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# Tools That Work

2015 Catalog



**felo**



**ergonic®**  
Made in Germany  
5x1.2x1.25  
Ergonomic V-Groove

INFO@SWIFTTOOL.COM

**made in  
Germany**

WWW.SWIFTTOOL.COM

**NEW! from Bondhus**

Durable color-coded finish for superior protection and easily identifiable tools.

**p. 5**

**Color-coded Protective Finish****Tamper Resistant L-Wrenches**

Tools to fit all Hex and TORX® tamper resistant screws.

**p. 16**

**Loop T-Handles**

New Hex End Loop T-Handles available in Inch and Metric with 3", 6", and 9" lengths. Coated handles available in 6" and 9" lengths for user comfort.

**p. 35 & 36**



Factory preset torque limits and interchangeable blades make ClickSet™ TLD the economical solution to an expensive problem.  
1/4" Bit Holder now available.

**p. 46-47**



An expanded range of power bits.

**p. 53**

**Hex End Power Bits**

New ProHold® tipped hex bits hold fasteners securely to the tool head.

**p. 53**

**ProHold® Hex End Power Bits**

New ProHold® TORX® Power Bits hold TORX® and Star fasteners securely to the tool head.

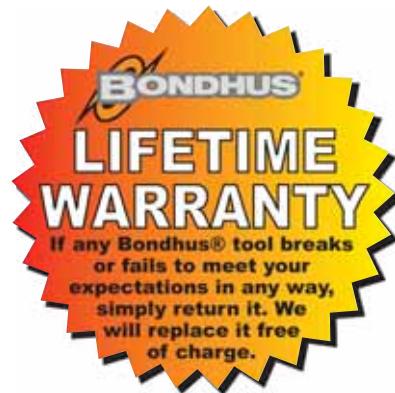
**p. 53**

**ProHold® TORX® Power Bits****Lifetime Warranty**

Bondhus manufactures the highest quality Hex and TORX® tools available, and every tool is backed by an unconditional lifetime warranty.

"All Bondhus products are guaranteed for life. If you are not satisfied with a Bondhus tool - for any reason - simply return it. A replacement will be shipped right out at no cost - no hassles, no questions asked."

A warranty is only as good as the company standing behind it. Bondhus has been the leading innovator in the Hex and TORX® tool industry for fifty years.



TORX® and TORX PLUS® are registered trademarks of Acument Intellectual Properties, LLC

**Contents****Bondhus Professional Quality Tools Provide Superior Value**

Time is money, and the real cost of using an inferior tool is realized when something goes wrong. As anyone who works with mechanical devices knows, bad things occasionally happen. It is not a question of "if", but rather "when".

Stripped screw heads are one of those bad things that happen. A screw with a stripped head can no longer be removed with a hex tool. If it is in a difficult to reach location, where a clamping device cannot grip it, the task becomes particularly problematic.

The cost of a high quality hex tool is negligible compared to the cost of removing a broken or stripped screw. Will the removal take a few hours? An entire day? What is the real cost of an inexpensive, poorly performing hex tool?

Bondhus quality hex tools are made from Protanium® high torque steel and have sharper corners to generate maximum holding and turning forces within the screw to virtually eliminate stripped screw heads.

Professional hex tools deliver a level of performance not attainable by consumer grade tools. In addition, safety is a factor that can impact the "actual" cost of ownership. As a result, knowledgeable buyers and professionals alike recognize the serious dangers of inferior tools that shatter instead of breaking clean.

The purpose of a high quality tool is to provide a faster, easier, and less costly means of performing a task. Bondhus strives to provide not just "good" tools, but the strongest tools available anywhere. Customer satisfaction is what we strive for.

**Want to see more?  
Scan the tag for  
Bondhus tool videos:**

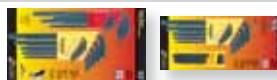


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|                                      |          |
|--------------------------------------|----------|
| <b>ColorGuard™ Finish L-Wrenches</b> | <b>5</b> |
|--------------------------------------|----------|



|                             |            |
|-----------------------------|------------|
| <b>L-Wrench Multi Packs</b> | <b>6-7</b> |
|-----------------------------|------------|



|                             |             |
|-----------------------------|-------------|
| <b>ProGuard™ L-Wrenches</b> | <b>8-16</b> |
|-----------------------------|-------------|



|                          |              |
|--------------------------|--------------|
| <b>Plated L-Wrenches</b> | <b>17-21</b> |
|--------------------------|--------------|



|                             |              |
|-----------------------------|--------------|
| <b>TORX® Tip L-Wrenches</b> | <b>22-24</b> |
|-----------------------------|--------------|



|                            |           |
|----------------------------|-----------|
| <b>Wing and Flag Tools</b> | <b>25</b> |
|----------------------------|-----------|



|                 |              |
|-----------------|--------------|
| <b>Fold Ups</b> | <b>26-29</b> |
|-----------------|--------------|



|                  |              |
|------------------|--------------|
| <b>T-Handles</b> | <b>30-37</b> |
|------------------|--------------|



|                     |              |
|---------------------|--------------|
| <b>Screwdrivers</b> | <b>38-44</b> |
|---------------------|--------------|



|                    |           |
|--------------------|-----------|
| <b>Nut Drivers</b> | <b>45</b> |
|--------------------|-----------|



|                      |              |
|----------------------|--------------|
| <b>ClickSet™ TLD</b> | <b>46-47</b> |
|----------------------|--------------|



|                    |              |
|--------------------|--------------|
| <b>Socket Bits</b> | <b>48-51</b> |
|--------------------|--------------|



|                        |              |
|------------------------|--------------|
| <b>Blades and Bits</b> | <b>52-54</b> |
|------------------------|--------------|



|                   |           |
|-------------------|-----------|
| <b>Hextenders</b> | <b>54</b> |
|-------------------|-----------|



# L-Wrenches



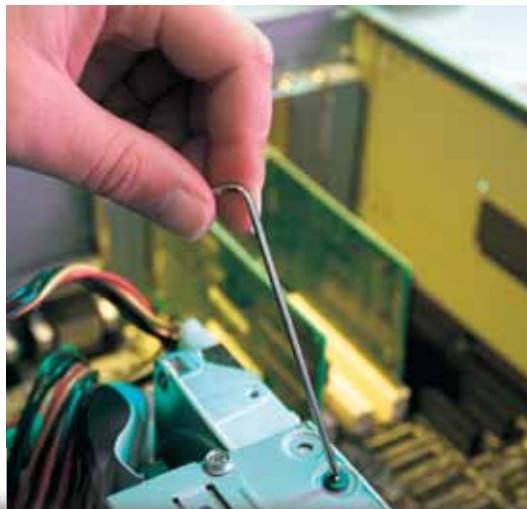
**Color Coded**

- Inch
- Metric
- TORX®



High Torque Steel:

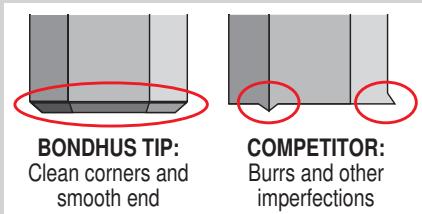
Up to 20% stronger, with more torque and twice the wear resistance of standard grades of steel.



- Available in a wide range of lengths and tip styles
- Chamfered tips for faster insertion and full tool engagement in the screw head
- Tools are made with custom heat treated ProTanium® Steel for more torque and longer tool life
- Four finish options available

## More than just another L-Wrench

Bondhus is committed to making the best tools on the market. Bondhus is constantly working to improve our tools. We are never satisfied with "good enough." We work hard to make sure your new Bondhus L-Wrench is always the best tool for the job.



**BONDHUS TIP:**  
Clean corners and  
smooth end

**COMPETITOR:**  
Burr and other  
imperfections

Bondhus chamfers every Hex and TORX® Tip tool we make. This process eliminates burrs and imperfections in the tool's tip that can prevent the tool from fitting properly or seating fully within the screw head.



Every Bondhus tool is designed and machined to achieve an optimal fit between tool and fastener. Tools insert quickly and easily into screw head and fit snug to generate greater torque and minimize slippage and stripping.



Bondhus custom heat-treating produces tools that are highly resistant to breakage and shattering.

TORX® and TORX PLUS® are trademarks of Acument Intellectual Properties, LLC

**Ball End L-Wrenches****- ColorGuard™ Finish -**

- Color-coded tools can be distinguished at a glance
- Superior rust protection finish
- Sizes are stamped on the tool
- Ball End inserts into screw at a 25° angle
- Extra long length available

ColorGuard™ finish.  
Color-coded for easy identification.



| Sets   | PART# | MODEL#    | PCS | LENGTH     | CONTENTS   | QTY | LIST    |
|--------|-------|-----------|-----|------------|--|-----|---------|
| Inch   | 69637 | BLX13XLCG | 13  | Extra Long | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$35.76 |
| Metric | 69699 | BLX9MXLCG | 9   | Extra Long | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm   | 1   | \$28.98 |
|        | 69499 | BLX9MCG   | 9   | Long       | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm   | 1   | \$25.72 |



Made in the U.S.A.



All Bondhus® tools are made with Protanium® High Torque Steel.

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# Multi Packs

- Assembled from our most popular sets
- Multiple sets per package
- Tip selections include Ball End, TORX®, Hex End, and ProHold® Tip Ball End

**ProGuard™ Ball End**

| PART# | MODEL#  | PCS | CONTENTS                              | QTY | LIST    |
|-------|---------|-----|---------------------------------------|-----|---------|
| 20196 | BLX21   | 21  | 10936 (.050-5/16") + 10999 (1.5-10mm) | 1   | \$29.03 |
| 20199 | BLX22   | 22  | 10937 (.050-3/8") + 10999 (1.5-10mm)  | 1   | \$32.91 |
| 20699 | BLX22XL | 22  | 16037 (.050-3/8") + 16099 (1.5-10mm)  | 1   | \$40.00 |

**ProGuard™ Ball End Stubby**

| PART# | MODEL# | PCS | CONTENTS                             | QTY | LIST    |
|-------|--------|-----|--------------------------------------|-----|---------|
| 20599 | SBLX22 | 22  | 16537 (.050-3/8") + 16599 (1.5-10mm) | 1   | \$40.57 |

**ProGuard™ ProHold® Tip Ball End**

| PART# | MODEL# | PCS | CONTENTS                             | QTY | LIST    |
|-------|--------|-----|--------------------------------------|-----|---------|
| 20499 | PBLX22 | 22  | 74937 (.050-3/8") + 74999 (1.5-10mm) | 1   | \$50.77 |

**ProGuard™ Hex End**

| PART# | MODEL# | PCS | CONTENTS                             | QTY | LIST    |
|-------|--------|-----|--------------------------------------|-----|---------|
| 22199 | HLX22  | 22  | 12137 (.050-3/8") + 12199 (1.5-10mm) | 1   | \$20.44 |

**ProGuard™ Ball End and TORX® Tip**

| PART# | MODEL#  | PCS | CONTENTS  | QTY | LIST    |
|-------|---------|-----|---|-----|---------|
| 14132 | BLF30TS | 30  | 10937 (.050-3/8") + 10999 (1.5-10mm) + 12632 (TORX® Fold Up T6-T25) | 1   | \$47.20 |
| 14138 | BLF30T  | 30  | 10937 (.050-3/8") + 10999 (1.5-10mm) + 12634 (TORX® Fold Up T9-T40) | 1   | \$47.45 |
| 14126 | BLF17S  | 17  | 10999 (1.5-10mm) + 12632 (TORX® Fold Up T6-T25)                     | 1   | \$28.77 |
| 14128 | BLF17   | 17  | 10999 (1.5-10mm) + 12634 (TORX® Fold Up T9-T40)                     | 1   | \$29.08 |

**ProGuard™ Ball End and Hex End GorillaGrip® Fold Ups**

| PART# | MODEL# | PCS | CONTENTS   | QTY | LIST    |
|-------|--------|-----|--|-----|---------|
| 14130 | BLF34  | 34  | 10937 (.050-3/8") + 10999 (1.5-10mm) + 12550 (Hex Fold Up 5/64-5/32", 1.5-5mm) | 1   | \$43.11 |
| 14187 | BLF16M | 16  | 10999 (1.5-10mm) + 12587 (Hex Fold Up 2-8mm)                                   | 1   | \$22.61 |
| 14189 | BLF22  | 22  | 10937 (.050-3/8") + 12589 (Hex Fold Up 5/64-1/4")                              | 1   | \$25.25 |

TORX® and TORX PLUS® are registered trademarks of Acument Intellectual Properties, LLC

# Multi Packs

- Assembled from our most popular sets
- Multiple sets per package
- Tip selections include Ball End, TORX®, Hex End, and ProHold® Tip Ball End

**Inch**  
**Metric**  
**TORX®**

**BriteGuard™ Ball End and ProGuard™ GorillaGrip® Fold Ups**

| PART# | MODEL# | PCS | CONTENTS | QTY | LIST |
|-------|--------|-----|----------|-----|------|
|-------|--------|-----|----------|-----|------|

|       |         |    |  |   |         |
|-------|---------|----|--|---|---------|
| 14170 | BLF16MB | 16 | 16999 (1.5-10mm) + 12587 (Hex Fold Up 2-8mm) | 1 | \$25.72 |
|-------|---------|----|--|---|---------|

**ColorGuard™ Ball End**

| PART# | MODEL# | PCS | CONTENTS | QTY | LIST |
|-------|--------|-----|----------|-----|------|
|-------|--------|-----|----------|-----|------|

|       |           |    |                                      |   |         |
|-------|-----------|----|--------------------------------------|---|---------|
| 69600 | BLX22XLCG | 22 | 69637 (.050-3/8") + 69699 (1.5-10mm) | 1 | \$61.48 |
|-------|-----------|----|--------------------------------------|---|---------|

**BriteGuard™ Ball End**

| PART# | MODEL# | PCS | CONTENTS | QTY | LIST |
|-------|--------|-----|----------|-----|------|
|-------|--------|-----|----------|-----|------|

|       |        |    |                                      |   |         |
|-------|--------|----|--------------------------------------|---|---------|
| 26999 | BLX22B | 22 | 16937 (.050-3/8") + 16999 (1.5-10mm) | 1 | \$42.12 |
|-------|--------|----|--------------------------------------|---|---------|

**BriteGuard™ and GoldGuard™ Ball End**

| PART# | MODEL# | PCS | CONTENTS | QTY | LIST |
|-------|--------|-----|----------|-----|------|
|-------|--------|-----|----------|-----|------|

|       |         |    |                                      |   |         |
|-------|---------|----|--------------------------------------|---|---------|
| 20399 | BLX22GB | 22 | 26937 (.050-3/8") + 38099 (1.5-10mm) | 1 | \$46.63 |
|-------|---------|----|--------------------------------------|---|---------|

**GoldGuard™ Ball End**

| PART# | MODEL# | PCS | CONTENTS | QTY | LIST |
|-------|--------|-----|----------|-----|------|
|-------|--------|-----|----------|-----|------|

|       |        |    |                                      |   |         |
|-------|--------|----|--------------------------------------|---|---------|
| 20899 | BLX22G | 22 | 37937 (.050-3/8") + 38099 (1.5-10mm) | 1 | \$44.92 |
|-------|--------|----|--------------------------------------|---|---------|

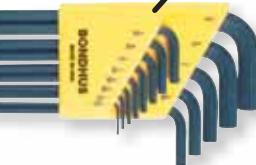
**Ball End L-Wrenches****- ProGuard™ Finish -**

- Ball End inserts into a screw at a 25° angle
- Ball End saves time by quickly funneling tool into screw
- 25° angle allows natural hand and wrist movement
- Superior Ball End strength and working angle
- Works in hard to reach places

ProGuard™ finish  
delivers superior  
corrosion protection



Ball End Tips



Yellow=Inch  
Red=Metric



| Sets        | PART# | MODEL#  | PCS | LENGTH     | CONTENTS  | QTY | LIST    |
|-------------|-------|---------|-----|------------|---|-----|---------|
| <b>Inch</b> | 10945 | BLX7    | 7   | Long       | .5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16"   | 1   | \$8.18  |
|             | 10932 | BLX8    | 8   | Long       | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"  | 1   | \$8.69  |
|             | 10938 | BLX10   | 10  | Long       | 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"   | 1   | \$12.06 |
|             | 10936 | BLX12   | 12  | Long       | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16"   | 1   | \$15.06 |
|             | 10937 | BLX13   | 13  | Long       | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"  | 1   | \$19.30 |
|             | 10935 | BLX15   | 15  | Long       | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16,<br>3/8, 7/16, 1/2" (in vinyl roll up pouch) | 1   | \$47.30 |
|             | 10933 | MBLX13  | 13  | Long       | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" (in metal box)                         | 1   | \$44.04 |
|             | 16037 | BLX13XL | 13  | Extra Long | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"  | 1   | \$23.29 |

| Singles          | SIZE | INCH     |      | MM              |    | PART# | QTY | LIST EA | SINGLE PACKAGING |     |         |
|------------------|------|----------|------|-----------------|----|-------|-----|---------|------------------|-----|---------|
|                  |      | PACKAGED | BULK | TAGGED/BARCODED |    |       |     |         |                  |     |         |
| <b>LONG Inch</b> | .050 | 2.8      | 72   | 0.53            | 13 | 10902 | 10  | \$1.00  | 12902            | 100 | \$0.73  |
|                  | 1/16 | 3.0      | 76   | 0.56            | 14 | 10903 | 10  | \$1.00  | 12903            | 100 | \$0.73  |
|                  | 5/64 | 3.2      | 81   | 0.61            | 15 | 10904 | 10  | \$1.00  | 12904            | 100 | \$0.73  |
|                  | 3/32 | 3.4      | 86   | 0.65            | 16 | 10905 | 10  | \$1.05  | 12905            | 100 | \$0.82  |
|                  | 7/64 | 3.6      | 90   | 0.70            | 18 | 10906 | 10  | \$1.17  | 12906            | 100 | \$0.93  |
|                  | 1/8  | 3.8      | 95   | 0.75            | 19 | 10907 | 10  | \$1.22  | 12907            | 100 | \$0.96  |
|                  | 9/64 | 4.0      | 101  | 0.80            | 20 | 10908 | 10  | \$1.22  | 12908            | 100 | \$0.96  |
|                  | 5/32 | 4.2      | 107  | 0.84            | 21 | 10909 | 10  | \$1.27  | 12909            | 100 | \$1.02  |
|                  | 3/16 | 4.5      | 114  | 0.94            | 24 | 10910 | 10  | \$1.48  | 12910            | 100 | \$1.16  |
|                  | 7/32 | 4.9      | 124  | 1.03            | 26 | 10911 | 5   | \$1.78  | 12911            | 50  | \$1.54  |
|                  | 1/4  | 5.6      | 141  | 1.13            | 29 | 10912 | 5   | \$2.05  | 12912            | 50  | \$1.82  |
|                  | 5/16 | 6.0      | 152  | 1.25            | 32 | 10913 | 5   | \$3.23  | 12913            | 50  | \$2.83  |
|                  | 3/8  | 6.8      | 171  | 1.38            | 35 | 10914 | 5   | \$4.54  | 12914            | 50  | \$4.14  |
|                  | 7/16 | 7.5      | 191  | 1.50            | 38 | 10915 | 1   | \$9.41  | 12915            | 25  | \$8.76  |
|                  | 1/2  | 8.3      | 210  | 1.63            | 41 | 10916 | 1   | \$12.06 | 12916            | 25  | \$11.21 |
|                  | 9/16 | 9.0      | 229  | 1.75            | 44 | 10917 | 1   | \$14.75 | 12917            | 10  | \$14.00 |
|                  | 5/8  | 9.8      | 248  | 1.88            | 48 | 10918 | 1   | \$16.48 | 12918            | 10  | \$15.65 |
|                  | 3/4  | 11.3     | 286  | 2.13            | 54 | 10919 | 1   | \$27.25 | 12919            | 5   | \$26.18 |
|                  | 7/8  | 12.8     | 325  | 2.37            | 60 | 10920 | 1   | \$61.54 |                  | -   | -       |
|                  | 1    | 14.2     | 362  | 2.62            | 67 | 10921 | 1   | \$82.10 |                  | -   | -       |

| Singles                | SIZE | INCH     | MM  | INCH | MM | PART# | QTY | LIST EA | SINGLE PACKAGING |  |  |
|------------------------|------|----------|-----|------|----|-------|-----|---------|------------------|--|--|
|                        |      | PACKAGED |     |      |    |       |     |         |                  |  |  |
| <b>EXTRA LONG Inch</b> | .050 | 3.1      | 77  | 0.53 | 13 | 16002 | 10  | \$1.14  |                  |  |  |
|                        | 1/16 | 3.3      | 85  | 0.56 | 14 | 16003 | 10  | \$1.14  |                  |  |  |
|                        | 5/64 | 3.6      | 92  | 0.61 | 15 | 16004 | 10  | \$1.14  |                  |  |  |
|                        | 3/32 | 3.9      | 99  | 0.65 | 16 | 16005 | 10  | \$1.19  |                  |  |  |
|                        | 7/64 | 4.1      | 105 | 0.70 | 18 | 16006 | 10  | \$1.24  |                  |  |  |
|                        | 1/8  | 4.5      | 114 | 0.75 | 19 | 16007 | 10  | \$1.35  |                  |  |  |
|                        | 9/64 | 4.8      | 122 | 0.80 | 20 | 16008 | 10  | \$1.40  |                  |  |  |
|                        | 5/32 | 5.1      | 131 | 0.84 | 21 | 16009 | 10  | \$1.45  |                  |  |  |
|                        | 3/16 | 5.2      | 132 | 0.94 | 24 | 16010 | 10  | \$1.66  |                  |  |  |
|                        | 7/32 | 5.6      | 143 | 1.03 | 26 | 16011 | 5   | \$1.97  |                  |  |  |
|                        | 1/4  | 6.5      | 164 | 1.13 | 29 | 16012 | 5   | \$2.48  |                  |  |  |
|                        | 5/16 | 7.1      | 180 | 1.25 | 32 | 16013 | 5   | \$3.88  |                  |  |  |
|                        | 3/8  | 7.8      | 199 | 1.38 | 35 | 16014 | 5   | \$5.69  |                  |  |  |

**Did you know...?**

Bondhus Ball End tips are designed to be the perfect balance between angle and strength. Ball End strength is maximized, while still providing a consistent full 25° working angle.

**Ball End L-Wrenches****- ProGuard™ Finish -**

- Ball End inserts into a screw at a 25° angle
- Ball End saves time by quickly funneling tool into screw
- 25° angle allows natural hand and wrist movement
- Superior Ball End strength and working angle
- Works in hard to reach places

ProGuard™ finish  
delivers superior  
corrosion protection



Yellow=Inch  
Red=Metric



25° Working  
angle

| Sets          | PART# | MODEL#  | PCS | LENGTH     | CONTENTS   | QTY | LIST    |
|---------------|-------|---------|-----|------------|--|-----|---------|
| <b>Metric</b> | 10946 | BLX6M   | 6   | Long       | 1.5, 2, 2.5, 3, 4, 5mm   | 1   | \$7.14  |
|               | 10992 | BLX7M   | 7   | Long       | 1.5, 2, 2.5, 3, 4, 5, 6mm  | 1   | \$9.52  |
|               | 10999 | BLX9M   | 9   | Long       | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm                                     | 1   | \$15.68 |
|               | 10995 | BLX15M  | 15  | Long       | 1.27, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10mm          | 1   | \$26.34 |
|               | 10989 | MBLX13  | 13  | Long       | 1.27, 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10, 12, 14, 17mm<br>(in metal box) | 1   | \$84.51 |
|               | 16099 | BLX9MLX | 9   | Extra Long | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm                                     | 1   | \$18.84 |



10989

| Singles            | SIZE | INCH     |      | MM              |    | PART# | QTY | LIST EA | PART# | QTY | LIST EA | PART# | QTY | LIST EA |
|--------------------|------|----------|------|-----------------|----|-------|-----|---------|-------|-----|---------|-------|-----|---------|
|                    |      | PACKAGED | BULK | TAGGED/BARCODED |    |       |     |         |       |     |         |       |     |         |
| <b>LONG Metric</b> | 1.27 | 2.8      | 72   | 0.53            | 13 | 10949 | 10  | \$1.00  | 12949 | 100 | \$0.73  | 15749 | 10  | \$1.09  |
|                    | 1.5  | 3.0      | 77   | 0.53            | 14 | 10950 | 10  | \$1.00  | 12950 | 100 | \$0.73  | 15750 | 10  | \$1.09  |
|                    | 2.0  | 3.2      | 82   | 0.61            | 16 | 10952 | 10  | \$1.00  | 12952 | 100 | \$0.73  | 15752 | 10  | \$1.09  |
|                    | 2.5  | 3.5      | 88   | 0.69            | 17 | 10954 | 10  | \$1.08  | 12954 | 100 | \$0.82  | 15754 | 10  | \$1.15  |
|                    | 3.0  | 3.9      | 98   | 0.75            | 19 | 10956 | 10  | \$1.19  | 12956 | 100 | \$0.96  | 15756 | 10  | \$1.29  |
|                    | 3.5  | 3.9      | 100  | 0.85            | 21 | 10958 | 1   | \$1.25  | 12958 | 100 | \$1.02  | 15758 | 1   | \$1.35  |
|                    | 4.0  | 4.3      | 110  | 0.87            | 22 | 10960 | 10  | \$1.27  | 12960 | 100 | \$1.02  | 15760 | 10  | \$1.38  |
|                    | 4.5  | 4.5      | 114  | 1.00            | 25 | 10962 | 1   | \$1.46  | 12962 | 100 | \$1.27  | 15762 | 1   | \$1.58  |
|                    | 5.0  | 4.7      | 119  | 1.06            | 27 | 10964 | 5   | \$1.62  | 12964 | 100 | \$1.27  | 15764 | 5   | \$1.74  |
|                    | 5.5  | 4.9      | 124  | 1.14            | 29 | 10966 | 1   | \$1.88  | 12966 | 50  | \$1.60  | 15766 | 1   | \$2.03  |
|                    | 6    | 5.5      | 139  | 1.22            | 31 | 10968 | 5   | \$2.17  | 12968 | 50  | \$1.95  | 15768 | 5   | \$2.33  |
|                    | 7    | 5.5      | 140  | 1.30            | 33 | 10970 | 1   | \$2.93  | 12970 | 50  | \$2.67  | 15770 | 1   | \$3.16  |
|                    | 8    | 6.0      | 152  | 1.38            | 35 | 10972 | 5   | \$3.46  | 12972 | 50  | \$3.04  | 15772 | 5   | \$3.74  |
|                    | 9    | 6.2      | 159  | 1.46            | 37 | 10974 | 1   | \$4.15  | 12974 | 50  | \$3.74  | 15774 | 1   | \$4.48  |
|                    | 10   | 6.7      | 171  | 1.54            | 39 | 10976 | 5   | \$5.06  | 12976 | 50  | \$4.63  | 15776 | 5   | \$5.45  |
|                    | 11   | 7.9      | 200  | 1.63            | 42 | 10978 | 1   | \$9.33  | 12978 | 25  | \$8.65  | 15778 | 1   | \$10.04 |
|                    | 12   | 8.7      | 220  | 1.73            | 44 | 10980 | 1   | \$11.19 | 12980 | 25  | \$10.39 | 15780 | 1   | \$12.05 |
|                    | 13   | 9.4      | 240  | 1.88            | 48 | 10982 | 1   | \$13.98 | 12982 | 10  | \$13.29 | 15782 | 1   | \$15.07 |
|                    | 14   | 10.2     | 260  | 2.15            | 55 | 10984 | 1   | \$13.98 | 12984 | 10  | \$13.29 | 15784 | 1   | \$15.07 |
|                    | 17   | 11.0     | 280  | 2.42            | 61 | 10986 | 1   | \$22.18 | 12986 | 10  | \$21.06 | 15786 | 1   | \$23.87 |
|                    | 19   | 11.6     | 295  | 2.70            | 69 | 10988 | 1   | \$26.30 | 12988 | 5   | \$25.25 | 15788 | 1   | \$28.33 |
|                    | 22   | 13.0     | 330  | 3.07            | 78 | 10991 | 1   | \$64.79 |       |     |         |       |     |         |
|                    | 24   | 14.5     | 370  | 3.47            | 88 | 10993 | 1   | \$82.10 |       |     |         |       |     |         |

| Singles                  | SIZE | INCH     |      | MM              |    | PART# | QTY | LIST EA |
|--------------------------|------|----------|------|-----------------|----|-------|-----|---------|
|                          |      | PACKAGED | BULK | TAGGED/BARCODED |    |       |     |         |
| <b>EXTRA LONG Metric</b> | 1.5  | 3.5      | 90   | 0.53            | 14 | 16050 | 10  | \$1.14  |
|                          | 2.0  | 3.9      | 100  | 0.61            | 16 | 16052 | 10  | \$1.14  |
|                          | 2.5  | 4.4      | 112  | 0.69            | 17 | 16054 | 10  | \$1.24  |
|                          | 3.0  | 5.0      | 126  | 0.75            | 19 | 16056 | 10  | \$1.35  |
|                          | 4.0  | 5.6      | 142  | 0.87            | 22 | 16060 | 10  | \$1.50  |
|                          | 5.0  | 6.3      | 160  | 1.06            | 27 | 16064 | 5   | \$1.86  |
|                          | 6    | 6.8      | 172  | 1.22            | 31 | 16068 | 5   | \$2.54  |
|                          | 8    | 7.7      | 195  | 1.38            | 35 | 16072 | 5   | \$4.04  |
|                          | 10   | 8.4      | 213  | 1.54            | 39 | 16076 | 5   | \$5.85  |

**Did you know...?**

Bondhus' extremely precise manufacturing methods create Ball End tools that work very well, even in sizes as small as .050", 1.27mm, and T6 (BallStar™ Tip).

**ProHold® Tip Ball End L-Wrenches****L-Wrenches****- ProGuard™ Finish -**

- Holds screw tight on the tool EVERY TIME
- Button is non-magnetic
- Super smooth rotational action, with no interference from the ProHold® button
- Tool strength is not compromised by the ProHold® button



ProGuard™ finish  
delivers superior  
corrosion protection



Yellow=Inch  
Red=Metric

ProHold® Tip holds  
screws securely



| Sets          | PART# | MODEL# | PCS | LENGTH | CONTENTS   | QTY | LIST    |
|---------------|-------|--------|-----|--------|--|-----|---------|
| <b>Inch</b>   | 74938 | PBLX10 | 10  | Long   | 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"                  | 1   | \$18.62 |
|               | 74937 | PBLX13 | 13  | Long   | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$29.81 |
| <b>Metric</b> | 74992 | PBLX7M | 7   | Long   | 1.5, 2, 2.5, 3, 4, 5, 6mm  | 1   | \$14.75 |
|               | 74999 | PBLX9M | 9   | Long   | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm   | 1   | \$24.17 |



74999

SINGLE PACKAGING

BULK

TAGGED/BARCODED

| Singles            | SIZE | INCH | MM  | INCH | MM | PART# | QTY | LIST EA | PART# | QTY | LIST EA |
|--------------------|------|------|-----|------|----|-------|-----|---------|-------|-----|---------|
| <b>LONG Inch</b>   | .050 | 2.8  | 72  | 0.53 | 13 | 75902 | 25  | \$1.31  | 75702 | 5   | \$1.61  |
|                    | 1/16 | 3.0  | 76  | 0.56 | 14 | 75903 | 25  | \$1.31  | 75703 | 5   | \$1.61  |
|                    | 5/64 | 3.2  | 81  | 0.61 | 15 | 75904 | 25  | \$1.31  | 75704 | 5   | \$1.61  |
|                    | 3/32 | 3.4  | 86  | 0.65 | 16 | 75905 | 25  | \$1.43  | 75705 | 5   | \$1.68  |
|                    | 7/64 | 3.6  | 90  | 0.70 | 18 | 75906 | 25  | \$1.64  | 75706 | 5   | \$1.90  |
|                    | 1/8  | 3.8  | 95  | 0.75 | 19 | 75907 | 25  | \$1.69  | 75707 | 5   | \$1.99  |
|                    | 9/64 | 4.0  | 101 | 0.80 | 20 | 75908 | 25  | \$1.69  | 75708 | 5   | \$1.99  |
|                    | 5/32 | 4.2  | 107 | 0.84 | 21 | 75909 | 25  | \$1.76  | 75709 | 5   | \$2.06  |
|                    | 3/16 | 4.5  | 114 | 0.94 | 24 | 75910 | 25  | \$2.02  | 75710 | 5   | \$2.40  |
|                    | 7/32 | 4.9  | 124 | 1.03 | 26 | 75911 | 10  | \$2.58  | 75711 | 2   | \$2.88  |
|                    | 1/4  | 5.6  | 141 | 1.13 | 29 | 75912 | 10  | \$2.83  | 75712 | 2   | \$3.15  |
|                    | 5/16 | 6.0  | 152 | 1.25 | 32 | 75913 | 10  | \$3.82  | 75713 | 2   | \$4.35  |
|                    | 3/8  | 6.8  | 171 | 1.38 | 35 | 75914 | 10  | \$5.07  | 75714 | 2   | \$5.68  |
| <b>LONG Metric</b> | 1.27 | 2.8  | 72  | 0.53 | 13 | 75949 | 25  | \$1.31  | 75749 | 5   | \$1.61  |
|                    | 1.5  | 3.0  | 77  | 0.53 | 14 | 75950 | 25  | \$1.31  | 75750 | 5   | \$1.61  |
|                    | 2.0  | 3.2  | 82  | 0.61 | 16 | 75952 | 25  | \$1.31  | 75752 | 5   | \$1.61  |
|                    | 2.5  | 3.5  | 88  | 0.69 | 17 | 75954 | 25  | \$1.46  | 75754 | 5   | \$1.72  |
|                    | 3.0  | 3.9  | 98  | 0.75 | 19 | 75956 | 25  | \$1.67  | 75756 | 5   | \$1.95  |
|                    | 4.0  | 4.3  | 110 | 0.87 | 22 | 75960 | 25  | \$1.76  | 75760 | 5   | \$2.06  |
|                    | 5.0  | 4.7  | 119 | 1.06 | 27 | 75964 | 25  | \$2.23  | 75764 | 2   | \$2.63  |
|                    | 6    | 5.5  | 139 | 1.22 | 31 | 75968 | 10  | \$2.95  | 75768 | 2   | \$3.26  |
|                    | 8    | 6.0  | 152 | 1.38 | 35 | 75972 | 10  | \$4.02  | 75772 | 2   | \$4.57  |
|                    | 10   | 6.7  | 171 | 1.54 | 39 | 75976 | 10  | \$5.55  | 75776 | 2   | \$6.19  |

**Did you know...?**

ProHold® buttons are non-magnetic and work on all fasteners. They are safe to use on sensitive equipment. They will not rust and will hold non-magnetic screws (aluminum, stainless and plastic).



ProHold® button holds screw  
tight on the tool EVERY TIME



ProHold® buttons are non-magnetic and  
safe for use in electronic applications

**Stubby Ball End L-Wrenches****L-Wrenches****- ProGuard™ Finish -**

- Fits into tight spaces standard hex keys cannot
- Eliminates the need to trim and file the short arm
- Tighter inside radius means full smooth entry into screw head
- Chamfered short arm eliminates burrs
- Ball End inserts into a screw at a 25° angle

ProGuard™ finish delivers superior corrosion protection

Yellow=Inch  
Red=Metric

Stubby fits where others cannot

| Sets   | PART# | MODEL# | PCS | LENGTH | CONTENTS   | QTY | LIST    |
|--------|-------|--------|-----|--------|--|-----|---------|
| Inch   | 16538 | SBLX10 | 10  | Long   | 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"                  | 1   | \$14.80 |
|        | 16537 | SBLX13 | 13  | Long   | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$23.70 |
| Metric | 16592 | SBLX7M | 7   | Long   | 1.5, 2, 2.5, 3, 4, 5, 6mm  | 1   | \$11.70 |
|        | 16599 | SBLX9M | 9   | Long   | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm   | 1   | \$19.25 |



16599

SINGLE PACKAGING

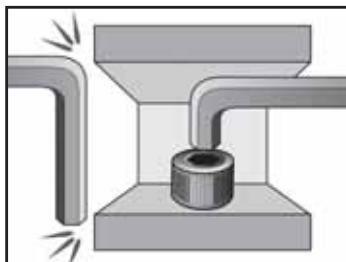


BULK



TAGGED/BARCODED

| Singles            | SIZE | INCH | MM  | INCH | MM | PART# | QTY | LIST EA | PART# | QTY | LIST EA |
|--------------------|------|------|-----|------|----|-------|-----|---------|-------|-----|---------|
| <b>LONG Inch</b>   | .050 | 2.8  | 72  | 0.14 | 4  | 26502 | 50  | \$1.16  | 16502 | 5   | \$1.28  |
|                    | 1/16 | 3.0  | 76  | 0.16 | 4  | 26503 | 50  | \$1.16  | 16503 | 5   | \$1.28  |
|                    | 5/64 | 3.2  | 81  | 0.27 | 7  | 26504 | 50  | \$1.16  | 16504 | 5   | \$1.28  |
|                    | 3/32 | 3.4  | 86  | 0.29 | 7  | 26505 | 50  | \$1.21  | 16505 | 5   | \$1.35  |
|                    | 7/64 | 3.6  | 90  | 0.30 | 8  | 26506 | 50  | \$1.38  | 16506 | 5   | \$1.52  |
|                    | 1/8  | 3.8  | 95  | 0.32 | 8  | 26507 | 50  | \$1.43  | 16507 | 5   | \$1.58  |
|                    | 9/64 | 4.0  | 101 | 0.33 | 8  | 26508 | 50  | \$1.43  | 16508 | 5   | \$1.58  |
|                    | 5/32 | 4.2  | 107 | 0.35 | 9  | 26509 | 50  | \$1.48  | 16509 | 5   | \$1.64  |
|                    | 3/16 | 4.5  | 114 | 0.39 | 10 | 26510 | 50  | \$1.68  | 16510 | 5   | \$1.87  |
|                    | 7/32 | 4.9  | 124 | 0.46 | 12 | 26511 | 25  | \$2.06  | 16511 | 2   | \$2.28  |
|                    | 1/4  | 5.3  | 133 | 0.46 | 12 | 26512 | 25  | \$2.37  | 16512 | 2   | \$2.64  |
|                    | 5/16 | 6.0  | 152 | 0.57 | 14 | 26513 | 25  | \$3.67  | 16513 | 2   | \$4.10  |
|                    | 3/8  | 6.8  | 171 | 0.71 | 18 | 26514 | 25  | \$5.15  | 16514 | 2   | \$5.73  |
| <b>LONG Metric</b> | 1.27 | 2.8  | 72  | 0.14 | 4  | 26549 | 50  | \$1.16  | 16549 | 5   | \$1.28  |
|                    | 1.5  | 3.0  | 77  | 0.19 | 5  | 26550 | 50  | \$1.16  | 16550 | 5   | \$1.28  |
|                    | 2.0  | 3.2  | 82  | 0.27 | 7  | 26552 | 50  | \$1.16  | 16552 | 5   | \$1.28  |
|                    | 2.5  | 3.5  | 88  | 0.28 | 7  | 26554 | 50  | \$1.21  | 16554 | 5   | \$1.35  |
|                    | 3.0  | 3.9  | 98  | 0.32 | 8  | 26556 | 50  | \$1.43  | 16556 | 5   | \$1.58  |
|                    | 4.0  | 4.3  | 110 | 0.35 | 9  | 26560 | 50  | \$1.48  | 16560 | 5   | \$1.64  |
|                    | 5.0  | 4.7  | 119 | 0.40 | 10 | 26564 | 25  | \$1.89  | 16564 | 2   | \$2.10  |
|                    | 6    | 5.5  | 139 | 0.47 | 12 | 26568 | 25  | \$2.47  | 16568 | 2   | \$2.74  |
|                    | 8    | 6.0  | 152 | 0.57 | 14 | 26572 | 25  | \$4.01  | 16572 | 2   | \$4.44  |
|                    | 10   | 6.7  | 171 | 0.78 | 20 | 26576 | 25  | \$5.90  | 16576 | 2   | \$6.55  |

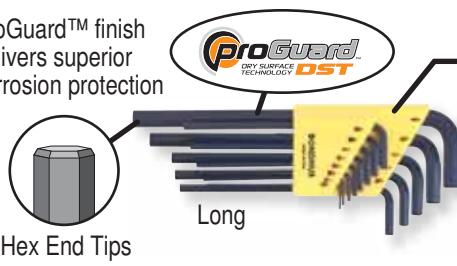


Stubby tools fit in tight spaces where there is not enough overhead clearance for a standard hex key

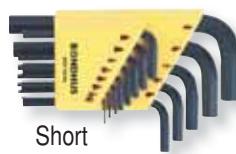
**Hex End L-Wrenches****- ProGuard™ Finish -**

- Chamfered tool tips eliminate burrs and help tools seat in screw head
- Sharp corners transfer more torque to the screw and reduce stripping
- Precision machined for ease of use and superior fit

ProGuard™ finish  
delivers superior  
corrosion protection



Yellow=Inch  
Red=Metric



| Sets        | PART# | MODEL# | PCS | LENGTH | CONTENTS   | QTY | LIST    |
|-------------|-------|--------|-----|--------|--|-----|---------|
| <b>Inch</b> | 12145 | HLX7   | 7   | Long   | 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16"                                   | 1   | \$4.40  |
|             | 12132 | HLX8   | 8   | Long   | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"                             | 1   | \$5.02  |
|             | 12138 | HLX10  | 10  | Long   | 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"                  | 1   | \$6.11  |
|             | 12136 | HLX12  | 12  | Long   | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16"      | 1   | \$8.80  |
|             | 12137 | HLX13  | 13  | Long   | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$11.07 |
|             | 12245 | HLX7S  | 7   | Short  | 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16"                                   | 1   | \$4.04  |
|             | 12232 | HLX8S  | 8   | Short  | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"                             | 1   | \$4.40  |
|             | 12238 | HLX10S | 10  | Short  | 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"                  | 1   | \$5.54  |
|             | 12236 | HLX12S | 12  | Short  | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16"      | 1   | \$6.31  |
|             | 12237 | HLX13S | 13  | Short  | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$7.61  |

**In Metal Box**

| Sets        | PART# | MODEL#  | PCS | LENGTH | CONTENTS   | QTY | LIST    |
|-------------|-------|---------|-----|--------|--|-----|---------|
| <b>Inch</b> | 12344 | MHLX15S | 15  | Short  | .028, .035, .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"                 | 1   | \$31.98 |
|             | 12339 | MHLX18S | 18  | Short  | .028, .035, .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8, 1/2, 9/16, 5/8" | 1   | \$44.66 |

**In Plastic Box**

| Sets        | PART# | MODEL# | PCS | LENGTH | CONTENTS  | QTY | LIST    |
|-------------|-------|--------|-----|--------|---|-----|---------|
| <b>Inch</b> | 12342 | MHLX13 | 13  | Long   | 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8, 1/2" | 1   | \$19.30 |

**In Pouch**

| Sets        | PART# | MODEL#   | PCS | LENGTH       | CONTENTS   | QTY | LIST    |
|-------------|-------|----------|-----|--------------|--|-----|---------|
| <b>Inch</b> | 12335 | PHLX9    | 9   | Long         | 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"                                     | 1   | \$8.23  |
|             | 12333 | PHLX11   | 11  | Long         | .050, 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"                         | 1   | \$9.26  |
|             | 12351 | PHLX15   | 15  | Long         | 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8, 1/2, 9/16, 5/8, 3/4"    | 1   | \$54.49 |
|             | 12345 | PHLX7S   | 7   | Short        | 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4"  | 1   | \$4.92  |
|             | 12338 | PHLX10S  | 10  | Short        | .035, .050, 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4 "                             | 1   | \$5.95  |
|             | 12341 | PHLX11SS | 11  | Short        | .050, 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"                         | 1   | \$6.68  |
|             | 12343 | PHLX11S  | 11  | Short        | 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8, 1/2, 9/16"                          | 1   | \$16.51 |
|             | 12347 | PHLX15S  | 15  | Short        | .028, .035, .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$7.97  |
|             | 22789 | PHLX9-6  | 9   | 6" Long Arm  | 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"                                     | 1   | \$16.25 |
|             | 25445 | PHLX7-12 | 7   | 12" Long Arm | 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4"  | 1   | \$22.51 |



12342

12347



| Singles                 | SIZE | INCH | MM  | INCH | MM | PART# | QTY | LIST EA |
|-------------------------|------|------|-----|------|----|-------|-----|---------|
| <b>6" LONG ARM Inch</b> | 5/64 | 5.9  | 150 | 0.61 | 15 | 22704 | 5   | \$0.96  |
|                         | 3/32 | 5.9  | 150 | 0.65 | 16 | 22705 | 5   | \$0.96  |
|                         | 7/64 | 5.9  | 150 | 0.70 | 18 | 22706 | 5   | \$0.96  |
|                         | 1/8  | 5.9  | 149 | 0.75 | 19 | 22707 | 5   | \$0.98  |
|                         | 9/64 | 5.9  | 149 | 0.80 | 20 | 22708 | 5   | \$1.04  |
|                         | 5/32 | 5.8  | 148 | 0.84 | 21 | 22709 | 5   | \$1.04  |
|                         | 3/16 | 5.8  | 148 | 0.94 | 24 | 22710 | 5   | \$1.13  |
|                         | 7/32 | 5.8  | 147 | 1.03 | 26 | 22711 | 5   | \$1.18  |
|                         | 1/4  | 5.8  | 146 | 1.13 | 29 | 22712 | 5   | \$1.28  |
|                         | 5/16 | 5.7  | 144 | 1.25 | 32 | 22713 | 5   | \$1.73  |
|                         | 3/8  | 5.6  | 143 | 1.38 | 35 | 22714 | 5   | \$2.55  |

| Singles                  | SIZE | INCH | MM  | INCH | MM | PART# | QTY | LIST EA |
|--------------------------|------|------|-----|------|----|-------|-----|---------|
| <b>12" LONG ARM Inch</b> | 5/64 | 11.9 | 303 | 0.61 | 15 | 25404 | 5   | \$2.92  |
|                          | 3/32 | 11.9 | 302 | 0.65 | 16 | 25405 | 5   | \$3.03  |
|                          | 7/64 | 11.9 | 302 | 0.70 | 18 | 25406 | 5   | \$3.08  |
|                          | 1/8  | 11.9 | 302 | 0.75 | 19 | 25407 | 5   | \$3.08  |
|                          | 9/64 | 11.9 | 301 | 0.80 | 20 | 25408 | 5   | \$3.14  |
|                          | 5/32 | 11.8 | 301 | 0.84 | 21 | 25409 | 5   | \$3.14  |
|                          | 3/16 | 11.8 | 300 | 0.94 | 24 | 25410 | 5   | \$3.35  |
|                          | 7/32 | 11.8 | 299 | 1.03 | 26 | 25411 | 5   | \$3.41  |
|                          | 1/4  | 11.8 | 298 | 1.13 | 29 | 25412 | 5   | \$3.73  |

For more individual sizes available packaged, in bulk, or singles  
see page 13

# Hex End L-Wrench Singles

## - ProGuard™ Finish -

- Chamfered tool tips eliminate burrs and help tools seat in screw head
- Sharp corners transfer more torque to the screw and reduce stripping
- Precision machined for ease of use and superior fit

ProGuard™ finish  
delivers superior  
corrosion protection



## L-Wrenches


**SINGLE PACKAGING**
**PACKAGED**
**BULK**

**TAGGED/BARCODED**

| <b>Singles</b>   | <b>SIZE</b> | <b>INCH</b> | <b>MM</b> | <b>INCH</b> | <b>MM</b> | <b>PART#</b> | <b>QTY</b> | <b>LIST EA</b> | <b>PART#</b> | <b>QTY</b> | <b>LIST EA</b> | <b>PART#</b> | <b>QTY</b> | <b>LIST EA</b> |
|------------------|-------------|-------------|-----------|-------------|-----------|--------------|------------|----------------|--------------|------------|----------------|--------------|------------|----------------|
| <b>LONG Inch</b> | .028        | 2.6         | 66        | 0.22        | 6         | 12100        | 10         | \$0.52         | 13900        | 100        | \$0.32         | 15900        | 10         | \$0.65         |
|                  | .035        | 2.7         | 68        | 0.34        | 9         | 12101        | 10         | \$0.52         | 13901        | 100        | \$0.32         | 15901        | 10         | \$0.65         |
|                  | .050        | 2.8         | 72        | 0.53        | 13        | 12102        | 10         | \$0.31         | 13902        | 100        | \$0.17         | 15902        | 10         | \$0.37         |
|                  | 1/16        | 3.0         | 76        | 0.56        | 14        | 12103        | 10         | \$0.35         | 13903        | 100        | \$0.19         | 15903        | 10         | \$0.40         |
|                  | 5/64        | 3.2         | 81        | 0.61        | 15        | 12104        | 10         | \$0.35         | 13904        | 100        | \$0.19         | 15904        | 10         | \$0.40         |
|                  | 3/32        | 3.4         | 86        | 0.65        | 16        | 12105        | 10         | \$0.35         | 13905        | 100        | \$0.19         | 15905        | 10         | \$0.40         |
|                  | 7/64        | 3.6         | 90        | 0.70        | 18        | 12106        | 10         | \$0.41         | 13906        | 100        | \$0.27         | 15906        | 10         | \$0.48         |
|                  | 1/8         | 3.8         | 95        | 0.75        | 19        | 12107        | 10         | \$0.43         | 13907        | 100        | \$0.28         | 15907        | 10         | \$0.50         |
|                  | 9/64        | 4.0         | 101       | 0.80        | 20        | 12108        | 10         | \$0.43         | 13908        | 100        | \$0.28         | 15908        | 10         | \$0.50         |
|                  | 5/32        | 4.2         | 107       | 0.84        | 21        | 12109        | 10         | \$0.48         | 13909        | 100        | \$0.32         | 15909        | 10         | \$0.57         |
|                  | 3/16        | 4.5         | 114       | 0.94        | 24        | 12110        | 10         | \$0.52         | 13910        | 100        | \$0.38         | 15910        | 10         | \$0.65         |
|                  | 7/32        | 4.9         | 124       | 1.03        | 26        | 12111        | 5          | \$0.77         | 13911        | 50         | \$0.60         | 15911        | 5          | \$0.92         |
|                  | 1/4         | 5.3         | 133       | 1.13        | 29        | 12112        | 5          | \$1.06         | 13912        | 50         | \$0.83         | 15912        | 5          | \$1.22         |
|                  | 5/16        | 6.0         | 152       | 1.25        | 32        | 12113        | 5          | \$1.59         | 13913        | 50         | \$1.32         | 15913        | 5          | \$1.89         |
|                  | 3/8         | 6.8         | 171       | 1.38        | 35        | 12114        | 5          | \$2.09         | 13914        | 50         | \$1.97         | 15914        | 5          | \$2.73         |
|                  | 7/16        | 7.5         | 191       | 1.50        | 38        | 12115        | 1          | \$4.83         | 13915        | 25         | \$4.26         | 15915        | 1          | \$5.76         |
|                  | 1/2         | 8.3         | 210       | 1.63        | 41        | 12116        | 1          | \$5.48         | 13916        | 25         | \$4.80         | 15916        | 1          | \$6.52         |
|                  | 9/16        | 9.0         | 229       | 1.75        | 44        | 12117        | 1          | \$7.16         | 13917        | 10         | \$6.21         | 15917        | 1          | \$8.52         |
|                  | 5/8         | 9.8         | 248       | 1.88        | 48        | 12118        | 1          | \$11.26        | 13918        | 10         | \$10.14        | 15918        | 1          | \$13.39        |
|                  | 3/4         | 11.3        | 286       | 2.13        | 54        | 12119        | 1          | \$16.36        | 13919        | 5          | \$14.90        | 15919        | 1          | \$19.49        |
|                  | 7/8         | 12.7        | 322       | 2.37        | 60        | 12120        | 1          | \$27.71        |              |            |                |              |            |                |
|                  | 1           | 14.1        | 359       | 2.62        | 67        | 12121        | 1          | \$37.95        |              |            |                |              |            |                |
|                  | 1 1/4       | 17.0        | 432       | 3.00        | 76        | 12125        | 1          | \$150.89       |              |            |                |              |            |                |
|                  | 1 1/2       | 20.3        | 514       | 3.50        | 89        | 12129        | 1          | \$240.97       |              |            |                |              |            |                |


**SINGLE PACKAGING**
**PACKAGED**
**BULK**

**TAGGED/BARCODED**

| <b>Singles</b>    | <b>SIZE</b> | <b>INCH</b> | <b>MM</b> | <b>INCH</b> | <b>MM</b> | <b>PART#</b> | <b>QTY</b> | <b>LIST EA</b> | <b>PART#</b> | <b>QTY</b> | <b>LIST EA</b> | <b>PART#</b> | <b>QTY</b> | <b>LIST EA</b> |
|-------------------|-------------|-------------|-----------|-------------|-----------|--------------|------------|----------------|--------------|------------|----------------|--------------|------------|----------------|
| <b>SHORT Inch</b> | .028        | 1.2         | 31        | 0.22        | 6         | 12200        | 10         | \$0.37         | 13800        | 100        | \$0.23         | 15800        | 10         | \$0.43         |
|                   | .035        | 1.2         | 31        | 0.34        | 9         | 12201        | 10         | \$0.37         | 13801        | 100        | \$0.23         | 15801        | 10         | \$0.43         |
|                   | .050        | 1.6         | 42        | 0.53        | 13        | 12202        | 10         | \$0.27         | 13802        | 100        | \$0.13         | 15802        | 10         | \$0.31         |
|                   | 1/16        | 1.8         | 45        | 0.56        | 14        | 12203        | 10         | \$0.27         | 13803        | 100        | \$0.13         | 15803        | 10         | \$0.31         |
|                   | 5/64        | 1.9         | 48        | 0.61        | 15        | 12204        | 10         | \$0.29         | 13804        | 100        | \$0.16         | 15804        | 10         | \$0.35         |
|                   | 3/32        | 2.0         | 51        | 0.65        | 16        | 12205        | 10         | \$0.29         | 13805        | 100        | \$0.16         | 15805        | 10         | \$0.35         |
|                   | 7/64        | 2.1         | 54        | 0.70        | 18        | 12206        | 10         | \$0.31         | 13806        | 100        | \$0.17         | 15806        | 10         | \$0.37         |
|                   | 1/8         | 2.3         | 58        | 0.75        | 19        | 12207        | 10         | \$0.31         | 13807        | 100        | \$0.17         | 15807        | 10         | \$0.37         |
|                   | 9/64        | 2.4         | 61        | 0.80        | 20        | 12208        | 10         | \$0.34         | 13808        | 100        | \$0.19         | 15808        | 10         | \$0.40         |
|                   | 5/32        | 2.5         | 64        | 0.84        | 21        | 12209        | 10         | \$0.34         | 13809        | 100        | \$0.19         | 15809        | 10         | \$0.40         |
|                   | 3/16        | 2.8         | 70        | 0.94        | 24        | 12210        | 10         | \$0.41         | 13810        | 100        | \$0.27         | 15810        | 10         | \$0.48         |
|                   | 7/32        | 3.0         | 77        | 1.03        | 26        | 12211        | 5          | \$0.54         | 13811        | 50         | \$0.39         | 15811        | 5          | \$0.67         |
|                   | 1/4         | 3.3         | 83        | 1.13        | 29        | 12212        | 5          | \$0.66         | 13812        | 50         | \$0.48         | 15812        | 5          | \$0.77         |
|                   | 5/16        | 3.8         | 96        | 1.25        | 32        | 12213        | 5          | \$0.98         | 13813        | 50         | \$0.79         | 15813        | 5          | \$1.18         |
|                   | 3/8         | 4.3         | 108       | 1.38        | 35        | 12214        | 5          | \$1.45         | 13814        | 50         | \$1.19         | 15814        | 5          | \$1.72         |
|                   | 7/16        | 4.8         | 121       | 1.50        | 38        | 12215        | 1          | \$3.39         | 13815        | 50         | \$2.78         | 15815        | 1          | \$4.04         |
|                   | 1/2         | 5.3         | 133       | 1.63        | 41        | 12216        | 1          | \$4.01         | 13816        | 50         | \$3.27         | 15816        | 1          | \$4.76         |
|                   | 9/16        | 5.8         | 146       | 1.75        | 44        | 12217        | 1          | \$5.50         | 13817        | 25         | \$4.62         | 15817        | 1          | \$6.53         |
|                   | 5/8         | 6.3         | 159       | 1.88        | 48        | 12218        | 1          | \$7.13         | 13818        | 20         | \$6.07         | 15818        | 1          | \$8.49         |
|                   | 3/4         | 7.3         | 184       | 2.13        | 54        | 12219        | 1          | \$11.34        | 13819        | 15         | \$9.76         | 15819        | 1          | \$13.52        |
|                   | 7/8         | 8.2         | 207       | 2.37        | 60        | 12220        | 1          | \$18.07        |              |            |                |              |            |                |
|                   | 1           | 9.2         | 232       | 2.62        | 67        | 12221        | 1          | \$26.50        |              |            |                |              |            |                |
|                   | 1 1/4       | 11.0        | 279       | 3.00        | 76        | 12225        | 1          | \$75.92        |              |            |                |              |            |                |
|                   | 1 1/2       | 13.0        | 330       | 3.50        | 89        | 12229        | 1          | \$94.86        |              |            |                |              |            |                |
|                   | 1 3/4       | 13.3        | 337       | 4.00        | 102       | 12231        | 1          | \$181.28       |              |            |                |              |            |                |
|                   | 2           | 15.0        | 381       | 4.50        | 114       | 12233        | 1          | \$243.38       |              |            |                |              |            |                |

For sets and 6" and 12" Long Arm singles see page 12

**Hex End L-Wrenches****- ProGuard™ Finish -**

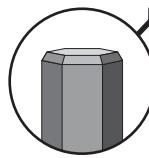
- Chamfered tool tips eliminate burrs and help tools seat in screw head
- Sharp corners transfer more torque to the screw and reduce stripping
- Precision machined for ease of use and superior fit

ProGuard™ finish  
delivers superior  
corrosion protection



Yellow=Inch

Red=Metric



Long

Hex End Tips



Short

| <b>Sets</b>   | <b>PART#</b> | <b>MODEL#</b> | <b>PCS</b> | <b>LENGTH</b> | <b>CONTENTS</b>   | <b>QTY</b> | <b>LIST</b> |
|---------------|--------------|---------------|------------|---------------|---|------------|-------------|
| <b>Metric</b> | 12146        | HLX6M         | 6          | Long          | 1.5, 2, 2.5, 3, 4, 5mm                                      | 1          | \$5.28      |
|               | 12192        | HLX7M         | 7          | Long          | 1.5, 2, 2.5, 3, 4, 5, 6mm                                   | 1          | \$6.62      |
|               | 12199        | HLX9M         | 9          | Long          | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm                            | 1          | \$10.51     |
|               | 12195        | HLX15M        | 15         | Long          | 1.27, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10mm | 1          | \$17.70     |
|               | 12246        | HLX6MS        | 6          | Short         | 1.5, 2, 2.5, 3, 4, 5mm                                      | 1          | \$4.66      |
|               | 12292        | HLX7MS        | 7          | Short         | 1.5, 2, 2.5, 3, 4, 5, 6mm                                   | 1          | \$5.49      |
|               | 12299        | HLX9MS        | 9          | Short         | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm                            | 1          | \$8.38      |

**In Metal Box**

| <b>Sets</b>   | <b>PART#</b> | <b>MODEL#</b> | <b>PCS</b> | <b>LENGTH</b> | <b>CONTENTS</b>  | <b>QTY</b> | <b>LIST</b> |
|---------------|--------------|---------------|------------|---------------|--|------------|-------------|
| <b>Metric</b> | 12396        | MHLX10M       | 10         | Long          | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10, 12mm                         | 1          | \$34.57     |
|               | 12393        | MHLX12MS      | 12         | Short         | .71, .89, 1.27, 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm             | 1          | \$26.55     |
|               | 12394        | MHLX15MS      | 15         | Short         | .71, .89, 1.27, 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10, 12, 14, 17mm | 1          | \$44.61     |



12394

**In Pouch**

| <b>Sets</b>   | <b>PART#</b> | <b>MODEL#</b> | <b>PCS</b> | <b>LENGTH</b> | <b>CONTENTS</b>   | <b>QTY</b> | <b>LIST</b> |
|---------------|--------------|---------------|------------|---------------|---|------------|-------------|
| <b>Metric</b> | 12349        | PHLX15M       | 15         | Long          | .89, 1.27, 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10, 12, 14, 17, 19mm | 1          | \$63.24     |
|               | 12392        | PHLX7MS       | 7          | Short         | 2, 2.5, 3, 4, 5, 6, 8mm                                     | 1          | \$5.59      |
|               | 12399        | PHLX9MS       | 9          | Short         | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm                            | 1          | \$8.44      |
|               | 12391        | PHLX11MS      | 11         | Short         | 2, 2.5, 3, 4, 5, 6, 7, 8, 9, 10, 12mm                       | 1          | \$18.79     |
|               | 12397        | PHLX14MS      | 14         | Short         | 2, 2.5, 3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 17, 19mm           | 1          | \$37.88     |



12397

**Did you know...?**

Bondhus tools are harder and more ductile than competitors' tools. They wear longer, generate greater torque and resist breakage and shattering.

For individual sizes available packaged, in bulk, or singles  
see page 15

**Hex End L-Wrench Singles****- ProGuard™ Finish -**

- Chamfered tool tips eliminate burrs and help tools seat in screw head
- Sharp corners transfer more torque to the screw and reduce stripping
- Precision machined for ease of use and superior fit

ProGuard™ finish  
delivers superior  
corrosion protection



Hex End Tips

**L-Wrenches****SINGLE PACKAGING****BULK****TAGGED/BARCODED**

| <b>Singles</b>     | SIZE | INCH | MM  | INCH | MM  | PART# | QTY | LIST EA  | PART# | QTY | LIST EA | PART# | QTY | LIST EA |
|--------------------|------|------|-----|------|-----|-------|-----|----------|-------|-----|---------|-------|-----|---------|
| <b>LONG Metric</b> | 0.71 | 2.6  | 66  | 0.22 | 6   | 12147 | 10  | \$0.52   | 13947 | 100 | \$0.32  | 15947 | 10  | \$0.65  |
|                    | 0.89 | 2.7  | 68  | 0.34 | 9   | 12148 | 10  | \$0.52   | 13948 | 100 | \$0.32  | 15948 | 10  | \$0.65  |
|                    | 1.27 | 2.8  | 72  | 0.53 | 13  | 12149 | 10  | \$0.31   | 13949 | 100 | \$0.17  | 15949 | 10  | \$0.37  |
|                    | 1.5  | 3.0  | 77  | 0.53 | 14  | 12150 | 10  | \$0.35   | 13950 | 100 | \$0.19  | 15950 | 10  | \$0.40  |
|                    | 2.0  | 3.2  | 82  | 0.61 | 16  | 12152 | 10  | \$0.35   | 13952 | 100 | \$0.19  | 15952 | 10  | \$0.40  |
|                    | 2.5  | 3.5  | 88  | 0.69 | 17  | 12154 | 10  | \$0.41   | 13954 | 100 | \$0.27  | 15954 | 10  | \$0.48  |
|                    | 3.0  | 3.9  | 98  | 0.75 | 19  | 12156 | 10  | \$0.41   | 13956 | 100 | \$0.27  | 15956 | 10  | \$0.48  |
|                    | 3.5  | 3.9  | 100 | 0.85 | 21  | 12158 | 1   | \$0.48   | 13958 | 100 | \$0.32  | 15958 | 1   | \$0.57  |
|                    | 4.0  | 4.3  | 110 | 0.87 | 22  | 12160 | 10  | \$0.48   | 13960 | 100 | \$0.32  | 15960 | 10  | \$0.57  |
|                    | 4.5  | 4.5  | 114 | 1.00 | 25  | 12162 | 1   | \$0.72   | 13962 | 100 | \$0.50  | 15962 | 1   | \$0.87  |
|                    | 5.0  | 4.7  | 119 | 1.06 | 27  | 12164 | 5   | \$0.72   | 13964 | 100 | \$0.50  | 15964 | 5   | \$0.87  |
|                    | 5.5  | 4.9  | 124 | 1.14 | 29  | 12166 | 1   | \$1.04   | 13966 | 50  | \$0.83  | 15966 | 1   | \$1.22  |
|                    | 6    | 5.5  | 139 | 1.22 | 31  | 12168 | 5   | \$1.04   | 13968 | 50  | \$0.83  | 15968 | 5   | \$1.22  |
|                    | 7    | 5.5  | 140 | 1.30 | 33  | 12170 | 1   | \$1.68   | 13970 | 50  | \$1.45  | 15970 | 1   | \$2.01  |
|                    | 8    | 6.0  | 152 | 1.38 | 35  | 12172 | 5   | \$1.68   | 13972 | 50  | \$1.45  | 15972 | 5   | \$2.01  |
|                    | 9    | 6.2  | 159 | 1.46 | 37  | 12174 | 1   | \$2.66   | 13974 | 50  | \$2.28  | 15974 | 1   | \$3.16  |
|                    | 10   | 6.7  | 171 | 1.54 | 39  | 12176 | 5   | \$2.66   | 13976 | 50  | \$2.28  | 15976 | 5   | \$3.16  |
|                    | 11   | 7.9  | 200 | 1.63 | 42  | 12178 | 1   | \$5.71   | 13978 | 25  | \$5.09  | 15978 | 1   | \$6.79  |
|                    | 12   | 8.7  | 220 | 1.73 | 44  | 12180 | 1   | \$5.71   | 13980 | 25  | \$5.09  | 15980 | 1   | \$6.79  |
|                    | 13   | 9.4  | 240 | 1.88 | 48  | 12182 | 1   | \$7.59   | 13982 | 10  | \$6.93  | 15982 | 1   | \$9.04  |
|                    | 14   | 10.2 | 260 | 2.15 | 55  | 12184 | 1   | \$7.59   | 13984 | 10  | \$6.93  | 15984 | 1   | \$9.04  |
|                    | 17   | 11.0 | 280 | 2.42 | 61  | 12186 | 1   | \$10.85  | 13986 | 10  | \$9.83  | 15986 | 1   | \$12.91 |
|                    | 19   | 11.6 | 295 | 2.70 | 69  | 12188 | 1   | \$15.07  | 13988 | 5   | \$13.87 | 15988 | 1   | \$17.93 |
|                    | 22   | 12.8 | 325 | 3.07 | 78  | 12191 | 1   | \$28.32  |       | -   | -       |       | -   | -       |
|                    | 24   | 14.3 | 364 | 3.47 | 88  | 12193 | 1   | \$39.74  |       | -   | -       |       | -   | -       |
|                    | 32   | 17.0 | 432 | 4.80 | 122 | 12196 | 1   | \$155.25 |       | -   | -       |       | -   | -       |
|                    | 36   | 20.3 | 516 | 5.37 | 137 | 12198 | 1   | \$253.06 |       | -   | -       |       | -   | -       |

**SINGLE PACKAGING****BULK****TAGGED/BARCODED**

| <b>Singles</b>      | SIZE | INCH | MM  | INCH | MM  | PART# | QTY | LIST EA | PART# | QTY | LIST EA | PART# | QTY | LIST EA |
|---------------------|------|------|-----|------|-----|-------|-----|---------|-------|-----|---------|-------|-----|---------|
| <b>SHORT Metric</b> | 0.71 | 1.2  | 31  | 0.22 | 6   | 12247 | 10  | \$0.37  | 13847 | 100 | \$0.23  | 15847 | 10  | \$0.43  |
|                     | 0.89 | 1.2  | 31  | 0.34 | 9   | 12248 | 10  | \$0.37  | 13848 | 100 | \$0.23  | 15848 | 10  | \$0.43  |
|                     | 1.27 | 1.6  | 42  | 0.53 | 13  | 12249 | 10  | \$0.27  | 13849 | 100 | \$0.13  | 15849 | 10  | \$0.31  |
|                     | 1.5  | 1.7  | 44  | 0.53 | 14  | 12250 | 10  | \$0.27  | 13850 | 100 | \$0.13  | 15850 | 10  | \$0.31  |
|                     | 2.0  | 1.9  | 49  | 0.61 | 16  | 12252 | 10  | \$0.29  | 13852 | 100 | \$0.16  | 15852 | 10  | \$0.35  |
|                     | 2.5  | 2.1  | 54  | 0.69 | 17  | 12254 | 10  | \$0.29  | 13854 | 100 | \$0.16  | 15854 | 10  | \$0.35  |
|                     | 3.0  | 2.4  | 61  | 0.75 | 19  | 12256 | 10  | \$0.31  | 13856 | 100 | \$0.17  | 15856 | 10  | \$0.37  |
|                     | 3.5  | 2.6  | 65  | 0.85 | 21  | 12258 | 1   | \$0.34  | 13858 | 100 | \$0.19  | 15858 | 1   | \$0.40  |
|                     | 4.0  | 2.7  | 68  | 0.87 | 22  | 12260 | 10  | \$0.34  | 13860 | 100 | \$0.19  | 15860 | 10  | \$0.40  |
|                     | 4.5  | 2.9  | 73  | 1.00 | 25  | 12262 | 1   | \$0.41  | 13862 | 100 | \$0.32  | 15862 | 1   | \$0.48  |
|                     | 5.0  | 3.1  | 78  | 1.06 | 27  | 12264 | 5   | \$0.41  | 13864 | 100 | \$0.32  | 15864 | 5   | \$0.48  |
|                     | 5.5  | 3.3  | 83  | 1.14 | 29  | 12266 | 1   | \$0.66  | 13866 | 50  | \$0.48  | 15866 | 1   | \$0.77  |
|                     | 6    | 3.5  | 88  | 1.22 | 31  | 12268 | 5   | \$0.66  | 13868 | 50  | \$0.48  | 15868 | 5   | \$0.77  |
|                     | 7    | 3.7  | 93  | 1.30 | 33  | 12270 | 1   | \$1.04  | 13870 | 50  | \$0.83  | 15870 | 1   | \$1.20  |
|                     | 8    | 3.9  | 98  | 1.38 | 35  | 12272 | 5   | \$1.04  | 13872 | 50  | \$0.83  | 15872 | 5   | \$1.20  |
|                     | 9    | 4.0  | 102 | 1.46 | 37  | 12274 | 1   | \$1.68  | 13874 | 50  | \$1.45  | 15874 | 1   | \$2.01  |
|                     | 10   | 4.3  | 109 | 1.54 | 39  | 12276 | 5   | \$1.68  | 13876 | 50  | \$1.45  | 15876 | 5   | \$2.01  |
|                     | 11   | 4.5  | 115 | 1.63 | 42  | 12278 | 1   | \$4.30  | 13878 | 50  | \$3.67  | 15878 | 1   | \$5.09  |
|                     | 12   | 4.8  | 122 | 1.73 | 44  | 12280 | 1   | \$4.30  | 13880 | 50  | \$3.67  | 15880 | 1   | \$5.09  |
|                     | 13   | 5.1  | 129 | 1.88 | 48  | 12282 | 1   | \$5.88  | 13882 | 25  | \$2.02  | 15882 | 1   | \$6.99  |
|                     | 14   | 5.4  | 136 | 2.15 | 55  | 12284 | 1   | \$5.88  | 13884 | 25  | \$5.06  | 15884 | 1   | \$6.99  |
|                     | 17   | 6.1  | 156 | 2.42 | 61  | 12286 | 1   | \$6.39  | 13886 | 20  | \$5.61  | 15886 | 1   | \$7.59  |
|                     | 19   | 6.9  | 175 | 2.72 | 69  | 12288 | 1   | \$10.85 | 13888 | 15  | \$9.54  | 15888 | 1   | \$12.90 |
|                     | 22   | 7.5  | 190 | 3.07 | 78  | 12291 | 1   | \$25.30 |       | -   | -       |       | -   | -       |
|                     | 24   | 8.4  | 213 | 3.47 | 88  | 12293 | 1   | \$31.64 |       | -   | -       |       | -   | -       |
|                     | 27   | 9.4  | 238 | 3.84 | 98  | 12295 | 1   | \$63.29 |       | -   | -       |       | -   | -       |
|                     | 32   | 11.8 | 300 | 4.80 | 122 | 12296 | 1   | \$75.92 |       | -   | -       |       | -   | -       |
|                     | 36   | 13.3 | 338 | 5.37 | 137 | 12298 | 1   | \$94.86 |       | -   | -       |       | -   | -       |

For sets see page 14

Made in the U.S.A.



All Bondhus® tools are made with Protanium® High Torque Steel.

INFO@SWIFTTOOL.COM

WWW.SWIFTTOOL.COM

**Tamper Resistant Hex End L-Wrenches****- ProGuard™ Finish -**

- Fits all tamper resistant hex screws
- Chamfered tool tips eliminate burrs and help tools seat in screw head
- Sharp corners transfer more torque to the screw and reduce stripping
- Precision machined for ease of use and superior fit

ProGuard™ finish  
delivers superior  
corrosion protection



Tamper Resistant  
Hex Tips



Tamper Resistant  
Hex Tips

| Sets   | PART# | MODEL# | PCS | LENGTH | CONTENTS                                     | QTY | LIST    |
|--------|-------|--------|-----|--------|--|-----|---------|
| Inch   | 48332 | HTR8   | 8   | Long   | 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$34.05 |
| Metric | 48386 | HTR6M  | 6   | Long   | 2.5, 3, 4, 5, 6, 8mm                         | 1   | \$24.53 |



SINGLE PACKAGING  
PACKAGED

| Singles        | SIZE | INCH | MM  | INCH | MM | PART# | QTY | LIST EA |
|----------------|------|------|-----|------|----|-------|-----|---------|
| LONG<br>Inch   | 3/32 | 3.4  | 86  | 0.65 | 16 | 48305 | 5   | \$3.84  |
|                | 1/8  | 3.8  | 95  | 0.75 | 19 | 48307 | 5   | \$3.89  |
|                | 5/32 | 4.2  | 107 | 0.84 | 21 | 48309 | 5   | \$4.00  |
|                | 3/16 | 4.5  | 114 | 0.94 | 24 | 48310 | 5   | \$4.06  |
|                | 7/32 | 4.9  | 124 | 1.03 | 26 | 48311 | 5   | \$4.16  |
|                | 1/4  | 5.3  | 133 | 1.13 | 29 | 48312 | 5   | \$4.33  |
|                | 5/16 | 6.0  | 152 | 1.25 | 32 | 48313 | 5   | \$4.38  |
| LONG<br>Metric | 3/8  | 6.8  | 171 | 1.38 | 35 | 48314 | 2   | \$5.36  |
|                | 2.5  | 3.5  | 88  | 0.69 | 17 | 48354 | 5   | \$3.84  |
|                | 3.0  | 3.9  | 98  | 0.75 | 19 | 48356 | 5   | \$3.89  |
|                | 4.0  | 4.3  | 110 | 0.87 | 22 | 48360 | 5   | \$4.00  |
|                | 5.0  | 4.7  | 119 | 1.06 | 27 | 48364 | 5   | \$4.06  |
|                | 6    | 5.5  | 139 | 1.22 | 31 | 48368 | 5   | \$4.33  |
|                | 8    | 6.0  | 152 | 1.38 | 35 | 48372 | 5   | \$4.38  |
|                | 10   | 6.7  | 171 | 1.54 | 39 | 48376 | 2   | \$5.36  |



48332

**Tamper Resistant TORX® L-Wrenches****- ProGuard™ Finish -**

- Fits all TORX® and Star tamper resistant screws
- Burr free tool tips help tools seat fully in screw head
- Precision machined tips transfer more torque to the screw and reduces stripping

ProGuard™ finish  
delivers superior  
corrosion protection



Tools are in color  
coded cases for easy  
recognition  
Green=TORX®



Tamper Resistant  
TORX®



Tamper Resistant  
TORX® Tips

| Sets  | PART# | MODEL#  | PCS | LENGTH | CONTENTS                                      | QTY | LIST    |
|-------|-------|---------|-----|--------|---|-----|---------|
| TORX® | 32432 | TR-TL8S | 8   | Long   | TR6, TR7, TR8, TR9, TR10, TR15, TR20, TR25    | 1   | \$29.24 |
|       | 32434 | TR-TL8  | 8   | Long   | TR9, TR10, TR15, TR20, TR25, TR27, TR30, TR40 | 1   | \$25.00 |



SINGLE PACKAGING



BULK



TAGGED/BARCODED

| Singles       | SIZE | INCH | MM  | INCH | MM | PART# | QTY | LIST EA | PART# | QTY | LIST EA |
|---------------|------|------|-----|------|----|-------|-----|---------|-------|-----|---------|
| LONG<br>TORX® | TR6  | 2.1  | 55  | 0.65 | 16 | 33406 | 25  | \$4.55  | 32406 | 2   | \$5.07  |
|               | TR7  | 2.4  | 61  | 0.65 | 16 | 33407 | 25  | \$4.22  | 32407 | 2   | \$4.68  |
|               | TR8  | 2.6  | 67  | 0.65 | 16 | 33408 | 25  | \$4.22  | 32408 | 2   | \$4.68  |
|               | TR9  | 2.9  | 74  | 0.65 | 16 | 33409 | 25  | \$4.22  | 32409 | 2   | \$4.68  |
|               | TR10 | 3.2  | 80  | 0.73 | 19 | 33410 | 25  | \$2.23  | 32410 | 2   | \$2.58  |
|               | TR15 | 3.3  | 84  | 0.78 | 20 | 33415 | 25  | \$2.28  | 32415 | 2   | \$2.69  |
|               | TR20 | 3.6  | 91  | 0.78 | 20 | 33420 | 25  | \$2.40  | 32420 | 2   | \$2.80  |
|               | TR25 | 3.8  | 98  | 0.88 | 22 | 33425 | 25  | \$2.51  | 32425 | 2   | \$2.93  |
|               | TR27 | 4.2  | 106 | 0.95 | 24 | 33427 | 25  | \$2.75  | 32427 | 2   | \$3.04  |
|               | TR30 | 4.6  | 116 | 1.03 | 26 | 33430 | 25  | \$2.79  | 32430 | 2   | \$3.34  |
|               | TR40 | 4.9  | 125 | 1.11 | 28 | 33440 | 25  | \$2.93  | 32440 | 2   | \$3.45  |

**Did you know...?**

ProGuard™ Dry Surface Technology is the world's best corrosion protection. The tool user does not have to work with rusty tools. ProGuard™ protection delivers up to 5 times the corrosion resistance of any other Hex or TORX® tool finish.

TORX® and TORX PLUS® are registered trademarks of Acument Intellectual Properties, LLC

**Ball End L-Wrenches****L-Wrenches****- BriteGuard™ Finish -**

- Ball End inserts into a screw at a 25° angle
- Ball End saves time by quickly funneling tool into screw
- 25° angle allows natural hand and wrist movement
- Superior Ball End strength and working angle
- Works in hard to reach places

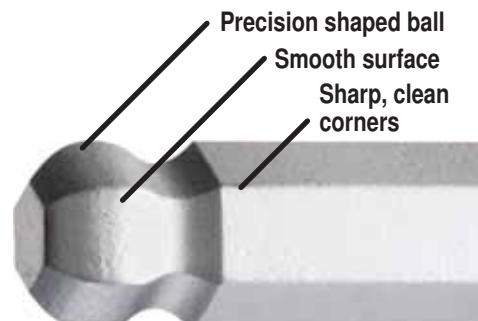


| Sets          | PART# | MODEL#  | PCS | LENGTH     | CONTENTS   | QTY | LIST    |
|---------------|-------|---------|-----|------------|--|-----|---------|
| <b>Inch</b>   | 16938 | BLX10B  | 10  | Long       | 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"                  | 1   | \$15.99 |
|               | 16936 | BLX12B  | 12  | Long       | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16"      | 1   | \$19.98 |
|               | 16937 | BLX13B  | 13  | Long       | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$25.62 |
| <b>Metric</b> | 17046 | BLX6MB  | 6   | Extra Long | 1.5, 2, 2.5, 3, 4, 5mm   | 1   | \$9.42  |
|               | 17092 | BLX7MB  | 7   | Extra Long | 1.5, 2, 2.5, 3, 4, 5, 6mm  | 1   | \$12.68 |
|               | 17099 | BLX9MB  | 9   | Extra Long | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm   | 1   | \$20.80 |
|               | 17095 | BLX15MB | 15  | Extra Long | 1.27, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10mm                | 1   | \$34.83 |
|               | 16999 | BLX9MB  | 9   | Long       | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm   | 1   | \$18.73 |



17099

| Singles                  | SINGLE PACKAGING |      |     |      | TAGGED/BARCODED |       |     |         |       |     |         |
|--------------------------|------------------|------|-----|------|-----------------|-------|-----|---------|-------|-----|---------|
|                          | SIZE             | INCH | MM  | INCH | MM              | PART# | QTY | LIST EA | PART# | QTY | LIST EA |
| <b>LONG Inch</b>         | .050             | 2.8  | 72  | 0.53 | 13              | 26902 | 50  | \$1.02  | 16902 | 10  | \$1.31  |
|                          | 1/16             | 3.0  | 76  | 0.56 | 14              | 26903 | 50  | \$1.02  | 16903 | 10  | \$1.31  |
|                          | 5/64             | 3.2  | 81  | 0.61 | 15              | 26904 | 50  | \$1.02  | 16904 | 10  | \$1.31  |
|                          | 3/32             | 3.4  | 86  | 0.65 | 16              | 26905 | 50  | \$1.19  | 16905 | 10  | \$1.37  |
|                          | 7/64             | 3.6  | 90  | 0.70 | 18              | 26906 | 50  | \$1.31  | 16906 | 10  | \$1.57  |
|                          | 1/8              | 3.8  | 95  | 0.75 | 19              | 26907 | 50  | \$1.44  | 16907 | 10  | \$1.62  |
|                          | 9/64             | 4.0  | 101 | 0.80 | 20              | 26908 | 50  | \$1.44  | 16908 | 10  | \$1.62  |
|                          | 5/32             | 4.2  | 107 | 0.84 | 21              | 26909 | 50  | \$1.50  | 16909 | 10  | \$1.69  |
|                          | 3/16             | 4.5  | 114 | 0.94 | 24              | 26910 | 50  | \$1.69  | 16910 | 10  | \$1.95  |
|                          | 7/32             | 4.9  | 124 | 1.03 | 26              | 26911 | 25  | \$2.17  | 16911 | 5   | \$2.33  |
|                          | 1/4              | 5.6  | 141 | 1.13 | 29              | 26912 | 25  | \$2.56  | 16912 | 5   | \$2.68  |
|                          | 5/16             | 6.0  | 152 | 1.25 | 32              | 26913 | 25  | \$4.07  | 16913 | 5   | \$4.25  |
|                          | 3/8              | 6.8  | 171 | 1.38 | 35              | 26914 | 25  | \$5.69  | 16914 | 5   | \$5.99  |
|                          | 7/16             | 7.5  | 191 | 1.50 | 38              |       | -   | -       | 16915 | 1   | \$11.00 |
|                          | 1/2              | 8.3  | 210 | 1.63 | 41              |       | -   | -       | 16916 | 1   | \$13.76 |
|                          | 9/16             | 9.0  | 229 | 1.75 | 44              |       | -   | -       | 16917 | 1   | \$17.51 |
|                          | 5/8              | 9.8  | 248 | 1.88 | 48              |       | -   | -       | 16918 | 1   | \$20.01 |
|                          | 3/4              | 11.3 | 286 | 2.13 | 54              |       | -   | -       | 16919 | 1   | \$30.02 |
| <b>EXTRA LONG Metric</b> | 1.27             | 2.8  | 72  | 0.53 | 13              | 27049 | 50  | \$1.02  | 17049 | 10  | \$1.31  |
|                          | 1.5              | 3.5  | 90  | 0.53 | 14              | 27050 | 50  | \$1.02  | 17050 | 10  | \$1.31  |
|                          | 2.0              | 3.9  | 100 | 0.61 | 16              | 27052 | 50  | \$1.02  | 17052 | 10  | \$1.31  |
|                          | 2.5              | 4.4  | 112 | 0.69 | 17              | 27054 | 50  | \$1.19  | 17054 | 10  | \$1.37  |
|                          | 3.0              | 5.0  | 126 | 0.75 | 19              | 27056 | 50  | \$1.31  | 17056 | 10  | \$1.57  |
|                          | 3.5              | 5.2  | 133 | 0.85 | 21              | 27058 | 50  | \$1.50  | 17058 | 1   | \$1.69  |
|                          | 4.0              | 5.6  | 142 | 0.87 | 22              | 27060 | 50  | \$1.50  | 17060 | 10  | \$1.69  |
|                          | 4.5              | 5.9  | 151 | 1.00 | 25              | 27062 | 50  | \$1.69  | 17062 | 1   | \$1.95  |
|                          | 5.0              | 6.3  | 160 | 1.06 | 27              | 27064 | 50  | \$1.88  | 17064 | 5   | \$2.12  |
|                          | 5.5              | 6.8  | 172 | 1.14 | 29              | 27066 | 25  | \$2.38  | 17066 | 1   | \$2.50  |
|                          | 6                | 6.8  | 172 | 1.22 | 31              | 27068 | 25  | \$2.62  | 17068 | 5   | \$2.82  |
|                          | 7                | 7.2  | 184 | 1.30 | 33              | 27070 | 25  | \$3.62  | 17070 | 1   | \$3.81  |
|                          | 8                | 7.7  | 195 | 1.38 | 35              | 27072 | 25  | \$4.32  | 17072 | 5   | \$4.56  |
|                          | 9                | 8.0  | 202 | 1.46 | 37              | 27074 | 25  | \$5.32  | 17074 | 1   | \$5.43  |
|                          | 10               | 8.4  | 213 | 1.54 | 39              | 27076 | 10  | \$6.52  | 17076 | 5   | \$6.62  |
|                          | 11               | 7.9  | 200 | 1.63 | 42              | 27078 | 10  | \$10.76 | 17078 | 1   | \$11.00 |
|                          | 12               | 8.7  | 220 | 1.73 | 44              | 27080 | 10  | \$10.76 | 17080 | 1   | \$11.00 |
|                          | 14               | 10.2 | 260 | 2.15 | 55              |       | -   | -       | 17084 | 1   | \$15.64 |
|                          | 17               | 11.0 | 280 | 2.42 | 61              |       | -   | -       | 17086 | 1   | \$23.77 |
|                          | 19               | 11.6 | 295 | 2.70 | 69              |       | -   | -       | 17088 | 1   | \$30.02 |

**Did you know...?**

Bondhus Ball End tools feature a consistent 25° working angle. The Ball End feature saves time and tool users can absolutely count on every Bondhus Ball End tool to provide a 25° working angle. Period!

**Stubby Ball End L-Wrenches****L-Wrenches****- BriteGuard™ Finish -**

- Fits into tight spaces standard hex keys cannot
- Eliminates the need to trim and file the short arm
- Tighter inside radius means full smooth entry into screw head
- Chamfered short arm eliminates burrs
- Ball End inserts into a screw at a 25° angle

BriteGuard™ finish delivers superior corrosion protection

**BriteGuard FINISH**

Yellow=Inch

Red=Metric



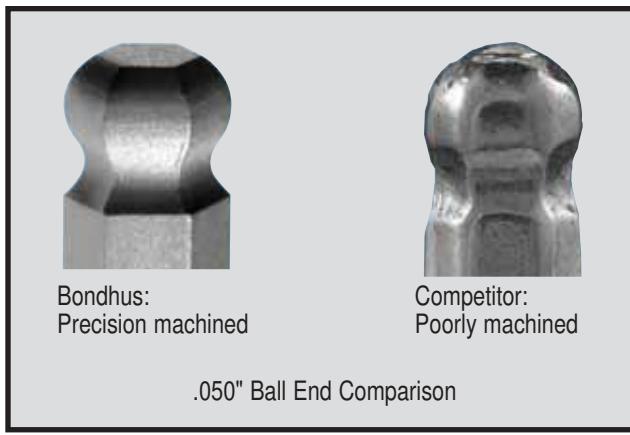
| Sets          | PART# | MODEL#  | PCS | LENGTH     | CONTENTS   | QTY | LIST    |
|---------------|-------|---------|-----|------------|--|-----|---------|
| <b>Inch</b>   | 16738 | SBLX10B | 10  | Long       | 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"                  | 1   | \$20.34 |
|               | 16737 | SBLX13B | 13  | Long       | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$32.55 |
| <b>Metric</b> | 16792 | SBLX7MB | 7   | Extra Long | 1.5, 2, 2.5, 3, 4, 5, 6mm  | 1   | \$16.15 |
|               | 16799 | SBLX9MB | 9   | Extra Long | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm   | 1   | \$26.39 |

**SINGLE PACKAGING****BULK****TAGGED/BARCODED**

| Singles                          | SIZE | INCH | MM  | INCH | MM | PART# | QTY | LIST EA | PART# | QTY | LIST EA |
|----------------------------------|------|------|-----|------|----|-------|-----|---------|-------|-----|---------|
| <b>LONG<br/>Inch</b>             | .050 | 2.7  | 69  | 0.14 | 4  | 26702 | 50  | \$1.54  | 16702 | 5   | \$1.69  |
|                                  | 1/16 | 2.8  | 72  | 0.16 | 4  | 26703 | 50  | \$1.54  | 16703 | 5   | \$1.69  |
|                                  | 5/64 | 2.9  | 74  | 0.27 | 7  | 26704 | 50  | \$1.54  | 16704 | 5   | \$1.69  |
|                                  | 3/32 | 3.1  | 78  | 0.29 | 7  | 26705 | 50  | \$1.58  | 16705 | 5   | \$1.74  |
|                                  | 7/64 | 3.3  | 83  | 0.30 | 8  | 26706 | 50  | \$1.80  | 16706 | 5   | \$2.01  |
|                                  | 1/8  | 3.4  | 87  | 0.32 | 8  | 26707 | 50  | \$1.86  | 16707 | 5   | \$2.07  |
|                                  | 9/64 | 3.6  | 92  | 0.33 | 8  | 26708 | 50  | \$1.86  | 16708 | 5   | \$2.07  |
|                                  | 5/32 | 3.9  | 98  | 0.35 | 9  | 26709 | 50  | \$1.93  | 16709 | 5   | \$2.12  |
|                                  | 3/16 | 4.1  | 104 | 0.39 | 10 | 26710 | 50  | \$2.19  | 16710 | 5   | \$2.43  |
|                                  | 7/32 | 4.4  | 112 | 0.46 | 12 | 26711 | 25  | \$2.65  | 16711 | 2   | \$2.93  |
| <b>EXTRA<br/>LONG<br/>Metric</b> | 1/4  | 5.1  | 129 | 0.46 | 12 | 26712 | 25  | \$3.09  | 16712 | 2   | \$3.44  |
|                                  | 5/16 | 5.4  | 138 | 0.57 | 14 | 26713 | 25  | \$4.78  | 16713 | 2   | \$5.32  |
|                                  | 3/8  | 6.0  | 153 | 0.71 | 18 | 26714 | 25  | \$6.76  | 16714 | 2   | \$7.51  |
|                                  | 1.27 | 2.7  | 69  | 0.14 | 4  | 26749 | 50  | \$1.54  | 16749 | 5   | \$1.69  |
|                                  | 1.5  | 3.5  | 90  | 0.19 | 5  | 26750 | 50  | \$1.54  | 16750 | 5   | \$1.69  |
|                                  | 2.0  | 3.9  | 100 | 0.27 | 7  | 26752 | 50  | \$1.54  | 16752 | 5   | \$1.69  |
|                                  | 2.5  | 4.4  | 112 | 0.28 | 7  | 26754 | 50  | \$1.58  | 16754 | 5   | \$1.74  |
|                                  | 3.0  | 5.0  | 126 | 0.32 | 8  | 26756 | 50  | \$1.80  | 16756 | 5   | \$2.01  |
|                                  | 4.0  | 5.6  | 142 | 0.35 | 9  | 26760 | 50  | \$1.93  | 16760 | 5   | \$2.12  |
|                                  | 5.0  | 6.3  | 160 | 0.40 | 10 | 26764 | 25  | \$2.42  | 16764 | 2   | \$2.68  |
|                                  | 6    | 6.8  | 172 | 0.47 | 12 | 26768 | 25  | \$3.22  | 16768 | 2   | \$3.57  |
|                                  | 8    | 7.7  | 195 | 0.57 | 14 | 26772 | 25  | \$5.25  | 16772 | 2   | \$5.82  |
|                                  | 10   | 8.4  | 213 | 0.78 | 20 | 26776 | 25  | \$7.61  | 16776 | 2   | \$8.45  |

**Did you know...?**

Stubby tools have a tighter inside radius than standard hex keys, which saves time because the tight radius design reaches screws that even a hex key with a cut down short arm cannot.



**Hex End L-Wrenches****- BriteGuard™ Finish -**

- Chamfered tool tips eliminate burrs and help tools seat in screw head
- Sharp corners transfer more torque to the screw and reduce stripping
- Precision machined for ease of use and superior fit

BriteGuard™ finish  
delivers superior  
corrosion protection



Yellow=Inch  
Red=Metric



| Sets          | PART# | MODEL#  | PCS | LENGTH     | CONTENTS   | QTY | LIST    |
|---------------|-------|---------|-----|------------|--|-----|---------|
| <b>Inch</b>   | 16138 | HLX10B  | 10  | Long       | 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"                  | 1   | \$8.64  |
|               | 16136 | HLX12B  | 12  | Long       | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16"      | 1   | \$12.32 |
|               | 16137 | HLX13B  | 13  | Long       | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$16.30 |
|               | 16238 | HLX10SB | 10  | Short      | 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"                  | 1   | \$7.19  |
|               | 16236 | HLX12SB | 12  | Short      | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16"      | 1   | \$8.69  |
|               | 16237 | HLX13SB | 13  | Short      | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$11.64 |
| <b>Metric</b> | 17146 | HLX6MB  | 6   | Extra Long | 1.5, 2, 2.5, 3, 4, 5mm   | 1   | \$7.45  |
|               | 17192 | HLX7MB  | 7   | Extra Long | 1.5, 2, 2.5, 3, 4, 5, 6mm  | 1   | \$9.68  |
|               | 17199 | HLX9MB  | 9   | Extra Long | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm   | 1   | \$15.37 |
|               | 17195 | HLX15MB | 15  | Extra Long | 1.27, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10mm                | 1   | \$27.48 |
|               | 16246 | HLX6MSB | 6   | Short      | 1.5, 2, 2.5, 3, 4, 5mm   | 1   | \$6.00  |
|               | 16292 | HLX7MSB | 7   | Short      | 1.5, 2, 2.5, 3, 4, 5, 6mm  | 1   | \$7.35  |
|               | 16299 | HLX9MSB | 9   | Short      | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm   | 1   | \$10.76 |

**SINGLE PACKAGING**

BULK

**TAGGED/BARCODED****SINGLE PACKAGING**

BULK

**TAGGED/BARCODED****Singles**

SIZE INCH MM INCH MM PART# QTY LIST EA

PART# QTY LIST EA

SIZE INCH MM INCH MM PART# QTY LIST EA

PART# QTY LIST EA

**Long**

|             |      |      |     |      |    |       |    |        |
|-------------|------|------|-----|------|----|-------|----|--------|
| <b>Inch</b> | .028 | 2.6  | 66  | 0.22 | 6  | 26100 | 50 | \$0.50 |
|             | .035 | 2.7  | 68  | 0.34 | 9  | 26101 | 50 | \$0.50 |
|             | .050 | 2.8  | 72  | 0.53 | 13 | 26102 | 50 | \$0.33 |
|             | 1/16 | 3.0  | 76  | 0.56 | 14 | 26103 | 50 | \$0.38 |
|             | 5/64 | 3.2  | 81  | 0.61 | 15 | 26104 | 50 | \$0.38 |
|             | 3/32 | 3.4  | 86  | 0.65 | 16 | 26105 | 50 | \$0.49 |
|             | 7/64 | 3.6  | 90  | 0.70 | 18 | 26106 | 50 | \$0.49 |
|             | 1/8  | 3.8  | 95  | 0.75 | 19 | 26107 | 50 | \$0.49 |
|             | 9/64 | 4.0  | 101 | 0.80 | 20 | 26108 | 50 | \$0.55 |
|             | 5/32 | 4.2  | 107 | 0.84 | 21 | 26109 | 50 | \$0.55 |
|             | 3/16 | 4.5  | 114 | 0.94 | 24 | 26110 | 50 | \$0.88 |
|             | 7/32 | 4.9  | 124 | 1.03 | 26 | 26111 | 25 | \$1.44 |
|             | 1/4  | 5.3  | 133 | 1.13 | 29 | 26112 | 25 | \$1.44 |
|             | 5/16 | 6.0  | 152 | 1.25 | 32 | 26113 | 25 | \$2.50 |
|             | 3/8  | 6.8  | 171 | 1.38 | 35 | 26114 | 25 | \$3.94 |
|             | 7/16 | 7.5  | 191 | 1.50 | 38 |       |    |        |
|             | 1/2  | 8.3  | 210 | 1.63 | 41 |       |    |        |
|             | 9/16 | 9.0  | 229 | 1.75 | 44 |       |    |        |
|             | 5/8  | 9.8  | 248 | 1.88 | 48 |       |    |        |
|             | 3/4  | 11.3 | 286 | 2.13 | 54 |       |    |        |

**Short**

|  |      |     |     |      |    |       |    |        |
|--|------|-----|-----|------|----|-------|----|--------|
|  | .028 | 1.2 | 31  | 0.22 | 6  | 26200 | 50 | \$0.38 |
|  | .035 | 1.2 | 31  | 0.34 | 9  | 26201 | 50 | \$0.38 |
|  | .050 | 1.6 | 42  | 0.53 | 13 | 26202 | 50 | \$0.26 |
|  | 1/16 | 1.8 | 45  | 0.56 | 14 | 26203 | 50 | \$0.26 |
|  | 5/64 | 1.9 | 48  | 0.61 | 15 | 26204 | 50 | \$0.29 |
|  | 3/32 | 2.0 | 51  | 0.65 | 16 | 26205 | 50 | \$0.29 |
|  | 7/64 | 2.1 | 54  | 0.70 | 18 | 26206 | 50 | \$0.36 |
|  | 1/8  | 2.3 | 58  | 0.75 | 19 | 26207 | 50 | \$0.36 |
|  | 9/64 | 2.4 | 61  | 0.80 | 20 | 26208 | 50 | \$0.38 |
|  | 5/32 | 2.5 | 64  | 0.84 | 21 | 26209 | 50 | \$0.38 |
|  | 3/16 | 2.8 | 70  | 0.94 | 24 | 26210 | 50 | \$0.55 |
|  | 7/32 | 3.0 | 77  | 1.03 | 26 | 26211 | 25 | \$0.90 |
|  | 1/4  | 3.3 | 83  | 1.13 | 29 | 26212 | 25 | \$0.90 |
|  | 5/16 | 3.8 | 96  | 1.25 | 32 | 26213 | 25 | \$1.44 |
|  | 3/8  | 4.3 | 108 | 1.38 | 35 | 26214 | 25 | \$2.50 |
|  | 7/16 | 4.8 | 121 | 1.50 | 38 |       |    |        |
|  | 1/2  | 5.3 | 133 | 1.63 | 41 |       |    |        |
|  | 9/16 | 5.8 | 146 | 1.75 | 44 |       |    |        |
|  | 5/8  | 6.3 | 159 | 1.88 | 48 |       |    |        |
|  | 3/4  | 7.3 | 184 | 2.13 | 54 |       |    |        |

**Extra Long**

|  |      |      |     |      |    |       |    |        |
|--|------|------|-----|------|----|-------|----|--------|
|  | .71  | 2.6  | 66  | 0.22 | 6  | 27147 | 50 | \$0.50 |
|  | .89  | 2.7  | 68  | 0.34 | 9  | 27148 | 50 | \$0.50 |
|  | 1.27 | 2.8  | 72  | 0.53 | 13 | 27149 | 50 | \$0.34 |
|  | 1.5  | 3.5  | 90  | 0.53 | 14 | 27150 | 50 | \$0.38 |
|  | 2.0  | 3.9  | 100 | 0.61 | 16 | 27152 | 50 | \$0.38 |
|  | 2.5  | 4.4  | 112 | 0.69 | 17 | 27154 | 50 | \$0.49 |
|  | 3.0  | 5.0  | 126 | 0.75 | 19 | 27156 | 50 | \$0.49 |
|  | 3.5  | 5.2  | 133 | 0.85 | 21 | 27158 | 50 | \$0.55 |
|  | 4.0  | 5.6  | 142 | 0.87 | 22 | 27160 | 50 | \$0.55 |
|  | 4.5  | 5.9  | 151 | 1.00 | 25 | 27162 | 50 | \$0.88 |
|  | 5.0  | 6.3  | 160 | 1.06 | 27 | 27164 | 50 | \$0.88 |
|  | 5.5  | 6.8  | 172 | 1.14 | 29 | 27166 | 25 | \$1.44 |
|  | 6    | 6.8  | 172 | 1.22 | 31 | 27168 | 25 | \$1.44 |
|  | 7    | 7.2  | 184 | 1.30 | 33 | 27170 | 25 | \$2.50 |
|  | 8    | 7.7  | 195 | 1.38 | 35 | 27172 | 25 | \$2.50 |
|  | 9    | 8.0  | 202 | 1.46 | 37 | 27174 | 25 | \$3.94 |
|  | 10   | 8.4  | 213 | 1.54 | 39 | 27176 | 10 | \$3.94 |
|  | 11   | 7.9  | 200 | 1.63 | 42 | 27178 | 10 | \$8.82 |
|  | 12   | 8.7  | 220 | 1.73 | 44 | 27180 | 10 | \$8.82 |
|  | 14   | 10.2 | 260 | 2.15 | 55 |       |    |        |
|  | 17   | 11.0 | 280 | 2.42 | 61 |       |    |        |
|  | 19   | 11.6 | 295 | 2.70 | 69 |       |    |        |

**Short**

|  |      |     |     |      |    |       |    |        |
|--|------|-----|-----|------|----|-------|----|--------|
|  | .71  | 1.2 | 31  | 0.22 | 6  | 26247 | 50 | \$0.38 |
|  | .89  | 1.2 | 31  | 0.34 | 9  | 26248 | 50 | \$0.38 |
|  | 1.27 | 1.6 | 42  | 0.53 | 13 | 26249 | 50 | \$0.26 |
|  | 1.5  | 1.7 | 44  | 0.53 | 14 | 26250 | 50 | \$0.26 |
|  | 2.0  | 1.9 | 49  | 0.61 | 16 | 26252 | 50 | \$0.29 |
|  | 2.5  | 2.1 | 54  | 0.69 | 17 | 26254 | 50 | \$0.29 |
|  | 3.0  | 2.4 | 61  | 0.75 | 19 | 26256 | 50 | \$0.36 |
|  | 3.5  | 2.6 | 65  | 0.85 | 21 | 26258 | 50 | \$0.38 |
|  | 4.0  | 2.7 | 68  | 0.87 | 22 | 26260 | 50 | \$0.38 |
|  | 4.5  | 2.9 | 73  | 1.00 | 25 | 26262 | 50 | \$0.55 |
|  | 5.0  | 3.1 | 78  | 1.06 | 27 | 26264 | 50 | \$0.55 |
|  | 5.5  | 3.3 | 83  | 1.14 | 29 | 26266 | 25 | \$0.90 |
|  | 6    | 3.5 | 88  | 1.22 | 31 | 26268 | 25 | \$0.90 |
|  | 7    | 3.7 | 93  | 1.30 | 33 | 26270 | 25 | \$1.44 |
|  | 8    | 3.9 | 98  | 1.38 | 35 | 26272 | 25 | \$1.44 |
|  | 9    | 4.0 | 102 | 1.46 | 37 | 26274 | 25 | \$2.50 |
|  | 10   | 4.3 | 109 | 1.54 | 39 | 26276 | 10 | \$2.50 |
|  | 11   | 4.5 | 115 | 1.63 | 42 | 26278 | 10 | \$5.38 |
|  | 12   | 4.8 | 122 | 1.73 | 44 | 26280 | 10 | \$5.38 |
|  | 14   | 5.4 | 136 | 2.15 | 55 |       |    |        |
|  | 17   | 6.1 | 156 | 2.42 | 61 |       |    |        |
|  | 19   | 6.9 | 175 | 2.72 | 69 |       |    |        |

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- 25° angle allows natural hand and wrist movement
- Superior Ball End strength and working angle
- Works in hard to reach places

GoldGuard™ finish.  
Real 14 karat Gold

Ball End Tips



| Sets          | PART# | MODEL#  | PCS | LENGTH | CONTENTS   | QTY | LIST    |
|---------------|-------|---------|-----|--------|--|-----|---------|
| <b>Inch</b>   | 37938 | BLX10G  | 10  | Long   | 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"                  | 1   | \$16.46 |
|               | 37936 | BLX12G  | 12  | Long   | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16"      | 1   | \$20.54 |
|               | 37937 | BLX13G  | 13  | Long   | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$26.34 |
| <b>Metric</b> | 38046 | BLX6MG  | 6   | Long   | 1.5, 2, 2.5, 3, 4, 5mm   | 1   | \$9.73  |
|               | 38092 | BLX7MG  | 7   | Long   | 1.5, 2, 2.5, 3, 4, 5, 6mm  | 1   | \$13.04 |
|               | 38099 | BLX9MG  | 9   | Long   | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm   | 1   | \$21.32 |
|               | 38095 | BLX15MG | 15  | Long   | 1.27, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10mm                | 1   | \$35.81 |

| Singles            | SIZE | INCH |                  | MM   |                 | PART# | QTY | LIST EA | PART# | QTY | LIST EA |
|--------------------|------|------|------------------|------|-----------------|-------|-----|---------|-------|-----|---------|
|                    |      | BULK | SINGLE PACKAGING |      | TAGGED/BARCODED |       |     |         |       |     |         |
|                    |      | INCH | MM               | INCH | MM              |       |     |         |       |     |         |
| <b>LONG Inch</b>   | .050 | 2.8  | 72               | 0.53 | 13              | 27902 | 50  | \$1.08  | 37902 | 10  | \$1.35  |
|                    | 1/16 | 3.0  | 76               | 0.56 | 14              | 27903 | 50  | \$1.08  | 37903 | 10  | \$1.35  |
|                    | 5/64 | 3.2  | 81               | 0.61 | 15              | 27904 | 50  | \$1.08  | 37904 | 10  | \$1.35  |
|                    | 3/32 | 3.4  | 86               | 0.65 | 16              | 27905 | 50  | \$1.24  | 37905 | 10  | \$1.41  |
|                    | 7/64 | 3.6  | 90               | 0.70 | 18              | 27906 | 50  | \$1.37  | 37906 | 10  | \$1.61  |
|                    | 1/8  | 3.8  | 95               | 0.75 | 19              | 27907 | 50  | \$1.51  | 37907 | 10  | \$1.68  |
|                    | 9/64 | 4.0  | 101              | 0.80 | 20              | 27908 | 50  | \$1.51  | 37908 | 10  | \$1.68  |
|                    | 5/32 | 4.2  | 107              | 0.84 | 21              | 27909 | 50  | \$1.57  | 37909 | 10  | \$1.73  |
|                    | 3/16 | 4.5  | 114              | 0.94 | 24              | 27910 | 50  | \$1.77  | 37910 | 10  | \$2.00  |
|                    | 7/32 | 4.9  | 124              | 1.03 | 26              | 27911 | 25  | \$2.30  | 37911 | 5   | \$2.39  |
|                    | 1/4  | 5.6  | 141              | 1.13 | 29              | 27912 | 25  | \$2.68  | 37912 | 5   | \$2.76  |
|                    | 5/16 | 6.0  | 152              | 1.25 | 32              | 27913 | 25  | \$4.25  | 37913 | 5   | \$4.38  |
|                    | 3/8  | 6.8  | 171              | 1.38 | 35              | 27914 | 25  | \$5.96  | 37914 | 5   | \$6.18  |
|                    | 7/16 | 7.5  | 191              | 1.50 | 38              |       | -   | -       | 37915 | 1   | \$11.32 |
|                    | 1/2  | 8.3  | 210              | 1.63 | 41              |       | -   | -       | 37916 | 1   | \$14.15 |
|                    | 9/16 | 9.0  | 229              | 1.75 | 44              |       | -   | -       | 37917 | 1   | \$18.01 |
|                    | 5/8  | 9.8  | 248              | 1.88 | 48              |       | -   | -       | 37918 | 1   | \$20.59 |
|                    | 3/4  | 11.3 | 286              | 2.13 | 54              |       | -   | -       | 37919 | 1   | \$30.88 |
| <b>LONG Metric</b> | 1.27 | 2.8  | 72               | 0.53 | 13              | 28049 | 50  | \$1.08  | 38049 | 10  | \$1.35  |
|                    | 1.5  | 3.0  | 77               | 0.53 | 14              | 28050 | 50  | \$1.08  | 38050 | 10  | \$1.35  |
|                    | 2.0  | 3.2  | 82               | 0.61 | 16              | 28052 | 50  | \$1.08  | 38052 | 10  | \$1.35  |
|                    | 2.5  | 3.5  | 88               | 0.69 | 17              | 28054 | 50  | \$1.24  | 38054 | 10  | \$1.41  |
|                    | 3.0  | 3.9  | 98               | 0.75 | 19              | 28056 | 50  | \$1.37  | 38056 | 10  | \$1.61  |
|                    | 3.5  | 3.9  | 100              | 0.85 | 21              | 28058 | 50  | \$1.57  | 38058 | 1   | \$1.73  |
|                    | 4.0  | 4.3  | 110              | 0.87 | 22              | 28060 | 50  | \$1.57  | 38060 | 10  | \$1.73  |
|                    | 4.5  | 4.5  | 114              | 1.00 | 25              | 28062 | 50  | \$1.77  | 38062 | 1   | \$2.00  |
|                    | 5.0  | 4.7  | 119              | 1.06 | 27              | 28064 | 50  | \$1.98  | 38064 | 5   | \$2.17  |
|                    | 5.5  | 4.9  | 124              | 1.14 | 29              | 28066 | 25  | \$2.49  | 38066 | 1   | \$2.57  |
|                    | 6    | 5.5  | 139              | 1.22 | 31              | 28068 | 25  | \$2.76  | 38068 | 5   | \$2.90  |
|                    | 7    | 5.5  | 140              | 1.30 | 33              | 28070 | 25  | \$3.81  | 38070 | 1   | \$3.92  |
|                    | 8    | 6.0  | 152              | 1.38 | 35              | 28072 | 25  | \$4.52  | 38072 | 5   | \$4.70  |
|                    | 9    | 6.2  | 159              | 1.46 | 37              | 28074 | 25  | \$5.57  | 38074 | 1   | \$5.59  |
|                    | 10   | 6.7  | 171              | 1.54 | 39              | 28076 | 10  | \$6.82  | 38076 | 5   | \$6.88  |
|                    | 11   | 7.9  | 200              | 1.63 | 42              | 28078 | 10  | \$11.27 | 38078 | 1   | \$11.32 |
|                    | 12   | 8.7  | 220              | 1.73 | 44              | 28080 | 10  | \$11.27 | 38080 | 1   | \$11.32 |
|                    | 14   | 10.2 | 260              | 2.15 | 55              |       | -   | -       | 38084 | 1   | \$16.09 |
|                    | 17   | 11.0 | 280              | 2.42 | 61              |       | -   | -       | 38086 | 1   | \$24.45 |
|                    | 19   | 11.6 | 295              | 2.70 | 69              |       | -   | -       | 38088 | 1   | \$30.88 |

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Protanium® Steel tools are up to 20% stronger than competitor tools made from standard grades of steel.

**Hex End L-Wrenches****- GoldGuard™ Finish -**

- Chamfered tool tips eliminate burrs and help tools seat in screw head
- Sharp corners transfer more torque to the screw and reduce stripping
- Precision machined for ease of use and superior fit

GoldGuard™ finish.  
Real 14 karat Gold**L-Wrenches**

| Sets          | PART# | MODEL#  | PCS | LENGTH | CONTENTS   | QTY | LIST    |
|---------------|-------|---------|-----|--------|--|-----|---------|
| <b>Inch</b>   | 38138 | HLX10G  | 10  | Long   | 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"                  | 1   | \$8.95  |
|               | 38136 | HLX12G  | 12  | Long   | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16"      | 1   | \$12.68 |
|               | 38137 | HLX13G  | 13  | Long   | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$16.72 |
|               | 38238 | HLX10SG | 10  | Short  | 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"                  | 1   | \$7.40  |
|               | 38236 | HLX12SG | 12  | Short  | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16"      | 1   | \$8.95  |
|               | 38237 | HLX13SG | 13  | Short  | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$11.95 |
| <b>Metric</b> | 39146 | HLX6MG  | 6   | Long   | 1.5, 2, 2.5, 3, 4, 5mm   | 1   | \$7.71  |
|               | 39192 | HLX7MG  | 7   | Long   | 1.5, 2, 2.5, 3, 4, 5, 6mm  | 1   | \$9.94  |
|               | 39199 | HLX9MG  | 9   | Long   | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm   | 1   | \$15.84 |
|               | 39195 | HLX15MG | 15  | Long   | 1.27, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10mm                | 1   | \$28.26 |
|               | 38246 | HLX6MSG | 6   | Short  | 1.5, 2, 2.5, 3, 4, 5mm   | 1   | \$6.20  |
|               | 38292 | HLX7MSG | 7   | Short  | 1.5, 2, 2.5, 3, 4, 5, 6mm  | 1   | \$7.56  |
|               | 38299 | HLX9MSG | 9   | Short  | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm   | 1   | \$11.07 |

| SINGLE PACKAGING |             |           |     |                   |    |       |     | SINGLE PACKAGING |                |    |           |                   |      |     |       |     |         |    |        |
|------------------|-------------|-----------|-----|-------------------|----|-------|-----|------------------|----------------|----|-----------|-------------------|------|-----|-------|-----|---------|----|--------|
| BULK             |             |           |     | TAGGED / BARCODED |    |       |     | BULK             |                |    |           | TAGGED / BARCODED |      |     |       |     |         |    |        |
| <b>Singles</b>   |             | SIZE INCH | MM  | INCH              | MM | PART# | QTY | LIST EA          | <b>Singles</b> |    | SIZE INCH | MM                | INCH | MM  | PART# | QTY | LIST EA |    |        |
| <b>Inch</b>      | <b>Long</b> |           |     |                   |    |       |     |                  | <b>Short</b>   |    |           |                   |      |     |       |     |         |    |        |
|                  | .028        | 2.6       | 66  | 0.22              | 6  | 28100 | 50  | \$0.51           | 38100          | 10 | \$0.90    | .028              | 1.2  | 31  | 0.22  | 6   | 28200   | 50 | \$0.39 |
|                  | .035        | 2.7       | 68  | 0.34              | 9  | 28101 | 50  | \$0.51           | 38101          | 10 | \$0.90    | .035              | 1.2  | 31  | 0.34  | 9   | 28201   | 50 | \$0.39 |
|                  | .050        | 2.8       | 72  | 0.53              | 13 | 28102 | 50  | \$0.35           | 38102          | 10 | \$0.54    | .050              | 1.6  | 42  | 0.53  | 13  | 28202   | 50 | \$0.27 |
|                  | 1/16        | 3.0       | 76  | 0.56              | 14 | 28103 | 50  | \$0.39           | 38103          | 10 | \$0.57    | 1/16              | 1.8  | 45  | 0.56  | 14  | 28203   | 50 | \$0.27 |
|                  | 5/64        | 3.2       | 81  | 0.61              | 15 | 28104 | 50  | \$0.39           | 38104          | 10 | \$0.57    | 5/64              | 1.9  | 48  | 0.61  | 15  | 28204   | 50 | \$0.30 |
|                  | 3/32        | 3.4       | 86  | 0.65              | 16 | 28105 | 50  | \$0.50           | 38105          | 10 | \$0.71    | 3/32              | 2.0  | 51  | 0.65  | 16  | 28205   | 50 | \$0.30 |
|                  | 7/64        | 3.6       | 90  | 0.70              | 18 | 28106 | 50  | \$0.50           | 38106          | 10 | \$0.71    | 7/64              | 2.1  | 54  | 0.70  | 18  | 28206   | 50 | \$0.36 |
|                  | 1/8         | 3.8       | 95  | 0.75              | 19 | 28107 | 50  | \$0.50           | 38107          | 10 | \$0.71    | 1/8               | 2.3  | 58  | 0.75  | 19  | 28207   | 50 | \$0.36 |
|                  | 9/64        | 4.0       | 101 | 0.80              | 20 | 28108 | 50  | \$0.57           | 38108          | 10 | \$0.84    | 9/64              | 2.4  | 61  | 0.80  | 20  | 28208   | 50 | \$0.39 |
|                  | 5/32        | 4.2       | 107 | 0.84              | 21 | 28109 | 50  | \$0.57           | 38109          | 10 | \$0.84    | 5/32              | 2.5  | 64  | 0.84  | 21  | 28209   | 50 | \$0.39 |
|                  | 3/16        | 4.5       | 114 | 0.94              | 24 | 28110 | 50  | \$0.90           | 38110          | 10 | \$1.22    | 3/16              | 2.8  | 70  | 0.94  | 24  | 28210   | 50 | \$0.57 |
|                  | 7/32        | 4.9       | 124 | 1.03              | 26 | 28111 | 25  | \$1.48           | 38111          | 5  | \$1.73    | 7/32              | 3.0  | 77  | 1.03  | 26  | 28211   | 25 | \$0.92 |
|                  | 1/4         | 5.3       | 133 | 1.13              | 29 | 28112 | 25  | \$1.48           | 38112          | 5  | \$1.73    | 1/4               | 3.3  | 83  | 1.13  | 29  | 28212   | 25 | \$0.92 |
|                  | 5/16        | 6.0       | 152 | 1.25              | 32 | 28113 | 25  | \$2.57           | 38113          | 5  | \$2.90    | 5/16              | 3.8  | 96  | 1.25  | 32  | 28213   | 25 | \$1.48 |
|                  | 3/8         | 6.8       | 171 | 1.38              | 35 | 28114 | 25  | \$4.06           | 38114          | 5  | \$4.51    | 3/8               | 4.3  | 108 | 1.38  | 35  | 28214   | 25 | \$2.57 |
|                  | 7/16        | 7.5       | 191 | 1.50              | 38 |       |     |                  | 38115          | 1  | \$9.26    | 7/16              | 4.8  | 121 | 1.50  | 38  |         |    |        |
|                  | 1/2         | 8.3       | 210 | 1.63              | 41 |       |     |                  | 38116          | 1  | \$9.26    | 1/2               | 5.3  | 133 | 1.63  | 41  |         |    |        |
|                  | 9/16        | 9.0       | 229 | 1.75              | 44 |       |     |                  | 38117          | 1  | \$10.30   | 9/16              | 5.8  | 146 | 1.75  | 44  |         |    |        |
|                  | 5/8         | 9.8       | 248 | 1.88              | 48 |       |     |                  | 38118          | 1  | \$14.81   | 5/8               | 6.3  | 159 | 1.88  | 48  |         |    |        |
|                  | 3/4         | 11.3      | 286 | 2.13              | 54 |       |     |                  | 38119          | 1  | \$19.95   | 3/4               | 7.3  | 184 | 2.13  | 54  |         |    |        |
| <b>Metric</b>    | <b>Long</b> |           |     |                   |    |       |     |                  | <b>Short</b>   |    |           |                   |      |     |       |     |         |    |        |
|                  | .71         | 2.6       | 66  | 0.22              | 6  | 29147 | 50  | \$0.51           | 39147          | 10 | \$0.90    | .71               | 1.2  | 31  | 0.22  | 6   | 28247   | 50 | \$0.39 |
|                  | .89         | 2.7       | 68  | 0.34              | 9  | 29148 | 50  | \$0.51           | 39148          | 10 | \$0.90    | .89               | 1.2  | 31  | 0.34  | 9   | 28248   | 50 | \$0.39 |
|                  | 1.27        | 2.8       | 72  | 0.53              | 13 | 29149 | 50  | \$0.35           | 39149          | 10 | \$0.54    | 1.27              | 1.6  | 42  | 0.53  | 13  | 28249   | 50 | \$0.27 |
|                  | 1.5         | 3.0       | 77  | 0.53              | 14 | 29150 | 50  | \$0.39           | 39150          | 10 | \$0.57    | 1.5               | 1.7  | 44  | 0.53  | 14  | 28250   | 50 | \$0.27 |
|                  | 2.0         | 3.2       | 82  | 0.61              | 16 | 29152 | 50  | \$0.39           | 39152          | 10 | \$0.57    | 2.0               | 1.9  | 49  | 0.61  | 16  | 28252   | 50 | \$0.30 |
|                  | 2.5         | 3.5       | 88  | 0.69              | 17 | 29154 | 50  | \$0.50           | 39154          | 10 | \$0.71    | 2.5               | 2.1  | 54  | 0.69  | 17  | 28254   | 50 | \$0.30 |
|                  | 3.0         | 3.9       | 98  | 0.75              | 19 | 29156 | 50  | \$0.50           | 39156          | 10 | \$0.71    | 3.0               | 2.4  | 61  | 0.75  | 19  | 28256   | 50 | \$0.36 |
|                  | 3.5         | 3.9       | 100 | 0.85              | 21 | 29158 | 50  | \$0.57           | 39158          | 1  | \$0.84    | 3.5               | 2.6  | 65  | 0.85  | 21  | 28258   | 50 | \$0.39 |
|                  | 4.0         | 4.3       | 110 | 0.87              | 22 | 29160 | 50  | \$0.57           | 39160          | 10 | \$0.84    | 4.0               | 2.7  | 68  | 0.87  | 22  | 28260   | 50 | \$0.39 |
|                  | 4.5         | 4.5       | 114 | 1.00              | 25 | 29162 | 50  | \$0.90           | 39162          | 1  | \$1.22    | 4.5               | 2.9  | 73  | 1.00  | 25  | 28262   | 50 | \$0.57 |
|                  | 5.0         | 4.7       | 119 | 1.06              | 27 | 29164 | 50  | \$0.90           | 39164          | 5  | \$1.22    | 5.0               | 3.1  | 78  | 1.06  | 27  | 28264   | 50 | \$0.57 |
|                  | 5.5         | 4.9       | 124 | 1.14              | 29 | 29166 | 25  | \$1.48           | 39166          | 1  | \$1.73    | 5.5               | 3.3  | 83  | 1.14  | 29  | 28266   | 25 | \$0.92 |
|                  | 6           | 5.5       | 139 | 1.22              | 31 | 29168 | 25  | \$1.48           | 39168          | 5  | \$1.73    | 6                 | 3.5  | 88  | 1.22  | 31  | 28268   | 25 | \$0.92 |
|                  | 7           | 5.5       | 140 | 1.30              | 33 | 29170 | 25  | \$2.57           | 39170          | 1  | \$2.90    | 7                 | 3.7  | 93  | 1.30  | 33  | 28270   | 25 | \$1.48 |
|                  | 8           | 6.0       | 152 | 1.38              | 35 | 29172 | 25  | \$2.57           | 39172          | 5  | \$2.90    | 8                 | 3.9  | 98  | 1.38  | 35  | 28272   | 25 | \$1.48 |
|                  | 9           | 6.2       | 159 | 1.46              | 37 | 29174 | 25  | \$4.06           | 39174          | 1  | \$4.51    | 9                 | 4.0  | 102 | 1.46  | 37  | 28274   | 25 | \$2.57 |
|                  | 10          | 6.7       | 171 | 1.54              | 39 | 29176 | 10  | \$4.06           | 39176          | 5  | \$4.51    | 10                | 4.3  | 109 | 1.54  | 39  | 28276   | 10 | \$2.57 |
|                  | 11          | 7.9       | 200 | 1.63              | 42 | 29178 | 10  | \$9.08           | 39178          | 1  | \$9.26    | 11                | 4.5  | 115 | 1.63  | 42  | 28278   | 10 | \$5.53 |
|                  | 12          | 8.7       | 220 | 1.73              | 44 | 29180 | 10  | \$9.08           | 39180          | 1  | \$9.26    | 12                | 4.8  | 122 | 1.73  | 44  | 28280   | 10 | \$5.53 |
|                  | 14          | 10.2      | 260 | 2.15              | 55 |       |     |                  | 39184          | 1  | \$10.30   | 14                | 5.4  | 136 | 2.15  | 55  |         |    |        |
|                  | 17          | 11.0      | 280 | 2.42              | 61 |       |     |                  | 39186          | 1  | \$14.15   | 17                | 6.1  | 156 | 2.42  | 61  |         |    |        |
|                  | 19          | 11.6      | 295 | 2.70              | 69 |       |     |                  | 39188          | 1  | \$18.66   | 19                | 6.9  | 175 | 2.72  | 69  |         |    |        |

Made in the U.S.A.



All Bondhus® tools are made with Protanium® High Torque Steel.

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WWW.SWIFTTOOL.COM

**TORX® Tip Tools**

Color Coded

■ TORX®



High Torque Steel:

Up to 20% stronger, with more torque and twice the wear resistance of standard grades of steel.

**FINISH OPTIONS:**

Corrosion-resistant finish:

Environmentally safe, provides better tool grip, resists solvents and is 5 times more corrosion resistant than competitor finishes.

Visit us online at [www.bondhus.com](http://www.bondhus.com) for more information on Bondhus products

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Made in the U.S.A.

[WWW.SWIFTTOOL.COM](http://WWW.SWIFTTOOL.COM)**Bondhus TORX® Tip Tools**

Bondhus TORX® Tip tools are made to the same high standards as every tool we make. Our TORX® Tip tools are precision machined, available in several handle and tip types, and are the only TORX® tools made from ProTanium® High Torque Steel. Bondhus TORX® and TORX PLUS® Tip tools fit TORX®, Star and Star Plus screws.



L-Wrenches

23-24



Wing and Flag Tools

25



Fold Ups

28-29



T-Handles

35



Screwdrivers

40-41



Socket Bits

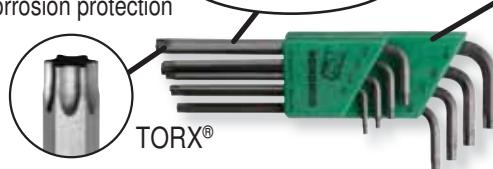
49

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**TORX® L-Wrenches****- ProGuard™ Finish -**

- Fits all TORX® and Star screws
- Broad contact surface provides deep lobe engagement
- Straight, vertical sidewalls increase tool engagement and virtually eliminates camout

ProGuard™ finish delivers superior corrosion protection



Tools are in color coded cases for easy recognition  
Green=TORX®

| Sets         | PART# | MODEL# | PCS | LENGTH | CONTENTS  | QTY | LIST    |
|--------------|-------|--------|-----|--------|---|-----|---------|
| <b>TORX®</b> | 31832 | TLX8S  | 8   | Long   | T6, T7, T8, T9, T10, T15, T20, T25                                      | 1   | \$19.15 |
|              | 31834 | TLX8   | 8   | Long   | T9, T10, T15, T20, T25, T27, T30, T40                                   | 1   | \$16.51 |
|              | 31732 | TLX8S  | 8   | Short  | T6, T7, T8, T9, T10, T15, T20, T25                                      | 1   | \$16.66 |
|              | 31734 | TLX8   | 8   | Short  | T9, T10, T15, T20, T25, T27, T30, T40                                   | 1   | \$14.39 |
|              | 12699 | TLX9S  | 9   | Short  | T10, T15, T20, T25, T27, T30, T40, T45, T50 (in pouch)                  | 1   | \$20.49 |
|              | 31737 | TLX13S | 13  | Short  | T7, T8, T9, T10, T15, T20, T25, T27, T30, T40, T45, T50, T55 (in pouch) | 1   | \$30.17 |

SINGLE PACKAGING



BULK

TAGGED/BARCODED

SINGLE PACKAGING



BULK



TAGGED/BARCODED

| Singles      | SIZE | INCH | MM  | INCH | MM | PART# | QTY | LIST EA | PART# | QTY | LIST EA | SIZE | INCH | MM | INCH | MM | PART# | QTY | LIST EA | PART# | QTY | LIST EA |
|--------------|------|------|-----|------|----|-------|-----|---------|-------|-----|---------|------|------|----|------|----|-------|-----|---------|-------|-----|---------|
| <b>Long</b>  |      |      |     |      |    |       |     |         |       |     |         |      |      |    |      |    |       |     |         |       |     |         |
| <b>TORX®</b> | T6   | 2.1  | 55  | 0.65 | 16 | 32806 | 25  | \$3.05  | 31806 | 5   | \$3.39  | T5   | 0.9  | 23 | 0.65 | 16 | 32705 | 25  | \$2.64  | 31705 | 5   | \$2.93  |
|              | T7   | 2.4  | 61  | 0.65 | 16 | 32807 | 25  | \$2.74  | 31807 | 5   | \$3.04  | T6   | 1.1  | 29 | 0.65 | 16 | 32706 | 25  | \$2.64  | 31706 | 5   | \$2.93  |
|              | T8   | 2.6  | 67  | 0.65 | 16 | 32808 | 25  | \$2.74  | 31808 | 5   | \$3.04  | T7   | 1.4  | 35 | 0.65 | 16 | 32707 | 25  | \$2.34  | 31707 | 5   | \$2.64  |
|              | T9   | 2.9  | 74  | 0.65 | 16 | 32809 | 25  | \$2.74  | 31809 | 5   | \$3.04  | T8   | 1.6  | 42 | 0.65 | 16 | 32708 | 25  | \$2.34  | 31708 | 5   | \$2.64  |
|              | T10  | 3.2  | 80  | 0.73 | 19 | 32810 | 25  | \$1.29  | 31810 | 5   | \$1.69  | T9   | 1.9  | 48 | 0.65 | 16 | 32709 | 25  | \$2.34  | 31709 | 5   | \$2.64  |
|              | T15  | 3.3  | 84  | 0.78 | 20 | 32815 | 25  | \$1.40  | 31815 | 5   | \$1.76  | T10  | 2.2  | 55 | 0.73 | 19 | 32710 | 25  | \$1.35  | 31710 | 5   | \$1.46  |
|              | T20  | 3.6  | 91  | 0.78 | 20 | 32820 | 25  | \$1.50  | 31820 | 5   | \$1.82  | T15  | 2.3  | 59 | 0.78 | 20 | 32715 | 25  | \$1.35  | 31715 | 5   | \$1.52  |
|              | T25  | 3.8  | 98  | 0.88 | 22 | 32825 | 25  | \$1.76  | 31825 | 5   | \$1.94  | T20  | 2.6  | 66 | 0.78 | 20 | 32720 | 25  | \$1.46  | 31720 | 5   | \$1.64  |
|              | T27  | 4.2  | 106 | 0.95 | 24 | 32827 | 25  | \$1.76  | 31827 | 5   | \$1.99  | T25  | 2.8  | 72 | 0.88 | 22 | 32725 | 25  | \$1.52  | 31725 | 5   | \$1.69  |
|              | T30  | 4.6  | 116 | 1.03 | 26 | 32830 | 25  | \$1.97  | 31830 | 5   | \$2.23  | T27  | 3.2  | 81 | 0.95 | 24 | 32727 | 25  | \$1.58  | 31727 | 5   | \$1.76  |
|              | T40  | 4.9  | 125 | 1.11 | 28 | 32840 | 25  | \$2.17  | 31840 | 5   | \$2.40  | T30  | 3.6  | 90 | 1.03 | 26 | 32730 | 5   | \$1.69  | 31730 | 5   | \$1.87  |
|              | T45  | 5.4  | 138 | 1.20 | 30 | 32845 | 10  | \$2.74  | 31845 | 2   | \$3.27  | T40  | 3.9  | 99 | 1.11 | 28 | 32740 | 25  | \$1.87  | 31740 | 5   | \$2.10  |
|              | T50  | 6.2  | 156 | 1.25 | 32 | 32850 | 10  | \$3.36  | 31850 | 2   | \$4.10  | T45  | 3.9  | 98 | 1.20 | 30 | 32745 | 10  | \$2.34  | 31745 | 2   | \$2.58  |
|              | T55  | 6.7  | 171 | 1.36 | 34 | 32855 | 10  | \$5.38  | 31855 | 2   | \$6.15  | T50  | 3.8  | 97 | 1.25 | 32 | 32750 | 10  | \$2.64  | 31750 | 2   | \$2.93  |
|              | T60  | 7.2  | 182 | 1.75 | 44 | 32860 | 10  | \$7.13  | 31860 | 2   | \$8.08  | T55  | 3.8  | 95 | 1.36 | 34 | 32755 | 10  | \$4.51  | 31755 | 2   | \$4.98  |
|              |      |      |     |      |    |       |     |         |       |     |         | T60  | 3.7  | 93 | 1.75 | 44 | 32760 | 10  | \$6.31  | 31760 | 2   | \$7.02  |

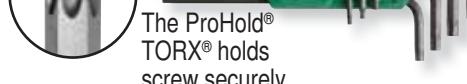
**ProHold® TORX® L-Wrenches****- ProGuard™ Finish -**

- Fits all TORX® and Star screws
- Holds screw tight on the tool EVERY TIME
- Button is non-magnetic
- Broad contact surface provides deep lobe engagement

ProGuard™ finish delivers superior corrosion protection



Tools are in color coded cases for easy recognition  
Green=TORX®



The ProHold® TORX® holds screw securely

| Set                     | PART# | MODEL# | PCS | LENGTH | CONTENTS                              | QTY   | LIST    |         |       |   |         |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------|-------|--------|-----|--------|---------------------------------------|-------|---------|---------|-------|---|---------|--|--|--|--|--|--|--|--|--|--|--|
| <b>TORX®</b>            | 71834 | PHTX8  | 8   | Long   | T9, T10, T15, T20, T25, T27, T30, T40 | 1     | \$24.84 |         |       |   |         |  |  |  |  |  |  |  |  |  |  |  |
| <b>SINGLE PACKAGING</b> |       |        |     |        |                                       |       |         |         |       |   |         |  |  |  |  |  |  |  |  |  |  |  |
| <b>LONG</b>             | T9    | 2.9    | 74  | 0.65   | 16                                    | 72809 | 25      | \$4.10  | 71809 | 5 | \$4.55  |  |  |  |  |  |  |  |  |  |  |  |
| <b>TORX®</b>            | T10   | 3.2    | 80  | 0.73   | 19                                    | 72810 | 25      | \$2.05  | 71810 | 5 | \$2.59  |  |  |  |  |  |  |  |  |  |  |  |
|                         | T15   | 3.3    | 84  | 0.78   | 20                                    | 72815 | 25      | \$2.34  | 71815 | 5 | \$2.64  |  |  |  |  |  |  |  |  |  |  |  |
|                         | T20   | 3.6    | 91  | 0.78   | 20                                    | 72820 | 25      | \$2.45  | 71820 | 5 | \$2.74  |  |  |  |  |  |  |  |  |  |  |  |
|                         | T25   | 3.8    | 98  | 0.88   | 22                                    | 72825 | 25      | \$2.64  | 71825 | 5 | \$2.90  |  |  |  |  |  |  |  |  |  |  |  |
|                         | T27   | 4.2    | 106 | 0.95   | 24                                    | 72827 | 25      | \$2.69  | 71827 | 5 | \$2.95  |  |  |  |  |  |  |  |  |  |  |  |
|                         | T30   | 4.6    | 116 | 1.03   | 26                                    | 72830 | 25      | \$2.98  | 71830 | 5 | \$3.36  |  |  |  |  |  |  |  |  |  |  |  |
|                         | T40   | 4.9    | 125 | 1.11   | 28                                    | 72840 | 25      | \$3.27  | 71840 | 5 | \$3.62  |  |  |  |  |  |  |  |  |  |  |  |
|                         | T45   | 5.4    | 138 | 1.20   | 30                                    | 72845 | 10      | \$4.44  | 71845 | 2 | \$4.92  |  |  |  |  |  |  |  |  |  |  |  |
|                         | T50   | 6.2    | 156 | 1.25   | 32                                    | 72850 | 10      | \$5.55  | 71850 | 2 | \$6.16  |  |  |  |  |  |  |  |  |  |  |  |
|                         | T55   | 6.7    | 171 | 1.36   | 34                                    | 72855 | 10      | \$8.31  | 71855 | 2 | \$9.26  |  |  |  |  |  |  |  |  |  |  |  |
|                         | T60   | 7.2    | 182 | 1.75   | 44                                    | 72860 | 10      | \$10.87 | 71860 | 2 | \$12.11 |  |  |  |  |  |  |  |  |  |  |  |

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Made in the U.S.A.



All Bondhus® tools are made with Protanium® High Torque Steel.

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**BallStar™ Tip L-Wrenches****- ProGuard™ Finish -**

- Fits all TORX® and Star screws
- Ball End inserts into screws at a 20° angle
- Ball End saves time by quickly funneling tool into screw
- Superior Ball End strength and working angle
- Works in hard to reach places



| Sets              | PART# | MODEL# | PCS | LENGTH | CONTENTS                              | QTY | LIST    |
|-------------------|-------|--------|-----|--------|---------------------------------------|-----|---------|
| <b>BALL STAR™</b> | 11346 | LTX6   | 6   | Long   | T6, T7, T8, T9, T10, T15              | 1   | \$31.46 |
|                   | 11331 | LTX8S  | 8   | Long   | T6, T7, T8, T9, T10, T15, T20, T25    | 1   | \$43.52 |
|                   | 11332 | LTX8   | 8   | Long   | T9, T10, T15, T20, T25, T27, T30, T40 | 1   | \$49.01 |



TAGGED/BARCODED

| Singles           | SIZE | INCH | MM  | INCH | MM | PART# | QTY | LIST EA |
|-------------------|------|------|-----|------|----|-------|-----|---------|
| <b>BALL STAR™</b> | T6   | 2.1  | 55  | 0.65 | 16 | 11706 | 5   | \$5.07  |
|                   | T7   | 2.4  | 61  | 0.65 | 16 | 11707 | 5   | \$5.07  |
|                   | T8   | 2.6  | 67  | 0.65 | 16 | 11708 | 5   | \$5.07  |
|                   | T9   | 2.9  | 74  | 0.65 | 16 | 11709 | 5   | \$5.07  |
|                   | T10  | 3.2  | 80  | 0.73 | 19 | 11710 | 5   | \$5.49  |
|                   | T15  | 3.3  | 84  | 0.78 | 20 | 11715 | 5   | \$5.68  |
|                   | T20  | 3.6  | 91  | 0.78 | 20 | 11720 | 5   | \$5.85  |
|                   | T25  | 3.8  | 98  | 0.88 | 22 | 11725 | 5   | \$6.28  |
|                   | T27  | 4.2  | 106 | 0.95 | 24 | 11727 | 5   | \$6.49  |
|                   | T30  | 4.6  | 116 | 1.03 | 26 | 11730 | 5   | \$6.68  |
|                   | T40  | 4.9  | 125 | 1.11 | 28 | 11740 | 5   | \$7.48  |
|                   | T45  | 5.4  | 138 | 1.20 | 30 | 11745 | 1   | \$8.91  |
|                   | T50  | 6.2  | 156 | 1.25 | 32 | 11750 | 1   | \$9.93  |
|                   | T55  | 6.7  | 171 | 1.36 | 34 | 11755 | 1   | \$13.39 |

**Tamper Resistant TORX® L-Wrenches****- ProGuard™ Finish -**

- Fits all TORX® and Star tamper resistant screws
- Broad contact surface provides deep lobe engagement
- Straight, vertical sidewalls increase tool engagement and virtually eliminates camout



| Sets         | PART# | MODEL#  | PCS | LENGTH | CONTENTS                                      | QTY | LIST    |
|--------------|-------|---------|-----|--------|---|-----|---------|
| <b>TORX®</b> | 32432 | TR-TL8S | 8   | Long   | TR6, TR7, TR8, TR9, TR10, TR15, TR20, TR25    | 1   | \$29.24 |
|              | 32434 | TR-TL8  | 8   | Long   | TR9, TR10, TR15, TR20, TR25, TR27, TR30, TR40 | 1   | \$25.00 |



Tamper Resistant TORX® Tips

| Singles           | SIZE | INCH | MM  | INCH | MM | PART# | QTY | LIST EA | PART# | QTY | LIST EA |
|-------------------|------|------|-----|------|----|-------|-----|---------|-------|-----|---------|
| <b>LONG TORX®</b> | TR6  | 2.1  | 55  | 0.65 | 16 | 33406 | 25  | \$4.55  | 32406 | 2   | \$5.07  |
|                   | TR7  | 2.4  | 61  | 0.65 | 16 | 33407 | 25  | \$4.22  | 32407 | 2   | \$4.68  |
|                   | TR8  | 2.6  | 67  | 0.65 | 16 | 33408 | 25  | \$4.22  | 32408 | 2   | \$4.68  |
|                   | TR9  | 2.9  | 74  | 0.65 | 16 | 33409 | 25  | \$4.22  | 32409 | 2   | \$4.68  |
|                   | TR10 | 3.2  | 80  | 0.73 | 19 | 33410 | 25  | \$2.23  | 32410 | 2   | \$2.58  |
|                   | TR15 | 3.3  | 84  | 0.78 | 20 | 33415 | 25  | \$2.28  | 32415 | 2   | \$2.69  |
|                   | TR20 | 3.6  | 91  | 0.78 | 20 | 33420 | 25  | \$2.40  | 32420 | 2   | \$2.80  |
|                   | TR25 | 3.8  | 98  | 0.88 | 22 | 33425 | 25  | \$2.51  | 32425 | 2   | \$2.93  |
|                   | TR27 | 4.2  | 106 | 0.95 | 24 | 33427 | 25  | \$2.75  | 32427 | 2   | \$3.04  |
|                   | TR30 | 4.6  | 116 | 1.03 | 26 | 33430 | 25  | \$2.79  | 32430 | 2   | \$3.34  |
|                   | TR40 | 4.9  | 125 | 1.11 | 28 | 33440 | 25  | \$2.93  | 32440 | 2   | \$3.45  |

**Did you know...?**

ProGuard® protection is a permanent solution that does not wipe off like common oil and black oxide finishes; tools remain in good condition with up to 5 times the resistance to rust and corrosion.

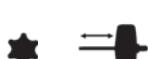
**TORX® Wing Tools****- ProGuard™ Finish -**

- Fits all TORX® and TORX PLUS® screws
- Fits all Star and Star Plus screws
- ComfortGrip Handles – soft rubber outer coating for maximum comfort and grip
- Broad contact surface provides deep lobe engagement
- Straight, vertical sidewalls increase tool engagement and virtually eliminates camout

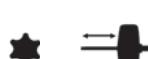
ProGuard™ finish  
delivers superior  
corrosion protection



| Sets         | PART# | MODEL# | PCS | TIP        | CONTENTS                             | QTY | LIST    |
|--------------|-------|--------|-----|------------|--------------------------------------|-----|---------|
| <b>TORX®</b> | 34745 | TWX7   | 7   | TORX®      | T6, T7, T8, T9, T10, T15, T20        | 1   | \$29.29 |
|              | 33945 | TPWX7  | 7   | TORX PLUS® | TP6, TP7, TP8, TP9, TP10, TP15, TP20 | 1   | \$33.74 |



PACKAGED



PACKAGED



33945

| Singles      | SIZE | INCH | MM    | PART# | QTY    | LIST EA |
|--------------|------|------|-------|-------|--------|---------|
| <b>TORX®</b> |      |      |       |       |        |         |
| T6           | 1.5  | 39   | 34706 | 2     | \$3.67 |         |
| T7           | 1.5  | 39   | 34707 | 2     | \$3.67 |         |
| T8           | 1.5  | 39   | 34708 | 2     | \$3.67 |         |
| T9           | 1.5  | 39   | 34709 | 2     | \$3.67 |         |
| T10          | 1.5  | 39   | 34710 | 2     | \$3.67 |         |
| T15          | 1.5  | 39   | 34715 | 2     | \$3.67 |         |
| T20          | 1.5  | 39   | 34720 | 2     | \$3.67 |         |

| SIZE              | INCH | MM | PART# | QTY | LIST EA |
|-------------------|------|----|-------|-----|---------|
| <b>TORX PLUS®</b> |      |    |       |     |         |
| TP6               | 2.0  | 52 | 33906 | 2   | \$3.89  |
| TP7               | 2.0  | 52 | 33907 | 2   | \$3.89  |
| TP8               | 2.0  | 52 | 33908 | 2   | \$3.89  |
| TP9               | 2.0  | 52 | 33909 | 2   | \$4.38  |
| TP10              | 2.0  | 52 | 33910 | 2   | \$4.38  |
| TP15              | 2.0  | 52 | 33915 | 2   | \$4.65  |
| TP20              | 2.0  | 52 | 33920 | 2   | \$5.13  |

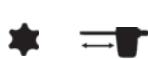
**TORX® Flag Tools****- ProGuard™ Finish -**

- Fits all TORX® and TORX PLUS® screws
- Fits all Star and Star Plus screws
- ComfortGrip Handles – soft rubber outer coating for maximum comfort and grip
- Broad contact surface provides deep lobe engagement
- Straight, vertical sidewalls increase tool engagement and virtually eliminates camout

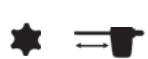
ProGuard™ finish  
delivers superior  
corrosion protection



| Sets         | PART# | MODEL# | PCS | TIP        | CONTENTS                             | QTY | LIST    |
|--------------|-------|--------|-----|------------|--------------------------------------|-----|---------|
| <b>TORX®</b> | 34445 | TFX7   | 7   | TORX®      | T6, T7, T8, T9, T10, T15, T20        | 1   | \$28.05 |
|              | 35045 | TPFX7  | 7   | TORX PLUS® | TP6, TP7, TP8, TP9, TP10, TP15, TP20 | 1   | \$32.55 |



PACKAGED



PACKAGED



34445

| Singles      | SIZE | INCH | MM    | PART# | QTY    | LIST EA |
|--------------|------|------|-------|-------|--------|---------|
| <b>TORX®</b> |      |      |       |       |        |         |
| T5           | 1.5  | 39   | 34405 | 2     | \$3.52 |         |
| T6           | 1.5  | 39   | 34406 | 2     | \$3.52 |         |
| T7           | 1.5  | 39   | 34407 | 2     | \$3.52 |         |
| T8           | 1.5  | 39   | 34408 | 2     | \$3.52 |         |
| T9           | 1.5  | 39   | 34409 | 2     | \$3.52 |         |
| T10          | 1.5  | 39   | 34410 | 2     | \$3.52 |         |
| T15          | 1.5  | 39   | 34415 | 2     | \$3.52 |         |
| T20          | 1.5  | 39   | 34420 | 2     | \$3.52 |         |

| SIZE              | INCH | MM | PART# | QTY | LIST EA |
|-------------------|------|----|-------|-----|---------|
| <b>TORX PLUS®</b> |      |    |       |     |         |
| TP6               | 2.0  | 52 | 35006 | 2   | \$3.73  |
| TP7               | 2.0  | 52 | 35007 | 2   | \$3.73  |
| TP8               | 2.0  | 52 | 35008 | 2   | \$3.73  |
| TP9               | 2.0  | 52 | 35009 | 2   | \$4.22  |
| TP10              | 2.0  | 52 | 35010 | 2   | \$4.22  |
| TP15              | 2.0  | 52 | 35015 | 2   | \$4.43  |
| TP20              | 2.0  | 52 | 35020 | 2   | \$4.92  |

TORX® and TORX PLUS® are registered trademarks of Acument Intellectual Properties, LLC



All Bondhus® tools are made with Protanium® High Torque Steel.

# Fold Ups


**Color Coded**

- █ Inch
- █ Metric
- █ TORX®
- █ Inch/Metric
- █ Motorcycle
- █ Utility



High Torque Steel:

Up to 20% stronger, with more torque and twice the wear resistance of standard grades of steel.

**FINISH OPTIONS:**


Corrosion-resistant finish:

Environmentally safe, provides better tool grip, resists solvents and is 5 times more corrosion resistant than competitor finishes.



Next generation chrome finish:

Traditional plated tool look with superior protection and durability.



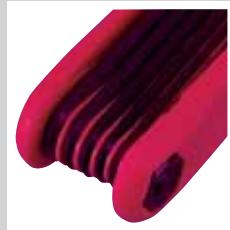
Real 14 karat gold finish:

Superior protection and durability over traditional chrome and the look and shine of real gold.

- Patented handle design makes every job faster and easier
- Durable GorillaGrip® handle is stronger than steel handles
- Tool user can adjust tool tension

## Designed with the Tool User in mind

A Bondhus Fold Up is a tool for life. When designing the GorillaGrip® Fold Up, Bondhus engineers eliminated the problems of the average folding tool. GorillaGrip® Fold Up tools are stronger, more comfortable and easier to use.



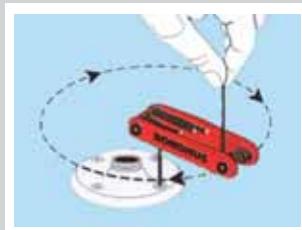
Patented Flutes allow for easy selection of one tool at a time.



Blades are accessed from both the top and bottom, eliminating the constant 'unstacking' of blades.



Turn & Flip Feature eliminates constant removal and repositioning in screw head when working against obstructions.



90° stop converts the tool into a non-stop, time saving, speed wrench.

TORX® and TORX PLUS® are trademarks of Acument Intellectual Properties, LLC

**GorillaGrip® Fold Up Multi Packs****Fold Ups****- ProGuard™ Finish -**

- Assembled from our most popular Fold Up sets
- Multiple Fold Up sets per package
- Tip selections include Hex End and TORX® Tip



| QTY | LIST    |
|-----|---------|
| 1   | \$15.11 |
| 1   | \$22.30 |
| 1   | \$29.55 |

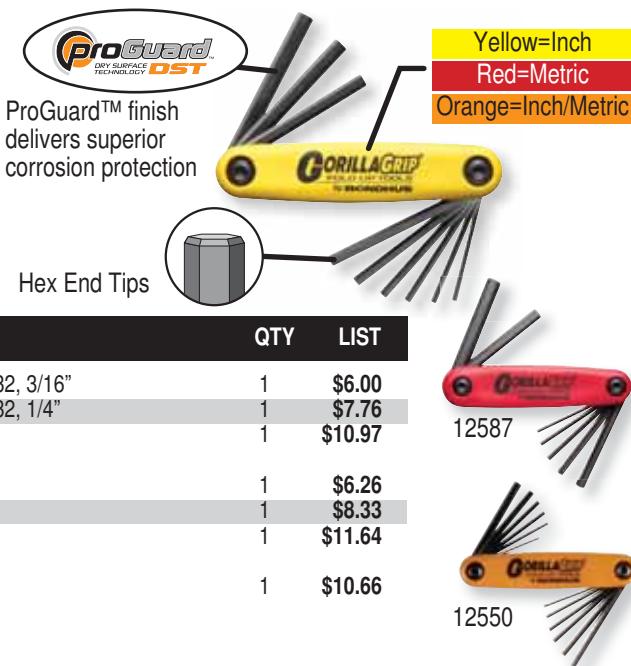


12522

**Hex End GorillaGrip® Fold Ups****- ProGuard™ Finish -**

- Chamfered tool tips eliminate burrs and help tools seat in screws
- World's strongest handle
- Speed-Wrench feature
- Tools open from both the top and bottom
- Molded-in 90° stop
- Patented spacers between tools

| Sets            | PART# | MODEL# | PCS | CONTENTS   | QTY | LIST    |
|-----------------|-------|--------|-----|--|-----|---------|
| Inch            | 12591 | HF9S   | 9   | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16"         | 1   | \$6.00  |
|                 | 12589 | HF9    | 9   | 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"          | 1   | \$7.76  |
|                 | 12585 | HF5    | 5   | 3/16, 7/32, 1/4, 5/16, 3/8"                                  | 1   | \$10.97 |
| Metric          | 12592 | HF7MS  | 7   | 1.5, 2, 2.5, 3, 4, 5, 6mm                                    | 1   | \$6.26  |
|                 | 12587 | HF7M   | 7   | 2, 2.5, 3, 4, 5, 6, 8mm                                      | 1   | \$8.33  |
|                 | 12595 | HF6M   | 6   | 3, 4, 5, 6, 8, 10mm  | 1   | \$11.64 |
| Inch/<br>Metric | 12550 | HF12   | 12  | 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"<br>1.5, 2, 2.5, 3, 4, 5mm | 1   | \$10.66 |

**Ball End GorillaGrip® Fold Ups****- ProGuard™ Finish -**

- Ball End inserts into a screw at a 25° angle
- World's strongest handle
- Speed-Wrench feature
- Tools open from both the top and bottom
- Molded-in 90° stop
- Patented spacers between tools

| Sets   | PART# | MODEL# | PCS | CONTENTS                    | QTY | LIST    |
|--------|-------|--------|-----|-----------------------------|-----|---------|
| Inch   | 12894 | BF5    | 5   | 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$15.27 |
| Metric | 12897 | BF5M   | 5   | 5, 6, 7, 8, 10mm            | 1   | \$15.27 |



TORX® and TORX PLUS® are registered trademarks of Acument Intellectual Properties, LLC

Made in the U.S.A.



All Bondhus® tools are made with Protanium® High Torque Steel.

INFO@SWIFTTOOL.COM

WWW.SWIFTTOOL.COM

# **TORX® GorillaGrip® Fold Ups**

## - ProGuard™ Finish -

- Fits all TORX® and Star screws
- World's strongest handle
- Speed-Wrench feature
- Tools open from both the top and bottom
- Molded-in 90° stop
- Patented spacers between tools



ProGuard™ finish  
delivers superior  
corrosion protection

TORX®



Handles are color  
coded for easy  
recognition  
Green=TORX®

| Sets         | PART# | MODEL# | PCS | CONTENTS                              | QTY | LIST    |
|--------------|-------|--------|-----|---------------------------------------|-----|---------|
| <b>TORX®</b> | 12632 | TF8S   | 8   | T6, T7, T8, T9, T10, T15, T20, T25    | 1   | \$15.01 |
|              | 12634 | TF8    | 8   | T9, T10, T15, T20, T25, T27, T30, T40 | 1   | \$15.37 |

## **Tamper Resistant TORX® GorillaGrip® Fold Ups**

### - ProGuard™ Finish -

- Fits all TORX® and Star tamper resistant screws
- World's strongest handle
- Speed-Wrench feature
- Tools open from both the top and bottom
- Molded-in 90° stop
- Patented spacers between tools



ProGuard™ finish  
delivers superior  
corrosion protection

Tamper Resistant TORX®



Handles are color  
coded for easy  
recognition  
Green=TORX®

| Sets         | PART# | MODEL#  | PCS | CONTENTS                                      | QTY | LIST    |
|--------------|-------|---------|-----|---|-----|---------|
| <b>TORX®</b> | 12636 | TR-TF7S | 7   | TR7, TR8, TR9, TR10, TR15, TR20, TR25         | 1   | \$15.27 |
|              | 12638 | TR-TF8  | 8   | TR9, TR10, TR15, TR20, TR25, TR27, TR30, TR40 | 1   | \$18.01 |

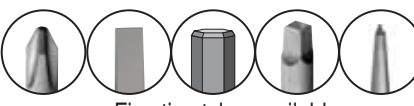
## **Utility GorillaGrip® Fold Ups**

### - ProGuard™ Finish -

- Wide selection of tool tips
- World's strongest handle
- Speed-Wrench feature
- Tools open from both the top and bottom
- Molded-in 90° stop
- Patented spacers between tools



ProGuard™ finish  
delivers superior  
corrosion protection



Five tip styles available

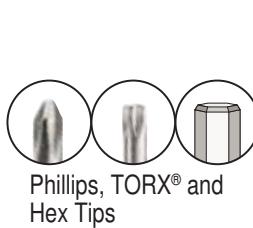


Handles are color  
coded for easy  
recognition  
Teal=Utility

| Sets           | PART# | MODEL# | PCS | CONTENTS                                | QTY | LIST   |
|----------------|-------|--------|-----|---|-----|--------|
| <b>Utility</b> | 12540 | HFU5   | 5   | PH #1; Slotted 3/16"; Hex 4, 5, 6mm     | 1   | \$7.97 |
|                | 12543 | RFU5   | 5   | PH #1, #2; Slotted 3/16"; Square #1, #2 | 1   | \$7.97 |
|                | 12545 | AFU5   | 5   | PH #1, #2; Slotted 1/8, 3/16"; Awl      | 1   | \$7.97 |
|                | 12547 | FU5    | 5   | PH #1, #2; Slotted 1/8, 3/16, 1/4"      | 1   | \$7.97 |

**Hawg Buddy GorillaGrip® Motorcycle Fold Up****- BriteGuard™ Finish -**

- Designed for making all common adjustments to Harley Davidson® motorcycles
- World's strongest handle
- Speed-Wrench feature
- Tools open from both the top and bottom
- Molded-in 90° stop



**BriteGuard**  
FINISH

BriteGuard™ finish,  
next generation  
chrome



\*Harley Davidson® is a Registered Trademark of Harley Davidson Motorcycles

| Set   | PART# | MODEL# | PCS | CONTENTS                                    | QTY | LIST    |
|-------|-------|--------|-----|---|-----|---------|
| 12531 | FUHB7 |        | 7   | PH #2; T27, T40; Hex 5/32, 3/16, 1/4, 5/16" | 1   | \$24.68 |

**Cycle Buddy GorillaGrip® Motorcycle Fold Up****- GoldGuard™ Finish -**

- Designed for making all common adjustments to Japanese/European motorcycles
- Fits most ATVs
- World's strongest handle
- Speed-Wrench feature
- Tools open from both the top and bottom
- Molded-in 90° stop



**GoldGuard**  
FINISH

GoldGuard™ finish.  
Real 14 karat Gold



| Set   | PART# | MODEL# | PCS | CONTENTS                   | QTY | LIST    |
|-------|-------|--------|-----|----------------------------|-----|---------|
| 12594 | FUCB6 |        | 6   | PH #2; Hex 3, 4, 5, 6, 8mm | 1   | \$24.68 |

**Metal Fold Ups****- ProGuard™ Finish -**

- Chamfered tool tips eliminate burrs and help tools seat in screw head
- Sharp corners transfer torque to screw more efficiently and reduce stripping
- Precision machined for ease of use and superior fit



**ProGuard**  
DRY SURFACE TECHNOLOGY DST

ProGuard™ finish  
delivers superior  
corrosion protection



| Sets          | PART# | MODEL# | PCS | CONTENTS   | QTY | LIST    |
|---------------|-------|--------|-----|--|-----|---------|
| <b>Inch</b>   | 14590 | MHF8   | 8   | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"       | 1   | \$4.71  |
|               | 14591 | MHF9S  | 9   | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16" | 1   | \$5.49  |
|               | 14589 | MHF9   | 9   | 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"  | 1   | \$6.93  |
|               | 14585 | MHF5   | 5   | 3/16, 7/32, 1/4, 5/16, 3/8"                          | 1   | \$9.78  |
| <b>Metric</b> | 14592 | MHF7MS | 7   | 1.5, 2, 2.5, 3, 4, 5, 6mm                            | 1   | \$5.69  |
|               | 14587 | MHF7M  | 7   | 2, 2.5, 3, 4, 5, 6, 8mm                              | 1   | \$7.45  |
|               | 14595 | MHF6M  | 6   | 3, 4, 5, 6, 8, 10mm                                  | 1   | \$10.35 |
| <b>TORX®</b>  | 14532 | MTF8S  | 8   | T6, T7, T8, T9, T10, T15, T20, T25                   | 1   | \$13.51 |
|               | 14534 | MTF8   | 8   | T9, T10, T15, T20, T25, T27, T30, T40                | 1   | \$13.51 |

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Made in the U.S.A.

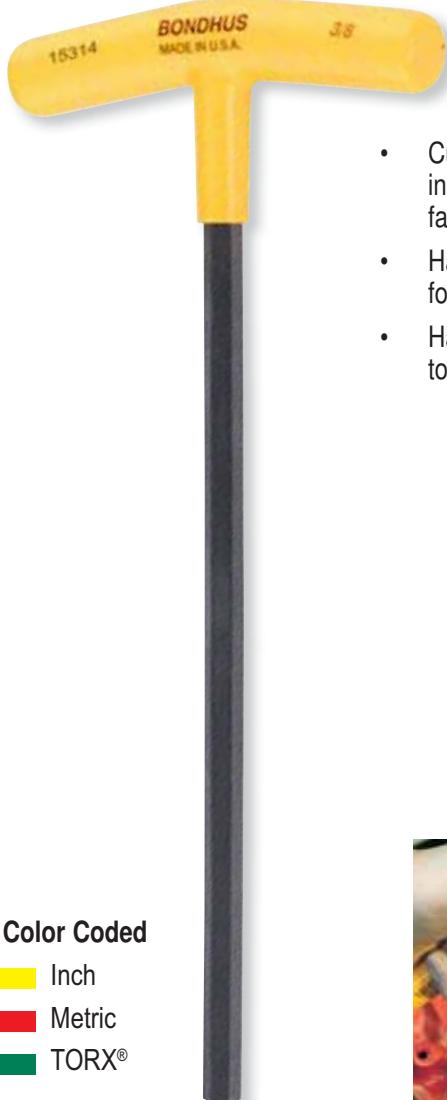


All Bondhus® tools are made with Protanium® High Torque Steel.

[INFO@SWIFTTOOL.COM](mailto:INFO@SWIFTTOOL.COM)

[WWW.SWIFTTOOL.COM](http://WWW.SWIFTTOOL.COM)

# T-Handles



- Cushioned, curved handle increases comfort and reduces fatigue
- Handle is welded directly to blade for a tool that will last a lifetime
- Handles are designed to match torque capacity of blade

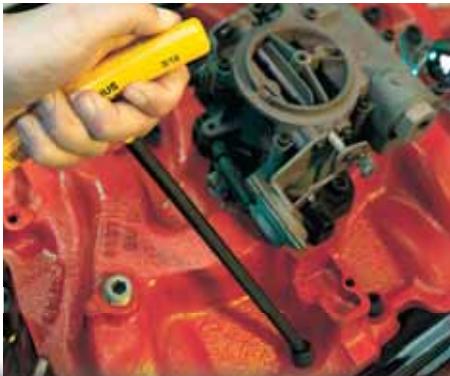
## Color Coded

- Inch
- Metric
- TORX®



High Torque Steel:

Up to 20% stronger, with more torque and twice the wear resistance of standard grades of steel.



## FINISH OPTIONS:

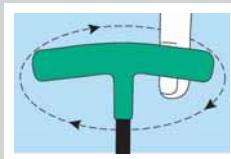


Corrosion-resistant finish:

Environmentally safe, provides better tool grip, resists solvents and is 5 times more corrosion resistant than competitor finishes.

## A Better T-Handle

Bondhus T-Handles are built to be comfortable, strong and durable. The welded handle and blade joint guarantees a permanent connection. The form-fitting handle fits the curve of the user's hand.



The Bondhus solid steel handle is heavy duty and generates a flywheel effect for super fast insertion and removal of screws.



The Bondhus T-Handle is curved to match the shape of the hand. This design is ergonomically superior to old fashioned straight handles.



Handle and blade are securely welded and will never loosen or slip.



Bondhus is the only company to engineer our handles to match the blade's torque capacity. Tool user's can always feel confident in their tool's strength.

TORX® and TORX PLUS® are trademarks of Acument Intellectual Properties, LLC

**Ball End T-Handles****- ProGuard™ Finish -**

- Solid steel handles
- Welded handle/blade connection
- Ergonomic handle design
- Flywheel effect saves time
- Smooth, non-porous handle coating
- Handle coating extends along blade

ProGuard™ finish  
delivers superior  
corrosion protection



Ball End Tips

Handles are color  
coded for easy  
recognition  
Yellow=Inch  
Red=Metric

| Sets                    | PART#  | MODEL#    | PCS | LENGTH    | W/STAND | CONTENTS   | QTY | LIST    |
|-------------------------|--------|-----------|-----|-----------|---------|--|-----|---------|
| <b>Inch</b>             | 13146  | BTX60     | 6   | Graduated |         | 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"                        | 1   | \$42.90 |
|                         | 13190* | BTX10/S   | 10  | Graduated | ✓       | 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$61.69 |
|                         | 13138* | BTX10     | 10  | Graduated |         | 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$57.86 |
| <b>Metric</b>           | 13148  | BTX50M    | 5   | Graduated |         | 4, 5, 6, 8, 10mm   | 1   | \$36.85 |
|                         | 13189* | BTX80M/S  | 8   | Graduated | ✓       | 2, 2.5, 3, 4, 5, 6, 8, 10mm                              | 1   | \$51.23 |
|                         | 13187* | BTX80M    | 8   | Graduated |         | 2, 2.5, 3, 4, 5, 6, 8, 10mm                              | 1   | \$47.40 |
| <b>Inch/<br/>Metric</b> | 13199* | BTX9IN/MM | 9   | Graduated |         | 1/8, 5/32, 3/16, 1/4, 5/16" & 3, 4, 5, 6mm               | 1   | \$51.74 |

\*The 3/32, 7/64, 1/8, and 9/64 inch blades, and the 2, 2.5 and 3mm blades are straight hex blades to prevent breakage.

✓ Comes with stand

| Singles       | SIZE | INCH | MM  | INCH | MM  | PART#      | QTY | LIST EA |
|---------------|------|------|-----|------|-----|------------|-----|---------|
| <b>Inch</b>   | 3/32 | 6.1  | 154 | 3.0  | 76  | 13205 Hex* | 2   | \$3.93  |
|               | 7/64 | 6.8  | 173 | 3.0  | 76  | 13206 Hex* | 2   | \$4.22  |
|               | 1/8  | 7.6  | 192 | 3.0  | 76  | 13207 Hex* | 2   | \$4.47  |
|               | 9/64 | 8.3  | 211 | 3.0  | 76  | 13208 Hex* | 2   | \$4.74  |
|               | 5/32 | 9.1  | 231 | 3.0  | 76  | 13109      | 2   | \$5.15  |
|               | 3/16 | 9.8  | 250 | 4.0  | 102 | 13110      | 2   | \$5.43  |
|               | 7/32 | 10.3 | 262 | 4.0  | 102 | 13111      | 2   | \$6.39  |
|               | 1/4  | 10.8 | 275 | 4.0  | 102 | 13112      | 2   | \$6.55  |
|               | 5/16 | 11.4 | 289 | 5.0  | 127 | 13113      | 2   | \$10.03 |
|               | 3/8  | 11.8 | 300 | 5.0  | 127 | 13114      | 2   | \$11.06 |
| <b>Metric</b> | 2.0  | 5.9  | 150 | 3.0  | 76  | 13252 Hex* | 2   | \$4.47  |
|               | 2.5  | 6.8  | 172 | 3.0  | 76  | 13254 Hex* | 2   | \$4.47  |
|               | 3.0  | 7.7  | 196 | 3.0  | 76  | 13256 Hex* | 2   | \$4.74  |
|               | 4.0  | 8.7  | 220 | 3.0  | 76  | 13160      | 2   | \$5.42  |
|               | 5.0  | 9.7  | 246 | 4.0  | 102 | 13164      | 2   | \$6.23  |
|               | 6    | 10.5 | 266 | 4.0  | 102 | 13168      | 2   | \$6.77  |
|               | 8    | 11.2 | 285 | 5.0  | 127 | 13172      | 2   | \$10.18 |
|               | 10   | 12.1 | 307 | 5.0  | 127 | 13176      | 2   | \$11.16 |

## TAGGED/BARCODED

| PART#      | QTY | LIST EA |
|------------|-----|---------|
| 53205 Hex* | 2   | \$4.48  |
| 53206 Hex* | 2   | \$4.76  |
| 53207 Hex* | 2   | \$5.11  |
| 53208 Hex* | 2   | \$5.38  |
| 53109      | 2   | \$5.91  |
| 53110      | 2   | \$6.19  |
| 53111      | 2   | \$7.25  |
| 53112      | 2   | \$7.42  |
| 53113      | 2   | \$11.00 |
| 53114      | 2   | \$12.04 |



\*The 3/32, 7/64, 1/8, and 9/64 inch blades, and the 2, 2.5 and 3mm blades are straight hex blades to prevent breakage.

**Molded T-Handle Stands**

- Extremely durable design
- Can be used free standing or wall mounted
- Sizes are clearly marked on stand
- Available in Inch, Metric, or TORX® configurations

| PART# | DESCRIPTION  | QTY | LIST EA |
|-------|--------------|-----|---------|
| 17936 | Inch Stand   | 1   | \$3.47  |
| 17935 | Metric Stand | 1   | \$3.47  |
| 17934 | TORX® Stand  | 1   | \$3.47  |



Set stand on bench  
or mount on wall.

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Made in the U.S.A.



All Bondhus® tools are made with Protanium® High Torque Steel.

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**Did you know...?**

Welded T-Handle handle/blade connection increases strength and provides greater resistance to breakage. The tool user will never be stabbed in the hand by a blade that has broken free and pushed through the handle.

**ProHold® Tip Ball End T-Handles****T-Handles****- ProGuard™ Finish -**

- Holds screw tight on the tool EVERY TIME
- Button is non-magnetic
- Super smooth rotational action, with no interference from the ProHold® button
- Tool strength is not compromised by the ProHold® button
- Solid steel handles
- Welded handle/blade connection



| Sets   | PART# | MODEL#  | PCS | LENGTH    | W/STAND | CONTENTS                          | QTY | LIST    |
|--------|-------|---------|-----|-----------|---------|-----------------------------------|-----|---------|
| Inch   | 75146 | PBTX60  | 6   | Graduated |         | 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$47.82 |
| Metric | 75148 | PBTX50M | 5   | Graduated |         | 4, 5, 6, 8, 10mm                  | 1   | \$40.88 |

| Singles | SIZE | INCH | MM  | INCH | MM  | PART# | QTY | LIST EA |
|---------|------|------|-----|------|-----|-------|-----|---------|
| Inch    | 5/32 | 9.1  | 231 | 3.0  | 76  | 75109 | 2   | \$5.80  |
|         | 3/16 | 9.8  | 250 | 4.0  | 102 | 75110 | 2   | \$6.19  |
|         | 7/32 | 10.3 | 262 | 4.0  | 102 | 75111 | 2   | \$7.31  |
|         | 1/4  | 10.8 | 275 | 4.0  | 102 | 75112 | 2   | \$7.47  |
|         | 5/16 | 11.4 | 289 | 5.0  | 127 | 75113 | 2   | \$10.85 |
|         | 3/8  | 11.8 | 300 | 5.0  | 127 | 75114 | 2   | \$11.83 |
| Metric  | 4.0  | 8.7  | 220 | 3.0  | 76  | 75160 | 2   | \$6.07  |
|         | 5.0  | 9.7  | 246 | 4.0  | 102 | 75164 | 2   | \$7.06  |
|         | 6    | 10.5 | 266 | 4.0  | 102 | 75168 | 2   | \$7.69  |
|         | 8    | 11.2 | 285 | 5.0  | 127 | 75172 | 2   | \$10.99 |
|         | 10   | 12.1 | 307 | 5.0  | 127 | 75176 | 2   | \$11.95 |



75148



ProHold® button holds screw tight on the tool EVERY TIME



ProHold® buttons are non-magnetic and safe for use in electronic applications

**Hex End T-Handle Sets****- ProGuard™ Finish -**

- Solid steel handles
- Welded handle/blade connection
- Ergonomic handle design
- Flywheel effect saves time
- Smooth, non-porous handle coating
- Handle coating extends along blade



| Sets                    | PART# | MODEL#      | PCS | LENGTH    | W/STAND | CONTENTS   | QTY | LIST    |
|-------------------------|-------|-------------|-----|-----------|---------|--|-----|---------|
| <b>Inch</b>             | 13332 | HTX80       | 8   | Graduated |         | 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"            | 1   | \$32.86 |
|                         | 15232 | HTX80-6     | 8   | 6 inch    |         | 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"            | 1   | \$30.79 |
|                         | 15332 | HTX80-9     | 8   | 9 inch    |         | 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"            | 1   | \$44.61 |
|                         | 13390 | HTX10/S     | 10  | Graduated | ✓       | 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$52.42 |
|                         | 13338 | HTX10       | 10  | Graduated |         | 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$48.63 |
|                         | 15290 | HTX10/S-6   | 10  | 6 inch    | ✓       | 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$49.94 |
|                         | 15238 | HTX10-6     | 10  | 6 inch    |         | 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$46.21 |
|                         | 15390 | HTX10/S-9   | 10  | 9 inch    | ✓       | 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$69.19 |
|                         | 15338 | HTX10-9     | 10  | 9 inch    |         | 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$65.52 |
| <b>Metric</b>           | 13348 | HTX60M      | 6   | Graduated |         | 2, 2.5, 3, 4, 5, 6mm                                     | 1   | \$31.04 |
|                         | 15248 | HTX60M-6    | 6   | 6 inch    |         | 2, 2.5, 3, 4, 5, 6mm                                     | 1   | \$23.03 |
|                         | 15348 | HTX60M-9    | 6   | 9 inch    |         | 2, 2.5, 3, 4, 5, 6mm                                     | 1   | \$35.03 |
|                         | 13389 | HTX80M/S    | 8   | Graduated | ✓       | 2, 2.5, 3, 4, 5, 6, 8, 10mm                              | 1   | \$48.08 |
|                         | 13387 | HTX80M      | 8   | Graduated |         | 2, 2.5, 3, 4, 5, 6, 8, 10mm                              | 1   | \$44.30 |
|                         | 15289 | HTX80M/S-6  | 8   | 6 inch    | ✓       | 2, 2.5, 3, 4, 5, 6, 8, 10mm                              | 1   | \$44.61 |
|                         | 15287 | HTX80M-6    | 8   | 6 inch    |         | 2, 2.5, 3, 4, 5, 6, 8, 10mm                              | 1   | \$40.93 |
|                         | 15389 | HTX80M/S-9  | 8   | 9 inch    | ✓       | 2, 2.5, 3, 4, 5, 6, 8, 10mm                              | 1   | \$59.87 |
|                         | 15387 | HTX80M-9    | 8   | 9 inch    |         | 2, 2.5, 3, 4, 5, 6, 8, 10mm                              | 1   | \$56.15 |
| <b>Inch/<br/>Metric</b> | 15299 | HTX9-6IN/MM | 9   | 6 inch    |         | 1/8, 5/32, 3/16, 1/4, 5/16" & 3, 4, 5, 6mm               | 1   | \$41.39 |

✓ Comes with stand 17936 Inch or 17935 Metric



13389



13390



13348

**Bondhus**

Bondhus handles are permanently welded. There is no chance the blades will ever loosen. The tool user is in no danger of the blade pushing through the top of the handle and stabbing into the palm of the hand.

**Competitor**

The friction fit blades in competitors' T-Handles are not welded. They can loosen, slip, and even fall out or punch through the top of the handle.



For singles see page 34

**Hex End T-Handle Singles****- ProGuard™ Finish -**

- Solid steel handles
- Welded handle/blade connection
- Ergonomic handle design
- Flywheel effect saves time
- Smooth, non-porous handle coating
- Handle coating extends along blade



ProGuard™ finish  
delivers superior  
corrosion protection



Chamfered Hex  
Tips fit tighter and  
eliminate burrs



Handles are color  
coded for easy  
recognition  
Yellow=Inch  
Red=Metric

SINGLE PACKAGING



PACKAGED

TAGGED/BARCODED

**Singles**

SIZE INCH MM INCH MM PART# QTY LIST EA

SIZE INCH MM INCH MM PART# QTY LIST EA

PART# QTY LIST EA

**6" Length****Inch**

|      |     |     |     |     |       |   |         |
|------|-----|-----|-----|-----|-------|---|---------|
| 5/64 | 6.0 | 152 | 3.0 | 76  | 15204 | 2 | \$3.04  |
| 3/32 | 6.0 | 152 | 3.0 | 76  | 15205 | 2 | \$3.04  |
| 7/64 | 6.0 | 152 | 3.0 | 76  | 15206 | 2 | \$3.11  |
| 1/8  | 6.0 | 152 | 3.0 | 76  | 15207 | 2 | \$3.45  |
| 9/64 | 6.0 | 152 | 3.0 | 76  | 15208 | 2 | \$3.67  |
| 5/32 | 6.0 | 152 | 3.0 | 76  | 15209 | 2 | \$3.86  |
| 3/16 | 6.0 | 152 | 4.0 | 102 | 15210 | 2 | \$4.27  |
| 7/32 | 6.0 | 152 | 4.0 | 102 | 15211 | 2 | \$4.38  |
| 1/4  | 6.0 | 152 | 4.0 | 102 | 15212 | 2 | \$4.98  |
| 5/16 | 6.0 | 152 | 5.0 | 127 | 15213 | 2 | \$8.08  |
| 3/8  | 6.0 | 152 | 5.0 | 127 | 15214 | 2 | \$9.00  |
| 1/2  | 6.0 | 152 | 5.0 | 127 | 15216 | 1 | \$19.09 |
|      |     |     |     |     | 45216 | 1 | \$20.16 |

SINGLE PACKAGING

PACKAGED

TAGGED/BARCODED

**Singles**

SIZE INCH MM INCH MM PART# QTY LIST EA

PART# QTY LIST EA

**6" Length****Metric**

|     |     |     |     |     |       |   |         |
|-----|-----|-----|-----|-----|-------|---|---------|
| 2.0 | 6.0 | 152 | 3.0 | 76  | 15252 | 2 | \$3.11  |
| 2.5 | 6.0 | 152 | 3.0 | 76  | 15254 | 2 | \$3.11  |
| 3.0 | 6.0 | 152 | 3.0 | 76  | 15256 | 2 | \$3.39  |
| 4.0 | 6.0 | 152 | 3.0 | 76  | 15260 | 2 | \$3.86  |
| 5.0 | 6.0 | 152 | 4.0 | 102 | 15264 | 2 | \$4.22  |
| 6   | 6.0 | 152 | 4.0 | 102 | 15268 | 2 | \$5.38  |
| 7   | 6.0 | 152 | 4.0 | 102 | 15270 | 2 | \$8.48  |
| 8   | 6.0 | 152 | 5.0 | 127 | 15272 | 2 | \$8.48  |
| 9   | 6.0 | 152 | 5.0 | 127 | 15274 | 2 | \$9.41  |
| 10  | 6.0 | 152 | 5.0 | 127 | 15276 | 2 | \$9.41  |
|     |     |     |     |     | 45276 | 2 | \$10.38 |

SINGLE PACKAGING

PACKAGED

**Singles**

SIZE INCH MM INCH MM PART# QTY LIST EA

**9" Length****Inch**

|      |     |     |     |     |       |   |         |
|------|-----|-----|-----|-----|-------|---|---------|
| 5/64 | 9.0 | 229 | 3.0 | 76  | 15304 | 2 | \$4.61  |
| 3/32 | 9.0 | 229 | 3.0 | 76  | 15305 | 2 | \$4.61  |
| 7/64 | 9.0 | 229 | 3.0 | 76  | 15306 | 2 | \$4.91  |
| 1/8  | 9.0 | 229 | 3.0 | 76  | 15307 | 2 | \$5.21  |
| 9/64 | 9.0 | 229 | 3.0 | 76  | 15308 | 2 | \$5.35  |
| 5/32 | 9.0 | 229 | 3.0 | 76  | 15309 | 2 | \$5.52  |
| 3/16 | 9.0 | 229 | 4.0 | 102 | 15310 | 2 | \$5.62  |
| 7/32 | 9.0 | 229 | 4.0 | 102 | 15311 | 2 | \$6.63  |
| 1/4  | 9.0 | 229 | 4.0 | 102 | 15312 | 2 | \$6.79  |
| 5/16 | 9.0 | 229 | 5.0 | 127 | 15313 | 2 | \$9.92  |
| 3/8  | 9.0 | 229 | 5.0 | 127 | 15314 | 2 | \$10.95 |
| 1/2  | 9.0 | 229 | 5.0 | 127 | 15316 | 1 | \$24.20 |

**Graduated Length**

|      |     |     |     |     |       |   |        |
|------|-----|-----|-----|-----|-------|---|--------|
| 3/32 | 4.2 | 105 | 3.0 | 76  | 13305 | 2 | \$3.93 |
| 7/64 | 4.4 | 112 | 3.0 | 76  | 13306 | 2 | \$4.22 |
| 1/8  | 4.6 | 118 | 3.0 | 76  | 13307 | 2 | \$4.35 |
| 9/64 | 4.9 | 124 | 3.0 | 76  | 13308 | 2 | \$4.47 |
| 5/32 | 5.2 | 132 | 3.0 | 76  | 13309 | 2 | \$4.61 |
| 3/16 | 5.6 | 141 | 4.0 | 102 | 13310 | 2 | \$4.74 |
| 7/32 | 6.1 | 154 | 4.0 | 102 | 13311 | 2 | \$5.00 |
| 1/4  | 6.5 | 165 | 4.0 | 102 | 13312 | 2 | \$5.27 |
| 5/16 | 7.4 | 189 | 5.0 | 127 | 13313 | 2 | \$8.57 |
| 3/8  | 8.3 | 211 | 5.0 | 127 | 13314 | 2 | \$9.86 |

**Singles**

SIZE INCH MM INCH MM PART# QTY LIST EA

PART# QTY LIST EA

**9" Length****Metric**

|     |     |     |     |     |       |   |         |
|-----|-----|-----|-----|-----|-------|---|---------|
| 2.0 | 9.0 | 229 | 3.0 | 76  | 15352 | 2 | \$5.21  |
| 2.5 | 9.0 | 229 | 3.0 | 76  | 15354 | 2 | \$5.21  |
| 3.0 | 9.0 | 229 | 3.0 | 76  | 15356 | 2 | \$5.52  |
| 4.0 | 9.0 | 229 | 3.0 | 76  | 15360 | 2 | \$5.62  |
| 5.0 | 9.0 | 229 | 4.0 | 102 | 15364 | 2 | \$6.46  |
| 6   | 9.0 | 229 | 4.0 | 102 | 15368 | 2 | \$7.03  |
| 8   | 9.0 | 229 | 5.0 | 127 | 15372 | 2 | \$10.08 |
| 10  | 9.0 | 229 | 5.0 | 127 | 15376 | 2 | \$11.04 |

**14" Length**

SIZE INCH MM INCH MM PART# QTY LIST EA

PART# QTY LIST EA

|     |    |     |     |     |       |   |         |
|-----|----|-----|-----|-----|-------|---|---------|
| 3.0 | 14 | 356 | 3.0 | 76  | 16456 | 1 | \$7.76  |
| 4.0 | 14 | 356 | 3.0 | 76  | 16460 | 1 | \$9.21  |
| 5.0 | 14 | 356 | 4.0 | 102 | 16464 | 1 | \$9.47  |
| 6   | 14 | 356 | 4.0 | 102 | 16468 | 1 | \$11.64 |
| 8   | 14 | 356 | 5.0 | 127 | 16472 | 1 | \$12.21 |

**Graduated Length**

SIZE INCH MM INCH MM PART# QTY LIST EA

PART# QTY LIST EA

|     |     |     |     |     |       |   |         |
|-----|-----|-----|-----|-----|-------|---|---------|
| 2.0 | 4.0 | 100 | 3.0 | 76  | 13352 | 2 | \$4.47  |
| 2.5 | 4.3 | 110 | 3.0 | 76  | 13354 | 2 | \$4.47  |
| 3.0 | 4.7 | 120 | 3.0 | 76  | 13356 | 2 | \$4.74  |
| 4.0 | 5.3 | 136 | 3.0 | 76  | 13360 | 2 | \$5.14  |
| 5.0 | 5.9 | 150 | 4.0 | 102 | 13364 | 2 | \$5.80  |
| 6   | 6.8 | 173 | 4.0 | 102 | 13368 | 2 | \$6.46  |
| 8   | 7.9 | 202 | 5.0 | 127 | 13372 | 2 | \$9.09  |
| 10  | 9.1 | 232 | 5.0 | 127 | 13376 | 2 | \$10.40 |

For sets see page 33

**Loop T-Handles****- ProGuard™ Finish -**

- Chamfered tool tips eliminate burrs and help tools seat in screw head
- Sharp corners transfer more torque to the screw and reduce stripping
- Precision machined for ease of use and superior fit



ProGuard™ finish  
delivers superior  
corrosion protection



Chamfered Hex  
Tips fit tighter and  
eliminate burrs

| Sets          | PART# | MODEL#    | PCS | LENGTH | CONTENTS   | QTY | LIST    |
|---------------|-------|-----------|-----|--------|--|-----|---------|
| <b>Inch</b>   | 15432 | LTX80P-6  | 8   | 6 inch | 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"            | 1   | \$18.06 |
|               | 15438 | LTX10P-6  | 10  | 6 inch | 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$33.79 |
|               | 15532 | LTX80P-9  | 8   | 9 inch | 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"            | 1   | \$21.17 |
|               | 15538 | LTX10P-9  | 10  | 9 inch | 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$38.55 |
| <b>Metric</b> | 15448 | LTX50P-6  | 5   | 6 inch | 2.5, 3, 4, 5, 6mm  | 1   | \$14.49 |
|               | 15487 | LTX80MP-6 | 8   | 6 inch | 2, 2.5, 3, 4, 5, 6, 8, 10mm                              | 1   | \$29.55 |
|               | 15548 | LTX50P-9  | 5   | 9 inch | 2.5, 3, 4, 5, 6mm  | 1   | \$15.68 |
|               | 15587 | LTX80MP-9 | 8   | 9 inch | 2, 2.5, 3, 4, 5, 6, 8, 10mm                              | 1   | \$32.81 |



| Singles | SIZE | INCH | MM | INCH | MM | PART# | QTY | LIST EA |
|---------|------|------|----|------|----|-------|-----|---------|
|---------|------|------|----|------|----|-------|-----|---------|

**3" Blade Length**

|             |      |     |     |     |     |       |   |        |
|-------------|------|-----|-----|-----|-----|-------|---|--------|
| <b>Inch</b> | 3/32 | 3.6 | 90  | 2.8 | 70  | 15605 | 2 | \$1.23 |
|             | 7/64 | 3.6 | 91  | 2.8 | 70  | 15606 | 2 | \$1.23 |
|             | 1/8  | 3.6 | 92  | 3.0 | 76  | 15607 | 2 | \$1.28 |
|             | 9/64 | 3.7 | 93  | 3.0 | 76  | 15608 | 2 | \$1.40 |
|             | 5/32 | 3.7 | 94  | 3.0 | 76  | 15609 | 2 | \$1.50 |
|             | 3/16 | 3.8 | 95  | 4.0 | 102 | 15610 | 2 | \$1.89 |
|             | 7/32 | 3.8 | 97  | 4.0 | 102 | 15611 | 2 | \$2.55 |
|             | 1/4  | 3.9 | 98  | 4.0 | 102 | 15612 | 2 | \$2.92 |
|             | 5/16 | 4.4 | 111 | 6.0 | 152 | 15613 | 2 | \$5.11 |
|             | 3/8  | 4.5 | 114 | 6.0 | 152 | 15614 | 2 | \$6.22 |

**6" Blade Length**

|  |      |     |     |     |     |       |   |        |
|--|------|-----|-----|-----|-----|-------|---|--------|
|  | 3/32 | 6.6 | 167 | 2.8 | 70  | 15405 | 2 | \$1.44 |
|  | 7/64 | 6.6 | 167 | 2.8 | 70  | 15406 | 2 | \$1.51 |
|  | 1/8  | 6.6 | 168 | 3.0 | 76  | 15407 | 2 | \$1.51 |
|  | 9/64 | 6.7 | 169 | 3.0 | 76  | 15408 | 2 | \$1.69 |
|  | 5/32 | 6.7 | 170 | 3.0 | 76  | 15409 | 2 | \$1.81 |
|  | 3/16 | 6.8 | 171 | 4.0 | 102 | 15410 | 2 | \$2.23 |
|  | 7/32 | 6.8 | 173 | 4.0 | 102 | 15411 | 2 | \$3.01 |
|  | 1/4  | 6.9 | 175 | 4.0 | 102 | 15412 | 2 | \$3.37 |
|  | 5/16 | 7.4 | 187 | 6.0 | 152 | 15413 | 2 | \$6.15 |
|  | 3/8  | 7.5 | 191 | 6.0 | 152 | 15414 | 2 | \$7.59 |

**9" Blade Length**

|  |      |      |     |     |     |       |   |        |
|--|------|------|-----|-----|-----|-------|---|--------|
|  | 3/32 | 9.6  | 243 | 2.8 | 70  | 15505 | 2 | \$1.62 |
|  | 7/64 | 9.6  | 244 | 2.8 | 70  | 15506 | 2 | \$1.69 |
|  | 1/8  | 9.6  | 244 | 3.0 | 76  | 15507 | 2 | \$1.69 |
|  | 9/64 | 9.7  | 245 | 3.0 | 76  | 15508 | 2 | \$1.86 |
|  | 5/32 | 9.7  | 246 | 3.0 | 76  | 15509 | 2 | \$2.05 |
|  | 3/16 | 9.8  | 248 | 4.0 | 102 | 15510 | 2 | \$2.54 |
|  | 7/32 | 9.8  | 249 | 4.0 | 102 | 15511 | 2 | \$3.50 |
|  | 1/4  | 9.9  | 251 | 4.0 | 102 | 15512 | 2 | \$4.10 |
|  | 5/16 | 10.4 | 264 | 6.0 | 152 | 15513 | 2 | \$6.93 |
|  | 3/8  | 10.5 | 267 | 6.0 | 152 | 15514 | 2 | \$8.67 |



| Singles | SIZE | INCH | MM | INCH | MM | PART# | QTY | LIST EA |
|---------|------|------|----|------|----|-------|-----|---------|
|---------|------|------|----|------|----|-------|-----|---------|

**6" Blade Length**

|  |     |     |     |     |     |       |   |        |
|--|-----|-----|-----|-----|-----|-------|---|--------|
|  | 2.0 | 6.5 | 166 | 2.7 | 70  | 15452 | 2 | \$1.81 |
|  | 2.5 | 6.6 | 167 | 2.7 | 70  | 15454 | 2 | \$1.81 |
|  | 3   | 6.6 | 168 | 3.0 | 76  | 15456 | 2 | \$1.81 |
|  | 4   | 6.7 | 170 | 3.0 | 76  | 15460 | 2 | \$2.17 |
|  | 5   | 6.8 | 172 | 4.0 | 102 | 15464 | 2 | \$3.01 |
|  | 6   | 6.8 | 174 | 4.0 | 102 | 15468 | 2 | \$3.56 |
|  | 8   | 7.4 | 187 | 6.0 | 152 | 15472 | 2 | \$6.26 |
|  | 10  | 7.5 | 191 | 6.0 | 152 | 15476 | 2 | \$7.76 |

**9" Blade Length**

|  |     |      |     |     |     |       |   |        |
|--|-----|------|-----|-----|-----|-------|---|--------|
|  | 2.0 | 9.5  | 242 | 2.8 | 70  | 15552 | 2 | \$2.05 |
|  | 2.5 | 9.6  | 243 | 2.8 | 70  | 15554 | 2 | \$2.05 |
|  | 3   | 9.6  | 244 | 3.0 | 76  | 15556 | 2 | \$2.05 |
|  | 4   | 9.7  | 246 | 3.0 | 76  | 15560 | 2 | \$2.41 |
|  | 5   | 9.8  | 248 | 4.0 | 102 | 15564 | 2 | \$3.25 |
|  | 6   | 9.8  | 250 | 4.0 | 102 | 15568 | 2 | \$3.80 |
|  | 8   | 10.4 | 264 | 6.0 | 152 | 15572 | 2 | \$7.05 |
|  | 10  | 10.5 | 268 | 6.0 | 152 | 15576 | 2 | \$9.05 |



Made in the U.S.A.

All Bondhus® tools are made with Protanium® High Torque Steel.

INFO@SWIFTTOOL.COM

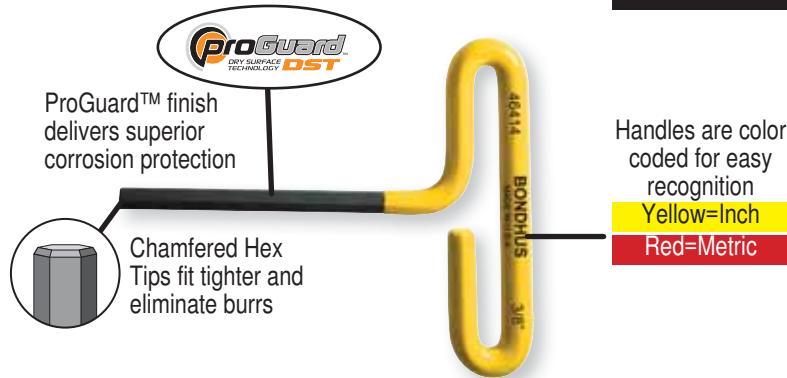
WWW.SWIFTTOOL.COM

# Cushion Grip Loop T-Handles

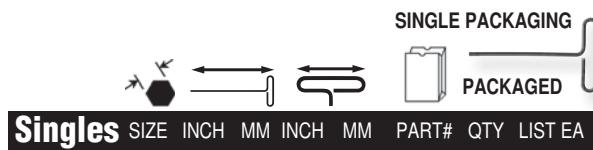
## - ProGuard™ Finish -

T-Handles

- Coated handles for user comfort
- Chamfered tool tips eliminate burrs and help tools seat in screw head
- Sharp corners transfer more torque to the screw and reduce stripping
- Precision machined for ease of use and superior fit



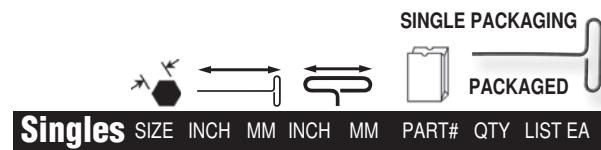
| Sets   | PART# | MODEL#    | PCS | LENGTH | CONTENTS   | QTY | LIST    |
|--------|-------|-----------|-----|--------|--|-----|---------|
| Inch   | 46438 | CTHX10-6  | 10  | 6 inch | 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$45.27 |
|        | 46538 | CTHX10-9  | 10  | 9 inch | 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$43.06 |
| Metric | 46487 | CTHX80M-6 | 8   | 6 inch | 2, 2.5, 3, 4, 5, 6, 8, 10mm                              | 1   | \$39.00 |
|        | 46587 | CTHX80M-9 | 8   | 9 inch | 2, 2.5, 3, 4, 5, 6, 8, 10mm                              | 1   | \$49.93 |



| Singles | SIZE | INCH | MM | INCH | MM | PART# | QTY | LIST EA |
|---------|------|------|----|------|----|-------|-----|---------|
|---------|------|------|----|------|----|-------|-----|---------|

| 6" Blade Length |      |     |     |     |     |       |   |        |
|-----------------|------|-----|-----|-----|-----|-------|---|--------|
| Inch            | 3/32 | 6.6 | 167 | 2.8 | 70  | 46405 | 2 | \$2.40 |
|                 | 7/64 | 6.6 | 167 | 2.8 | 70  | 46406 | 2 | \$2.46 |
|                 | 1/8  | 6.6 | 168 | 3.0 | 76  | 46407 | 2 | \$2.46 |
|                 | 9/64 | 6.7 | 169 | 3.0 | 76  | 46408 | 2 | \$2.67 |
|                 | 5/32 | 6.7 | 170 | 3.0 | 76  | 46409 | 2 | \$2.79 |
|                 | 3/16 | 6.8 | 171 | 4.0 | 102 | 46410 | 2 | \$3.25 |
|                 | 7/32 | 6.8 | 173 | 4.0 | 102 | 46411 | 2 | \$4.06 |
|                 | 1/4  | 6.9 | 175 | 4.0 | 102 | 46412 | 2 | \$4.66 |
|                 | 5/16 | 7.4 | 187 | 6.0 | 152 | 46413 | 2 | \$7.91 |
|                 | 3/8  | 7.5 | 191 | 6.0 | 152 | 46414 | 2 | \$9.87 |

| 9" Blade Length |      |      |     |     |     |       |   |         |
|-----------------|------|------|-----|-----|-----|-------|---|---------|
|                 | 3/32 | 9.6  | 243 | 2.8 | 70  | 46505 | 2 | \$2.57  |
|                 | 7/64 | 9.6  | 244 | 2.8 | 70  | 46506 | 2 | \$2.61  |
|                 | 1/8  | 9.6  | 244 | 3.0 | 76  | 46507 | 2 | \$2.61  |
|                 | 9/64 | 9.7  | 245 | 3.0 | 76  | 46508 | 2 | \$2.90  |
|                 | 5/32 | 9.7  | 246 | 3.0 | 76  | 46509 | 2 | \$3.08  |
|                 | 3/16 | 9.8  | 248 | 4.0 | 102 | 46510 | 2 | \$3.64  |
|                 | 7/32 | 9.8  | 249 | 4.0 | 102 | 46511 | 2 | \$4.60  |
|                 | 1/4  | 9.9  | 251 | 4.0 | 102 | 46512 | 2 | \$5.40  |
|                 | 5/16 | 10.4 | 264 | 6.0 | 152 | 46513 | 2 | \$8.74  |
|                 | 3/8  | 10.5 | 267 | 6.0 | 152 | 46514 | 2 | \$11.07 |



| Singles | SIZE | INCH | MM | INCH | MM | PART# | QTY | LIST EA |
|---------|------|------|----|------|----|-------|-----|---------|
|---------|------|------|----|------|----|-------|-----|---------|

| Metric | 2.0 | 6.5 | 166 | 2.7 | 70  | 46452 | 2 | \$2.82  |
|--------|-----|-----|-----|-----|-----|-------|---|---------|
|        | 2.5 | 6.6 | 167 | 2.7 | 70  | 46454 | 2 | \$2.82  |
|        | 3   | 6.6 | 168 | 3.0 | 76  | 46456 | 2 | \$2.82  |
|        | 4   | 6.7 | 170 | 3.0 | 76  | 46460 | 2 | \$3.21  |
|        | 5   | 6.8 | 172 | 4.0 | 102 | 46464 | 2 | \$3.95  |
|        | 6   | 6.8 | 174 | 4.0 | 102 | 46468 | 2 | \$4.66  |
|        | 8   | 7.4 | 187 | 6.0 | 152 | 46472 | 2 | \$8.01  |
|        | 10  | 7.5 | 191 | 6.0 | 152 | 46476 | 2 | \$10.23 |

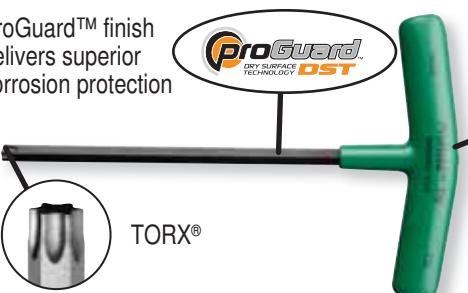
|  | 2.0 | 9.5  | 242 | 2.8 | 70  | 46552 | 2 | \$3.00  |
|--|-----|------|-----|-----|-----|-------|---|---------|
|  | 2.5 | 9.6  | 243 | 2.8 | 70  | 46554 | 2 | \$3.04  |
|  | 3   | 9.6  | 244 | 3.0 | 76  | 46556 | 2 | \$3.08  |
|  | 4   | 9.7  | 246 | 3.0 | 76  | 46560 | 2 | \$3.52  |
|  | 5   | 9.8  | 248 | 4.0 | 102 | 46564 | 2 | \$4.33  |
|  | 6   | 9.8  | 250 | 4.0 | 102 | 46568 | 2 | \$5.15  |
|  | 8   | 10.4 | 264 | 6.0 | 152 | 46572 | 2 | \$17.80 |
|  | 10  | 10.5 | 268 | 6.0 | 152 | 46576 | 2 | \$11.39 |



**TORX® T-Handles****- ProGuard™ Finish -**

- Fits all TORX® and Star screws
- Solid steel handles
- Welded handle/blade connection
- Ergonomic handle design
- Flywheel effect saves time
- Smooth, non-porous handle coating

ProGuard™ finish  
delivers superior  
corrosion protection



Handles are color  
coded for easy  
recognition  
Green=TORX®



| Set          | PART# | MODEL# | PCS | LENGTH    | W/STAND | CONTENTS                              | QTY | LIST    |
|--------------|-------|--------|-----|-----------|---------|---------------------------------------|-----|---------|
| <b>TORX®</b> | 33034 | TTHX8  | 8   | Graduated | ✓       | T9, T10, T15, T20, T25, T27, T30, T40 | 1   | \$52.63 |

✓ Comes with stand 17934



| Singles      |     | SIZE | INCH | MM  | INCH | MM    | PART# | QTY     | LIST EA |
|--------------|-----|------|------|-----|------|-------|-------|---------|---------|
| <b>TORX®</b> | T9  | 6.1  | 155  | 3.0 | 76   | 33009 | 2     | \$5.03  |         |
|              | T10 | 6.4  | 161  | 3.0 | 76   | 33010 | 2     | \$5.27  |         |
|              | T15 | 6.6  | 168  | 3.0 | 76   | 33015 | 2     | \$5.61  |         |
|              | T20 | 6.9  | 174  | 3.0 | 76   | 33020 | 2     | \$5.85  |         |
|              | T25 | 7.1  | 180  | 3.0 | 76   | 33025 | 2     | \$6.09  |         |
|              | T27 | 7.4  | 187  | 4.0 | 102  | 33027 | 2     | \$6.44  |         |
|              | T30 | 7.6  | 193  | 4.0 | 102  | 33030 | 2     | \$6.78  |         |
|              | T40 | 7.9  | 199  | 4.0 | 102  | 33040 | 2     | \$7.61  |         |
|              | T45 | 8.1  | 206  | 5.0 | 127  | 33045 | 2     | \$8.49  |         |
|              | T50 | 8.4  | 212  | 5.0 | 127  | 33050 | 2     | \$9.94  |         |
|              | T55 | 8.6  | 218  | 5.0 | 127  | 33055 | 2     | \$12.88 |         |

**ProHold® TORX® T-Handles****- ProGuard™ Finish -**

- Fits all TORX® and Star screws
- Holds screw tight on the tool EVERY TIME
- Button is non-magnetic
- Welded handle/blade connection

ProGuard™ finish  
delivers superior  
corrosion protection



Handles are color  
coded for easy  
recognition  
Green=TORX®



| Set          | PART# | MODEL# | PCS | LENGTH    | W/STAND | CONTENTS                              | QTY | LIST    |
|--------------|-------|--------|-----|-----------|---------|---------------------------------------|-----|---------|
| <b>TORX®</b> | 74034 | PHTHX8 | 8   | Graduated | ✓       | T9, T10, T15, T20, T25, T27, T30, T40 | 1   | \$80.52 |

✓ Comes with stand 17934



| Singles      |     | SIZE | INCH | MM  | INCH | MM    | PART# | QTY     | LIST EA |
|--------------|-----|------|------|-----|------|-------|-------|---------|---------|
| <b>TORX®</b> | T9  | 6.1  | 155  | 3.0 | 76   | 74009 | 2     | \$8.01  |         |
|              | T10 | 6.4  | 161  | 3.0 | 76   | 74010 | 2     | \$8.42  |         |
|              | T15 | 6.6  | 168  | 3.0 | 76   | 74015 | 2     | \$8.94  |         |
|              | T20 | 6.9  | 174  | 3.0 | 76   | 74020 | 2     | \$9.36  |         |
|              | T25 | 7.1  | 180  | 3.0 | 76   | 74025 | 2     | \$9.71  |         |
|              | T27 | 7.4  | 187  | 4.0 | 102  | 74027 | 2     | \$10.29 |         |
|              | T30 | 7.6  | 193  | 4.0 | 102  | 74030 | 2     | \$10.83 |         |
|              | T40 | 7.9  | 199  | 4.0 | 102  | 74040 | 2     | \$12.17 |         |
|              | T45 | 8.1  | 206  | 5.0 | 127  | 74045 | 2     | \$13.57 |         |
|              | T50 | 8.4  | 212  | 5.0 | 127  | 74050 | 2     | \$15.91 |         |
|              | T55 | 8.6  | 218  | 5.0 | 127  | 74055 | 2     | \$17.54 |         |

**Did you know...?**

Bondhus T-Handle tools feature  
an ergonomic handle design  
to increase user comfort and  
decrease hand fatigue.

# Screwdrivers



- Ergonomic handle design greatly reduces pain and discomfort associated with repetitive tasks
- Non-slip grip generates maximum torque even when wet or oily
- Anti-roll design prevents rolling on vibrating surfaces and inclines up to 15°
- Two component ComfortGrip Handle is durable and comfortable

## Color Coded

- Inch
- Metric
- TORX®



High Torque Steel:

Up to 20% stronger, with more torque and twice the wear resistance of standard grades of steel.

## FINISH OPTIONS:



Corrosion-resistant finish:

Environmentally safe, provides better tool grip, resists solvents and is 5 times more corrosion resistant than competitor finishes.



Next generation chrome finish:

Traditional plated tool look with superior protection and durability.



Real 14 karat gold finish:

Superior protection and durability over traditional chrome and the look and shine of real gold.

## Attention to Detail

To create a superior screwdriver, Bondhus gives great attention to detail. The ComfortGrip handle is more comfortable and features a better grip than typical screwdrivers. Bondhus is also the only company to match the size of our screwdriver handles to the screwdriver blade's maximum torque.



The Bondhus ComfortGrip handle features a durable thermoplastic core wrapped in cushioned rubber for increased comfort and torque.



Bondhus handles are designed and sized to match the torque capacity of each blade tip.



Ergonomically designed handles deliver maximum torque with unrivaled comfort and grip.



Slight texture of handle helps retain grip, even when hands are wet or oily.

TORX® and TORX PLUS® are trademarks of Acument Intellectual Properties, LLC

**Ball End Screwdrivers****- ProGuard™ Finish -**

- Ball End inserts into screw at a 25° angle
- Ergonomic handle design
- Non-slip grip
- Two component handle with tough inner core and cushioned rubber exterior
- Anti-roll design



Handles are color coded for easy recognition  
Yellow=Inch  
Red=Metric

| Sets          | PART# | MODEL# | PCS | LENGTH   | CONTENTS   | QTY | LIST    |
|---------------|-------|--------|-----|----------|--|-----|---------|
| <b>Inch</b>   | 10645 | BSX7   | 7   | Standard | 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16"                                   | 1   | \$23.86 |
|               | 10632 | BSX8S  | 8   | Standard | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"                             | 1   | \$24.06 |
|               | 10633 | BSX8   | 8   | Standard | 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16"                              | 1   | \$39.07 |
|               | 10637 | BSX13  | 13  | Standard | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$57.91 |
|               | 10737 | BSX11L | 11  | Long     | 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"             | 1   | \$63.65 |
| <b>Metric</b> | 10686 | BSX6M  | 6   | Standard | 1.5, 2, 2.5, 3, 4, 5mm   | 1   | \$20.75 |
|               | 10687 | BSX7M  | 7   | Standard | 1.27, 1.5, 2, 2.5, 3, 4, 5mm   | 1   | \$23.13 |
|               | 10699 | BSX9M  | 9   | Standard | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm   | 1   | \$45.64 |
|               | 10733 | BSX8ML | 8   | Long     | 2, 2.5, 3, 4, 5, 6, 8, 10mm  | 1   | \$52.06 |



10637

| Singles         | SIZE | INCH |     | MM   |     | PART# | QTY | LIST EA | SINGLE PACKAGING |                 | TAGGED/BARCODED | PART#       | QTY  | LIST EA | SINGLE PACKAGING |      |       |   |         |
|-----------------|------|------|-----|------|-----|-------|-----|---------|------------------|-----------------|-----------------|-------------|------|---------|------------------|------|-------|---|---------|
|                 |      | INCH | MM  | INCH | MM  |       |     |         | PACKAGED         | TAGGED/BARCODED |                 |             |      |         | PACKAGED         |      |       |   |         |
| <b>Standard</b> |      |      |     |      |     |       |     |         |                  |                 |                 |             |      |         |                  |      |       |   |         |
| <b>Inch</b>     | .050 | 2.4  | 60  | 4.1  | 104 | 10602 | 2   | \$2.37  | 40602            | 2               | \$2.91          | -           | -    | -       | -                | -    | 10704 | 2 | \$3.22  |
|                 | 1/16 | 2.5  | 64  | 4.7  | 118 | 10603 | 2   | \$2.56  | 40603            | 2               | \$3.12          | -           | -    | -       | -                | -    | 10705 | 2 | \$3.33  |
|                 | 5/64 | 2.6  | 67  | 4.8  | 122 | 10604 | 2   | \$2.77  | 40604            | 2               | \$3.31          | 5/64        | 4.3  | 110     | 6.5              | 164  | 10706 | 2 | \$3.66  |
|                 | 3/32 | 2.8  | 71  | 5.2  | 132 | 10605 | 2   | \$2.91  | 40605            | 2               | \$3.46          | 3/32        | 4.8  | 122     | 7.2              | 184  | 10707 | 2 | \$3.98  |
|                 | 7/64 | 2.9  | 74  | 5.3  | 136 | 10606 | 2   | \$2.94  | 40606            | 2               | \$3.48          | 7/64        | 5.9  | 151     | 8.4              | 212  | 10708 | 2 | \$4.31  |
|                 | 1/8  | 3.1  | 80  | 6.6  | 168 | 10607 | 2   | \$2.98  | 40607            | 2               | \$3.63          | 1/8         | 6.4  | 164     | 9.9              | 252  | 10709 | 2 | \$5.14  |
|                 | 9/64 | 3.3  | 83  | 6.8  | 171 | 10608 | 2   | \$3.25  | 40608            | 2               | \$3.89          | 3/16        | 7.9  | 202     | 12.3             | 312  | 10710 | 2 | \$5.71  |
|                 | 5/32 | 3.6  | 91  | 7.9  | 201 | 10609 | 2   | \$3.47  | 40609            | 2               | \$4.12          | 7/32        | 8.4  | 214     | 13.3             | 337  | 10711 | 2 | \$6.39  |
|                 | 3/16 | 3.7  | 94  | 8.0  | 204 | 10610 | 2   | \$4.61  | 40610            | 2               | \$5.36          | 1/4         | 8.9  | 227     | 13.7             | 349  | 10712 | 2 | \$7.43  |
|                 | 7/32 | 4.2  | 107 | 9.0  | 230 | 10611 | 2   | \$4.95  | 40611            | 2               | \$5.69          | 5/16        | 9.5  | 241     | 14.3             | 364  | 10713 | 2 | \$8.87  |
|                 | 1/4  | 5.0  | 126 | 9.8  | 249 | 10612 | 2   | \$6.26  | 40612            | 2               | \$7.12          | 3/8         | 9.9  | 252     | 14.8             | 376  | 10714 | 2 | \$10.51 |
|                 | 5/16 | 5.6  | 142 | 10.4 | 265 | 10613 | 2   | \$7.42  | 40613            | 2               | \$8.39          | -           | -    | -       | -                | -    | -     | - | -       |
|                 | 3/8  | 6.5  | 164 | 11.3 | 287 | 10614 | 2   | \$8.91  | 40614            | 2               | \$9.88          | -           | -    | -       | -                | -    | -     | - | -       |
|                 | 7/16 | 7.6  | 194 | 12.5 | 317 | 10615 | 1   | \$18.52 | -                | -               | -               | -           | -    | -       | -                | -    | -     | - | -       |
|                 | 1/2  | 8.6  | 217 | 13.4 | 340 | 10616 | 1   | \$21.72 | -                | -               | -               | -           | -    | -       | -                | -    | -     | - | -       |
| <b>Standard</b> |      |      |     |      |     |       |     |         |                  |                 |                 |             |      |         |                  |      |       |   |         |
| <b>Metric</b>   | 1.27 | 2.4  | 60  | 4.1  | 104 | 10649 | 2   | \$2.36  | 40649            | 2               | \$2.90          | <b>Long</b> |      | Long    |                  | Long |       |   |         |
|                 | 1.5  | 2.6  | 66  | 4.7  | 120 | 10650 | 2   | \$2.64  | 40650            | 2               | \$3.18          | -           | -    | -       | -                | -    | 10752 | 2 | \$3.31  |
|                 | 2.0  | 2.8  | 72  | 5.0  | 127 | 10652 | 2   | \$2.94  | 40652            | 2               | \$3.48          | 2.0         | 4.0  | 102     | 6.2              | 157  | 10754 | 2 | \$3.55  |
|                 | 2.5  | 2.7  | 69  | 5.1  | 130 | 10654 | 2   | \$2.95  | 40654            | 2               | \$3.51          | 2.5         | 4.3  | 110     | 6.7              | 171  | 10756 | 2 | \$4.18  |
|                 | 3.0  | 3.3  | 83  | 6.7  | 171 | 10656 | 2   | \$2.99  | 40656            | 2               | \$3.54          | 3.0         | 6.2  | 158     | 9.7              | 247  | -     | - | -       |
|                 | 3.5  | 3.5  | 88  | 6.9  | 176 | 10658 | 1   | \$4.07  | -                | -               | -               | -           | -    | -       | -                | -    | -     | - | -       |
|                 | 4.0  | 3.7  | 95  | 8.1  | 205 | 10660 | 2   | \$3.61  | 40660            | 2               | \$4.26          | 4.0         | 7.0  | 179     | 11.4             | 288  | 10760 | 2 | \$4.52  |
|                 | 4.5  | 4.3  | 109 | 8.6  | 218 | 10662 | 1   | \$4.98  | -                | -               | -               | -           | -    | -       | -                | -    | -     | - | -       |
|                 | 5.0  | 4.3  | 109 | 8.6  | 219 | 10664 | 2   | \$4.76  | 40664            | 2               | \$5.52          | 5.0         | 7.8  | 198     | 12.1             | 308  | 10764 | 2 | \$6.18  |
|                 | 5.5  | 5.0  | 126 | 9.3  | 236 | 10666 | 1   | \$6.93  | -                | -               | -               | -           | -    | -       | -                | -    | -     | - | -       |
|                 | 6    | 5.4  | 137 | 10.2 | 260 | 10668 | 2   | \$5.45  | 40668            | 2               | \$6.31          | 6           | 8.6  | 218     | 13.4             | 341  | 10768 | 2 | \$6.60  |
|                 | 7    | 5.7  | 145 | 10.5 | 268 | 10670 | 1   | \$8.52  | -                | -               | -               | -           | -    | -       | -                | -    | -     | - | -       |
|                 | 8    | 6.4  | 162 | 11.2 | 286 | 10672 | 2   | \$8.30  | 40672            | 2               | \$9.27          | 8           | 9.3  | 237     | 14.2             | 360  | 10772 | 2 | \$9.15  |
|                 | 9    | 6.9  | 175 | 11.7 | 298 | 10674 | 1   | \$11.12 | -                | -               | -               | -           | -    | -       | -                | -    | -     | - | -       |
|                 | 10   | 7.3  | 184 | 12.1 | 307 | 10676 | 2   | \$9.58  | 40676            | 2               | \$10.56         | 10          | 10.2 | 259     | 15.0             | 382  | 10776 | 2 | \$11.28 |

For Extra Long and Custom Length singles  
see page 40

# Ball End Screwdriver Extra Long and Custom Length Singles

Screwdrivers

**- ProGuard™ Finish -**

- Ball End inserts into screw at a 25° angle
- Ergonomic handle design
- Non-slip grip



ProGuard™ finish  
delivers superior  
corrosion protection



SINGLE PACKAGING



PACKAGED

SINGLE PACKAGING

PACKAGED



MAX

Handles are color  
coded for easy  
recognition

Yellow=Inch

Red=Metric

| Singles | SIZE | INCH | MM | INCH | MM | PART# | QTY | LIST EA |
|---------|------|------|----|------|----|-------|-----|---------|
|---------|------|------|----|------|----|-------|-----|---------|

| Singles | SIZE | PART# | QTY | LIST EA | INCH | MM |
|---------|------|-------|-----|---------|------|----|
|---------|------|-------|-----|---------|------|----|

**Extra Long**

|      |      |      |     |      |     |      |   |         |
|------|------|------|-----|------|-----|------|---|---------|
| Inch | .050 | 11.1 | 283 | 12.8 | 326 | 3702 | 1 | \$8.71  |
|      | 1/16 | 11.1 | 281 | 13.2 | 336 | 3703 | 1 | \$8.71  |
|      | 5/64 | 11.0 | 279 | 13.2 | 334 | 3704 | 1 | \$8.71  |
|      | 3/32 | 11.0 | 279 | 13.4 | 341 | 3705 | 1 | \$8.71  |
|      | 7/64 | 10.6 | 270 | 13.0 | 331 | 3706 | 1 | \$8.60  |
|      | 1/8  | 10.6 | 270 | 14.1 | 358 | 3707 | 1 | \$8.60  |
|      | 9/64 | 10.5 | 267 | 14.0 | 355 | 3708 | 1 | \$9.05  |
|      | 5/32 | 10.5 | 267 | 14.8 | 377 | 3709 | 1 | \$9.28  |
|      | 3/16 | 10.3 | 260 | 14.6 | 370 | 3710 | 1 | \$10.19 |
|      | 7/32 | 10.3 | 260 | 15.1 | 383 | 3711 | 1 | \$10.19 |
|      | 1/4  | 10.3 | 260 | 15.1 | 383 | 3712 | 1 | \$10.93 |
|      | 5/16 | 10.3 | 260 | 15.1 | 383 | 3713 | 1 | \$11.93 |
|      | 3/8  | 10.3 | 260 | 15.1 | 383 | 3714 | 1 | \$13.90 |
|      | 7/16 | 10.5 | 267 | 15.3 | 390 | 3715 | 1 | \$15.07 |
|      | 1/2  | 10.5 | 267 | 15.3 | 390 | 3716 | 1 | \$16.83 |

**Custom Length**

|      |      |        |   |         |       |     |
|------|------|--------|---|---------|-------|-----|
| Inch | .050 | 193102 | 1 | \$10.51 | ≤11.1 | 283 |
|      | 1/16 | 193103 | 1 | \$10.51 | ≤11.1 | 281 |
|      | 5/64 | 193104 | 1 | \$10.51 | ≤11.0 | 279 |
|      | 3/32 | 193105 | 1 | \$10.51 | ≤11.0 | 279 |
|      | 7/64 | 193106 | 1 | \$10.51 | ≤10.6 | 270 |
|      | 1/8  | 193107 | 1 | \$10.51 | ≤10.6 | 270 |
|      | 9/64 | 193108 | 1 | \$10.62 | ≤10.5 | 267 |
|      | 5/32 | 193109 | 1 | \$10.88 | ≤10.5 | 267 |
|      | 3/16 | 193110 | 1 | \$12.00 | ≤10.3 | 260 |
|      | 7/32 | 193111 | 1 | \$12.05 | ≤10.3 | 260 |
|      | 1/4  | 193112 | 1 | \$12.96 | ≤10.3 | 260 |
|      | 5/16 | 193113 | 1 | \$14.08 | ≤10.3 | 260 |
|      | 3/8  | 193114 | 1 | \$15.72 | ≤10.3 | 260 |
|      | 7/16 | 193115 | 1 | \$17.26 | ≤10.5 | 267 |
|      | 1/2  | 193116 | 1 | \$19.12 | ≤10.5 | 267 |

Customer must  
specify an  
“out of handle  
length” equal  
to or less than  
the Extra Long  
out of handle  
length.

**Extra Long**

|        |     |      |     |      |     |      |   |         |
|--------|-----|------|-----|------|-----|------|---|---------|
| Metric | 1.5 | 11.0 | 279 | 13.2 | 334 | 3750 | 1 | \$8.71  |
|        | 2.0 | 11.0 | 279 | 13.2 | 334 | 3752 | 1 | \$8.71  |
|        | 2.5 | 10.5 | 267 | 12.9 | 328 | 3754 | 1 | \$8.71  |
|        | 3.0 | 10.6 | 270 | 14.1 | 358 | 3756 | 1 | \$8.60  |
|        | 4.0 | 10.5 | 267 | 14.8 | 377 | 3760 | 1 | \$9.28  |
|        | 5.0 | 10.3 | 260 | 14.6 | 370 | 3764 | 1 | \$10.19 |
|        | 6   | 10.3 | 260 | 15.1 | 383 | 3768 | 1 | \$10.93 |
|        | 8   | 10.3 | 260 | 15.1 | 383 | 3772 | 1 | \$11.93 |
|        | 10  | 10.3 | 260 | 15.1 | 383 | 3776 | 1 | \$13.90 |

**Custom Length**

|      |     |        |   |         |       |     |
|------|-----|--------|---|---------|-------|-----|
| Inch | 1.5 | 193150 | 1 | \$10.51 | ≤11.0 | 279 |
|      | 2.0 | 193152 | 1 | \$10.51 | ≤11.0 | 279 |
|      | 2.5 | 193154 | 1 | \$10.51 | ≤10.5 | 267 |
|      | 3.0 | 193156 | 1 | \$10.51 | ≤10.6 | 270 |
|      | 4.0 | 193160 | 1 | \$10.88 | ≤10.5 | 267 |
|      | 5.0 | 193164 | 1 | \$12.00 | ≤10.3 | 260 |
|      | 6   | 193168 | 1 | \$12.96 | ≤10.3 | 260 |
|      | 8   | 193172 | 1 | \$14.08 | ≤10.3 | 260 |
|      | 10  | 193176 | 1 | \$15.72 | ≤10.3 | 260 |

Customer must  
specify an  
“out of handle  
length” equal  
to or less than  
the Extra Long  
out of handle  
length.

## ProHold® Ball End Screwdrivers

**- ProGuard™ Finish -**

- Holds screw tight on the tool EVERY TIME
- Button is non-magnetic
- Super smooth rotational action, with no interference from the ProHold® button

|   |  |
|---|--|
| ProGuard™ finish<br>delivers superior<br>corrosion protection | ProGuard logo: A circular emblem with the words 'ProGuard' and 'DST' inside, with 'DRY SURFACE TECHNOLOGY' written below it. |
|---|--|

ProHold® Tip holds  
screws securely

| Sets | PART# | MODEL# | PCS | CONTENTS   | QTY | LIST    |
|------|-------|--------|-----|--|-----|---------|
| Inch | 74632 | PBSX8S | 8   | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"                             | 1   | \$28.57 |
|      | 74637 | PBSX13 | 13  | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$66.71 |

|        |       |        |   |                                  |   |         |
|--------|-------|--------|---|----------------------------------|---|---------|
| Metric | 74686 | PBSX6M | 6 | 1.5, 2, 2.5, 3, 4, 5mm           | 1 | \$24.22 |
|        | 74699 | PBSX9M | 9 | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm | 1 | \$51.75 |

Handles are color  
coded for easy  
recognition

Yellow=Inch

Red=Metric

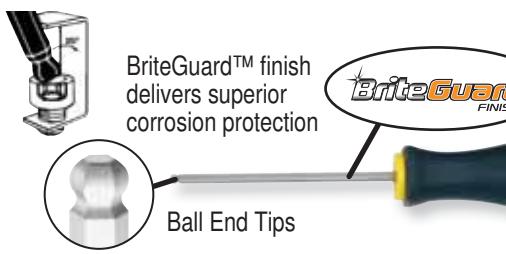
|      |      |     |     |      |     |       |   |        |
|------|------|-----|-----|------|-----|-------|---|--------|
| Inch | .050 | 2.4 | 60  | 4.1  | 104 | 74602 | 2 | \$2.89 |
|      | 1/16 | 2.5 | 64  | 4.7  | 118 | 74603 | 2 | \$3.07 |
|      | 5/64 | 2.6 | 67  | 4.8  | 122 | 74604 | 2 | \$3.27 |
|      | 3/32 | 2.8 | 71  | 5.2  | 132 | 74605 | 2 | \$3.43 |
|      | 7/64 | 2.9 | 74  | 5.3  | 136 | 74606 | 2 | \$3.54 |
|      | 1/8  | 3.1 | 80  | 6.6  | 168 | 74607 | 2 | \$3.61 |
|      | 9/64 | 3.3 | 83  | 6.8  | 171 | 74608 | 2 | \$3.87 |
|      | 5/32 | 3.6 | 91  | 7.9  | 201 | 74609 | 2 | \$4.10 |
|      | 3/16 | 3.7 | 94  | 8.0  | 204 | 74610 | 2 | \$5.31 |
|      | 7/32 | 4.2 | 107 | 9.0  | 230 | 74611 | 2 | \$5.82 |
|      | 1/4  | 4.7 | 118 | 9.8  | 249 | 74612 | 2 | \$7.07 |
|      | 5/16 | 5.6 | 142 | 10.4 | 265 | 74613 | 2 | \$8.18 |
|      | 3/8  | 6.5 | 164 | 11.3 | 287 | 74614 | 2 | \$9.59 |

| Singles | SIZE | INCH | MM | INCH | MM | PART# | QTY | LIST EA |
|---------|------|------|----|------|----|-------|-----|---------|
|---------|------|------|----|------|----|-------|-----|---------|

|        |      |     |     |      |     |       |   |         |
|--------|------|-----|-----|------|-----|-------|---|---------|
| Metric | 1.27 | 2.4 | 60  | 4.1  | 104 | 74649 | 2 | \$2.89  |
|        | 1.5  | 2.6 | 66  | 4.7  | 120 | 74650 | 2 | \$3.14  |
|        | 2.0  | 2.8 | 72  | 5.0  | 127 | 74652 | 2 | \$3.43  |
|        | 2.5  | 2.7 | 69  | 5.1  | 130 | 74654 | 2 | \$3.47  |
|        | 3.0  | 3.3 | 83  | 6.7  | 171 | 74656 | 2 | \$3.60  |
|        | 4.0  | 3.7 | 95  | 8.1  | 205 | 74660 | 2 | \$4.25  |
|        | 5.0  | 4.3 | 109 | 8.6  | 219 | 74664 | 2 | \$5.54  |
|        | 6    | 5.4 | 137 | 10.2 | 260 | 74668 | 2 | \$6.29  |
|        | 8    | 6.4 | 162 | 11.2 | 286 | 74672 | 2 | \$8.99  |
|        | 10   | 7.3 | 184 | 12.1 | 307 | 74676 | 2 | \$10.23 |

**Ball End Screwdrivers****- BriteGuard™ Finish -**

- Ball End inserts into screw at a 25° angle
- Ergonomic handle design
- Non-slip grip
- Two component handle with tough inner core and cushioned rubber exterior
- Anti-roll design



Handles are color coded for easy recognition  
Yellow=Inch  
Red=Metric

| Sets   | PART# | MODEL# | PCS | CONTENTS   | QTY | LIST    |
|--------|-------|--------|-----|--|-----|---------|
| Inch   | 16632 | BSX8SB | 8   | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"                             | 1   | \$32.55 |
|        | 16637 | BSX13B | 13  | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$78.76 |
| Metric | 16686 | BSX6MB | 6   | 1.5, 2, 2.5, 3, 4, 5mm   | 1   | \$30.12 |
|        | 16699 | BSX9MB | 9   | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm   | 1   | \$65.00 |

SINGLE PACKAGING



SINGLE PACKAGING



| Singles | SIZE | INCH | MM  | INCH | MM  | PART# | QTY | LIST EA |
|---------|------|------|-----|------|-----|-------|-----|---------|
| Inch    | .050 | 2.4  | 60  | 4.1  | 104 | 16602 | 2   | \$3.44  |
|         | 1/16 | 2.5  | 64  | 4.7  | 118 | 16603 | 2   | \$3.75  |
|         | 5/64 | 2.6  | 67  | 4.8  | 122 | 16604 | 2   | \$4.25  |
|         | 3/32 | 2.8  | 71  | 5.2  | 132 | 16605 | 2   | \$4.25  |
|         | 7/64 | 2.9  | 74  | 5.3  | 136 | 16606 | 2   | \$4.39  |
|         | 1/8  | 3.1  | 80  | 6.6  | 168 | 16607 | 2   | \$4.39  |
|         | 9/64 | 3.3  | 83  | 6.8  | 171 | 16608 | 2   | \$5.27  |
|         | 5/32 | 3.6  | 91  | 7.9  | 201 | 16609 | 2   | \$5.27  |
|         | 3/16 | 3.7  | 94  | 8.0  | 204 | 16610 | 2   | \$6.88  |
|         | 7/32 | 4.2  | 107 | 9.0  | 230 | 16611 | 2   | \$7.87  |
|         | 1/4  | 5.0  | 126 | 9.8  | 249 | 16612 | 2   | \$7.87  |
|         | 5/16 | 5.6  | 142 | 10.4 | 265 | 16613 | 2   | \$12.01 |
|         | 3/8  | 6.5  | 164 | 11.3 | 287 | 16614 | 2   | \$13.87 |
|         | 7/16 | 7.6  | 194 | 12.5 | 317 | 16615 | 1   | \$25.14 |
|         | 1/2  | 8.6  | 217 | 13.4 | 340 | 16616 | 1   | \$29.40 |

| Singles | SIZE | INCH | MM  | INCH | MM  | PART# | QTY | LIST EA |
|---------|------|------|-----|------|-----|-------|-----|---------|
| Metric  | 1.27 | 2.4  | 60  | 4.1  | 104 | 16649 | 2   | \$3.44  |
|         | 1.5  | 2.6  | 66  | 4.7  | 120 | 16650 | 2   | \$3.75  |
|         | 2.0  | 2.8  | 72  | 5.0  | 127 | 16652 | 2   | \$4.25  |
|         | 2.5  | 2.7  | 69  | 5.1  | 130 | 16654 | 2   | \$4.25  |
|         | 3.0  | 3.3  | 83  | 6.7  | 171 | 16656 | 2   | \$4.39  |
|         | 4.0  | 3.7  | 95  | 8.1  | 205 | 16660 | 2   | \$5.26  |
|         | 5.0  | 4.3  | 109 | 8.6  | 219 | 16664 | 2   | \$6.88  |
|         | 6    | 5.4  | 137 | 10.2 | 260 | 16668 | 2   | \$7.87  |
|         | 8    | 6.4  | 162 | 11.2 | 286 | 16672 | 2   | \$12.01 |
|         | 10   | 7.3  | 184 | 12.1 | 307 | 16676 | 2   | \$13.87 |

**Ball End Screwdrivers****- GoldGuard™ Finish -**

- Ball End inserts into screw at a 25° angle
- Ergonomic handle design
- Non-slip grip
- Two component handle with tough inner core and cushioned rubber exterior
- Anti-roll design



Handles are color coded for easy recognition  
Yellow=Inch  
Red=Metric

| Sets   | PART# | MODEL# | PCS | CONTENTS   | QTY | LIST    |
|--------|-------|--------|-----|--|-----|---------|
| Inch   | 38632 | BSX8SG | 8   | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"                             | 1   | \$33.48 |
|        | 38637 | BSX13G | 13  | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$81.04 |
| Metric | 38686 | BSX6MG | 6   | 1.5, 2, 2.5, 3, 4, 5mm   | 1   | \$30.95 |
|        | 38699 | BSX9MG | 9   | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm   | 1   | \$66.86 |

SINGLE PACKAGING



SINGLE PACKAGING



| Singles | SIZE | INCH | MM  | INCH | MM  | PART# | QTY | LIST EA |
|---------|------|------|-----|------|-----|-------|-----|---------|
| Inch    | .050 | 2.4  | 60  | 4.1  | 104 | 38602 | 2   | \$3.52  |
|         | 1/16 | 2.5  | 64  | 4.7  | 118 | 38603 | 2   | \$3.85  |
|         | 5/64 | 2.6  | 67  | 4.8  | 122 | 38604 | 2   | \$4.38  |
|         | 3/32 | 2.8  | 71  | 5.2  | 132 | 38605 | 2   | \$4.38  |
|         | 7/64 | 2.9  | 74  | 5.3  | 136 | 38606 | 2   | \$4.51  |
|         | 1/8  | 3.1  | 80  | 6.6  | 168 | 38607 | 2   | \$4.51  |
|         | 9/64 | 3.3  | 83  | 6.8  | 171 | 38608 | 2   | \$5.41  |
|         | 5/32 | 3.6  | 91  | 7.9  | 201 | 38609 | 2   | \$5.41  |
|         | 3/16 | 3.7  | 94  | 8.0  | 204 | 38610 | 2   | \$7.09  |
|         | 7/32 | 4.2  | 107 | 9.0  | 230 | 38611 | 2   | \$8.09  |
|         | 1/4  | 5.0  | 126 | 9.8  | 249 | 38612 | 2   | \$8.09  |
|         | 5/16 | 5.6  | 142 | 10.4 | 265 | 38613 | 2   | \$12.37 |
|         | 3/8  | 6.5  | 164 | 11.3 | 287 | 38614 | 2   | \$14.27 |
|         | 7/16 | 7.6  | 194 | 12.5 | 317 | 38615 | 1   | \$25.86 |
|         | 1/2  | 8.6  | 217 | 13.4 | 340 | 38616 | 1   | \$30.23 |

| Singles | SIZE | INCH | MM  | INCH | MM  | PART# | QTY | LIST EA |
|---------|------|------|-----|------|-----|-------|-----|---------|
| Metric  | 1.27 | 2.4  | 60  | 4.1  | 104 | 38649 | 2   | \$3.52  |
|         | 1.5  | 2.6  | 66  | 4.7  | 120 | 38650 | 2   | \$3.85  |
|         | 2.0  | 2.8  | 72  | 5.0  | 127 | 38652 | 2   | \$4.38  |
|         | 2.5  | 2.7  | 69  | 5.1  | 130 | 38654 | 2   | \$4.38  |
|         | 3.0  | 3.3  | 83  | 6.8  | 172 | 38656 | 2   | \$4.51  |
|         | 4.0  | 3.7  | 95  | 8.1  | 205 | 38660 | 2   | \$5.41  |
|         | 5.0  | 4.3  | 109 | 8.6  | 219 | 38664 | 2   | \$7.09  |
|         | 6    | 5.4  | 137 | 10.2 | 260 | 38668 | 2   | \$8.09  |
|         | 8    | 6.4  | 162 | 11.2 | 286 | 38672 | 2   | \$12.37 |
|         | 10   | 7.3  | 184 | 12.1 | 307 | 38676 | 2   | \$14.27 |

**TORX® Tip Screwdrivers****Screwdrivers****- ProGuard™ Finish -**

- Fits all TORX® and Star screws
- Burr free tool tips help tools seat fully in screw head
- Precision machined tips transfer more torque to the screw and reduces stripping
- Broad contact surface provides deep lobe engagement
- Straight, vertical sidewalls increase tool engagement and virtually eliminates camout

ProGuard™ finish  
delivers superior  
corrosion protectionHandles are color  
coded for easy  
recognition  
Green=TORX®

| Sets         | PART# | MODEL# | PCS | CONTENTS                              | QTY | LIST    |
|--------------|-------|--------|-----|---------------------------------------|-----|---------|
| <b>TORX®</b> | 34532 | TSX8S  | 8   | T6, T7, T8, T9, T10, T15, T20, T25    | 1   | \$40.26 |
|              | 34534 | TSX8   | 8   | T9, T10, T15, T20, T25, T27, T30, T40 | 1   | \$46.78 |

## SINGLE PACKAGING



| Singles      | SIZE | INCH | MM  | INCH | MM  | PART# | QTY | LIST EA |
|--------------|------|------|-----|------|-----|-------|-----|---------|
| <b>TORX®</b> | T5   | 4.0  | 102 | 6.2  | 156 | 34505 | 2   | \$5.85  |
|              | T6   | 4.3  | 108 | 6.4  | 163 | 34506 | 2   | \$4.56  |
|              | T7   | 4.5  | 114 | 6.7  | 169 | 34507 | 2   | \$4.44  |
|              | T8   | 4.8  | 121 | 7.2  | 182 | 34508 | 2   | \$4.44  |
|              | T9   | 4.9  | 124 | 7.3  | 186 | 34509 | 2   | \$4.79  |
|              | T10  | 5.0  | 128 | 7.4  | 189 | 34510 | 2   | \$5.03  |
|              | T15  | 5.1  | 131 | 8.6  | 219 | 34515 | 2   | \$5.14  |
|              | T20  | 5.4  | 138 | 9.8  | 248 | 34520 | 2   | \$5.61  |
|              | T25  | 5.7  | 144 | 10.0 | 253 | 34525 | 2   | \$6.20  |
|              | T27  | 5.8  | 147 | 10.6 | 270 | 34527 | 2   | \$7.13  |
|              | T30  | 6.0  | 153 | 10.9 | 276 | 34530 | 2   | \$8.42  |
|              | T40  | 6.3  | 159 | 11.1 | 282 | 34540 | 2   | \$9.18  |
|              | T45  | 6.5  | 166 | 11.4 | 289 | 34545 | 1   | \$9.26  |
|              | T50  | 6.8  | 172 | 11.6 | 295 | 34550 | 1   | \$10.28 |
|              | T55  | 7.0  | 178 | 11.9 | 301 | 34555 | 1   | \$11.46 |
|              | T60  | 7.3  | 185 | 12.1 | 308 | 34560 | 1   | \$13.11 |

**Did you know...?**

ProGuard™ Dry Surface Technology is the world's best corrosion protection. The tool user does not have to work with rusty tools. ProGuard™ protection delivers up to 5 times the corrosion resistance of any other Hex or TORX® tool finish.

**ProHold® TORX® Screwdrivers****- ProGuard™ Finish -**

- Fits all TORX® and Star screws
- Holds screw tight on the tool EVERY TIME
- Button is non-magnetic
- Broad contact surface provides deep lobe engagement

ProGuard™ finish  
delivers superior  
corrosion protectionHandles are color  
coded for easy  
recognition  
Green=TORX®

| Sets         | PART# | MODEL# | PCS | CONTENTS                              | QTY | LIST    |
|--------------|-------|--------|-----|---------------------------------------|-----|---------|
| <b>TORX®</b> | 75534 | PHTSX8 | 8   | T9, T10, T15, T20, T25, T27, T30, T40 | 1   | \$81.87 |

## SINGLE PACKAGING



| Singles      | SIZE | INCH | MM  | INCH | MM  | PART# | QTY | LIST EA |
|--------------|------|------|-----|------|-----|-------|-----|---------|
| <b>TORX®</b> | T9   | 4.9  | 124 | 7.3  | 186 | 75509 | 1   | \$7.62  |
|              | T10  | 5.0  | 128 | 7.4  | 189 | 75510 | 1   | \$7.95  |
|              | T15  | 5.1  | 131 | 8.6  | 219 | 75515 | 1   | \$8.18  |
|              | T20  | 5.4  | 138 | 9.8  | 248 | 75520 | 1   | \$8.89  |
|              | T25  | 5.7  | 144 | 10.0 | 253 | 75525 | 1   | \$9.82  |
|              | T27  | 5.8  | 147 | 10.6 | 270 | 75527 | 1   | \$11.34 |
|              | T30  | 6.0  | 153 | 10.9 | 276 | 75530 | 1   | \$13.46 |
|              | T40  | 6.3  | 159 | 11.1 | 282 | 75540 | 1   | \$14.62 |
|              | T45  | 6.5  | 166 | 11.4 | 289 | 75545 | 1   | \$15.20 |
|              | T50  | 6.8  | 172 | 11.6 | 295 | 75550 | 1   | \$16.97 |
|              | T55  | 7.0  | 178 | 11.9 | 301 | 75555 | 1   | \$18.95 |
|              | T60  | 7.3  | 185 | 12.1 | 308 | 75560 | 1   | \$20.94 |

**Did you know...?**

ProHold® buttons are non-magnetic and work on all fastener types. They are safe to use on sensitive equipment. They will not rust and will hold non-magnetic screws (aluminum, stainless and plastic)

**BallStar™ Tip Screwdrivers****Screwdrivers****- ProGuard™ Finish -**

- Fits all TORX® and Star screws
- Ball End inserts into a screw at a 20° angle
- Ball End saves time by quickly funneling tool into screw
- Superior Ball End strength and working angle
- Works in hard to reach places



ProGuard™ finish  
delivers superior  
corrosion protection



BallStar™ Tip

Handles are color  
coded for easy  
recognition  
Green=TORX®

| <b>Sets</b>       | <b>PART#</b> | <b>MODEL#</b> | <b>PCS</b> | <b>CONTENTS</b>                       | <b>QTY</b> | <b>LIST</b> |
|-------------------|--------------|---------------|------------|---------------------------------------|------------|-------------|
| <b>BALL STAR™</b> | 13546        | STX6          | 6          | T6, T7, T8, T9, T10, T15              | 1          | \$44.51     |
|                   | 13532        | STX8          | 8          | T9, T10, T15, T20, T25, T27, T30, T40 | 1          | \$66.03     |

**SINGLE PACKAGING**

PACKAGED

| <b>Singles</b>    | <b>SIZE</b> | <b>INCH</b> | <b>MM</b> | <b>INCH</b> | <b>MM</b> | <b>PART#</b> | <b>QTY</b> | <b>LIST EA</b> |
|-------------------|-------------|-------------|-----------|-------------|-----------|--------------|------------|----------------|
| <b>BALL STAR™</b> | T6          | 2.6         | 65        | 4.7         | 119       | 12706        | 2          | \$7.29         |
|                   | T7          | 2.6         | 65        | 4.7         | 119       | 12707        | 2          | \$7.29         |
|                   | T8          | 2.6         | 65        | 5.0         | 126       | 12708        | 2          | \$7.29         |
|                   | T9          | 2.6         | 65        | 5.0         | 126       | 12709        | 2          | \$7.29         |
|                   | T10         | 2.8         | 70        | 5.2         | 132       | 12710        | 2          | \$7.69         |
|                   | T15         | 2.9         | 73        | 6.4         | 161       | 12715        | 2          | \$7.69         |
|                   | T20         | 3.2         | 81        | 7.5         | 191       | 12720        | 2          | \$7.90         |
|                   | T25         | 3.4         | 87        | 7.7         | 197       | 12725        | 2          | \$8.11         |
|                   | T27         | 3.8         | 97        | 8.7         | 220       | 12727        | 2          | \$8.54         |
|                   | T30         | 4.2         | 106       | 9.0         | 229       | 12730        | 2          | \$9.11         |
|                   | T40         | 4.6         | 117       | 9.4         | 240       | 12740        | 2          | \$9.74         |
|                   | T45         | 5.2         | 132       | 10.0        | 255       | 12745        | 1          | \$11.55        |
|                   | T50         | 6.0         | 153       | 10.9        | 276       | 12750        | 1          | \$13.78        |
|                   | T55         | 6.8         | 172       | 11.6        | 295       | 12755        | 1          | \$16.55        |

**Did you know...?**

BallStar™ tools work at a 20° angle; screws can be turned continuously without constantly taking the tool out of the screw, repositioning it and reinserting it, even at angles up to 20°.

**Tamper Resistant TORX® Screwdrivers****- ProGuard™ Finish -**

- Fits all TORX® and Star tamper resistant screws
- Burr free tool tips help tools seat fully in screw head
- Precision machined tips transfer more torque to the screw and reduces stripping

ProGuard™ finish  
delivers superior  
corrosion protection

Tamper Resistant  
TORX®

Handles are color  
coded for easy  
recognition  
Green=TORX®

| <b>Sets</b>  | <b>PART#</b> | <b>MODEL#</b> | <b>PCS</b> | <b>CONTENTS</b>                               | <b>QTY</b> | <b>LIST</b> |
|--------------|--------------|---------------|------------|---|------------|-------------|
| <b>TORX®</b> | 33832        | TR-SX8S       | 8          | TR6, TR7, TR8, TR9, TR10, TR15, TR20, TR25    | 1          | \$66.65     |
|              | 33834        | TR-SX8        | 8          | TR9, TR10, TR15, TR20, TR25, TR27, TR30, TR40 | 1          | \$85.39     |

**SINGLE PACKAGING**

PACKAGED

| <b>Singles</b> | <b>SIZE</b> | <b>INCH</b> | <b>MM</b> | <b>INCH</b> | <b>MM</b> | <b>PART#</b> | <b>QTY</b> | <b>LIST EA</b> |
|----------------|-------------|-------------|-----------|-------------|-----------|--------------|------------|----------------|
| <b>TORX®</b>   | TR6         | 4.3         | 108       | 6.4         | 163       | 33806        | 1          | \$7.62         |
|                | TR7         | 4.5         | 114       | 6.7         | 169       | 33807        | 1          | \$7.62         |
|                | TR8         | 4.8         | 121       | 7.2         | 182       | 33808        | 1          | \$7.62         |
|                | TR9         | 4.9         | 124       | 7.3         | 186       | 33809        | 1          | \$7.85         |
|                | TR10        | 5.0         | 128       | 7.4         | 189       | 33810        | 1          | \$7.85         |
|                | TR15        | 5.1         | 131       | 8.6         | 219       | 33815        | 1          | \$8.01         |
|                | TR20        | 5.4         | 138       | 9.8         | 248       | 33820        | 1          | \$10.06        |
|                | TR25        | 5.7         | 144       | 10.0        | 253       | 33825        | 1          | \$10.12        |
|                | TR27        | 5.8         | 147       | 10.6        | 270       | 33827        | 1          | \$12.00        |
|                | TR30        | 6.0         | 153       | 10.9        | 276       | 33830        | 1          | \$14.33        |
|                | TR40        | 6.3         | 159       | 11.1        | 282       | 33840        | 1          | \$15.49        |

**Did you know...?**

Bondhus' ergonomic handle design greatly reduces fatigue associated with repetitive tasks and the application of torque.

TORX® and TORX PLUS® are registered trademarks of Acument Intellectual Properties, LLC

Made in the U.S.A.



All Bondhus® tools are made with Protanium® High Torque Steel.

[INFO@SWIFTTOOL.COM](mailto:INFO@SWIFTTOOL.COM)

**Square Ball End Screwdrivers****Screwdrivers****- ProGuard™ Finish -**

- Ball End inserts into a screw at a 25° angle
- Ball End saves time by quickly funneling tool into screw
- Two component handle with tough inner core and cushioned rubber exterior
- Non-slip grip
- Anti-roll design



ProGuard™ finish  
delivers superior  
corrosion protection



Square Ball  
Tip

Ergonomic handle  
design

| <b>Set</b> | <b>PART#</b> | <b>MODEL#</b> | <b>PCS</b> | <b>CONTENTS</b>    | <b>QTY</b> | <b>LIST</b> |
|------------|--------------|---------------|------------|--------------------|------------|-------------|
|            | 11640        | BRX4          | 4          | SQ0, SQ1, SQ2, SQ3 | 1          | \$22.61     |

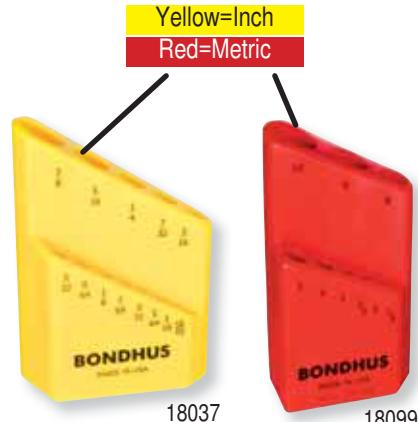


| <b>Singles</b> | <b>SIZE</b> | <b>INCH</b> | <b>MM</b> | <b>INCH</b> | <b>MM</b> | <b>PART#</b> | <b>QTY</b> | <b>LIST EA</b> |
|----------------|-------------|-------------|-----------|-------------|-----------|--------------|------------|----------------|
| SQ0            | 3.5         | 90          | 7.0       | 178         | 11600     | 2            | \$4.89     |                |
| SQ1            | 3.8         | 95          | 7.2       | 183         | 11601     | 2            | \$5.59     |                |
| SQ2            | 4.0         | 102         | 8.3       | 212         | 11602     | 2            | \$6.00     |                |
| SQ3            | 4.0         | 102         | 8.3       | 212         | 11603     | 2            | \$6.68     |                |
| SQ4            | 4.5         | 115         | 8.8       | 225         | 11604     | 2            | \$7.42     |                |

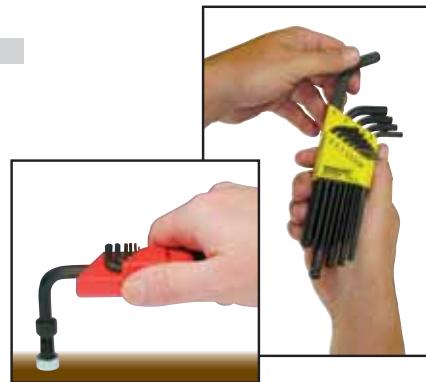
**Bondhex™ Cases**

- Provides a convenient means of keeping L-Wrenches neat and organized
- Sizes are printed on the case for quick tool selection
- Case can be used in conjunction with the tool to increase torque

| <b>PART#</b>  | <b>FITS SIZES</b>  | <b>QTY</b> | <b>LIST</b> |
|---------------|--|------------|-------------|
| <b>Inch</b>   | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"                             | 10         | \$1.04      |
| 18032         | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32", 3/16, 7/32, 1/4, 5/16"     | 10         | \$1.29      |
| 18036         | .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 10         | \$1.55      |
| 18037         | 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"       | 10         | \$1.29      |
| 18038         | 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16"                                   | 10         | \$1.04      |
| 18045         | 1.5, 2, 2.5, 3, 4, 5mm   | 10         | \$1.04      |
| <b>Metric</b> | 1.5, 2, 2.5, 3, 4, 5mm   | 10         | \$1.04      |
| 18046         | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm   | 10         | \$1.29      |
| 18099         |  |            |             |

**About the Bondhex™ Case  
For Ball End and Hex Tip L-Wrenches**

Bondhus Ball End and Hex key sets are packed in a color coded Bondhex™ case to keep tools neat and sorted. A simple 60 degree turn locks keys in place to eliminate loose, spilled and lost keys. Tool sizes are clearly printed beneath each tool for quick size selection. A Bondhex™ case can also be used with a hex key to increase grip and comfortably generate additional torque.



Most Bondhus L-Wrench sets come standard with our Bondhex™ case.

# Hollow Shaft Nut Drivers

**Nut Drivers**

- Hexagonal upper shaft for use with a wrench for increased torque
- Ergonomic handle design
- Non-slip grip
- Anti-roll handle
- High strength chrome plated shaft



Handles are color coded for easy recognition  
Yellow=Inch  
Red=Metric

| Sets   | PART# | MODEL# | PCS | CONTENTS                                | QTY | LIST    |
|--------|-------|--------|-----|---|-----|---------|
| Inch   | 48445 | BNX7   | 7   | 3/16, 1/4, 5/16, 11/32, 3/8, 7/16, 1/2" | 1   | \$37.88 |
| Metric | 48492 | BNX7M  | 7   | 6, 7, 8, 9, 10, 11, 12mm                | 1   | \$37.88 |
|        | 48496 | BNX7ML | 7   | 6, 7, 8, 9, 10, 11, 13mm                | 1   | \$37.88 |

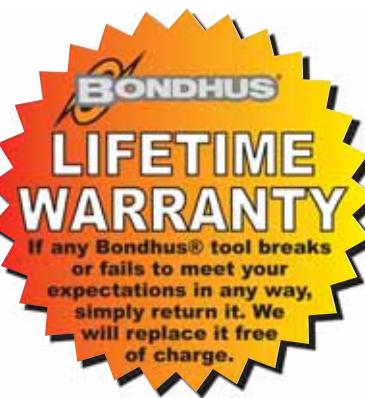
## SINGLE PACKAGING



| Singles | SIZE  | INCH | MM | INCH | MM  | PART# | QTY | LIST EA | PART# | QTY | LIST EA |
|---------|-------|------|----|------|-----|-------|-----|---------|-------|-----|---------|
| Inch    | 5/32  | 3    | 76 | 7.3  | 186 | 38409 | 1   | \$6.37  | 48409 | 1   | \$7.04  |
|         | 3/16  | 3    | 76 | 7.3  | 186 | 38410 | 1   | \$6.37  | 48410 | 1   | \$7.04  |
|         | 7/32  | 3    | 76 | 7.3  | 186 | 38411 | 1   | \$6.37  | 48411 | 1   | \$7.04  |
|         | 1/4   | 3    | 76 | 7.3  | 186 | 38412 | 1   | \$6.37  | 48412 | 1   | \$7.04  |
|         | 9/32  | 3    | 76 | 7.3  | 186 | 38432 | 1   | \$6.57  | 48432 | 1   | \$7.25  |
|         | 5/16  | 3    | 76 | 7.3  | 186 | 38413 | 1   | \$6.57  | 48413 | 1   | \$7.25  |
|         | 11/32 | 3    | 76 | 7.3  | 186 | 38435 | 1   | \$6.57  | 48435 | 1   | \$7.25  |
|         | 3/8   | 3    | 76 | 7.3  | 186 | 38414 | 1   | \$7.25  | 48414 | 1   | \$7.92  |
|         | 7/16  | 3    | 76 | 7.3  | 186 | 38415 | 1   | \$7.25  | 48415 | 1   | \$7.92  |
|         | 1/2   | 3    | 76 | 7.3  | 186 | 38416 | 1   | \$7.25  | 48416 | 1   | \$7.92  |
| Metric  | 4.0   | 3    | 76 | 7.3  | 186 | 38460 | 1   | \$6.37  | 48460 | 1   | \$7.04  |
|         | 5.0   | 3    | 76 | 7.3  | 186 | 38464 | 1   | \$6.37  | 48464 | 1   | \$7.04  |
|         | 5.5   | 3    | 76 | 7.3  | 186 | 38466 | 1   | \$6.37  | 48466 | 1   | \$7.04  |
|         | 6     | 3    | 76 | 7.3  | 186 | 38468 | 1   | \$6.37  | 48468 | 1   | \$7.04  |
|         | 7     | 3    | 76 | 7.3  | 186 | 38470 | 1   | \$6.57  | 48470 | 1   | \$7.25  |
|         | 8     | 3    | 76 | 7.3  | 186 | 38472 | 1   | \$6.57  | 48472 | 1   | \$7.25  |
|         | 9     | 3    | 76 | 7.3  | 186 | 38474 | 1   | \$6.57  | 48474 | 1   | \$7.25  |
|         | 10    | 3    | 76 | 7.3  | 186 | 38476 | 1   | \$7.25  | 48476 | 1   | \$7.92  |
|         | 11    | 3    | 76 | 7.3  | 186 | 38478 | 1   | \$7.25  | 48478 | 1   | \$7.92  |
|         | 12    | 3    | 76 | 7.3  | 186 | 38480 | 1   | \$7.25  | 48480 | 1   | \$7.92  |
|         | 13    | 3    | 76 | 7.3  | 186 | 38482 | 1   | \$7.25  | 48482 | 1   | \$7.92  |



48492



# ClickSet™ TLD (Torque Limiting Device)



**Factory preset  
torque value**

**Economical solution to an expensive problem**

Factory preset torque level helps prevent damage to carbide inserts.

Perfect for use with aluminum and plastic screws.



High Torque Steel:

Up to 20% stronger, with more torque and twice the wear resistance of standard grades of steel.

## FINISH OPTION:

### TUFFKOTE™ PTFE Finish

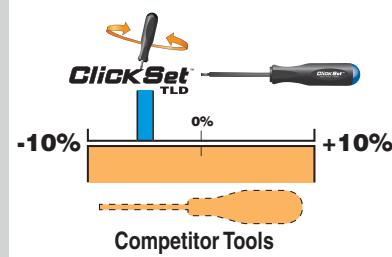
Impermeable polymer surface:

Impermeable PTFE (with TEFLON®\* material) added to finish for extra corrosion protection. Environmentally friendly finish, free of harsh chemicals, acids, and metals.

\* TEFLON® is a registered trademark of E.I. du Pont de Nemours and Co.

- Wide range of factory preset torque limiting handles – no adjustment needed
- When the preset torque level is reached, the mechanism slips and makes an audible “click”
- Protects from overtorquing
- Reduces fastener wear and stripping
- Reduces potential damage to carbide inserts
- Universal TORX® for TORX PLUS® and older style TORX® fasteners
- +/- 10% repeatability

## Dependable Economy



A Bondhus ClickSet™ TLD tool will deliver the same torque every time. Competitor tools deliver a different torque level with every use.



Replaceable blades snap into handle, simplifying blade replacement.



Ergonomically designed handles deliver unrivaled comfort and grip.



Slight texture of handle helps retain grip, even when hands are wet or oily.



The Bondhus ComfortGrip handle features a durable thermoplastic core wrapped in cushioned rubber for increased comfort and torque.

TORX® and TORX PLUS® are trademarks of Acument Intellectual Properties, LLC

# ClickSet™ TLD (Torque Limiting Device)

## - TuffKote™ Finish -

Screwdrivers

- Wide range of factory preset torque limiting handles – no adjustment needed
- When the preset torque level is reached, the mechanism slips and makes an audible “click”
- Protects from overtorquing
- Reduces fastener wear and stripping
- Reduces potential damage to carbide inserts
- Universal TORX® for TORX PLUS® and older style TORX® fasteners
- +/- 10% repeatability

Impermeable PTFE finish for extra corrosion protection.

**TUFFKOTE™**  
PTFE Finish


|                     | PART # | TORQUE            | QTY | LIST PRICE |
|---------------------|--------|-------------------|-----|------------|
| <b>Handles Only</b> | 50404  | 4.4 in-lb/0.5 Nm  | 1   | \$26.91    |
|                     | 50405  | 5.3 in-lb/0.6 Nm  | 1   | \$26.91    |
|                     | 50408  | 8.0 in-lb/0.9 Nm  | 1   | \$26.91    |
|                     | 50409  | 9.7 in-lb/1.1 Nm  | 1   | \$26.91    |
|                     | 50410  | 10.6 in-lb/1.2 Nm | 1   | \$26.91    |
|                     | 50412  | 12.4 in-lb/1.4 Nm | 1   | \$26.91    |
|                     | 50417  | 17.7 in-lb/2.0 Nm | 1   | \$26.91    |
|                     | 50422  | 22.1 in-lb/2.5 Nm | 1   | \$26.91    |
|                     | 50426  | 26.6 in-lb/3.0 Nm | 1   | \$26.91    |
|                     | 50431  | 31.0 in-lb/3.5 Nm | 1   | \$26.91    |

| Blades            | PART # | SIZE   | QTY | LIST PRICE |
|-------------------|--------|--------|-----|------------|
| <b>Inch Hex</b>   | 50102  | .050"  | 1   | \$9.32     |
|                   | 50103  | 1/16"  | 1   | \$9.32     |
|                   | 50104  | 5/64"  | 1   | \$9.32     |
|                   | 50105  | 3/32"  | 1   | \$9.32     |
|                   | 50106  | 7/64"  | 1   | \$9.32     |
|                   | 50107  | 1/8"   | 1   | \$9.32     |
|                   | 50150  | 1.5mm  | 1   | \$9.32     |
| <b>Metric Hex</b> | 50152  | 2.0mm  | 1   | \$9.32     |
|                   | 50154  | 2.5mm  | 1   | \$9.32     |
|                   | 50156  | 3.0mm  | 1   | \$9.32     |
|                   | 50205  | T/IP5  | 1   | \$9.32     |
| <b>TORX®</b>      | 50206  | T/IP6  | 1   | \$9.32     |
|                   | 50207  | T/IP7  | 1   | \$9.32     |
|                   | 50208  | T/IP8  | 1   | \$9.32     |
|                   | 50209  | T/IP9  | 1   | \$9.32     |
|                   | 50210  | T/IP10 | 1   | \$9.32     |
|                   | 50215  | T/IP15 | 1   | \$9.32     |

| Sets         | PART # | HANDLE TORQUE     | BLADE TIP | QTY | LIST PRICE |
|--------------|--------|-------------------|-----------|-----|------------|
| <b>TORX®</b> | 50004  | 4.4 in-lb/0.5 Nm  | T/IP5     | 1   | \$36.23    |
|              | 50005  | 5.3 in-lb/0.6 Nm  | T/IP6     | 1   | \$36.23    |
|              | 50008  | 8.0 in-lb/0.9 Nm  | T/IP7     | 1   | \$36.23    |
|              | 50010  | 10.6 in-lb/1.2 Nm | T/IP8     | 1   | \$36.23    |
|              | 50012  | 12.4 in-lb/1.4 Nm | T/IP9     | 1   | \$36.23    |
|              | 50017  | 22.1 in-lb/2.5 Nm | T/IP10    | 1   | \$36.23    |
|              | 50026  | 31.0 in-lb/3.5 Nm | T/IP15    | 1   | \$36.23    |

## ClickSet™ 1/4" Bit Holder

### - TuffKote™ Finish -

- 1/4" magnetic Bit Holder
- Accepts all 1/4" bits



| PART # | SIZE  | QTY | LIST PRICE |
|--------|-------|-----|------------|
| 50125  | .050" | 1   | \$15.99    |

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Made in the U.S.A.



INFO@SWIFTTOOL.COM

WWW.SWIFTTOOL.COM

# Socket Bits



High Torque Steel:

Up to 20% stronger, with more torque and twice the wear resistance of standard grades of steel.

## FINISH OPTIONS:



Corrosion-resistant finish:

Environmentally safe, provides better tool grip, resists solvents and is 5 times more corrosion resistant than competitor finishes.

## ProHold® Socket Bit Technology

Bondhus ProHold® technology is a revolution in holding systems that makes all other holding systems obsolete. Bits seat firmly into socket. No special tools are required to remove bits from sockets.



Bit sizes are clearly printed in white ink.



ProHold® buttons hold bit securely while allowing easy removal without the use of set screws or roll pins.



Bits are suitable for use with standard or impact sockets.

**Hex End Socket Bits****- ProGuard™ Finish -**

- Bits fit any standard six point socket
- Bits are suitable for use with impact sockets
- Chamfered tool tips eliminate burrs and help tools seat in screw head
- Sharp corners transfer more torque to the screw and reduce stripping
- Precision machined for ease of use and superior fit

ProGuard™ finish  
delivers superior  
corrosion protection



Hex End Tips



Molded Black Case



Clamshell Package

**Socket Bits**

| Sets          | PART# | MODEL#     | PCS | BIT LENGTH | DESCRIPTION    | PACKED IN             | CONTENTS   | QTY | LIST     |
|---------------|-------|------------|-----|------------|----------------|-----------------------|--|-----|----------|
| <b>Inch</b>   | 43299 | PHX9/S-2   | 9   | 2"/50mm    | Sockets & Bits | Transparent Clamshell | 5/32, 3/16, 7/32, 1/4, 5/16,<br>3/8, 1/2, 9/16, 5/8" | 1   | \$107.69 |
|               | 43645 | PHX5/S-6   | 5   | 6"/150mm   | Sockets & Bits | Transparent Clamshell | 5/16, 3/8, 1/2, 9/16, 5/8"                           | 1   | \$98.27  |
|               | 33299 | PHX9-2     | 9   | 2"/50mm    | Bits Only      | Transparent Clamshell | 5/32, 3/16, 7/32, 1/4, 5/16,<br>3/8, 1/2, 9/16, 5/8" | 1   | \$53.87  |
|               | 33645 | PHX5-6     | 5   | 6"/150mm   | Bits Only      | Transparent Clamshell | 5/16, 3/8, 1/2, 9/16, 5/8"                           | 1   | \$49.16  |
|               | 30299 | PHX9/S-2C  | 9   | 2"/50mm    | Sockets & Bits | Molded Black Case     | 5/32, 3/16, 7/32, 1/4, 5/16,<br>3/8, 1/2, 9/16, 5/8" | 1   | \$123.94 |
|               | 30645 | PHX5/S-6C  | 5   | 6"/150mm   | Sockets & Bits | Molded Black Case     | 5/16, 3/8, 1/2, 9/16, 5/8"                           | 1   | \$114.47 |
|               | 23299 | PHX9-2C    | 9   | 2"/50mm    | Bits Only      | Molded Black Case     | 5/32, 3/16, 7/32, 1/4, 5/16,<br>3/8, 1/2, 9/16, 5/8" | 1   | \$64.69  |
| <b>Metric</b> | 43298 | PHX9M/S-2  | 9   | 2"/50mm    | Sockets & Bits | Transparent Clamshell | 4, 5, 6, 7, 8, 10, 12, 14, 17mm                      | 1   | \$110.28 |
|               | 43646 | PHX6M/S-6  | 6   | 6"/150mm   | Sockets & Bits | Transparent Clamshell | 4, 5, 6, 7, 8, 10mm                                  | 1   | \$80.94  |
|               | 33298 | PHX9M-2    | 9   | 2"/50mm    | Bits Only      | Transparent Clamshell | 4, 5, 6, 7, 8, 10, 12, 14, 17mm                      | 1   | \$55.17  |
|               | 33646 | PHX6M-6    | 6   | 6"/150mm   | Bits Only      | Transparent Clamshell | 4, 5, 6, 7, 8, 10mm                                  | 1   | \$40.52  |
|               | 30298 | PHX9M/S-2C | 9   | 2"/50mm    | Sockets & Bits | Molded Black Case     | 4, 5, 6, 7, 8, 10, 12, 14, 17mm                      | 1   | \$126.48 |
|               | 30646 | PHX6M/S-6C | 6   | 6"/150mm   | Sockets & Bits | Molded Black Case     | 4, 5, 6, 7, 8, 10mm                                  | 1   | \$97.19  |
|               | 23246 | PHX6M-2C   | 6   | 2"/50mm    | Bits Only      | Molded Black Case     | 4, 5, 6, 7, 8, 10mm                                  | 1   | \$45.02  |
|               | 23298 | PHX9M-2C   | 9   | 2"/50mm    | Bits Only      | Molded Black Case     | 4, 5, 6, 7, 8, 10, 12, 14, 17mm                      | 1   | \$65.93  |
|               | 23296 | PHX9ML-2C  | 9   | 2"/50mm    | Bits Only      | Molded Black Case     | 5, 6, 7, 8, 10, 12, 14, 17, 19mm                     | 1   | \$74.62  |



BIT ONLY



SOCKET AND BIT

| Singles                          | SIZE             | PART# | QTY | LIST    | EA               | PART# | QTY | DRIVE | LIST    | EA |
|----------------------------------|------------------|-------|-----|---------|------------------|-------|-----|-------|---------|----|
| <b>2" Long</b> <b>50mm Long</b>  |                  |       |     |         |                  |       |     |       |         |    |
| <b>Inch</b>                      | 1/8              | 33207 | 1   | \$6.62  |                  | 43207 | 1   | 3/8"  | \$12.16 |    |
|                                  | 5/32             | 33209 | 1   | \$6.62  |                  | 43209 | 1   | 3/8"  | \$12.16 |    |
|                                  | 3/16             | 33210 | 1   | \$6.78  |                  | 43210 | 1   | 3/8"  | \$12.37 |    |
|                                  | 7/32             | 33211 | 1   | \$6.83  |                  | 43211 | 1   | 3/8"  | \$12.42 |    |
|                                  | 1/4              | 33212 | 1   | \$6.99  |                  | 43212 | 1   | 3/8"  | \$12.52 |    |
|                                  | 5/16             | 33213 | 1   | \$7.30  |                  | 43213 | 1   | 3/8"  | \$12.89 |    |
|                                  | 3/8              | 33214 | 1   | \$7.87  |                  | 43214 | 1   | 3/8"  | \$13.40 |    |
|                                  | 1/2              | 33216 | 1   | \$8.90  |                  | 43216 | 1   | 1/2"  | \$15.01 |    |
|                                  | 9/16             | 33217 | 1   | \$9.30  |                  | 43217 | 1   | 1/2"  | \$15.42 |    |
|                                  | 5/8              | 33218 | 1   | \$10.30 |                  | 43218 | 1   | 1/2"  | \$16.40 |    |
| <b>Inch</b>                      | 3/4              | 33219 | 1   | \$12.47 |                  | 43219 | 1   | 1/2"  | \$21.22 |    |
|                                  | <b>2.5" Long</b> |       |     |         | <b>65mm Long</b> |       |     |       |         |    |
|                                  | 7/8              | 33220 | 1   | \$14.75 |                  | -     | -   | -     | -       |    |
|                                  | 1                | 33221 | 1   | \$22.25 |                  | -     | -   | -     | -       |    |
|                                  | 1 1/8            | 33223 | 1   | \$28.81 |                  | -     | -   | -     | -       |    |
|                                  | 1 1/4            | 33225 | 1   | \$28.98 |                  | -     | -   | -     | -       |    |
|                                  | 1 1/2            | 33229 | 1   | \$36.74 |                  | -     | -   | -     | -       |    |
| <b>Inch</b>                      | 1 3/4            | 33231 | 1   | \$45.54 |                  | -     | -   | -     | -       |    |
|                                  | 2                | 33233 | 1   | \$51.74 |                  | -     | -   | -     | -       |    |
| <b>6" Long</b> <b>150mm Long</b> |                  |       |     |         |                  |       |     |       |         |    |
| <b>Inch</b>                      | 1/8              | 33607 | 1   | \$6.78  |                  | 43507 | 1   | 3/8"  | \$12.52 |    |
|                                  | 5/32             | 33609 | 1   | \$6.78  |                  | 43509 | 1   | 3/8"  | \$12.52 |    |
|                                  | 3/16             | 33610 | 1   | \$7.04  |                  | 43510 | 1   | 3/8"  | \$12.89 |    |
|                                  | 7/32             | 33611 | 1   | \$7.30  |                  | 43511 | 1   | 3/8"  | \$13.20 |    |
|                                  | 1/4              | 33612 | 1   | \$7.56  |                  | 43512 | 1   | 3/8"  | \$13.61 |    |
|                                  | 5/16             | 33613 | 1   | \$8.69  |                  | 43513 | 1   | 3/8"  | \$14.18 |    |
|                                  | 3/8              | 33614 | 1   | \$10.04 |                  | 43514 | 1   | 3/8"  | \$14.80 |    |
|                                  | 5/16             | -     | -   | -       |                  | 43613 | 1   | 1/2"  | \$15.53 |    |
|                                  | 3/8              | -     | -   | -       |                  | 43614 | 1   | 1/2"  | \$16.87 |    |
|                                  | 1/2              | 33616 | 1   | \$13.77 |                  | 43616 | 1   | 1/2"  | \$20.65 |    |
|                                  | 9/16             | 33617 | 1   | \$15.58 |                  | 43617 | 1   | 1/2"  | \$22.51 |    |
|                                  | 5/8              | 33618 | 1   | \$17.23 |                  | 43618 | 1   | 1/2"  | \$24.17 |    |
|                                  | 3/4              | 33619 | 1   | \$22.72 |                  | 43619 | 1   | 1/2"  | \$30.58 |    |

| Singles                         | SIZE | PART# | QTY | LIST   | EA | PART# | QTY | DRIVE | LIST    | EA |
|---------------------------------|------|-------|-----|--------|----|-------|-----|-------|---------|----|
| <b>2" Long</b> <b>50mm Long</b> |      |       |     |        |    |       |     |       |         |    |
| <b>Metric</b>                   | 3.0  | 33256 | 1   | \$6.57 |    | 43256 | 1   | 3/8"  | \$12.11 |    |

|               |     |       |   |         |  |       |   |      |         |  |
|---------------|-----|-------|---|---------|--|-------|---|------|---------|--|
| <b>Metric</b> | 3.0 | 33256 | 1 | \$6.57  |  | 43256 | 1 | 3/8" | \$12.11 |  |
|               | 4.0 | 33260 | 1 | \$6.62  |  | 43260 | 1 | 3/8" | \$12.16 |  |
|               | 5.0 | 33264 | 1 | \$6.78  |  | 43264 | 1 | 3/8" | \$12.47 |  |
|               | 6   | 33268 | 1 | \$7.04  |  | 43268 | 1 | 3/8" | \$12.73 |  |
|               | 7   | 33270 | 1 | \$7.19  |  | 43270 | 1 | 3/8" | \$12.94 |  |
|               | 8   | 33272 | 1 | \$7.30  |  | 43272 | 1 | 3/8" | \$13.04 |  |
|               | 9   | 33274 | 1 | \$7.92  |  | 43274 | 1 | 3/8" | \$13.61 |  |
|               | 10  | 33276 | 1 | \$7.92  |  | 43276 | 1 | 3/8" | \$13.61 |  |
|               | 12  | 33280 | 1 | \$9.26  |  | 43280 | 1 | 1/2" | \$14.90 |  |
|               | 14  | 33284 | 1 | \$9.63  |  | 43284 | 1 | 1/2" | \$15.89 |  |
| <b>Metric</b> | 17  | 33286 | 1 | \$11.80 |  | 43286 | 1 | 1/2" | \$18.06 |  |
|               | 19  | 33288 | 1 | \$12.94 |  | 43288 | 1 | 1/2" | \$21.53 |  |

| Singles                           | SIZE | PART# | QTY | LIST    | EA | PART# | QTY | DRIVE | LIST | EA |
|-----------------------------------|------|-------|-----|---------|----|-------|-----|-------|------|----|
| <b>2.5" Long</b> <b>65mm Long</b> |      |       |     |         |    |       |     |       |      |    |
| <b>Metric</b>                     | 22   | 33291 | 1   | \$22.25 |    | -     | -   | -     | -    |    |

**Ball End Socket Bits****- ProGuard™ Finish -**

- Bits fit any standard six point socket
- Ball End inserts into a screw at a 25° angle
- Ball End saves time by quickly funneling tool into screw
- Superior Ball End strength and working angle

ProGuard™ finish  
delivers superior  
corrosion protection



Ball End Tips



Molded Black Case



Clamshell Package

| Sets          | PART# | MODEL#      | PCS | BIT LENGTH | DESCRIPTION    | PACKED IN             | CONTENTS                               | QTY | LIST     |
|---------------|-------|-------------|-----|------------|----------------|-----------------------|--|-----|----------|
| <b>Inch</b>   | 43445 | PHBX7/S-2   | 7   | 2"/50mm    | Sockets & Bits | Transparent Clamshell | 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$86.11  |
|               | 43845 | PHBX7/S-6   | 7   | 6"/150mm   | Sockets & Bits | Transparent Clamshell | 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$96.82  |
|               | 31445 | PHBX7-2     | 7   | 2"/50mm    | Bits Only      | Transparent Clamshell | 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$42.95  |
|               | 31645 | PHBX7-6     | 7   | 6"/150mm   | Bits Only      | Transparent Clamshell | 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$48.39  |
|               | 30445 | PHBX7/S-2C  | 7   | 2"/50mm    | Sockets & Bits | Molded Black Case     | 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$102.31 |
|               | 30845 | PHBX7/S-6C  | 7   | 6"/150mm   | Sockets & Bits | Molded Black Case     | 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$113.02 |
|               | 23445 | PHBX7-2C    | 7   | 2"/50mm    | Bits Only      | Molded Black Case     | 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" | 1   | \$53.77  |
| <b>Metric</b> | 43487 | PHBX8M/S-2  | 8   | 2"/50mm    | Sockets & Bits | Transparent Clamshell | 3, 4, 5, 6, 7, 8, 9, 10mm              | 1   | \$99.83  |
|               | 43887 | PHBX8M/S-6  | 8   | 6"/150mm   | Sockets & Bits | Transparent Clamshell | 3, 4, 5, 6, 7, 8, 9, 10mm              | 1   | \$110.64 |
|               | 31487 | PHBX8M-2    | 8   | 2"/50mm    | Bits Only      | Transparent Clamshell | 3, 4, 5, 6, 7, 8, 9, 10mm              | 1   | \$50.09  |
|               | 31687 | PHBX8M-6    | 8   | 6"/150mm   | Bits Only      | Transparent Clamshell | 3, 4, 5, 6, 7, 8, 9, 10mm              | 1   | \$55.32  |
|               | 30487 | PHBX8M/S-2C | 8   | 2"/50mm    | Sockets & Bits | Molded Black Case     | 3, 4, 5, 6, 7, 8, 9, 10mm              | 1   | \$116.02 |
|               | 30887 | PHBX8M/S-6C | 8   | 6"/150mm   | Sockets & Bits | Molded Black Case     | 3, 4, 5, 6, 7, 8, 9, 10mm              | 1   | \$126.89 |
|               | 23487 | PHBX8M-2C   | 8   | 2"/50mm    | Bits Only      | Molded Black Case     | 3, 4, 5, 6, 7, 8, 9, 10mm              | 1   | \$60.91  |



BIT ONLY



SOCKET AND BIT



BIT ONLY



SOCKET AND BIT

| Singles        | SIZE | PART#             | QTY | LIST EA | PART# | QTY | DRIVE | LIST EA |
|----------------|------|-------------------|-----|---------|-------|-----|-------|---------|
| <b>2" Long</b> |      | <b>50mm Long</b>  |     |         |       |     |       |         |
| <b>Inch</b>    | 1/8  | 31407             | 1   | \$7.25  | 43407 | 1   | 3/8"  | \$12.99 |
|                | 5/32 | 31409             | 1   | \$7.30  | 43409 | 1   | 3/8"  | \$13.20 |
|                | 3/16 | 31410             | 1   | \$7.45  | 43410 | 1   | 3/8"  | \$13.40 |
|                | 7/32 | 31411             | 1   | \$7.50  | 43411 | 1   | 3/8"  | \$13.51 |
|                | 1/4  | 31412             | 1   | \$7.66  | 43412 | 1   | 3/8"  | \$13.66 |
|                | 5/16 | 31413             | 1   | \$8.02  | 43413 | 1   | 3/8"  | \$14.18 |
|                | 3/8  | 31414             | 1   | \$8.44  | 43414 | 1   | 3/8"  | \$14.70 |
|                | 5/16 | -                 | -   | -       | 43913 | 1   | 1/2"  | \$14.70 |
|                | 3/8  | -                 | -   | -       | 43914 | 1   | 1/2"  | \$15.27 |
|                | 1/2  | 31416             | 1   | \$9.83  | 43916 | 1   | 1/2"  | \$17.13 |
|                | 9/16 | 31417             | 1   | \$10.30 | 43917 | 1   | 1/2"  | \$17.75 |
|                | 5/8  | 31418             | 1   | \$11.13 | 43918 | 1   | 1/2"  | \$18.89 |
|                | 3/4  | 31419             | 1   | \$13.51 | 43919 | 1   | 1/2"  | \$23.75 |
| <b>6" Long</b> |      | <b>150mm Long</b> |     |         |       |     |       |         |
| <b>Inch</b>    | 1/8  | 31607             | 1   | \$7.25  | 43807 | 1   | 3/8"  | \$13.40 |
|                | 5/32 | 31609             | 1   | \$7.45  | 43809 | 1   | 3/8"  | \$13.87 |
|                | 3/16 | 31610             | 1   | \$7.87  | 43810 | 1   | 3/8"  | \$14.23 |
|                | 7/32 | 31611             | 1   | \$8.12  | 43811 | 1   | 3/8"  | \$14.59 |
|                | 1/4  | 31612             | 1   | \$9.26  | 43812 | 1   | 3/8"  | \$15.06 |
|                | 5/16 | 31613             | 1   | \$9.47  | 43813 | 1   | 3/8"  | \$16.77 |
|                | 3/8  | 31614             | 1   | \$10.92 | 43814 | 1   | 3/8"  | \$18.22 |
|                | 1/2  | 31616             | 1   | \$14.85 | 43716 | 1   | 1/2"  | \$22.51 |
|                | 9/16 | 31617             | 1   | \$17.03 | 43717 | 1   | 1/2"  | \$24.53 |
|                | 5/8  | 31618             | 1   | \$18.68 | 43718 | 1   | 1/2"  | \$29.76 |
|                | 3/4  | 31619             | 1   | \$24.79 | 43719 | 1   | 1/2"  | \$36.69 |

| Singles        | SIZE | PART#             | QTY | LIST EA | PART# | QTY | DRIVE | LIST EA |
|----------------|------|-------------------|-----|---------|-------|-----|-------|---------|
| <b>2" Long</b> |      | <b>50mm Long</b>  |     |         |       |     |       |         |
| <b>Metric</b>  | 3.0  | 31456             | 1   | \$7.25  | 43456 | 1   | 3/8"  | \$13.14 |
|                | 4.0  | 31460             | 1   | \$7.25  | 43460 | 1   | 3/8"  | \$13.14 |
|                | 5.0  | 31464             | 1   | \$7.45  | 43464 | 1   | 3/8"  | \$13.40 |
|                | 6    | 31468             | 1   | \$7.66  | 43468 | 1   | 3/8"  | \$13.71 |
|                | 7    | 31470             | 1   | \$7.87  | 43470 | 1   | 3/8"  | \$13.71 |
|                | 8    | 31472             | 1   | \$8.07  | 43472 | 1   | 3/8"  | \$14.23 |
|                | 9    | 31474             | 1   | \$8.28  | 43474 | 1   | 3/8"  | \$14.54 |
|                | 10   | 31476             | 1   | \$8.69  | 43476 | 1   | 3/8"  | \$15.06 |
|                | 12   | 31480             | 1   | \$9.94  | 43480 | 1   | 3/8"  | \$16.55 |
|                | 12   | -                 | -   | -       | 43980 | 1   | 1/2"  | \$17.13 |
|                | 14   | 31484             | 1   | \$10.35 | 43984 | 1   | 1/2"  | \$17.75 |
|                | 17   | 31486             | 1   | \$12.42 | 43986 | 1   | 1/2"  | \$19.92 |
|                | 19   | 31488             | 1   | \$13.97 | 43988 | 1   | 1/2"  | \$23.75 |
| <b>6" Long</b> |      | <b>150mm Long</b> |     |         |       |     |       |         |
| <b>Metric</b>  | 3.0  | 31656             | 1   | \$7.25  | 43856 | 1   | 3/8"  | \$13.40 |
|                | 4.0  | 31660             | 1   | \$7.45  | 43860 | 1   | 3/8"  | \$13.87 |
|                | 5.0  | 31664             | 1   | \$7.87  | 43864 | 1   | 3/8"  | \$14.23 |
|                | 6    | 31668             | 1   | \$8.44  | 43868 | 1   | 3/8"  | \$15.06 |
|                | 7    | 31670             | 1   | \$9.47  | 43870 | 1   | 3/8"  | \$15.58 |
|                | 8    | 31672             | 1   | \$10.25 | 43872 | 1   | 3/8"  | \$16.09 |
|                | 9    | 31674             | 1   | \$10.30 | 43874 | 1   | 3/8"  | \$16.35 |
|                | 10   | 31676             | 1   | \$11.23 | 43876 | 1   | 3/8"  | \$17.49 |
|                | 12   | 31680             | 1   | \$14.18 | 43780 | 1   | 1/2"  | \$22.82 |
|                | 14   | 31684             | 1   | \$15.32 | 43784 | 1   | 1/2"  | \$24.27 |
|                | 17   | 31686             | 1   | \$20.08 | 43786 | 1   | 1/2"  | \$29.76 |
|                | 19   | 31688             | 1   | \$24.74 | 43788 | 1   | 1/2"  | \$36.69 |

**TORX® Socket Bits****Socket Bits****- ProGuard™ Finish -**

- Fits all TORX® and Star screws
- Bits fit any standard six point socket
- Bits are suitable for use with impact sockets
- Burr free tool tips help tools seat fully in screw head
- Precision machined tips transfer more torque to the screw and reduces stripping

ProGuard™ finish  
delivers superior  
corrosion protection

Molded Black Case



Clamshell Package

**TORX® & Metric Hex**

| PART# | MODEL#    | PCS | BIT LENGTH | DESCRIPTION | PACKED IN         | CONTENTS                         | QTY | LIST    |
|-------|-----------|-----|------------|-------------|-------------------|----------------------------------|-----|---------|
| 23290 | PHTXH7-2C | 7   | 2"/50mm    | Bits Only   | Molded Black Case | T45, T50, T55 & 12, 14, 17, 19mm | 1   | \$71.36 |

| Sets           | PART# | MODEL#      | PCS | BIT LENGTH | DESCRIPTION    | PACKED IN             | CONTENTS   | QTY | LIST     |
|----------------|-------|-------------|-----|------------|----------------|-----------------------|--|-----|----------|
| <b>TORX®</b>   | 44038 | PHTX10/S-2  | 10  | 2"/50mm    | Sockets & Bits | Transparent Clamshell | T10, T15, T20, T25, T27, T30, T40, T45, T50, T55               | 1   | \$102.21 |
|                | 44037 | PHTX13/S-2  | 13  | 2"/50mm    | Sockets & Bits | Transparent Clamshell | T8, T10, T15, T20, T25, T27, T30, T40, T45, T47, T50, T55, T60 | 1   | \$135.64 |
|                | 44699 | PHTX9/S-6   | 9   | 6"/150mm   | Sockets & Bits | Transparent Clamshell | T8, T9, T10, T15, T20, T25, T27, T30, T40                      | 1   | \$91.96  |
|                | 44632 | PHTX8/S-6   | 8   | 6"/150mm   | Sockets & Bits | Transparent Clamshell | T8, T10, T15, T20, T25, T27, T30, T40                          | 1   | \$82.18  |
|                | 32038 | PHTX10-2    | 10  | 2"/50mm    | Bits Only      | Transparent Clamshell | T10, T15, T20, T25, T27, T30, T40, T45, T50, T55               | 1   | \$52.99  |
|                | 32037 | PHTX13-2    | 13  | 2"/50mm    | Bits Only      | Transparent Clamshell | T8, T10, T15, T20, T25, T27, T30, T40, T45, T47, T50, T55, T60 | 1   | \$72.97  |
|                | 34099 | PHTX9-6     | 9   | 6"/150mm   | Bits Only      | Transparent Clamshell | T8, T9, T10, T15, T20, T25, T27, T30, T40                      | 1   | \$50.30  |
|                | 34032 | PHTX8-6     | 8   | 6"/150mm   | Bits Only      | Transparent Clamshell | T8, T10, T15, T20, T25, T27, T30, T40                          | 1   | \$44.56  |
|                | 31038 | PHTX10/S-2C | 10  | 2"/50mm    | Sockets & Bits | Molded Black Case     | T10, T15, T20, T25, T27, T30, T40, T45, T50, T55               | 1   | \$118.46 |
|                | 30799 | PHTX9/S-6C  | 9   | 6"/150mm   | Sockets & Bits | Molded Black Case     | T8, T9, T10, T15, T20, T25, T27, T30, T40                      | 1   | \$108.16 |
| <b>Singles</b> | 31037 | PHTX13/S-2C | 13  | 2"/50mm    | Sockets & Bits | Molded Black Case     | T8, T10, T15, T20, T25, T27, T30, T40, T45, T47, T50, T55, T60 | 1   | \$151.83 |
|                | 22489 | PHTX9L-2C   | 9   | 2"/50mm    | Bits Only      | Molded Black Case     | T15, T20, T25, T30, T40, T45, T50, T55, T60                    | 1   | \$74.62  |
|                | 22491 | PHTX9-2C    | 9   | 2"/50mm    | Bits Only      | Molded Black Case     | T8, T9, T10, T15, T20, T25, T27, T30, T40                      | 1   | \$58.84  |
|                | 22437 | PHTX13-2C   | 13  | 2"/50mm    | Bits Only      | Molded Black Case     | T8, T10, T15, T20, T25, T27, T30, T40, T45, T47, T50, T55, T60 | 1   | \$83.78  |

| Singles      | SIZE    | BIT STOCK | PART#  | QTY | LIST EA | PART#          | QTY               | DRIVE | LIST EA | SIZE | BIT STOCK | PART# | QTY   | LIST EA | PART#   | QTY   | DRIVE | LIST EA |         |
|--------------|---------|-----------|--------|-----|---------|----------------|-------------------|-------|---------|------|-----------|-------|-------|---------|---------|-------|-------|---------|---------|
|              |         |           |        |     |         |                |                   |       |         |      |           |       |       |         |         |       |       |         |         |
| <b>TORX®</b> | 2" Long | 50mm Long |        |     |         | <b>6" Long</b> | <b>150mm Long</b> |       |         |      |           |       |       |         |         |       |       |         |         |
|              | T7      | 3mm       | 32007  | 1   | \$10.34 | 44007          | 1                 | 1/4"  | \$17.13 |      |           |       |       |         |         |       |       |         |         |
|              | T8      | 3mm       | 32008  | 1   | \$10.34 | 44008          | 1                 | 1/4"  | \$17.13 |      | T8        | 3mm   | 34008 | 1       | \$10.45 | 44608 | 1     | 1/4"    | \$17.28 |
|              | T9      | 3mm       | 32009  | 1   | \$10.34 | 44009          | 1                 | 1/4"  | \$17.13 |      | T9        | 3mm   | 34009 | 1       | \$10.45 | 44609 | 1     | 1/4"    | \$17.28 |
|              | T10     | 3mm       | 32010  | 1   | \$10.34 | 44010          | 1                 | 1/4"  | \$17.13 |      | T10       | 3mm   | 34010 | 1       | \$10.45 | 44610 | 1     | 1/4"    | \$17.28 |
|              | T15     | 3mm       | 32015  | 1   | \$9.26  | 44015          | 1                 | 1/4"  | \$15.16 |      | T15       | 3mm   | 34015 | 1       | \$9.47  | 44615 | 1     | 1/4"    | \$15.47 |
|              | T20     | 4mm       | 32020  | 1   | \$9.16  | 44020          | 1                 | 1/4"  | \$14.85 |      | T20       | 4mm   | 34020 | 1       | \$9.47  | 44620 | 1     | 1/4"    | \$15.47 |
|              | T25     | 4mm       | 32025  | 1   | \$9.16  | 44025          | 1                 | 1/4"  | \$14.85 |      | T25       | 4mm   | 34025 | 1       | \$9.52  | 44625 | 1     | 1/4"    | \$15.58 |
|              | T27     | 5mm       | 32027  | 1   | \$9.26  | 44027          | 1                 | 1/4"  | \$15.16 |      | T27       | 5mm   | 34027 | 1       | \$9.57  | 44627 | 1     | 1/4"    | \$15.68 |
|              | T30     | 5mm       | 32030  | 1   | \$9.26  | 44030          | 1                 | 1/4"  | \$15.16 |      | T30       | 5mm   | 34030 | 1       | \$9.94  | 44630 | 1     | 1/4"    | \$16.04 |
|              | T40     | 6mm       | 32040  | 1   | \$10.30 | 44240          | 1                 | 3/8"  | \$17.03 |      | T40       | 6mm   | 34040 | 1       | \$10.97 | 44640 | 1     | 3/8"    | \$18.27 |
|              | T45     | 7mm       | 32045  | 1   | \$10.35 | 44245          | 1                 | 3/8"  | \$17.23 |      |           |       |       |         |         |       |       |         |         |
|              | T47     | 8mm       | 32047  | 1   | \$10.51 | 44247          | 1                 | 3/8"  | \$17.49 |      |           |       |       |         |         |       |       |         |         |
|              | T50     | 9mm       | 32050  | 1   | \$10.66 | 44250          | 1                 | 3/8"  | \$17.75 |      |           |       |       |         |         |       |       |         |         |
|              | T55     | 10mm      | 32055  | 1   | \$11.13 | 44255          | 1                 | 3/8"  | \$18.68 |      |           |       |       |         |         |       |       |         |         |
|              | T60     | 12mm      | 32060  | 1   | \$12.21 | 44260          | 1                 | 1/2"  | \$20.69 |      |           |       |       |         |         |       |       |         |         |
|              | T70     | 17mm      | 32070  | 1   | \$20.70 |                |                   |       |         |      |           |       |       |         |         |       |       |         |         |
|              | T80     | 19mm      | 32080  | 1   | \$21.22 |                |                   |       |         |      |           |       |       |         |         |       |       |         |         |
|              | T90*    | 22mm      | 32090* | 1   | \$31.05 |                |                   |       |         |      |           |       |       |         |         |       |       |         |         |
|              | T100*   | 22mm      | 32000* | 1   | \$36.23 |                |                   |       |         |      |           |       |       |         |         |       |       |         |         |

\*32090 (T90) &amp; 32000 (T100) are 2.5" long.

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All Bondhus® tools are made with Protanium® High Torque Steel.

**Ball End Blades****- ProGuard™ Finish -**

- Ball End inserts into a screw at a 25° angle
- Ball End saves time by quickly funneling tool into screw
- Superior Ball End strength and working angle
- Works in hard to reach places
- Ideal for use in socket wrenches, power tools or with a Hextender for added reach
- Available in Extra Long lengths

ProGuard™ finish  
delivers superior  
corrosion protection



|                        |      | SINGLE PACKAGING |     |       |     |         |
|------------------------|------|------------------|-----|-------|-----|---------|
|                        |      | PACKAGED         |     |       |     |         |
| Singles                | SIZE | INCH             | MM  | PART# | QTY | LIST EA |
| <b>Standard Length</b> |      |                  |     |       |     |         |
| <b>Inch</b>            | .050 | 3.4              | 86  | 0102  | 1   | \$1.02  |
|                        | 1/16 | 3.5              | 89  | 0103  | 1   | \$1.02  |
|                        | 5/64 | 3.6              | 93  | 0104  | 1   | \$1.02  |
|                        | 3/32 | 3.8              | 96  | 0105  | 1   | \$1.06  |
|                        | 7/64 | 4.3              | 109 | 0106  | 1   | \$1.20  |
|                        | 1/8  | 4.5              | 115 | 0107  | 1   | \$1.23  |
|                        | 9/64 | 4.8              | 121 | 0108  | 1   | \$1.23  |
|                        | 5/32 | 5.1              | 129 | 0109  | 1   | \$1.29  |
|                        | 3/16 | 5.5              | 139 | 0110  | 1   | \$1.50  |
|                        | 7/32 | 5.9              | 151 | 0111  | 1   | \$1.81  |
|                        | 1/4  | 6.7              | 170 | 0112  | 1   | \$2.07  |
|                        | 5/16 | 7.3              | 186 | 0113  | 1   | \$3.28  |
|                        | 3/8  | 8.2              | 208 | 0114  | 1   | \$4.62  |
|                        | 7/16 | 9.1              | 232 | 0115  | 1   | \$9.56  |
|                        | 1/2  | 10.1             | 255 | 0116  | 1   | \$12.23 |
|                        | 9/16 | 10.9             | 277 | 0117  | 1   | \$14.96 |
|                        | 5/8  | 11.8             | 299 | 0118  | 1   | \$16.73 |
|                        | 3/4  | 13.5             | 344 | 0119  | 1   | \$27.67 |

|                        |      | SINGLE PACKAGING |     |       |     |         |
|------------------------|------|------------------|-----|-------|-----|---------|
|                        |      | PACKAGED         |     |       |     |         |
| Singles                | SIZE | INCH             | MM  | PART# | QTY | LIST EA |
| <b>Standard Length</b> |      |                  |     |       |     |         |
| <b>Metric</b>          | 1.5  | 3.6              | 91  | 0150  | 1   | \$1.02  |
|                        | 2.0  | 3.8              | 98  | 0152  | 1   | \$1.02  |
|                        | 2.5  | 4.2              | 107 | 0154  | 1   | \$1.09  |
|                        | 3.0  | 4.6              | 118 | 0156  | 1   | \$1.21  |
|                        | 3.5  | 4.8              | 123 | 0158  | 1   | \$1.26  |
|                        | 4.0  | 5.2              | 133 | 0160  | 1   | \$1.29  |
|                        | 4.5  | 5.5              | 140 | 0162  | 1   | \$1.49  |
|                        | 5.0  | 5.8              | 148 | 0164  | 1   | \$1.65  |
|                        | 5.5  | 6.1              | 155 | 0166  | 1   | \$1.91  |
|                        | 6    | 6.7              | 170 | 0168  | 1   | \$2.20  |
|                        | 7    | 7.3              | 184 | 0170  | 1   | \$2.97  |
|                        | 8    | 7.8              | 199 | 0172  | 1   | \$3.51  |
|                        | 9    | 8.4              | 214 | 0174  | 1   | \$4.22  |
|                        | 10   | 9.0              | 229 | 0176  | 1   | \$5.13  |
|                        | 11   | 9.6              | 245 | 0178  | 1   | \$9.46  |
|                        | 12   | 10.5             | 267 | 0180  | 1   | \$11.34 |
|                        | 14   | 12.5             | 318 | 0184  | 1   | \$14.18 |
|                        | 17   | 13.6             | 346 | 0186  | 1   | \$22.51 |
|                        | 19   | 14.5             | 368 | 0188  | 1   | \$26.69 |

|             |      | SINGLE PACKAGING |     |       |     |         |
|-------------|------|------------------|-----|-------|-----|---------|
|             |      | PACKAGED         |     |       |     |         |
| Singles     | SIZE | INCH             | MM  | PART# | QTY | LIST EA |
| <b>Long</b> |      |                  |     |       |     |         |
| <b>Inch</b> | -    | -                | -   | -     | -   | -       |
|             | -    | -                | -   | -     | -   | -       |
|             | 5/64 | 5.3              | 135 | 0404  | 1   | \$1.79  |
|             | 3/32 | 5.8              | 148 | 0405  | 1   | \$1.79  |
|             | 7/64 | 7.3              | 186 | 0406  | 1   | \$1.79  |
|             | 1/8  | 7.8              | 199 | 0407  | 1   | \$2.10  |
|             | 9/64 | 8.4              | 214 | 0408  | 1   | \$2.10  |
|             | 5/32 | 8.9              | 227 | 0409  | 1   | \$3.05  |
|             | 3/16 | 9.7              | 246 | 0410  | 1   | \$3.13  |
|             | 7/32 | 10.2             | 259 | 0411  | 1   | \$3.64  |
|             | 1/4  | 10.7             | 270 | 0412  | 1   | \$4.50  |
|             | 5/16 | 11.3             | 286 | 0413  | 1   | \$6.58  |
|             | 3/8  | 11.7             | 297 | 0414  | 1   | \$7.34  |

|                   |      | SINGLE PACKAGING |       |      |         |         |
|-------------------|------|------------------|-------|------|---------|---------|
|                   |      | PACKAGED         |       |      |         |         |
| Sizes             | INCH | MM               | PART# | QTY  | LIST EA |         |
| <b>Extra Long</b> |      |                  |       |      |         |         |
|                   | .050 | 12.0             | 305   | 3602 | 1       | \$6.93  |
|                   | 1/16 | 12.0             | 305   | 3603 | 1       | \$6.93  |
|                   | 5/64 | 12.0             | 305   | 3604 | 1       | \$6.93  |
|                   | 3/32 | 12.0             | 305   | 3605 | 1       | \$6.99  |
|                   | 7/64 | 12.0             | 305   | 3606 | 1       | \$7.05  |
|                   | 1/8  | 12.0             | 305   | 3607 | 1       | \$7.11  |
|                   | 9/64 | 12.0             | 305   | 3608 | 1       | \$7.23  |
|                   | 5/32 | 12.0             | 305   | 3609 | 1       | \$7.47  |
|                   | 3/16 | 12.0             | 305   | 3610 | 1       | \$7.85  |
|                   | 7/32 | 12.0             | 305   | 3611 | 1       | \$7.85  |
|                   | 1/4  | 12.0             | 305   | 3612 | 1       | \$7.85  |
|                   | 5/16 | 12.0             | 305   | 3613 | 1       | \$8.92  |
|                   | 3/8  | 12.0             | 305   | 3614 | 1       | \$10.66 |
|                   | 7/16 | 12.0             | 305   | 3615 | 1       | \$12.58 |
|                   | 1/2  | 12.0             | 305   | 3616 | 1       | \$14.40 |

|               |      | SINGLE PACKAGING |     |       |     |         |
|---------------|------|------------------|-----|-------|-----|---------|
|               |      | PACKAGED         |     |       |     |         |
| Singles       | SIZE | INCH             | MM  | PART# | QTY | LIST EA |
| <b>Long</b>   |      |                  |     |       |     |         |
| <b>Metric</b> | -    | -                | -   | -     | -   | -       |
|               | -    | -                | -   | -     | -   | -       |
|               | 2.0  | 5.0              | 128 | 0452  | 1   | \$1.79  |
|               | 2.5  | 5.8              | 148 | 0454  | 1   | \$1.79  |
|               | 3.0  | 7.6              | 193 | 0456  | 1   | \$2.10  |
|               | 4.0  | 8.5              | 217 | 0460  | 1   | \$2.40  |
|               | 5.0  | 9.6              | 243 | 0464  | 1   | \$3.22  |
|               | 6    | 10.4             | 263 | 0468  | 1   | \$4.13  |
|               | 8    | 11.1             | 281 | 0472  | 1   | \$5.53  |
|               | 10   | 11.9             | 303 | 0476  | 1   | \$8.39  |

|                   |      | SINGLE PACKAGING |       |      |         |         |
|-------------------|------|------------------|-------|------|---------|---------|
|                   |      | PACKAGED         |       |      |         |         |
| Sizes             | INCH | MM               | PART# | QTY  | LIST EA |         |
| <b>Extra Long</b> |      |                  |       |      |         |         |
|                   | 1.5  | 12.0             | 305   | 3650 | 1       | \$6.93  |
|                   | 2.0  | 12.0             | 305   | 3652 | 1       | \$6.93  |
|                   | 2.5  | 12.0             | 305   | 3654 | 1       | \$6.99  |
|                   | 3.0  | 12.0             | 305   | 3656 | 1       | \$7.11  |
|                   | 4.0  | 12.0             | 305   | 3660 | 1       | \$7.47  |
|                   | 5.0  | 12.0             | 305   | 3664 | 1       | \$7.85  |
|                   | 6    | 12.0             | 305   | 3668 | 1       | \$7.85  |
|                   | 8    | 12.0             | 305   | 3672 | 1       | \$8.91  |
|                   | 10   | 12.0             | 305   | 3676 | 1       | \$10.80 |

**Ball End Power Bits****- ProGuard™ Finish -**

- Fits all 1/4" drive bit holders
- Ball End inserts into a screw at a 25° angle
- Ball End saves time by quickly funneling tool into screw
- Superior Ball End strength and working angle
- Works in hard to reach places

ProGuard™ finish  
delivers superior  
corrosion protection



| Sets   | PART# | MODEL# | LENGTH | PCS | CONTENTS  | QTY | LIST    |
|--------|-------|--------|--------|-----|---|-----|---------|
| Inch   | 10836 | BHX12  | 3"     | 12  | 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8, 1/2" | 1   | \$37.98 |
| Metric | 10899 | BHX9M  | 3"     | 9   | 2, 2.5, 3, 4, 5, 6, 8, 10, 12mm                                     | 1   | \$32.65 |

| Singles | SINGLE PACKAGING |      |    | PACKAGED |     |         |
|---------|------------------|------|----|----------|-----|---------|
|         | SIZE             | INCH | MM | PART#    | QTY | LIST EA |
| Inch    | 5/64             | 3.0  | 76 | 10804    | 10  | \$2.13  |
|         | 3/32             | 3.0  | 76 | 10805    | 10  | \$2.13  |
|         | 7/64             | 3.0  | 76 | 10806    | 10  | \$2.13  |
|         | 1/8              | 3.0  | 76 | 10807    | 10  | \$2.13  |
|         | 9/64             | 3.0  | 76 | 10808    | 10  | \$2.13  |
|         | 5/32             | 3.0  | 76 | 10809    | 10  | \$2.13  |
|         | 3/16             | 3.0  | 76 | 10810    | 10  | \$2.13  |
|         | 7/32             | 3.0  | 76 | 10811    | 10  | \$2.13  |
|         | 1/4              | 3.0  | 76 | 10812    | 10  | \$2.13  |
|         | 5/16             | 3.0  | 76 | 10813    | 1   | \$5.96  |
|         | 3/8              | 3.0  | 76 | 10814    | 1   | \$6.39  |
|         | 1/2              | 3.0  | 76 | 10816    | 1   | \$7.51  |
| Metric  | 2.0              | 3.0  | 76 | 10852    | 10  | \$2.13  |
|         | 2.5              | 3.0  | 76 | 10854    | 10  | \$2.13  |
|         | 3.0              | 3.0  | 76 | 10856    | 10  | \$2.13  |
|         | 4.0              | 3.0  | 76 | 10860    | 10  | \$2.13  |
|         | 5.0              | 3.0  | 76 | 10864    | 10  | \$2.13  |
|         | 6                | 3.0  | 76 | 10868    | 10  | \$2.13  |
|         | 8                | 3.0  | 76 | 10872    | 1   | \$5.96  |
|         | 10               | 3.0  | 76 | 10876    | 1   | \$6.52  |
|         | 12               | 3.0  | 76 | 10880    | 1   | \$7.30  |

**Hex End Power Bits**

- Chamfered tool tips eliminate burrs and help tools seat in screw head
- Sharp corners transfer more torque to the screw and reduce stripping
- Precision machined for ease of use and superior fit

| Singles | SINGLE PACKAGING |      |    | PACKAGED |     |         |
|---------|------------------|------|----|----------|-----|---------|
|         | SIZE             | INCH | MM | PART#    | QTY | LIST EA |
| Inch    | 7/64             | 3.0  | 76 | 10306    | 10  | \$2.13  |
|         | 1/8              | 3.0  | 76 | 10307    | 10  | \$2.13  |
|         | 9/64             | 3.0  | 76 | 10308    | 10  | \$2.13  |
|         | 5/32             | 3.0  | 76 | 10309    | 10  | \$2.13  |
|         | 3/16             | 3.0  | 76 | 10310    | 10  | \$2.13  |
|         | 7/32             | 3.0  | 76 | 10311    | 10  | \$2.13  |
|         | 1/4              | 3.0  | 76 | 10312    | 10  | \$2.13  |
|         | 5/16             | 3.0  | 76 | 10313    | 1   | \$5.96  |
|         | 3/8              | 3.0  | 76 | 10314    | 1   | \$6.39  |
| Metric  | 2.5              | 3.0  | 76 | 10354    | 10  | \$2.13  |
|         | 3.0              | 3.0  | 76 | 10356    | 10  | \$2.13  |
|         | 4.0              | 3.0  | 76 | 10360    | 10  | \$2.13  |
|         | 5.0              | 3.0  | 76 | 10364    | 10  | \$2.13  |
|         | 6                | 3.0  | 76 | 10368    | 10  | \$2.13  |
|         | 8                | 3.0  | 76 | 10372    | 1   | \$5.96  |
|         | 10               | 3.0  | 76 | 10376    | 1   | \$6.52  |

**NEW ProHold® Hex End Power Bits**

- Holds screw tight on the tool EVERY TIME
- Button is non-magnetic
- Super smooth rotational action, with no interference from the ProHold® button
- Tool strength is not compromised by the ProHold® button



| Singles | SIZE | INCH | MM | PART# | QTY | LIST EA |
|---------|------|------|----|-------|-----|---------|
| Inch    | 7/64 | 3.0  | 76 | 71306 | 1   | \$6.54  |
|         | 1/8  | 3.0  | 76 | 71307 | 1   | \$6.54  |
|         | 9/64 | 3.0  | 76 | 71308 | 1   | \$6.54  |
|         | 5/32 | 3.0  | 76 | 71309 | 1   | \$6.54  |
|         | 3/16 | 3.0  | 76 | 71310 | 1   | \$6.54  |
|         | 7/32 | 3.0  | 76 | 71311 | 1   | \$6.54  |
|         | 1/4  | 3.0  | 76 | 71312 | 1   | \$6.54  |
|         | 5/16 | 3.0  | 76 | 71313 | 1   | \$8.06  |
|         | 3/8  | 3.0  | 76 | 71314 | 1   | \$10.16 |
| Metric  | 2.5  | 3.0  | 76 | 71354 | 1   | \$6.54  |
|         | 3.0  | 3.0  | 76 | 71356 | 1   | \$6.54  |
|         | 4.0  | 3.0  | 76 | 71360 | 1   | \$6.54  |
|         | 5.0  | 3.0  | 76 | 71364 | 1   | \$6.54  |
|         | 6    | 3.0  | 76 | 71368 | 1   | \$6.54  |
|         | 8    | 3.0  | 76 | 71372 | 1   | \$8.06  |
|         | 10   | 3.0  | 76 | 71376 | 1   | \$10.29 |

**ProHold® TORX® Power Bits**

- Fits all TORX® and Star screws
- Holds screw tight on the tool EVERY TIME
- Button is non-magnetic
- Super smooth rotational action, with no interference from the ProHold® button
- Tool strength is not compromised by the ProHold® button
- Broad contact surface provides deep lobe engagement



| Singles | SIZE | INCH | MM  | PART# | QTY | LIST EA |
|---------|------|------|-----|-------|-----|---------|
| TORX®   | T15  | 6.0  | 152 | 71615 | 1   | \$8.07  |
|         | T20  | 6.0  | 152 | 71620 | 1   | \$8.07  |
|         | T25  | 6.0  | 152 | 71625 | 1   | \$8.07  |
|         | T27  | 6.0  | 152 | 71627 | 1   | \$8.07  |
|         | T30  | 6.0  | 152 | 71630 | 1   | \$8.07  |
|         | T40  | 6.0  | 152 | 71640 | 1   | \$8.07  |

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Made in the U.S.A.



All Bondhus® tools are made with Protanium® High Torque Steel.

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**Ball End Insert Bits****- ProGuard™ Finish -**

- Ball End inserts into a screw at a 25° angle
- Ball End saves time by quickly funneling tool into screw
- Superior Ball End strength and working angle
- Works in hard to reach places

ProGuard™ finish  
delivers superior  
corrosion protection



Ball End Tips

| Sets   | PART# | MODEL# | LENGTH                           | PCS | CONTENTS  | QTY | LIST    |
|--------|-------|--------|----------------------------------|-----|---|-----|---------|
| Inch   | 11036 | BIX12  | 1" (5-64-1/4"), 1.5" (5/16-1/2") | 12  | 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8, 1/2" | 1   | \$31.88 |
| Metric | 11099 | BIX9M  | 1" (2.0-6mm), 1.5" (8-10mm)      | 9   | 2, 2.5, 3, 4, 5, 6, 8, 10, 12mm                                     | 1   | \$28.05 |

## SINGLE PACKAGING



PACKAGED

## SINGLE PACKAGING



PACKAGED

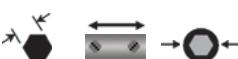
| Singles | SIZE | INCH | MM | PART# | QTY | LIST EA |
|---------|------|------|----|-------|-----|---------|
| Inch    | 5/64 | 1.0  | 25 | 11004 | 10  | \$1.50  |
|         | 3/32 | 1.0  | 25 | 11005 | 10  | \$1.50  |
|         | 7/64 | 1.0  | 25 | 11006 | 10  | \$1.50  |
|         | 1/8  | 1.0  | 25 | 11007 | 10  | \$1.50  |
|         | 9/64 | 1.0  | 25 | 11008 | 10  | \$1.50  |
|         | 5/32 | 1.0  | 25 | 11009 | 10  | \$1.50  |
|         | 3/16 | 1.0  | 25 | 11010 | 10  | \$1.50  |
|         | 7/32 | 1.0  | 25 | 11011 | 10  | \$1.50  |
|         | 1/4  | 1.0  | 25 | 11012 | 10  | \$1.50  |
|         | 5/16 | 1.5  | 38 | 11013 | 1   | \$5.61  |
|         | 3/8  | 1.5  | 38 | 11014 | 1   | \$5.85  |
|         | 1/2  | 1.5  | 38 | 11016 | 1   | \$6.62  |

| Singles | SIZE | INCH | MM | PART# | QTY | LIST EA |
|---------|------|------|----|-------|-----|---------|
| Metric  | 2.0  | 1.0  | 25 | 11052 | 10  | \$1.50  |
|         | 2.5  | 1.0  | 25 | 11054 | 10  | \$1.50  |
|         | 3.0  | 1.0  | 25 | 11056 | 10  | \$1.50  |
|         | 4.0  | 1.0  | 25 | 11060 | 10  | \$1.50  |
|         | 5.0  | 1.0  | 25 | 11064 | 10  | \$1.50  |
|         | 6    | 1.0  | 25 | 11068 | 10  | \$1.50  |
|         | 8    | 1.5  | 38 | 11072 | 1   | \$5.61  |
|         | 10   | 1.5  | 38 | 11076 | 1   | \$6.08  |
|         | 12   | 1.5  | 38 | 11080 | 1   | \$6.52  |

**Hextenders**

- Extend tool reach
- Allows blades to be coupled with Hex or TORX® tools
- Extra length can be achieved using multiple Hextender/Blade combinations
- ProGuard™ finish delivers superior corrosion protection

## SINGLE PACKAGING



PACKAGED

| Singles | SIZE | INCH | MM | DIA  | PART# | QTY | LIST EA |
|---------|------|------|----|------|-------|-----|---------|
| Inch    | .050 | 0.50 | 13 | 0.25 | 22302 | 1   | \$14.43 |
|         | 1/16 | 0.50 | 13 | 0.25 | 22303 | 1   | \$14.43 |
|         | 5/64 | 0.50 | 13 | 0.25 | 22304 | 1   | \$14.43 |
|         | 3/32 | 0.50 | 13 | 0.25 | 22305 | 1   | \$14.43 |
|         | 7/64 | 0.50 | 13 | 0.25 | 22306 | 1   | \$14.43 |
|         | 1/8  | 0.50 | 13 | 0.31 | 22307 | 1   | \$14.43 |
|         | 9/64 | 0.50 | 13 | 0.31 | 22308 | 1   | \$14.43 |
|         | 5/32 | 0.75 | 19 | 0.37 | 22309 | 1   | \$14.43 |
|         | 3/16 | 0.75 | 19 | 0.37 | 22310 | 1   | \$14.43 |
|         | 7/32 | 0.75 | 19 | 0.50 | 22311 | 1   | \$14.43 |
|         | 1/4  | 0.75 | 19 | 0.50 | 22312 | 1   | \$14.43 |
|         | 5/16 | 1.0  | 25 | 0.75 | 22313 | 1   | \$14.43 |
|         | 3/8  | 1.0  | 25 | 0.75 | 22314 | 1   | \$14.43 |
| Metric  | 1.5  | 0.50 | 13 | 0.25 | 22350 | 1   | \$14.43 |
|         | 2.0  | 0.50 | 13 | 0.25 | 22352 | 1   | \$14.43 |
|         | 2.5  | 0.50 | 13 | 0.25 | 22354 | 1   | \$14.43 |
|         | 3.0  | 0.50 | 13 | 0.31 | 22356 | 1   | \$14.43 |
|         | 4.0  | 0.75 | 19 | 0.37 | 22360 | 1   | \$14.43 |
|         | 5.0  | 0.75 | 19 | 0.37 | 22364 | 1   | \$14.43 |
|         | 6    | 0.75 | 19 | 0.50 | 22368 | 1   | \$14.43 |
|         | 8    | 1.0  | 25 | 0.75 | 22372 | 1   | \$14.43 |
|         | 10   | 1.0  | 25 | 0.75 | 22376 | 1   | \$14.43 |



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# Price List 2015



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NO DROP SHIP FEES**

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Buy what you want, when you want it! As a Bondhus® distributor, you are never forced to stock our products in your inventory – minimizing your overhead costs.

- **NO HASSLE RETURNS**

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SERVICE DEPARTMENT**

Bondhus' in-house Customer Service staff is made up of highly-trained professionals with an average of 16 years experience in the hex tool industry. Always willing to answer your questions or address any ordering / shipping issues, they can be reached weekdays, 7 am to 5 pm CST, at 800-328-8310 or via email at [cservice@bondhus.com](mailto:cservice@bondhus.com)

# 65

**65 years of Felo!**

Our customers and employees are proud of this anniversary. In 1950 Felo Werkzeugfabrik was founded in Neustadt (Hessen), Germany. Driven by innovative power, quality consciousness and enthusiasm the company grew from humble beginnings with 2 employees into one of the leading manufacturers of screwdrivers and bits.

Today 200 people work for Felo.



# 2000

**stocked items are at the daily disposal of our customers.**

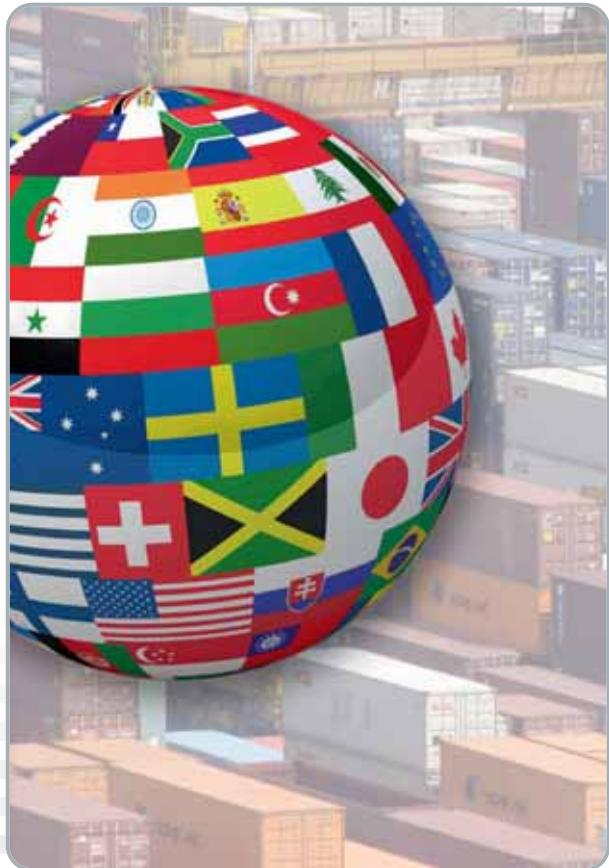
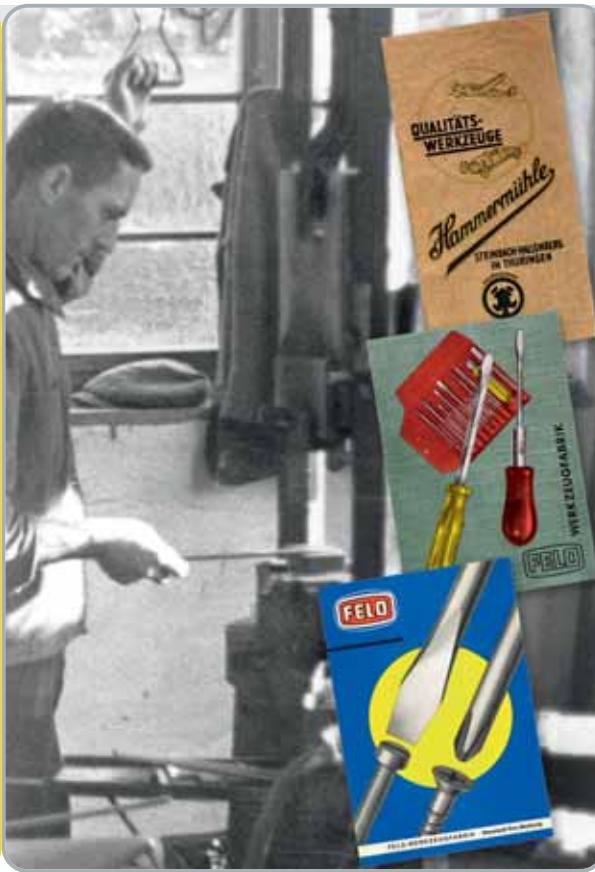
On top of this we manufacture the same number of products in customized versions, as special tools and under private brand.



# 137

**years of experience in the development, production and marketing of screwdrivers.**

In 1878 the »Hammermühle« factory for tools was founded. The assortment included forged screwdrivers as well as chisels, hammers and pliers. The foundation of Felo in 1950 was based on this company.



# 40

**Felo tools are exported to 40 countries:**

we are a global player and specialist, offering a wide variety of products for the most different markets and requirements. Felo is traditionally strong in exports: almost 100 years ago we began using catalogues in 4 languages. Since then Felo has become a byword for quality.



# 260

**applications for industrial  
property rights document our  
innovative power!**

Progressive ideas like 2-component handles, Titanium-coated bits and screwdrivers with exchangeable blades for electricians originated from Felo developments. Our curiosity and creativity have made us a leader in product and production.

# 1

**mission:**

We want to inspire our customers!  
This doesn't just show in our products  
but also in our flexibility, service,  
reliability and cost-efficiency.

Test for yourself our strengths!





|   |  |              |       |              |    |       |    |       |                 |         |
|---|--|--------------|-------|--------------|----|-------|----|-------|-----------------|---------|
| <b>for slotted screws</b>                 |  | 64-66, 69-71 | 73    | 75-81        | 83 | 85-87 | 88 | 91-93 | 95, 97-102      | 105-107 |
| <b>PH Phillips</b>                        |  | 64-66, 69-71 | 73    | 75-81        | 83 | 85-87 | 88 | 91-93 | 95, 97-102      | 105-107 |
| <b>PZ Pozidriv-Superdriv</b>              |  | 64, 64, 71   |       | 75, 77, 81   |    |       |    |       | 95, 97, 99, 102 | 105-107 |
| <b>+ / -<br/>Plus -<br/>Minus</b>         |  |              |       |              |    |       |    |       | 97              | 107     |
| <b>Torx® Torx</b>                         |  | 67, 69, 71   |       | 76-77, 80-81 |    |       |    | 92-93 | 98, 102         | 105-107 |
| <b>Torx TR<br/>Torx® Tamper Resistant</b> |  | 67           |       | 76, 81       |    |       |    |       |                 |         |
| <b>Torx Plus®</b>                         |  |              |       |              |    |       |    |       |                 | 105-107 |
| <b>Inner Hexagon</b>                      |  |              |       |              |    |       |    |       |                 | 107     |
| <b>Nut Drivers</b>                        |  |              |       |              |    |       |    |       |                 |         |
| <b>SQ Square for Robertson® screws</b>    |  | 67, 69-70    |       |              |    |       |    |       | 102             |         |
| <b>XZN XZN</b>                            |  |              |       |              |    |       |    |       |                 |         |
| <b>Clutch</b>                             |  |              |       |              |    |       |    |       |                 |         |
| <b>Spanner</b>                            |  |              |       |              |    |       |    |       |                 |         |
| <b>TS for TorqSet® screws</b>             |  |              |       |              |    |       |    |       |                 |         |
| <b>Tri-Wing®</b>                          |  |              |       |              |    |       |    |       |                 |         |
| <b>Bitholder</b>                          |  | 1/4"         | 68-69 |              | 78 |       |    |       | 100, 102        | 105-107 |

|   |   |   |   |   |  |  |   |
|---|---|---|---|---|--|--|---|
|  |  |  |  |  |   |  |    |
| <b>Series 240/<br/>250 ESD &amp;<br/>280</b><br>Pg. 108-<br>113                   | <b>T-Handles</b><br>Pg. 115   | <b>R-GO,<br/>&amp; XS</b><br>Pg. 116-<br>123                                      | <b>Felo smart</b><br>Pg. 124-<br>128  | <b>VDE<br/>E-smart/<br/>Insulated</b><br>Pg. 129-<br>131                          | <b>Impact<br/>Torsion<br/>Challenger<br/>TiN<br/>Industrial</b><br>Pg. 132-<br>147 | <b>BitSets</b><br>Pg. 148-<br>155  | <b>Bitholders<br/>&amp; Adapters</b><br>Pg. 155 -<br>157                              |
| 109, 111-113  |   | 117, 119, 121-<br>122   | 125-128   | 130-131   | 136-139, 141,<br>143-144, 146  | 149-153  |    |
| 109, 111-113  |   | 117, 119, 121-<br>122   | 125-128   | 130-131   | 133, 135-139,<br>142-145, 147  | 149-152, 154   |    |
| 112   |   | 119, 122  | 125-126, 128  | 130-131   | 135, 139, 142  | 152  |    |
|   |   |   |   |   | 143  |  |    |
| 110-112   | 115   | 117, 119, 122   | 125-126   | 130-131   | 133, 135, 137-<br>138, 140, 142,<br>144-147  | 149-154  |   |
|   |   | 122   | 128   |   | 140  | 155  |  |
|   |   |   |   |   | 141-142  |  |  |
| 110-112   |   | 119, 122  | 125-126, 128  |   |  | 155  |  |
| 110   |   | 117-118, 121  | 127   |   | 143  | 153  |  |
|   |   | 117, 119, 121   | 128   | 130-131   | 140, 144   | 150  |  |
|   |   |   | 128   |   | 141  | 155  |  |
|   |   | 119   |   |   |  | 155  |  |
|   |   |   |   |   | 141  | 155  |  |
|   |   |   |   |   |  | 155  |  |
|   | 113   | 117, 119, 121-<br>122   |   |   |  | 149-152,<br>154-155  | 1/4"  |
|   |   |   |   |   |  | 155-157  |   |



Ergonic, the first handle that adapts to the users hand!



smooth, seamless handle for maximum comfort

hand and handle interlock, causing less strain

Fits all!

## Serie 400 ERGONIC® (pat.)

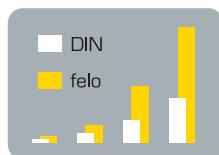
U.S. Patent No 7,877,843

stronger, adaptable, truly ergonomic

hexagon bolsters available on series 410

blades manufactured from chrome-molybdenum-vanadium steel

superior torque which exceeds DIN and ISO requirements by up to 100%



GS tested for safety



[www.tuv.com](http://www.tuv.com)  
ID: 0000039668

screw symbols on handle cap



full length, impact proof handle core



black tip for precision fit

made in Germany



There are numerous ergonomic handle designs:  
It is always the user's hand that has to adjust to the handle.  
**ERGONIC** is the only handle adjusting to the individual hand!

The new standard in ergonomics,  
torque transmission and responsiveness!

**ERGONIC**®

The impact proof handle core is  
coated with elastic, scratch  
resistant elastomer containing  
cells of highly flexible plastics.



The handle fits perfectly into the hand at all times.  
Hand and handle interlock, causing less strain and  
work fatigue, allowing higher maximum torque!  
Responsiveness of material results in enhanced  
sensitivity and perfect control of torque.

**felo** INNOVATIONS



410



looking for  
innovations?



|              |    |      |      |       |    | 410        | \$           | g   | EAN-Code | Item No        |
|--------------|----|------|------|-------|----|------------|--------------|-----|----------|----------------|
|              |    |      |      |       |    |            |              |     |          |                |
| <b>5/32"</b> | 3" | 3.7" | 1.2" | 0.16" | 12 | 410 042 40 | <b>9.13</b>  | 60  | 40 07157 | <b>53121</b> 6 |
| <b>7/32"</b> | 4" | 3.9" | 1.3" | 0.20" | 12 | 410 553 40 | <b>10.15</b> | 74  | 40 07157 | <b>52785</b> 1 |
| <b>1/4"</b>  | 5" | 4.2" | 1.4" | 0.26" | 12 | 410 654 40 | <b>12.83</b> | 100 | 40 07157 | <b>52787</b> 5 |
| <b>5/16"</b> | 6" | 4.4" | 1.5" | 0.31" | 12 | 410 085 40 | <b>17.15</b> | 162 | 40 07157 | <b>52789</b> 9 |
| <b>3/8"</b>  | 7" | 4.4" | 1.5" | 0.31" | 6  | 410 105 40 | <b>19.71</b> | 219 | 40 07157 | <b>53125</b> 4 |
| <b>1/2"</b>  | 8" | 4.4" | 1.5" | 0.39" | 6  | 410 127 40 | <b>22.15</b> | 253 | 40 07157 | <b>53127</b> 8 |

411



looking for  
innovations?



|          |        |      |      |       |    | 411        | \$           | g   | EAN-Code | Item No        |
|----------|--------|------|------|-------|----|------------|--------------|-----|----------|----------------|
|          |        |      |      |       |    |            |              |     |          |                |
| <b>1</b> | 3 1/8" | 3.7" | 1.2" | 0.20" | 12 | 411 102 40 | <b>9.78</b>  | 60  | 40 07157 | <b>52791</b> 0 |
| <b>2</b> | 4"     | 4.2" | 1.4" | 0.26" | 12 | 411 203 40 | <b>12.64</b> | 108 | 40 07157 | <b>52793</b> 4 |
| <b>3</b> | 6"     | 4.4" | 1.5" | 0.31" | 6  | 411 305 40 | <b>16.81</b> | 172 | 40 07157 | <b>53129</b> 5 |

412



looking for  
innovations?



|          |        |      |      |       |    | 412        | \$           | g   | EAN-Code | Item No        |
|----------|--------|------|------|-------|----|------------|--------------|-----|----------|----------------|
|          |        |      |      |       |    |            |              |     |          |                |
| <b>1</b> | 3 1/8" | 3.7" | 1.2" | 0.20" | 12 | 412 102 40 | <b>10.23</b> | 56  | 40 07157 | <b>52795</b> 0 |
| <b>2</b> | 4"     | 4.2" | 1.4" | 0.26" | 12 | 412 203 40 | <b>13.21</b> | 92  | 40 07157 | <b>52797</b> 4 |
| <b>3</b> | 6"     | 4.4" | 1.5" | 0.31" | 6  | 412 305 40 | <b>17.57</b> | 162 | 40 07157 | <b>53131</b> 5 |

**410****410 | 412**

\$



EAN-Code Item No

**Set 6 pcs.**

410 961 48

**58.83**

526

40 07157 **53167 4**(4 x ) **400 - 410:** 1/8" x 3 1/8" | 5/32" x 3" | 7/32" x 4" | 1/4" x 5"(2 x ) **412:** PH 1 x 3 1/8" | PH 2 x 4"**410 | 412**

\$



EAN-Code Item No

**410****410 | 412**

\$



EAN-Code Item No

**Set 3 pcs.**

410 931 48

**36.78**

313

40 07157 **53173 5**(2 x ) **410:** 7/32" x 4" | 1/4" x 5"**412:** PH 2 x 4"**410****410 | 412**

\$



EAN-Code Item No

**Set 3 pcs.**

410 932 48

**34.16**

283

40 07157 **57521 5****410:** 7/32" x 4"(2 x ) **412:** PH 1 x 3 1/8" | PH 2 x 4"



400



|               |        |           |      |       |    | 400        | \$           | g   | EAN-Code | Item No        |
|---------------|--------|-----------|------|-------|----|------------|--------------|-----|----------|----------------|
|               | ●      | ↔ ↔ ↔ ↔ ↔ | ∅    | 📦     |    |            |              |     |          |                |
| <b>3/32"</b>  | 3"     | 3.4       | 1"   | 2,5   | 12 | 400 022 10 | <b>5.40</b>  | 27  | 40 07157 | <b>53679</b> 2 |
| <b>1/8"</b>   | 3 1/8" | 3.4       | 1"   | 0.12" | 12 | 400 032 10 | <b>5.71</b>  | 30  | 40 07157 | <b>53117</b> 9 |
| <b>9/64"</b>  | 4"     | 3.4       | 1"   | 0.14" | 12 | 400 353 10 | <b>6.11</b>  | 33  | 40 07157 | <b>53119</b> 3 |
| <b>5/32"</b>  | 4"     | 3.7       | 1.2" | 0.16" | 12 | 400 043 10 | <b>7.97</b>  | 49  | 40 07157 | <b>53611</b> 2 |
| <b>3/16"</b>  | 6"     | 3.9       | 1.3" | 0.20" | 12 | 400 055 10 | <b>9.39</b>  | 75  | 40 07157 | <b>53619</b> 8 |
| <b>7/32"</b>  | 5"     | 3.9       | 1.3" | 0.20" | 12 | 400 554 10 | <b>9.25</b>  | 72  | 40 07157 | <b>53621</b> 1 |
| <b>7/32"</b>  | 6"     | 3.9       | 1.3" | 0.20" | 12 | 400 555 10 | <b>11.65</b> | 82  | 40 07157 | <b>53623</b> 5 |
| <b>15/64"</b> | 6"     | 4.2       | 1.4" | 0.24" | 12 | 400 065 10 | <b>13.19</b> | 99  | 40 07157 | <b>57591</b> 3 |
| <b>15/64"</b> | 8"     | 4.2       | 1.4" | 0.24" | 12 | 400 067 10 | <b>15.38</b> | 112 | 40 07157 | <b>57593</b> 7 |
| <b>1/4"</b>   | 4"     | 4.2       | 1.4" | 0.24" | 12 | 400 653 10 | <b>12.74</b> | 79  | 40 07157 | <b>53627</b> 3 |
| <b>1/4"</b>   | 6"     | 4.2       | 1.4" | 0.24" | 12 | 400 655 10 | <b>11.65</b> | 102 | 40 07157 | <b>52799</b> 8 |
| <b>1/4"</b>   | 8"     | 4.2       | 1.4" | 0.24" | 12 | 400 657 10 | <b>15.11</b> | 112 | 40 07157 | <b>53629</b> 7 |
| <b>5/16"</b>  | 7"     | 4.4       | 1.5" | 0.31" | 12 | 400 086 10 | <b>15.80</b> | 135 | 40 07157 | <b>52801</b> 8 |
| <b>3/8"</b>   | 8"     | 4.4       | 1.5" | 0.31" | 6  | 400 107 10 | <b>19.05</b> | 162 | 40 07157 | <b>53681</b> 5 |

401



|          |        |           |      |       |    | 401        | \$           | g   | EAN-Code | Item No        |
|----------|--------|-----------|------|-------|----|------------|--------------|-----|----------|----------------|
|          | ⊕      | ↔ ↔ ↔ ↔ ↔ | ∅    | 📦     |    |            |              |     |          |                |
| <b>1</b> | 3 1/8" | 3.7       | 1.2" | 0.18" | 12 | 401 102 10 | <b>8.82</b>  | 50  | 40 07157 | <b>53683</b> 9 |
| <b>2</b> | 4"     | 4.2       | 1.4" | 0.24" | 12 | 401 203 10 | <b>11.37</b> | 92  | 40 07157 | <b>53685</b> 3 |
| <b>3</b> | 6"     | 4.4       | 1.5" | 0.31" | 6  | 401 305 10 | <b>17.06</b> | 148 | 40 07157 | <b>53687</b> 7 |

402



|          |        |           |      |       |    | 402        | \$           | g   | EAN-Code | Item No        |
|----------|--------|-----------|------|-------|----|------------|--------------|-----|----------|----------------|
|          | ★      | ↔ ↔ ↔ ↔ ↔ | ∅    | 📦     |    |            |              |     |          |                |
| <b>1</b> | 3 1/8" | 3.7       | 1.2" | 0.18" | 12 | 402 102 10 | <b>8.82</b>  | 50  | 40 07157 | <b>52803</b> 2 |
| <b>2</b> | 4"     | 4.2       | 1.4" | 0.24" | 12 | 402 203 10 | <b>11.37</b> | 92  | 40 07157 | <b>52805</b> 6 |
| <b>2</b> | 6"     | 4.2       | 1.4" | 0.24" | 12 | 402 205 10 | <b>12.31</b> | 103 | 40 07157 | <b>53637</b> 2 |
| <b>2</b> | 8"     | 4.2       | 1.4" | 0.24" | 6  | 402 207 10 | <b>15.35</b> | 114 | 40 07157 | <b>53639</b> 6 |
| <b>3</b> | 6"     | 4.4       | 1.5" | 0.31" | 6  | 402 305 10 | <b>17.06</b> | 146 | 40 07157 | <b>53689</b> 1 |

**404**

| SQ       | ↔  | ↔    | ↔    | ∅     | ✉  |
|----------|----|------|------|-------|----|
| <b>1</b> | 5" | 3.7" | 1.2" | 0.18" | 12 |
| <b>2</b> | 6" | 4.2" | 1.4" | 0.20" | 12 |
| <b>3</b> | 6" | 4.2" | 1.4" | 0.24" | 12 |

**404**EAN-Code **Item No**

|              |     |                         |
|--------------|-----|-------------------------|
| <b>11.62</b> | 56  | 40 07157 <b>53507</b> 8 |
| <b>12.17</b> | 91  | 40 07157 <b>53509</b> 2 |
| <b>12.17</b> | 105 | 40 07157 <b>53511</b> 5 |

**407**

| TorxTR    | ↔  | ↔    | ↔    | ∅     | ✉  |
|-----------|----|------|------|-------|----|
| <b>10</b> | 4" | 3.4" | 1"   | 0.14" | 12 |
| <b>15</b> | 4" | 3.7" | 1.2" | 0.16" | 12 |
| <b>20</b> | 4" | 3.9" | 1.3" | 0.16" | 12 |
| <b>25</b> | 4" | 4.2" | 1.4" | 0.20" | 12 |

**407**

EAN-Code

|              |    |                         |
|--------------|----|-------------------------|
| <b>13.19</b> | 33 | 40 07157 <b>60903</b> 8 |
| <b>13.19</b> | 50 | 40 07157 <b>60905</b> 2 |
| <b>14.36</b> | 68 | 40 07157 <b>60907</b> 6 |
| <b>14.36</b> | 82 | 40 07157 <b>60909</b> 0 |

**408**

| Torx      | ↔      | ↔    | ↔    | ∅     | ✉  |
|-----------|--------|------|------|-------|----|
| <b>7</b>  | 2 3/8" | 3.4" | 1"   | 0.12" | 12 |
| <b>8</b>  | 2 3/8" | 3.4" | 1"   | 0.12" | 12 |
| <b>9</b>  | 2 3/8" | 3.4" | 1"   | 0.14" | 12 |
| <b>10</b> | 4"     | 3.4" | 1"   | 0.14" | 12 |
| <b>15</b> | 4"     | 3.7" | 1.2" | 0.16" | 12 |
| <b>20</b> | 4"     | 3.9" | 1.3" | 0.20" | 12 |
| <b>25</b> | 4"     | 4.2" | 1.4" | 0.20" | 12 |
| <b>27</b> | 4"     | 4.2" | 1.4" | 0.20" | 12 |
| <b>30</b> | 4 1/2" | 4.4" | 1.5" | 0.24" | 6  |
| <b>40</b> | 5"     | 4.4" | 1.5" | 0.31" | 6  |

**408**EAN-Code **Item No**

|              |     |                         |
|--------------|-----|-------------------------|
| <b>8.46</b>  | 27  | 40 07157 <b>52807</b> 0 |
| <b>8.46</b>  | 29  | 40 07157 <b>52809</b> 4 |
| <b>8.46</b>  | 29  | 40 07157 <b>52811</b> 7 |
| <b>9.48</b>  | 45  | 40 07157 <b>52813</b> 1 |
| <b>9.48</b>  | 45  | 40 07157 <b>52815</b> 5 |
| <b>10.64</b> | 69  | 40 07157 <b>52817</b> 9 |
| <b>10.64</b> | 69  | 40 07157 <b>52819</b> 3 |
| <b>10.64</b> | 69  | 40 07157 <b>52821</b> 6 |
| <b>13.21</b> | 96  | 40 07157 <b>52823</b> 0 |
| <b>13.99</b> | 143 | 40 07157 <b>52825</b> 4 |

**429**

1/4"      6 3/4"      4.2"      1.4"      Ø      6

**429**

\$

429 635 40

**27.31**

146

EAN-Code Item No  
40 07157 **60365 4****438**

1/4"

1/4"      4"      3.9"      1.3"      Ø      6

**438**

\$

438 125 40

**17.79**

102

EAN-Code Item No  
40 07157 **53711 9****497**

1/4"

4"      3.9"      1.3"      Ø      6

**497**

\$

497 110 40

**14.67**

107

EAN-Code  
40 07157 **61479 7****68**

**Stubby**

| Stubby        | •  | •    | •    | ∅ | Box | 400 402    | \$          | Cup | EAN-Code                |
|---------------|----|------|------|---|-----|------------|-------------|-----|-------------------------|
| <b>Stubby</b> |    |      |      |   |     |            |             |     |                         |
| <b>7/32"</b>  | 1" | 2.4" | 0.8" |   | 12  | 400 550 10 | <b>9.55</b> | 36  | 40 07157 <b>61509</b> 1 |

|             |    |      |      |  |    |            |             |    |                         |
|-------------|----|------|------|--|----|------------|-------------|----|-------------------------|
| <b>PH 2</b> | 1" | 2.4" | 0.8" |  | 12 | 402 020 10 | <b>9.78</b> | 38 | 40 07157 <b>61511</b> 4 |
|-------------|----|------|------|--|----|------------|-------------|----|-------------------------|

**Stubby**

| Stubby Bitholder 1/4" | •    | •    | •    | ∅ | Box | 438        | \$           | Cup | EAN-Code Item No        |
|-----------------------|------|------|------|---|-----|------------|--------------|-----|-------------------------|
| <b>1/4"</b>           | 0.7" | 2.4" | 0.8" |   | 12  | 438 026 40 | <b>13.63</b> | 48  | 40 07157 <b>61727</b> 9 |

**497**

| Bottle Opener | •   | •    | • | Box | 497        | \$           | Cup | EAN-Code Item No        |
|---------------|-----|------|---|-----|------------|--------------|-----|-------------------------|
|               | 3.7 | 1.2" |   | 12  | 497 200 00 | <b>13.97</b> | 59  | 40 07157 <b>62405</b> 5 |

**400**

| Ergonic XXL-Rack SQ 17-pcs  | 400        | \$            | Cup  | EAN-Code | Item No        |
|---|------------|---------------|------|----------|----------------|
| (5 x ) <b>400:</b> 1/8" x 3 1/8"   5/32" x 4"   7/32" x 5"   1/4" x 5"   5/16" x 7" | 400 927 43 | <b>136.11</b> | 2337 | 40 07157 | <b>61391</b> 2 |
| (2 x ) <b>404:</b> SQ1 x 5"   SQ2 x 6"  |            |               |      |          |                |
| (2 x ) <b>402:</b> PH1 x 3 1/8"   PH2 x 4"  |            |               |      |          |                |
| (2 x ) <b>413:</b> 9/64" x 4"   5/32" x 4"  |            |               |      |          |                |
| (2 x ) <b>414:</b> PH1 x 3 1/8"   PH2 x 4"  |            |               |      |          |                |
| (4 x ) <b>408:</b> Torx 10 x 4"   Torx 15 x 4"   Torx 20 x 4"   Torx 25 x 4"        |            |               |      |          |                |

Steel Rack



400



400

**Set 5-pcs**

400 951 18

\$ 47.57

492

EAN-Code Item No  
40 07157 53693 8

- [3 x ] **400:** 5/32" x 4" | 7/32" x 5" | 1/4" x 5"  
 [2 x ] **402:** PH1 x 3 1/8" | PH2 x 4"

400



400

**Set 3-pcs**

400 931 18

\$ 30.87

312

EAN-Code Item No  
40 07157 53701 0

- [2 x ] **400:** 7/32" x 5" | 1/4" x 5"  
**402:** PH2 x 4"

404



404

**Set 3 pcs. SQ**

404 931 48

\$ 33.74

90

EAN-Code Item No  
40 07157 53517 7

- [3 x ] **404:** SQ 1 | SQ 2 | SQ 3

**408****408**EAN-Code **Item No****Set 6 pcs. Torx**

408 961 48

**53.21**

402

40 07157 **53165** 0

- (6 x ) **408:** Torx 8 | Torx 9 | Torx 10 | Torx 15 |  
Torx 20 | Torx 25

**408****408**EAN-Code **Item No****Set 3 pcs. Torx**

408 931 48

**28.00**40 07157 **53171** 1

- (3 x ) **408:** Torx 10 | Torx 15 | Torx 20

**Inox****400****400**EAN-Code **Item No****ERGONIC Inox set 6 pcs.**

400 861 18

**58.48**

600

40 07157 **62755** 1

- (2 x ) **440:** 5/32" x 4" | 1/4 x 6"  
(1 x ) **441:** PZ2 x 4"  
(1 x ) **442:** PH2 x 4"  
(2 x ) **448:** Torx 20 x 4" / Torx 25 x 4"

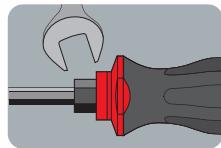


steelcap

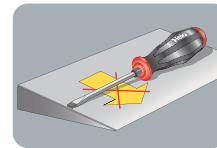
pleasant soft grip material  
for highest torque

GS tested for safety

## The strongest of series 500 Serie 550

steelcap / full length blade  
hexagon bolster / hexagon blade

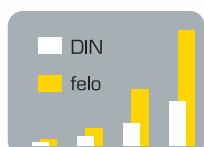
hexagon bolster

anti-roll  
handle design

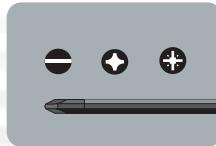
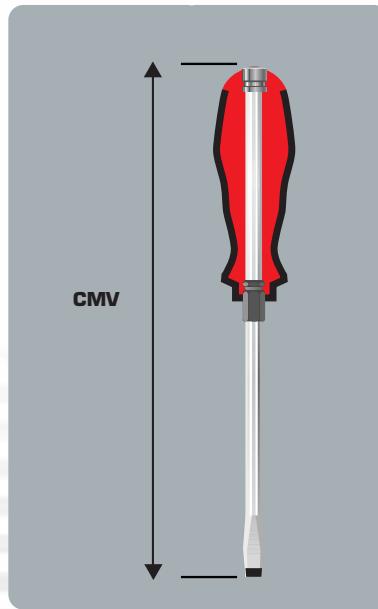
hexagon blades manufactured from  
chrome-molybdenum-vanadium steel



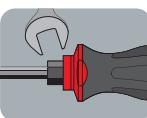
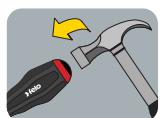
full length blade

EAN code  
on every product

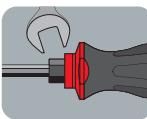
superior torque  
which exceeds DIN  
and ISO requirements  
by up to 100%

black tip  
for precision fit

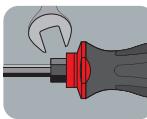
 made in  
Germany

**550**

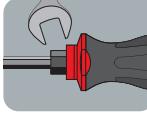
|               |        |      |      |       |    |  | <b>550</b> | <b>\$</b>    |     | EAN-Code | Item No.       |
|---------------|--------|------|------|-------|----|--|------------|--------------|-----|----------|----------------|
| <b>3/16"</b>  | 3 1/2" | 3.5" | 1.1" | 0.20" | 12 |  | 550 045 40 | <b>10.64</b> | 85  | 40 07157 | <b>50699 3</b> |
| <b>7/32"</b>  | 3 1/2" | 3.9" | 1.3" | 0.20" | 12 |  | 550 055 40 | <b>11.76</b> | 108 | 40 07157 | <b>32354 5</b> |
| <b>1/4"</b>   | 5"     | 3.9" | 1.3" | 0.26" | 12 |  | 550 065 40 | <b>13.76</b> | 133 | 40 07157 | <b>32356 9</b> |
| <b>5/16"</b>  | 6"     | 4.1" | 1.2" | 0.31" | 6  |  | 550 080 40 | <b>19.14</b> | 199 | 40 07157 | <b>32358 3</b> |
| <b>23/64"</b> | 6 1/2" | 4.1" | 1.2" | 0.31" | 6  |  | 550 090 40 | <b>18.74</b> | 205 | 40 07157 | <b>50701 3</b> |
| <b>3/8"</b>   | 7"     | 4.1" | 1.2" | 0.31" | 6  |  | 550 100 40 | <b>19.78</b> | 210 | 40 07157 | <b>32360 6</b> |
| <b>1/2"</b>   | 8"     | 4.1" | 1.2" | 0.39" | 6  |  | 550 120 40 | <b>24.35</b> | 293 | 40 07157 | <b>32362 0</b> |

**552**

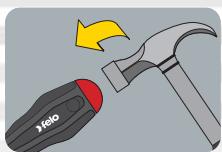
|          |        |      |      |       |    |  | <b>552</b> | <b>\$</b>    |     | EAN-Code | Item No.       |
|----------|--------|------|------|-------|----|--|------------|--------------|-----|----------|----------------|
| <b>1</b> | 3 1/2" | 3.5" | 1.1" | 0.20" | 12 |  | 552 102 40 | <b>10.85</b> | 95  | 40 07157 | <b>50703 7</b> |
| <b>2</b> | 4"     | 3.9" | 1.3" | 0.26" | 12 |  | 552 203 40 | <b>13.13</b> | 127 | 40 07157 | <b>32368 2</b> |
| <b>3</b> | 6"     | 4.1" | 1.2" | 0.31" | 6  |  | 552 305 40 | <b>17.29</b> | 198 | 40 07157 | <b>32370 5</b> |

**550**

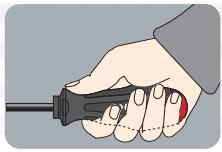
|                     |   |  |  |  |  |  | <b>550   552</b> | <b>\$</b>    |     | EAN-Code | Item No.       |
|---------------------|---|--|--|--|--|--|------------------|--------------|-----|----------|----------------|
| <b>Set 5 pcs.</b>   |   |  |  |  |  |  | 550 952 48       | <b>69.23</b> | 886 | 40 07157 | <b>50707 5</b> |
| (3 x 1) <b>550:</b> | 3/16" x 3 1/2"   7/32" x 4"   1/4" x 5" |  |  |  |  |  |                  |              |     |          |                |
| (2 x 1) <b>552:</b> | PH 1 x 3 1/2"   PH 2 x 4"               |  |  |  |  |  |                  |              |     |          |                |

**550****550 | 552**

|                     |                            |  |  |  |  |  | <b>550   552</b> | <b>\$</b>    |     | EAN-Code | Item No.       |
|---------------------|----------------------------|--|--|--|--|--|------------------|--------------|-----|----------|----------------|
| <b>Set 3 pcs.</b>   |                            |  |  |  |  |  | 550 931 34       | <b>35.42</b> | 363 | 40 07157 | <b>53523 8</b> |
| (2 x 1) <b>550:</b> | 3/16" x 3 1/2"   1/4" x 5" |  |  |  |  |  |                  |              |     |          |                |
| <b>552:</b>         | PH 2 x 4"                  |  |  |  |  |  |                  |              |     |          |                |



full length, impact proof handle core

pleasant soft grip material  
for highest torquesmooth,  
seamless handle for  
maximum comfort

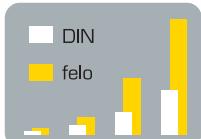
GS tested for safety

## The Original Serie 500

The leaders in  
handle-design / blade quality  
2-component-technology

blades manufactured from  
chrome-molybdenum-  
vanadium steel

ergonomically refined design

superior torque which  
exceeds DIN and ISO  
requirements by  
up to 100%hanging hole for easy  
storage or inserting lever

EAN code on every product

black tip for precision fit

made in  
Germany

500



|                      |        |      |      |       |    |  | Ø          |              | 500        | \$          |                | EAN-Code | Item No        |
|----------------------|--------|------|------|-------|----|--|------------|--------------|------------|-------------|----------------|----------|----------------|
|                      |        |      |      |       |    |  |            |              | 500 022 10 | <b>4.16</b> | 26             | 40 07157 | <b>22091</b> 2 |
| <b>3/32"</b>         | 3"     | 3.2" | 1"   | 0.10" | 12 |  | 500 032 10 | <b>4.55</b>  | 28         | 40 07157    | <b>22092</b> 9 |          |                |
| <b>1/8"</b>          | 3 1/8" | 3.2" | 1"   | 0.12" | 12 |  | 500 353 10 | <b>4.94</b>  | 32         | 40 07157    | <b>22093</b> 6 |          |                |
| <b>9/64"</b>         | 4"     | 3.2" | 1"   | 0.14" | 12 |  | 500 043 10 | <b>6.00</b>  | 45         | 40 07157    | <b>22094</b> 3 |          |                |
| <b>5/32"</b>         | 4"     | 3.5" | 1.1" | 0.16" | 12 |  | 500 047 10 | <b>7.52</b>  | 58         | 40 07157    | <b>50693</b> 1 |          |                |
| <b>5/32"</b>         | 8"     | 3.5" | 1.1" | 0.16" | 12 |  | 500 049 10 | <b>9.42</b>  | 58         | 40 07157    | <b>51379</b> 3 |          |                |
| <b>3/16"</b>         | 6"     | 3.9" | 1.3" | 0.20" | 12 |  | 500 505 10 | <b>9.42</b>  | 76         | 40 07157    | <b>50572</b> 9 |          |                |
| <b>7/32"</b>         | 5"     | 3.9" | 1.3" | 0.20" | 12 |  | 500 554 10 | <b>9.16</b>  | 71         | 40 07157    | <b>22095</b> 0 |          |                |
| <b>7/32"</b>         | 6"     | 3.9" | 1.3" | 0.20" | 12 |  | 500 556 10 | <b>10.14</b> | 77         | 40 07157    | <b>51811</b> 8 |          |                |
| <b>7/32"</b>         | 12"    | 3.9" | 1.3" | 0.20" | 12 |  | 500 559 10 | <b>13.37</b> | 95         | 40 07157    | <b>50695</b> 5 |          |                |
| <b>1/4"</b>          | 4"     | 3.9" | 1.3" | 0.24" | 12 |  | 500 656 10 | <b>11.53</b> | 77         | 40 07157    | <b>51841</b> 5 |          |                |
| <b>1/4"</b>          | 6"     | 3.9" | 1.3" | 0.24" | 12 |  | 500 655 10 | <b>10.47</b> | 89         | 40 07157    | <b>22096</b> 7 |          |                |
| <b>1/4"</b>          | 8"     | 3.9" | 1.3" | 0.24" | 12 |  | 500 657 10 | <b>11.36</b> | 115        | 40 07157    | <b>51843</b> 9 |          |                |
| <b>5/16" x 0.05"</b> | 7"     | 4.1" | 1.5" | 0.28" | 12 |  | 500 086 10 | <b>12.73</b> | 129        | 40 07157    | <b>22097</b> 4 |          |                |
| <b>5/16" x 0.05"</b> | 12"    | 4.1" | 1.5" | 0.31" | 6  |  | 500 088 10 | <b>16.87</b> | 180        | 40 07157    | <b>51809</b> 5 |          |                |
| <b>5/16" x 0.06"</b> | 7"     | 4.1" | 1.5" | 0.31" | 6  |  | 500 096 10 | <b>13.12</b> | 150        | 40 07157    | <b>22098</b> 1 |          |                |
| <b>3/8"</b>          | 8"     | 4.1" | 1.5" | 0.31" | 6  |  | 500 107 10 | <b>14.89</b> | 170        | 40 07157    | <b>50697</b> 9 |          |                |

501



| PZ       |        |      |      |       |    | 501        | \$           |     | EAN-Code | Item No        |
|----------|--------|------|------|-------|----|------------|--------------|-----|----------|----------------|
| <b>1</b> | 3 1/8" | 3.5" | 1.1" | 0.18" | 12 | 501 102 10 | <b>8.18</b>  | 51  | 40 07157 | <b>22101</b> 8 |
| <b>2</b> | 4"     | 3.9" | 1.3" | 0.24" | 12 | 501 203 10 | <b>10.57</b> | 79  | 40 07157 | <b>22102</b> 5 |
| <b>3</b> | 6"     | 4.1" | 1.5" | 0.31" | 6  | 501 305 10 | <b>14.82</b> | 138 | 40 07157 | <b>31330</b> 0 |

502



| PH       |        |      |      |       |    |  | 502        | \$           |     | EAN-Code | Item No        |
|----------|--------|------|------|-------|----|--|------------|--------------|-----|----------|----------------|
| <b>0</b> | 2 3/8" | 3.2" | 1"   | 0.12" | 12 |  | 502 001 10 | <b>5.80</b>  | 26  | 40 07157 | <b>22106</b> 3 |
| <b>1</b> | 3 1/8" | 3.5" | 1.1" | 0.18" | 12 |  | 502 102 10 | <b>7.28</b>  | 51  | 40 07157 | <b>22107</b> 0 |
| <b>1</b> | 8"     | 3.5" | 1.1" | 0.18" | 12 |  | 502 107 10 | <b>8.94</b>  | 70  | 40 07157 | <b>22111</b> 7 |
| <b>2</b> | 4"     | 3.9" | 1.3" | 0.24" | 12 |  | 502 203 10 | <b>10.06</b> | 79  | 40 07157 | <b>22108</b> 7 |
| <b>2</b> | 6"     | 3.9" | 1.3" | 0.24" | 12 |  | 502 205 10 | <b>11.28</b> | 85  | 40 07157 | <b>51845</b> 3 |
| <b>2</b> | 8"     | 3.9" | 1.3" | 0.24" | 6  |  | 502 207 10 | <b>11.49</b> | 99  | 40 07157 | <b>22112</b> 4 |
| <b>2</b> | 12"    | 3.9" | 1.3" | 0.24" | 6  |  | 502 209 10 | <b>14.48</b> | 99  | 40 07157 | <b>51381</b> 6 |
| <b>3</b> | 6"     | 4.1" | 1.5" | 0.31" | 6  |  | 502 305 10 | <b>13.79</b> | 138 | 40 07157 | <b>31331</b> 7 |



## Stubby



|  | •     | ↔  | ↔    | ∅    | ✉     | 500   502 | \$         | g    | EAN-Code | Item No          |
|--|-------|----|------|------|-------|-----------|------------|------|----------|------------------|
|  | 7/32" | 1" | 2.2" | 1.4" | 0.20" | 12        | 500 550 10 | 6.57 | 35       | 40 07157 22099 8 |
|  | PH 1  | 1" | 2.2" | 1.4" | 0.18" | 12        | 502 010 10 | 6.99 | 35       | 40 07157 22109 4 |
|  | PH 2  | 1" | 2.2" | 1.4" | 0.24" | 12        | 502 020 10 | 6.81 | 38       | 40 07157 22110 0 |

## 507



|  | Torx TR | ↔      | ↔    | ↔    | ∅     | ✉  | 507        | \$    | g   | EAN-Code         | Item No |
|--|---------|--------|------|------|-------|----|------------|-------|-----|------------------|---------|
|  | 10      | 4"     | 3.2" | 1"   | 0.14" | 12 | 507 103 40 | 7.92  | 46  | 40 07157 32234 0 |         |
|  | 15      | 4"     | 3.5" | 1.1" | 0.16" | 12 | 507 153 40 | 7.92  | 48  | 40 07157 32236 4 |         |
|  | 20      | 4"     | 3.9" | 1.3" | 0.16" | 12 | 507 203 40 | 10.10 | 69  | 40 07157 32238 8 |         |
|  | 25      | 4"     | 3.9" | 1.3" | 0.20" | 12 | 507 253 40 | 10.10 | 69  | 40 07157 32240 1 |         |
|  | 27      | 4"     | 3.9" | 1.3" | 0.20" | 12 | 507 273 40 | 10.10 | 69  | 40 07157 32242 5 |         |
|  | 30      | 4 1/2" | 4.1" | 1.5" | 0.24" | 6  | 507 303 40 | 13.63 | 97  | 40 07157 32244 9 |         |
|  | 40      | 5"     | 4.1" | 1.5" | 0.31" | 6  | 507 404 40 | 14.17 | 129 | 40 07157 32246 3 |         |

## 508



|  | Torx | ↔      | ↔    | ↔    | ∅     | ✉  | 508        | \$   | g   | EAN-Code         | Item No |
|--|------|--------|------|------|-------|----|------------|------|-----|------------------|---------|
|  | 5    | 2 3/8" | 2.7" | 0.8" | 0.12" | 12 | 508 051 40 | 5.84 | 27  | 40 07157 22188 9 |         |
|  | 6    | 2 3/8" | 2.7" | 0.8" | 0.12" | 12 | 508 061 40 | 4.80 | 27  | 40 07157 22154 4 |         |
|  | 7    | 2 3/8" | 3.2" | 1"   | 0.12" | 12 | 508 071 40 | 4.63 | 27  | 40 07157 22156 8 |         |
|  | 8    | 2 3/8" | 3.2" | 1"   | 0.12" | 12 | 508 083 40 | 4.63 | 29  | 40 07157 22157 5 |         |
|  | 9    | 2 3/8" | 3.2" | 1"   | 0.14" | 12 | 508 093 40 | 4.87 | 29  | 40 07157 22158 2 |         |
|  | 10   | 4"     | 3.2" | 1"   | 0.14" | 12 | 508 103 40 | 5.29 | 45  | 40 07157 22159 9 |         |
|  | 15   | 4"     | 3.5" | 1.1" | 0.16" | 12 | 508 153 40 | 5.29 | 45  | 40 07157 22160 5 |         |
|  | 20   | 4"     | 3.9" | 1.3" | 0.20" | 12 | 508 203 40 | 5.91 | 69  | 40 07157 22161 2 |         |
|  | 25   | 4"     | 3.9" | 1.3" | 0.20" | 12 | 508 253 40 | 6.20 | 69  | 40 07157 22162 9 |         |
|  | 27   | 4"     | 3.9" | 1.3" | 0.20" | 12 | 508 273 40 | 7.25 | 69  | 40 07157 22163 6 |         |
|  | 30   | 4 1/2" | 4.1" | 1.5" | 0.24" | 6  | 508 303 40 | 8.46 | 96  | 40 07157 22164 3 |         |
|  | 40   | 5"     | 4.1" | 1.5" | 0.31" | 6  | 508 404 40 | 9.68 | 143 | 40 07157 22165 0 |         |
|  | 45   | 5"     | 4.1" | 1.5" | 0.31" | 6  | 508 454 40 | 9.68 | 143 | 40 07157 22166 7 |         |

**500**

|              | ●      | ↔    | ↔    | ↔     | ↔ | ∅ | ✉ | 500        | \$           | ✉  | EAN-Code                |
|--------------|--------|------|------|-------|---|---|---|------------|--------------|----|-------------------------|
|              |        |      |      |       |   |   |   | 500        | <b>19.94</b> | 38 | 40 07157 <b>51681</b> 7 |
| <b>1/8"</b>  | 3 1/8" | 3.2" | 1"   | 0.12" | 6 |   |   | 500 032 30 | <b>23.87</b> | 49 | 40 07157 <b>51981</b> 8 |
| <b>9/64"</b> | 4"     | 3.2" | 1"   | 0.14" | 6 |   |   | 500 353 30 | <b>20.32</b> | 42 | 40 07157 <b>51683</b> 1 |
| <b>9/64"</b> | 10"    | 3.2" | 1"   | 0.14" | 6 |   |   | 500 358 30 | <b>24.57</b> | 60 | 40 07157 <b>51983</b> 2 |
| <b>5/32"</b> | 4"     | 3.5" | 1.1" | 0.16" | 6 |   |   | 500 043 30 | <b>21.04</b> | 55 | 40 07157 <b>51685</b> 5 |
| <b>5/32"</b> | 8"     | 3.5" | 1.1" | 0.16" | 6 |   |   | 500 047 30 | <b>22.51</b> | 60 | 40 07157 <b>51757</b> 9 |

**501**

|          | ⊕      | ↔    | ↔    | ↔     | ↔ | ∅ | ✉ | 501        | \$           | ✉   | EAN-Code                |
|----------|--------|------|------|-------|---|---|---|------------|--------------|-----|-------------------------|
|          |        |      |      |       |   |   |   | 501        | <b>22.57</b> | 61  | 40 07157 <b>51677</b> 0 |
| <b>1</b> | 3 1/8" | 3.5" | 1.1" | 0.18" | 6 |   |   | 501 102 30 | <b>24.71</b> | 89  | 40 07157 <b>51679</b> 4 |
| <b>2</b> | 4"     | 3.9" | 1.3" | 0.24" | 6 |   |   | 501 203 30 | <b>25.97</b> | 105 | 40 07157 <b>51759</b> 3 |

**502**

|          | ⊕      | ↔    | ↔    | ↔     | ↔ | ∅ | ✉ | 502        | \$           | ✉   | EAN-Code                |
|----------|--------|------|------|-------|---|---|---|------------|--------------|-----|-------------------------|
|          |        |      |      |       |   |   |   | 502        | <b>22.26</b> | 61  | 40 07157 <b>51673</b> 2 |
| <b>1</b> | 3 1/8" | 3.5" | 1.1" | 0.18" | 6 |   |   | 502 102 30 | <b>27.71</b> | 80  | 40 07157 <b>51985</b> 6 |
| <b>2</b> | 4"     | 3.9" | 1.3" | 0.24" | 6 |   |   | 502 203 30 | <b>24.22</b> | 89  | 40 07157 <b>51675</b> 6 |
| <b>2</b> | 8"     | 3.9" | 1.3" | 0.24" | 6 |   |   | 502 207 30 | <b>25.61</b> | 105 | 40 07157 <b>51761</b> 6 |

**508**

|           | ⊕  | ↔    | ↔    | ↔     | ↔ | ∅ | ✉ | 508        | \$           | ✉  | EAN-Code                |
|-----------|----|------|------|-------|---|---|---|------------|--------------|----|-------------------------|
|           |    |      |      |       |   |   |   | 508        | <b>22.64</b> | 55 | 40 07157 <b>51665</b> 7 |
| <b>10</b> | 4" | 3.2" | 1"   | 0.14" | 6 |   |   | 508 103 30 | <b>22.64</b> | 55 | 40 07157 <b>51667</b> 1 |
| <b>15</b> | 4" | 3.5" | 1.1" | 0.16" | 6 |   |   | 508 153 30 | <b>23.36</b> | 79 | 40 07157 <b>51669</b> 5 |
| <b>20</b> | 4" | 3.9" | 1.3" | 0.20" | 6 |   |   | 508 203 30 | <b>23.36</b> | 79 | 40 07157 <b>51671</b> 8 |
| <b>25</b> | 4" | 3.9" | 1.3" | 0.20" | 6 |   |   | 508 253 30 | <b>23.36</b> | 79 | 40 07157 <b>51671</b> 8 |

**520****520****\$**EAN-Code **Item No**

**5/32"**      6"      3.5"      1.1"      0.16"      6

520 045 10

**20.79**

66

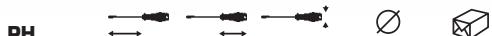
40 07157 **50072** 4

**7/32"**      6"      3.9"      1.3"      0.22"      6

520 055 10

**22.70**

92

40 07157 **50074** 8**522****522****\$**EAN-Code **Item No**

**1**      6"      3.5"      1.1"      0.16"      6

522 105 10

**24.19**

67

40 07157 **50076** 2

**2**      6"      3.9"      1.3"      0.22"      6

522 205 10

**26.20**

91

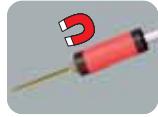
40 07157 **50078** 6**538****538****\$**EAN-Code **Item No**

**1/4"**      4"      3.9"      1.3"      6

538 100 40

**26.82**

123

40 07157 **51397** 7**538****538****\$**EAN-Code **Item No**

**1/4"**      4"      3.9"      1.3"      6

538 125 40

**14.89**

103

40 07157 **32348** 4

**500****500 | 502**

\$



EAN-Code

500 961 17

**45.50**

549

40 07157 **50174 5****Set 6 pcs.**(4 x ) **500:** 9/64" x 4" | 5/32" x 4" | 7/32" x 5" | 1/4" x 6"(2 x ) **502:** PH 1 x 3 1/8" | PH 2 x 4"**500****500 | 502**

\$



EAN-Code

500 961 18

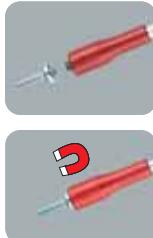
**45.45**

556

40 07157 **53521 4****Set 6 pcs.**(4 x ) **500:** 9/64" x 4" | 5/32" x 4" | 7/32" x 5" | 1/4" x 6"(2 x ) **502:** PH 1 x 3 1/8" | PH 2 x 4"



500



500 | 502 | 508    \$       EAN-Code

500 971 37    152.08    625    40 07157 51699 2



**M-TEC Set 7 pcs.**

- [3 x] **500:** 1/8" x 3 1/8" | 9/64" x 4" | 5/32" x 4"
- [2 x] **502:** PH 1 x 3 1/8" | PH 2 x 4"
- [2 x] **508:** Torx 10 x 4" | Torx 15 x 4"



80

**508**

**507 | 508** \$ EAN-Code Item No

|  |                   |            |              |     |                         |
|--|-------------------|------------|--------------|-----|-------------------------|
|  | <b>Set 7 pcs.</b> | 507 971 48 | <b>72.95</b> | 600 | 40 07157 <b>50200 1</b> |
|--|-------------------|------------|--------------|-----|-------------------------|

(7 x ) **507:** Torx TR 10 | Torx TR 15 | Torx TR 20 | Torx TR 25  
Torx TR 27 | Torx TR 30 | Torx TR 40

|  |                   |            |              |     |                         |
|--|-------------------|------------|--------------|-----|-------------------------|
|  | <b>Set 7 pcs.</b> | 508 973 48 | <b>36.44</b> | 600 | 40 07157 <b>50981 9</b> |
|--|-------------------|------------|--------------|-----|-------------------------|

(7 x ) **508:** Torx 6 | Torx 8 | Torx 9 | Torx 10  
Torx 15 | Torx 20 | Torx 25

|  |                   |            |              |     |                         |
|--|-------------------|------------|--------------|-----|-------------------------|
|  | <b>Set 7 pcs.</b> | 508 972 48 | <b>44.94</b> | 600 | 40 07157 <b>50979 6</b> |
|--|-------------------|------------|--------------|-----|-------------------------|

(7 x ) **508:** Torx 9 | Torx 10 | Torx 15 | Torx 20 |  
Torx 25 | Torx 30 | Torx 40

**500**

**500** \$ EAN-Code Item No

|  |                    |            |              |     |                         |
|--|--------------------|------------|--------------|-----|-------------------------|
|  | <b>Case 11-pcs</b> | 500 111 16 | <b>91.96</b> | 964 | 40 07157 <b>32558 7</b> |
|--|--------------------|------------|--------------|-----|-------------------------|

(4 x ) **500:** 5/32" x 4" | 7/32" x 1" | 7/32" x 5" | 1/4" x 6"

|  |             |           |  |  |  |
|--|-------------|-----------|--|--|--|
|  | <b>501:</b> | PZ 2 x 4" |  |  |  |
|--|-------------|-----------|--|--|--|

(3 x ) **502:** PH 1 x 3 1/8" | PH 2 x 1" | PH 2 x 4"

|  |             |                         |  |  |  |
|--|-------------|-------------------------|--|--|--|
|  | <b>613:</b> | 3/32" x 3"   9/64" x 4" |  |  | <b>AC 1000V</b><br><b>IEC 60900 : 2004</b> |
|--|-------------|-------------------------|--|--|--|

**361:** Mains testing screwdriver VDE 0680. 220-225V

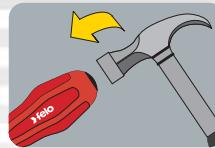


handles manufactured  
from shock-proof  
polypropylene



ergonomically refined  
design

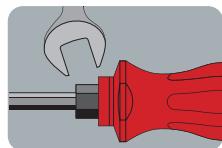
steelcap



## The strongest of series 200 Serie 206

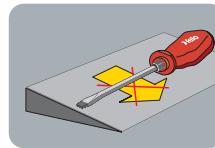
206 8x12x150  
CHROM-MOLYBD-VAN

steelcap / full length blade  
hexagon bolster /hexagon blade



hexagon bolster

anti-roll handle design



hexagon blades manufactured from  
chrome-molybdenum-vanadium steel



full length blade

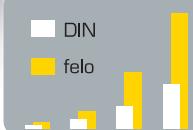


GS tested for safety

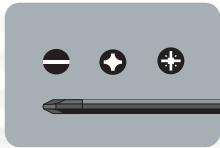


EAN code  
on every product

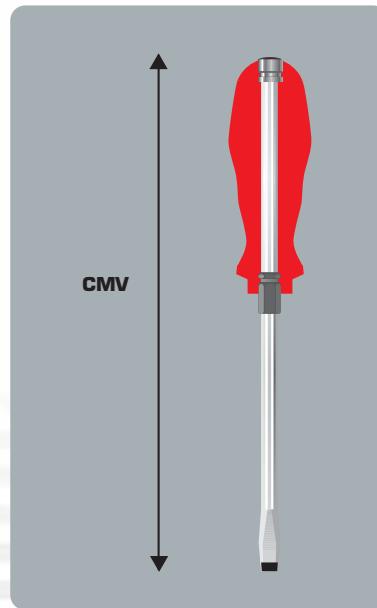
**made in  
Germany**



superior torque  
which exceeds DIN  
and ISO requirements  
by up to 100%



black tip  
for precision fit



**206**

|              |    |      |      |       |    | <b>206</b> | <b>\$</b>  | g            | EAN-Code | Item No                 |
|--------------|----|------|------|-------|----|------------|------------|--------------|----------|-------------------------|
|              |    |      |      |       |    |            |            |              |          |                         |
| <b>7/32"</b> | 4" | 3.9" | 1.3" | 0.20" | 12 |            | 206 055 90 | <b>7.22</b>  | 75       | 40 07157 <b>31690</b> 5 |
| <b>1/4"</b>  | 5" | 3.9" | 1.3" | 0.26" | 12 |            | 206 065 90 | <b>7.99</b>  | 100      | 40 07157 <b>24036</b> 1 |
| <b>5/16"</b> | 6" | 4.1" | 1.2" | 0.31" | 6  |            | 206 080 90 | <b>11.43</b> | 180      | 40 07157 <b>30876</b> 4 |
| <b>3/8"</b>  | 7" | 4.1" | 1.2" | 0.31" | 6  |            | 206 100 90 | <b>13.51</b> | 231      | 40 07157 <b>13166</b> 9 |
| <b>1/2"</b>  | 8" | 4.1" | 1.2" | 0.39" | 6  |            | 206 120 90 | <b>18.20</b> | 310      | 40 07157 <b>31692</b> 9 |

**226**

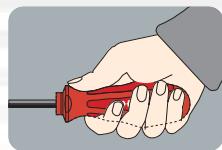
|             |    |      |      |       |    | <b>226</b> | <b>\$</b>  | g            | EAN-Code | Item No                 |
|-------------|----|------|------|-------|----|------------|------------|--------------|----------|-------------------------|
|             |    |      |      |       |    |            |            |              |          |                         |
| <b>PH 2</b> | 4" | 3.9" | 1.3" | 0.26" | 12 |            | 226 203 90 | <b>9.83</b>  | 109      | 40 07157 <b>31698</b> 1 |
| <b>PH 3</b> | 6" | 4.1" | 1.2" | 0.31" | 6  |            | 226 305 90 | <b>14.43</b> | 186      | 40 07157 <b>31700</b> 1 |

**206**

|                    |                                     |  | <b>206   226</b> | <b>\$</b>  | g            | EAN-Code | Item No                 |
|--------------------|-------------------------------------|--|------------------|------------|--------------|----------|-------------------------|
| <b>Set 5 pcs.</b>  |                                     |  |                  | 206 951 98 | <b>49.61</b> | 755      | 40 07157 <b>31720</b> 9 |
| [3 x ] <b>206:</b> | 7/32" x 4"   1/4" x 5"   5/16" x 6" |  |                  |            |              |          |                         |
| [2 x ] <b>226:</b> | PH 2 x 4"   PH 3 x 6"               |  |                  |            |              |          |                         |



handles manufactured from shock-proof polypropylene



ergonomically refined design



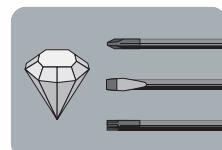
GS tested for safety

Series 290 / 292  
ESD Safe  
 $10^8 - 10^{10}$   $\Omega$



High quality and comprehensive range

## Series 200



blades manufactured from chrome-molybdenum-vanadium steel



superior torque which exceeds DIN and ISO requirements by up to 100%



EAN code on every product



 made in Germany

**200**

|              |  |  |  |        |      |      | <b>200</b> | <b>\$</b> |  | EAN-Code   | Item No      |
|--------------|--|--|--|--------|------|------|------------|-----------|--|------------|--------------|
| <b>3/32"</b> |  |  |  | 3"     | 3.2" | 1"   | 0.10"      | 12        |  | 200 022 90 | <b>3.15</b>  |
| <b>1/8"</b>  |  |  |  | 3 1/8" | 3.2" | 1"   | 0.12"      | 12        |  | 200 032 90 | <b>3.50</b>  |
| <b>9/64"</b> |  |  |  | 4"     | 3.2" | 1"   | 0.14"      | 12        |  | 200 353 90 | <b>4.17</b>  |
| <b>5/32"</b> |  |  |  | 4"     | 3.5" | 1.1" | 0.16"      | 12        |  | 200 043 90 | <b>4.51</b>  |
| <b>3/16"</b> |  |  |  | 5"     | 3.5" | 1.1" | 0.20"      | 12        |  | 200 054 90 | <b>5.20</b>  |
| <b>7/32"</b> |  |  |  | 5"     | 3.9" | 1.3" | 0.20"      | 12        |  | 200 554 90 | <b>6.21</b>  |
| <b>1/4"</b>  |  |  |  | 5"     | 3.9" | 1.3" | 0.24"      | 12        |  | 200 654 90 | <b>6.39</b>  |
| <b>5/16"</b> |  |  |  | 7"     | 4.1" | 1.2" | 0.28"      | 12        |  | 200 086 90 | <b>8.94</b>  |
| <b>3/8"</b>  |  |  |  | 8"     | 4.1" | 1.2" | 0.31"      | 6         |  | 200 107 90 | <b>12.85</b> |

**202**

|          |  |  |  |        |      |      | <b>202</b> | <b>\$</b> |  | EAN-Code   | Item No     |
|----------|--|--|--|--------|------|------|------------|-----------|--|------------|-------------|
| <b>0</b> |  |  |  | 2 3/8" | 3.2" | 1"   | 0.12"      | 12        |  | 202 001 90 | <b>3.92</b> |
| <b>1</b> |  |  |  | 3 1/8" | 3.5" | 1.1" | 0.18"      | 12        |  | 202 102 90 | <b>5.02</b> |
| <b>2</b> |  |  |  | 4"     | 3.9" | 1.3" | 0.24"      | 12        |  | 202 203 90 | <b>7.07</b> |
| <b>3</b> |  |  |  | 6"     | 4.1" | 1.2" | 0.31"      | 6         |  | 202 305 90 | <b>9.87</b> |

**Stubby**

|              |  |  |  |    |      |      | <b>200   202</b> | <b>\$</b> |  | EAN-Code   | Item No     |
|--------------|--|--|--|----|------|------|------------------|-----------|--|------------|-------------|
| <b>7/32"</b> |  |  |  | 1" | 2.3" | 1.3" | 0.20"            | 12        |  | 200 550 90 | <b>4.43</b> |
| <b>1/4"</b>  |  |  |  | 1" | 2.3" | 1.3" | 0.24"            | 12        |  | 200 650 90 | <b>4.69</b> |
| <b>PH 2</b>  |  |  |  | 1" | 2.3" | 1.3" | 0.24"            | 12        |  | 202 020 90 | <b>4.85</b> |

**200****200 | 202****\$**EAN-Code **Item No****Set 5 pcs.**

200 951 98

**30.04**

347

40 07157 **16052 2**(3 x ) **200:** 9/64" x 4" | 5/32" x 4" | 7/32" x 5"(2 x ) **202:** PH 1 x 3 1/8" | PH 2 x 4"**200****200 | 202****\$**EAN-Code **Item No****Set 7 pcs.**

200 972 98

**47.19**

579

40 07157 **16054 6**(5 x ) **200:** 9/64" x 4" | 5/32" x 4" | 7/32" x 5"

1/4" x 6" | 5/16" x 7"

(2 x ) **202:** PH 1 x 3 1/8" | PH 2 x 4"

**290**
**ESD Safe**  
 $10^8 - 10^{10} \Omega$ 


|              |    |      |      |       |   |  | <b>290</b> | <b>\$</b>    |    | EAN-Code | Item No        |
|--------------|----|------|------|-------|---|--|------------|--------------|----|----------|----------------|
|              |    |      |      |       |   |  |            |              |    |          |                |
| <b>9/64"</b> | 4" | 3.2" | 1"   | 0.14" | 6 |  | 290 353 90 | <b>7.99</b>  | 29 | 40 07157 | <b>50282 7</b> |
| <b>5/32"</b> | 4" | 3.5" | 1.1" | 0.16" | 6 |  | 290 043 90 | <b>8.44</b>  | 42 | 40 07157 | <b>50284 1</b> |
| <b>7/32"</b> | 5" | 3.9" | 1.3" | 0.20" | 6 |  | 290 554 90 | <b>11.50</b> | 68 | 40 07157 | <b>50286 5</b> |
| <b>1/4"</b>  | 6" | 3.9" | 1.3" | 0.24" | 6 |  | 290 655 90 | <b>12.61</b> | 80 | 40 07157 | <b>50288 9</b> |

**292**
**ESD Safe**  
 $10^8 - 10^{10} \Omega$ 


|           |        |      |      |       |   |  | <b>292</b> | <b>\$</b>    |     | EAN-Code | Item No        |
|-----------|--------|------|------|-------|---|--|------------|--------------|-----|----------|----------------|
|           |        |      |      |       |   |  |            |              |     |          |                |
| <b>PH</b> |        |      |      |       |   |  |            |              |     |          |                |
| <b>0</b>  | 2 3/8" | 3.2" | 1"   | 0.12" | 6 |  | 292 001 90 | <b>5.84</b>  | 24  | 40 07157 | <b>50290 2</b> |
| <b>1</b>  | 3 1/8" | 3.5" | 1.1" | 0.18" | 6 |  | 292 102 90 | <b>7.99</b>  | 47  | 40 07157 | <b>50292 6</b> |
| <b>2</b>  | 4"     | 3.9" | 1.3" | 0.24" | 6 |  | 292 203 90 | <b>11.29</b> | 74  | 40 07157 | <b>50294 0</b> |
| <b>2</b>  | 8"     | 3.9" | 1.3" | 0.24" | 6 |  | 292 207 90 | <b>13.47</b> | 108 | 40 07157 | <b>51903 0</b> |





**Commitment to fine,  
traditional hand tools**

## Series 330

**made in  
Germany**

**335**



**Set 5 pcs.**

(3 x ) **335:** 7/32" x 3 1/2" | 9/32" x 5" | 23/64" x 6 1/2"  
(2 x ) **337:** PH 1 x 3 1/8" | PH 2 x 3 1/2"



**335 | 337**

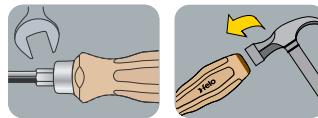
335 951 98

**\$**

**35.54**

**420**

EAN-Code **40 07157 22155 1**



**Series 490****490**

|            |        |        |      |       |    |            |                |  |                                  |
|------------|--------|--------|------|-------|----|------------|----------------|--|----------------------------------|
| <b>Awl</b> | 2 3/8" | 2 3/8" | 1.3" | 0.16" | 12 | <b>490</b> | <b>\$ 4.17</b> |  | EAN-Code <b>40 07157 31078 1</b> |
|------------|--------|--------|------|-------|----|------------|----------------|--|----------------------------------|

**493**

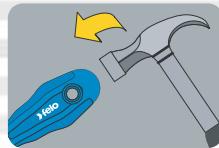
|            |    |        |      |       |    |            |                |  |                                  |
|------------|----|--------|------|-------|----|------------|----------------|--|----------------------------------|
| <b>Awl</b> | 4" | 3 1/8" | 1.3" | 0.24" | 12 | <b>493</b> | <b>\$ 6.12</b> |  | EAN-Code <b>40 07157 23006 5</b> |
|------------|----|--------|------|-------|----|------------|----------------|--|----------------------------------|

**498**

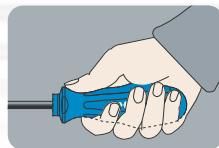
|               |    |        |      |       |    |            |                |  |                                  |
|---------------|----|--------|------|-------|----|------------|----------------|--|----------------------------------|
| <b>Reamer</b> | 4" | 3 1/8" | 1.3" | 0.24" | 12 | <b>498</b> | <b>\$ 6.66</b> |  | EAN-Code <b>40 07157 23013 3</b> |
|---------------|----|--------|------|-------|----|------------|----------------|--|----------------------------------|

**494**

|                   |    |        |      |  |    |            |                |  |                                  |
|-------------------|----|--------|------|--|----|------------|----------------|--|----------------------------------|
| <b>Tacklifter</b> | 4" | 3 1/8" | 1.3" |  | 12 | <b>494</b> | <b>\$ 7.07</b> |  | EAN-Code <b>40 07157 24022 4</b> |
|-------------------|----|--------|------|--|----|------------|----------------|--|----------------------------------|



handles manufactured from shock-proof  
polypropylene



ergonomically refined  
design



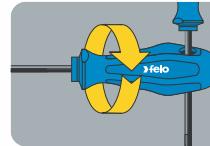
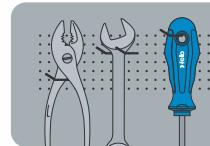
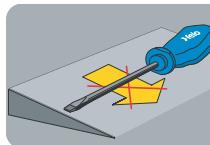
GS tested for safety

## Excellent value for money Serie 800

blades manufactured from  
chrome-vanadium steel

hardened and tempered to exceed  
DIN and ISO specifications

hanging hole for easy  
storage or inserting lever



EAN code on every product



Torx blades are phosphated  
for precision fit



**800**Blade: CV-Ni  
Handle: PPC

|               |        |      |      |       |    | 800        | \$          |     | EAN-Code | Item No        |
|---------------|--------|------|------|-------|----|------------|-------------|-----|----------|----------------|
| ●             | ●      | ●    | ●    | ●     | ●  | 800        | 2.39        | 25  | 40 07157 | <b>17000</b> 2 |
| 1/8"          | 3 1/8" | 3.2" | 1"   | 0.12" | 12 | 800 032 90 | <b>2.77</b> | 29  | 40 07157 | <b>17011</b> 8 |
| 9/64"         | 4"     | 3.2" | 1"   | 0.14" | 12 | 800 353 90 | <b>3.03</b> | 42  | 40 07157 | <b>17002</b> 6 |
| 5/32"         | 4"     | 3.5" | 1.1" | 0.16" | 12 | 800 043 90 | <b>4.42</b> | 71  | 40 07157 | <b>28010</b> 7 |
| 3/16"         | 6"     | 3.9" | 1.3" | 0.20" | 12 | 800 505 90 | <b>4.09</b> | 64  | 40 07157 | <b>28012</b> 1 |
| 7/32"         | 3 1/2" | 3.9" | 1.3" | 0.20" | 12 | 800 553 90 | <b>4.36</b> | 68  | 40 07157 | <b>17013</b> 2 |
| 1/4"          | 4"     | 3.9" | 1.3" | 0.24" | 12 | 800 653 90 | <b>4.69</b> | 74  | 40 07157 | <b>28013</b> 8 |
| 1/4"          | 6"     | 3.9" | 1.3" | 0.24" | 12 | 800 655 90 | <b>4.95</b> | 85  | 40 07157 | <b>17015</b> 6 |
| 5/16"         | 6"     | 4.1" | 1.5" | 0.28" | 12 | 800 705 90 | <b>5.88</b> | 114 | 40 07157 | <b>17017</b> 0 |
| 5/16" x 0.06" | 7"     | 4.1" | 1.5" | 0.31" | 12 | 800 096 90 | <b>7.20</b> | 143 | 40 07157 | <b>17004</b> 0 |

**805**Blade: CV-Ni  
Handle: PPC

|       |    |      |      |       |    | 805        | \$           |     | EAN-Code | Item No        |
|-------|----|------|------|-------|----|------------|--------------|-----|----------|----------------|
| ●     | ●  | ●    | ●    | ●     | ●  | 805 805 90 | <b>6.15</b>  | 141 | 40 07157 | <b>28017</b> 6 |
| 5/16" | 6" | 4.1" | 1.2" | 0.31" | 12 | 805 100 90 | <b>11.58</b> | 192 | 40 07157 | <b>30768</b> 2 |
| 3/8"  | 7" | 4.1" | 1.2" | 0.31" | 12 | 805 120 90 | <b>12.74</b> | 227 | 40 07157 | <b>50274</b> 2 |



802

Blade: CV-Ni  
Handle: PPC

| PH       | ↔      | ↔    | ↔    | ∅     |    |
|----------|--------|------|------|-------|----|
| <b>0</b> | 2 3/8" | 3.2" | 1"   | 0.12" | 12 |
| <b>1</b> | 3 1/8" | 3.5" | 1.1" | 0.18" | 12 |
| <b>2</b> | 4"     | 3.9" | 1.3" | 0.24" | 12 |
| <b>3</b> | 6"     | 4.1" | 1.5" | 0.31" | 6  |

| 802        | \$          | g   | EAN-Code | Item No        |
|------------|-------------|-----|----------|----------------|
| 802 001 90 | <b>2.67</b> | 24  | 40 07157 | <b>17055</b> 2 |
| 802 102 90 | <b>3.72</b> | 47  | 40 07157 | <b>17026</b> 2 |
| 802 203 90 | <b>4.69</b> | 74  | 40 07157 | <b>17028</b> 6 |
| 802 305 90 | <b>6.83</b> | 135 | 40 07157 | <b>17056</b> 9 |

Stubby

Blade: CV-Ni  
Handle: PPC

|              | ↔  | ↔    | ↔    | ∅     |    |
|--------------|----|------|------|-------|----|
| <b>7/32"</b> | 1" | 2.2" | 1.4" | 0.20" | 12 |
| <b>PH 2</b>  | 1" | 2.2" | 1.4" | 0.24" | 12 |

| 800        | \$          | g  | EAN-Code | Item No        |
|------------|-------------|----|----------|----------------|
| 800 550 90 | <b>3.03</b> | 30 | 40 07157 | <b>28011</b> 4 |
| 802 020 90 | <b>3.29</b> | 33 | 40 07157 | <b>17057</b> 6 |

808

Blade: CMV-BC  
Handle: PPC

| Torx      | ↔      | ↔    | ↔    | ∅     |    |
|-----------|--------|------|------|-------|----|
| <b>6</b>  | 2 3/8" | 3.2" | 1"   | 0.12" | 12 |
| <b>7</b>  | 2 3/8" | 3.2" | 1"   | 0.12" | 12 |
| <b>8</b>  | 2 3/8" | 3.2" | 1"   | 0.12" | 12 |
| <b>10</b> | 4"     | 3.5" | 1.1" | 0.14" | 12 |
| <b>15</b> | 4"     | 3.5" | 1.1" | 0.16" | 12 |
| <b>20</b> | 4"     | 3.9" | 1.3" | 0.20" | 12 |
| <b>25</b> | 4"     | 3.9" | 1.3" | 0.20" | 12 |
| <b>27</b> | 4"     | 3.9" | 1.3" | 0.20" | 12 |
| <b>30</b> | 4 1/2" | 4.1" | 1.5" | 0.24" | 6  |

| 808        | \$          | g  | EAN-Code | Item No        |
|------------|-------------|----|----------|----------------|
| 808 061 90 | <b>5.82</b> | 24 | 40 07157 | <b>17046</b> 0 |
| 808 071 90 | <b>5.82</b> | 24 | 40 07157 | <b>17047</b> 7 |
| 808 083 90 | <b>5.82</b> | 25 | 40 07157 | <b>17048</b> 4 |
| 808 103 90 | <b>5.88</b> | 40 | 40 07157 | <b>17049</b> 1 |
| 808 153 90 | <b>5.88</b> | 42 | 40 07157 | <b>17050</b> 7 |
| 808 203 90 | <b>6.30</b> | 65 | 40 07157 | <b>17051</b> 4 |
| 808 253 90 | <b>6.30</b> | 65 | 40 07157 | <b>17052</b> 1 |
| 808 273 90 | <b>6.30</b> | 65 | 40 07157 | <b>17053</b> 8 |
| 808 303 90 | <b>6.67</b> | 88 | 40 07157 | <b>17054</b> 5 |

92

**800****Set 5 pcs.****800 | 802****\$**EAN-Code **Item No**800 951 98 **19.94** 348 40 07157 **28005 3**

(3 x ) **800:** 9/64" x 4" | 5/32" x 4" | 7/32" x 5"  
 (2 x ) **802:** PH 1 x 3 1/8" | PH 2 x 4"

**800****Set 7 pcs.****800 | 802****\$**EAN-Code **Item No**800 972 98 **30.48** 592 40 07157 **28009 1**

(5 x ) **800:** 9/64" x 4" | 5/32" x 4" | 7/32" x 5" | 1/4" x 6"  
**805:** 5/16" x 6"      Blade  
 (2 x ) **802:** PH 1 x 3 1/8" | PH 2 x 4"

**Set 7 pcs. Torx**

15

808 970 18

**42.78**EAN-Code **Item No**(7 x ) **808:** Torx 8 | Torx 10 | Torx 15 | Torx 20 | Torx 25 | Torx 27 | Torx 30



Ergonic, the first handle that adapts to the user's hand!



smooth, seamless handle for maximum comfort

hand and handle interlock, causing less strain

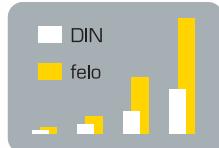
**VDE**  
Serie 400 **ERGONIC® (pat.)**  
U.S. Patent No 7,877,843

stronger  
adaptable  
truly ergonomic

AC 1000V  
IEC 60900 : 2012



blades manufactured from chrome-molybdenum-vanadium steel



superior torque which exceeds DIN and ISO requirements by up to 100%

GS tested for safety



EAN code on every product



black tip for precision fit

hanging hole for easy storage or inserting lever

anti-roll handle design

screw symbols on handle cap



full length, impact proof handle core



**made in Germany**

**413**AC 1000V  
IEC 60900 : 2012

|                       |    |      |      |       | 413 | \$         |              | EAN-Code | Item No                 |
|-----------------------|----|------|------|-------|-----|------------|--------------|----------|-------------------------|
|                       |    |      |      |       | Ø   |            |              |          |                         |
| <b>3/32"</b>          | 3" | 3.4" | 1"   | 0.10" | 12  | 413 025 90 | <b>7.29</b>  | 22       | 40 07157 <b>53133</b> 9 |
| <b>1/8"</b>           | 4" | 3.4" | 1"   | 0.12" | 12  | 413 030 90 | <b>7.29</b>  | 28       | 40 07157 <b>53135</b> 3 |
| <b>9/64" x 0.027"</b> | 4" | 3.4" | 1"   | 0.14" | 12  | 413 035 90 | <b>7.73</b>  | 30       | 40 07157 <b>53139</b> 1 |
| <b>9/64" x 0.031"</b> | 4" | 3.4" | 1"   | 0.14" | 12  | 413 038 90 | <b>9.19</b>  | 34       | 40 07157 <b>61731</b> 6 |
| <b>5/32"</b>          | 4" | 3.7" | 1.2" | 0.14" | 12  | 413 040 90 | <b>9.13</b>  | 44       | 40 07157 <b>53141</b> 4 |
| <b>3/16"</b>          | 5" | 3.9" | 1.3" | 0.18" | 12  | 413 045 90 | <b>10.84</b> | 73       | 40 07157 <b>53143</b> 8 |
| <b>7/32"</b>          | 5" | 3.9" | 1.3" | 0.18" | 12  | 413 055 90 | <b>11.26</b> | 70       | 40 07157 <b>53145</b> 2 |
| <b>1/4"</b>           | 6" | 4.2" | 1.4" | 0.22" | 6   | 413 065 90 | <b>12.53</b> | 86       | 40 07157 <b>53147</b> 6 |
| <b>5/16"</b>          | 7" | 4.4" | 1.5" | 0.28" | 6   | 413 080 90 | <b>15.81</b> | 135      | 40 07157 <b>53149</b> 0 |

**414**AC 1000V  
IEC 60900 : 2012

|           |        |      |      |       | 414 | \$         |              | EAN-Code | Item No                 |
|-----------|--------|------|------|-------|-----|------------|--------------|----------|-------------------------|
|           |        |      |      |       | Ø   |            |              |          |                         |
| <b>PH</b> |        |      |      |       |     |            |              |          |                         |
| <b>0</b>  | 2 3/8" | 3.4" | 1"   | 0.12" | 12  | 414 001 90 | <b>6.92</b>  | 25       | 40 07157 <b>53151</b> 3 |
| <b>1</b>  | 3 1/8" | 3.7" | 1.2" | 0.20" | 12  | 414 102 90 | <b>8.77</b>  | 52       | 40 07157 <b>53153</b> 7 |
| <b>2</b>  | 4"     | 4.2" | 1.4" | 0.24" | 12  | 414 203 90 | <b>11.31</b> | 80       | 40 07157 <b>53155</b> 1 |
| <b>3</b>  | 6"     | 4.4" | 1.5" | 0.31" | 6   | 414 304 90 | <b>17.40</b> | 145      | 40 07157 <b>53157</b> 5 |

**413**AC 1000V  
IEC 60900 : 2012

|                       |            |  |            |  | 413        | \$           |     | EAN-Code                | Item No |
|-----------------------|------------|--|------------|--|------------|--------------|-----|-------------------------|---------|
| <b>Set 3 pcs. VDE</b> |            |  |            |  | 413 931 94 | <b>29.41</b> | 240 | 40 07157 <b>53175</b> 9 |         |
| (2 x ) <b>413:</b>    | 5/32" x 4" |  | 7/32" x 5" |  |            |              |     |                         |         |

414: PH 2 x 4"

**413**AC 1000V  
IEC 60900 : 2012

|                       |           |  |            |  | 413   414  | \$           |           | EAN-Code                | Item No |
|-----------------------|-----------|--|------------|--|------------|--------------|-----------|-------------------------|---------|
| <b>Set 6 pcs. VDE</b> |           |  |            |  | 413 961 98 | <b>57.35</b> | 460       | 40 07157 <b>53169</b> 8 |         |
| (4 x ) <b>413:</b>    | 1/8" x 4" |  | 5/32" x 4" |  | 7/32" x 5" |              | 1/4" x 6" |                         |         |

(2 x ) **414:** PH 1 x 3 1/8" | PH 2 x 4"**95**



hanging hole for easy storage or inserting lever

**Handle  
30%  
slimmer!**

**ERGONIC® (pat.)**  
U.S. Patent No 7,877,843

**E⚡slim**

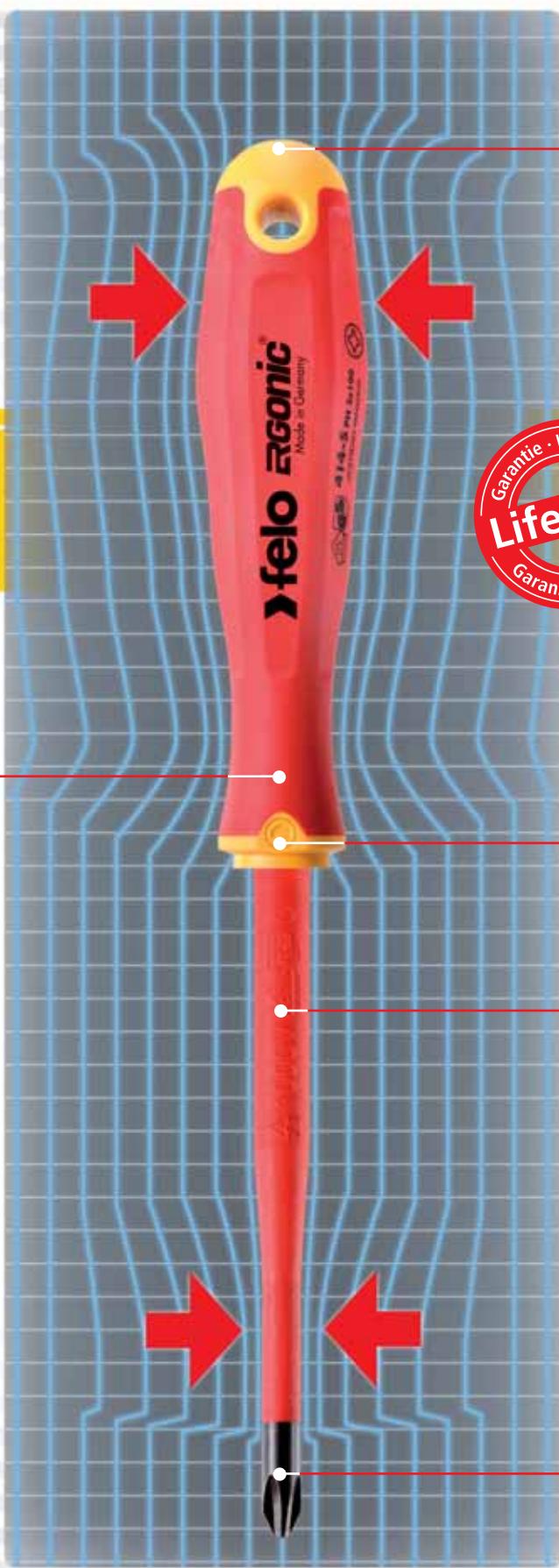


Ergonic, the first handle that adapts to the user's hand!

**made in  
Germany**



**Insulation  
up to 50%  
slimmer!**



screw symbols on handle cap



hand and handle interlock, causing less strain



Each item individually tested with 10.000 Volts.

AC 1000V  
IEC 60900 : 2012



anti-roll handle design

blades manufactured from chrome-molybdenum-vanadium steel



EAN code on every product

black tip for precision fit

**413**AC 1000V  
IEC 60900 : 2012

|                |    |       |       |       | 413 | \$         |              | EAN-Code | Item No                 |
|----------------|----|-------|-------|-------|-----|------------|--------------|----------|-------------------------|
|                |    |       |       |       |     |            |              |          |                         |
| 1/8"           | 4" | 4.17" | 0.14" | 0.98" | 12  | 413 930 90 | <b>12.87</b> | 45       | 40 07157 <b>62631</b> 8 |
| 9/64" x 0.027" | 4" | 4.17" | 0.14" | 0.98" | 12  | 413 935 90 | <b>13.29</b> | 45       | 40 07157 <b>62635</b> 6 |
| 9/64" x 0.031" | 4" | 4.17" | 0.14" | 0.98" | 12  | 413 938 90 | <b>10.82</b> | 45       | 40 07157 <b>62637</b> 0 |
| 5/32"          | 4" | 4.17" | 0.16" | 0.98" | 12  | 413 940 90 | <b>13.68</b> | 46       | 40 07157 <b>62639</b> 4 |
| 3/16"          | 5" | 4.53" | 0.18" | 1.06" | 12  | 413 945 90 | <b>16.50</b> | 62       | 40 07157 <b>62641</b> 7 |
| 7/32"          | 5" | 4.53" | 0.22" | 1.06" | 12  | 413 955 90 | <b>15.77</b> | 73       | 40 07157 <b>62643</b> 1 |
| 1/4"           | 5" | 4.53" | 0.26" | 1.06" | 12  | 413 965 90 | <b>17.35</b> | 86       | 40 07157 <b>62645</b> 5 |

**414**AC 1000V  
IEC 60900 : 2012

|             |        |       |       |       | 414 | \$         |              | EAN-Code | Item No                 |
|-------------|--------|-------|-------|-------|-----|------------|--------------|----------|-------------------------|
|             |        |       |       |       |     |            |              |          |                         |
| PH          |        |       |       |       |     |            |              |          |                         |
| E-slim PH 1 | 3 1/8" | 4.17" | 0.98" | 0.18" | 12  | 414 192 90 | <b>14.50</b> | 45       | 40 07157 <b>62647</b> 9 |
| E-slim PH 2 | 4"     | 4.53" | 1.06" | 0.24" | 12  | 414 293 90 | <b>15.78</b> | 73       | 40 07157 <b>62649</b> 3 |

**415**AC 1000V  
IEC 60900 : 2012

|             |        |       |       |       | 415 | \$         |              | EAN-Code | Item No                 |
|-------------|--------|-------|-------|-------|-----|------------|--------------|----------|-------------------------|
|             |        |       |       |       |     |            |              |          |                         |
| PZ          |        |       |       |       |     |            |              |          |                         |
| E-slim PZ 1 | 3 1/8" | 4.17" | 0.98" | 0.18" | 12  | 415 192 90 | <b>14.35</b> | 44       | 40 07157 <b>62651</b> 6 |
| E-slim PZ 2 | 4"     | 4.53" | 1.06" | 0.24" | 12  | 415 293 90 | <b>16.87</b> | 73       | 40 07157 <b>62653</b> 0 |

**416**AC 1000V  
IEC 60900 : 2012

|                |        |       |       |       | 416 | \$         |              | EAN-Code | Item No                 |
|----------------|--------|-------|-------|-------|-----|------------|--------------|----------|-------------------------|
|                |        |       |       |       |     |            |              |          |                         |
| +/- H          |        |       |       |       |     |            |              |          |                         |
| E-slim +/- H 1 | 3 1/8" | 4.17" | 0.18" | 0.98" | 12  | 416 192 90 | <b>16.24</b> | 45       | 40 07157 <b>62655</b> 4 |
| E-slim +/- H 2 | 4"     | 4.53" | 0.24" | 1.06" | 12  | 416 293 90 | <b>18.00</b> | 73       | 40 07157 <b>62657</b> 8 |

**417**AC 1000V  
IEC 60900 : 2012

|                |        |       |       |       | 417 | \$         |              | EAN-Code | Item No                 |
|----------------|--------|-------|-------|-------|-----|------------|--------------|----------|-------------------------|
|                |        |       |       |       |     |            |              |          |                         |
| +/- Z          |        |       |       |       |     |            |              |          |                         |
| E-slim +/- Z 1 | 3 1/8" | 4.17" | 0.18" | 0.98" | 12  | 417 192 90 | <b>15.39</b> | 45       | 40 07157 <b>62659</b> 2 |
| E-slim +/- Z 2 | 4"     | 4.53" | 0.24" | 1.06" | 12  | 417 293 90 | <b>17.62</b> | 73       | 40 07157 <b>62661</b> 5 |



418

AC 1000V  
IEC 60900 : 2012

| Torx      | 4" | 4.17" | 0.14" | 0.98" | 12 |
|-----------|----|-------|-------|-------|----|
| <b>10</b> | 4" | 4.17" | 0.14" | 0.98" | 12 |
| <b>15</b> | 4" | 4.17" | 0.14" | 0.98" | 12 |
| <b>20</b> | 5" | 4.53" | 0.18" | 1.06" | 12 |
| <b>25</b> | 5" | 4.53" | 0.18" | 1.06" | 12 |

418



EAN-Code Item No

|            |              |    |                         |
|------------|--------------|----|-------------------------|
| 418 109 90 | <b>18.91</b> | 46 | 40 07157 <b>62663</b> 9 |
| 418 159 90 | <b>19.49</b> | 46 | 40 07157 <b>62665</b> 3 |
| 418 209 90 | <b>20.66</b> | 62 | 40 07157 <b>62667</b> 7 |
| 418 259 90 | <b>19.79</b> | 63 | 40 07157 <b>62669</b> 1 |

413



E-slim set 4 pcs. VDE

- [2 x] **413:** 9/64" x 4" | 7/32" x 5"  
 [2 x] **414:** PH1 x 3 1/8" | PH2 x 4"

AC 1000V  
IEC 60900 : 2012

413 | 414



EAN-Code Item No

|            |              |     |                         |
|------------|--------------|-----|-------------------------|
| 413 841 98 | <b>59.36</b> | 321 | 40 07157 <b>62741</b> 4 |
|------------|--------------|-----|-------------------------|

413



E-slim set 5 pcs. VDE

- [2 x] **413:** 9/64" x 4" | 7/32" x 5"  
 [2 x] **414:** PH1 x 3 1/8" | PH2 x 4"  
**361:** Mains testing screwdriver VDE 0680/6, 220-250 Volt

AC 1000V  
IEC 60900 : 2012

413 | 414



EAN-Code Item No

|            |              |     |                         |
|------------|--------------|-----|-------------------------|
| 413 852 98 | <b>67.61</b> | 359 | 40 07157 <b>62853</b> 4 |
|------------|--------------|-----|-------------------------|

**413****413****E-slim set 5 pcs. VDE**

413 851 98

AC 1000V  
IEC 60900 : 2012\$ 72.58   371   EAN-Code Item No  
40 07157 62743 8

- (3 x ) **413:** 1/8" x 4" | 5/32" x 4" | 7/32" x 5"  
(2 x ) **414:** PH1 x 3 1/8" | PH2 x 4"

**413****413 | 414****E-slim set 7 pcs. VDE**

413 807 36

AC 1000V  
IEC 60900 : 2012\$ 81.02   650   EAN-Code Item No  
40 07157 62745 2

- (3 x ) **413:** 1/8" x 4" | 5/32" x 4" | 7/32" x 5"  
(2 x ) **414:** PH1 x 3 1/8" | PH2 x 4"  
**415:** PZ2 x 4"  
**361:** Mains testing screwdriver VDE 0680/6, 220-250 Volt

**413****413 | 414****E-slim Kombi Display 22 pcs. VDE (Sets not included)**

413 881 90

AC 1000V  
IEC 60900 : 2012\$ 328.48   2471   EAN-Code Item No  
40 07157 62749 0

- (4 x 3) **413:** 1/8" x 4" | 9/64" x 4" | 7/32" x 5"  
(2 x ) **413:** 1/4" x 5"  
(2 x ) **414:** PH1 x 3 1/8"  
(3 x ) **414:** PH2 x 4"  
(3 x ) **415:** PZ2 x 4"

**99**



**The Original  
VDE Serie 500**

The leaders in

- handle-design
- blade quality
- 2-component-technology



**513**



AC 1000V

IEC 60900 : 2012

|   |       |    |      |      | 513   | \$ | #          | EAN-Code     | Item No                     |
|---|-------|----|------|------|-------|----|------------|--------------|-----------------------------|
| ● | 3/32" | 3" | 2.7" | 0.8" | 0.10" | 12 | 513 025 90 | <b>5.23</b>  | 22 40 07157 <b>22141</b> 4  |
| ● | 1/8"  | 4" | 2.7" | 0.8" | 0.12" | 12 | 513 030 90 | <b>5.23</b>  | 28 40 07157 <b>22113</b> 1  |
| ● | 9/64" | 4" | 2.7" | 0.8" | 0.14" | 12 | 513 035 90 | <b>5.68</b>  | 30 40 07157 <b>22114</b> 8  |
| ● | 5/32" | 4" | 3.2" | 1"   | 0.14" | 12 | 513 040 90 | <b>6.78</b>  | 44 40 07157 <b>22115</b> 5  |
| ● | 3/16" | 5" | 3.9" | 1.3" | 0.18" | 12 | 513 045 90 | <b>10.58</b> | 73 40 07157 <b>50124</b> 0  |
| ● | 7/32" | 5" | 3.9" | 1.3" | 0.18" | 12 | 513 055 90 | <b>10.58</b> | 70 40 07157 <b>22116</b> 2  |
| ● | 1/4"  | 6" | 3.9" | 1.3" | 0.22" | 6  | 513 065 90 | <b>10.58</b> | 86 40 07157 <b>22117</b> 9  |
| ● | 5/16" | 7" | 4.1" | 1.5" | 0.28" | 6  | 513 080 90 | <b>11.95</b> | 135 40 07157 <b>22118</b> 6 |

**514**



AC 1000V

IEC 60900 : 2012

|   |    |        |      |      | 514   | \$  | #          | EAN-Code     | Item No                     |
|---|----|--------|------|------|-------|-----|------------|--------------|-----------------------------|
| ◆ | PH | ↔      | ↔    | ↔    | ∅     | Box |            |              |                             |
| ◆ | 0  | 2 3/8" | 3.2" | 1"   | 0.12" | 12  | 514 001 90 | <b>5.63</b>  | 25 40 07157 <b>22142</b> 1  |
| ◆ | 1  | 3 1/8" | 3.5" | 1.1" | 0.20" | 12  | 514 102 90 | <b>6.61</b>  | 52 40 07157 <b>22119</b> 3  |
| ◆ | 2  | 4"     | 3.9" | 1.3" | 0.24" | 12  | 514 203 90 | <b>8.53</b>  | 80 40 07157 <b>22120</b> 9  |
| ◆ | 3  | 6"     | 4.1" | 1.5" | 0.31" | 6   | 514 304 90 | <b>11.89</b> | 145 40 07157 <b>22143</b> 8 |

**518**



|      |           |    |      |      | 518 | \$         | #            | EAN-Code                    | Item No |
|------|-----------|----|------|------|-----|------------|--------------|-----------------------------|---------|
| 1/4" | Bitholder | ↔  | ↔    | ↔    | Box |            |              |                             |         |
| 1/4" |           | 4" | 3.9" | 1.3" | 6   | 518 125 40 | <b>14.53</b> | 103 40 07157 <b>50785</b> 3 |         |

**100**

**513****513 | 514****\$**EAN-Code **Item No**40 07157 **50176 9****48.34**

463

- VDE Set 6 pcs.** 513 961 97  
 (4 x ) **513:** 1/8" x 4" | 9/64" x 4" | 5/32" x 4" | 7/32" x 5"  
 (2 x ) **514:** PH 1 x 3 1/8" | PH 2 x 4"

AC 1000V  
IEC 60900 : 2012**513****513****\$**

EAN-Code

40 07157 **50120 2**

- Set 6-pcs.** 513 961 98  
 (3 x ) **513:** 9/64"x4" | 5/32"x4" | 7/32"x5"  
 (2 x ) **514:** PH 1 x 1/8" | PH 2 x 4"

**361: Mains testing screwdriver VDE 0680/6, 220-250 Volt**AC 1000V  
IEC 60900 : 2012**101**



020



020



EAN-Code Item No

**E-Pro** 6 020 912 06 **26.21** 218 40 07157 **51427 1**

**518:** 1/4" x 4" Bit Holder

{4 x } **020:** 1/8" | 5/32" | 7/32" | 9/32"

{2 x } **021:** PZ 1 / PZ 2

{3 x } **022:** PH 0 / PH 1 / PH 2

{2 x } **026:** Torx 15 / Torx 20



**E-Pro SQ** 6 020 912 26 **28.57** 218 40 07157 **53235 0**

**518:** 1/4" x 4" Bit Holder

{4 x } **020:** 1/8" | 5/32" | 7/32" | 9/32"

{3 x } **022:** PH 0 / PH 1 / PH 2

{4 x } **025:** SQ 0 | SQ 1 | SQ 2 | SQ 3

## VDE Serie 600

High quality and  
comprehensive range



613



**AC 1000V**  
**IEC 60900 : 2012**

613 | 614



EAN-Code Item No

**VDE Set 7 pcs.** 613 973 97 **37.17** 483 40 07157 **51401 1**

{5 x } **613:** 3/32" x 3" | 1/8" x 4" | 9/64" x 4" | 5/32" x 4" | 7/32" x 5"

{2 x } **614:** PH 1 x 3 1/8" | PH 2 x 4"

102

## Wire Stripping Tools

Superior quality  
for professionals



**583** Automatic Wire Stripper      12      583 999 11      \$ 32.35      119      EAN-Code **Item No** 40 07157 **62681 3**



**584** Cable Stripper      12      584 018 11      \$ 20.75      96      EAN-Code **Item No** 40 07157 **62683 7**

**103**



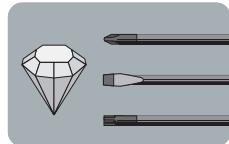
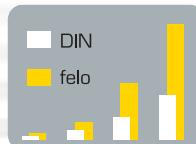
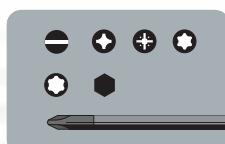
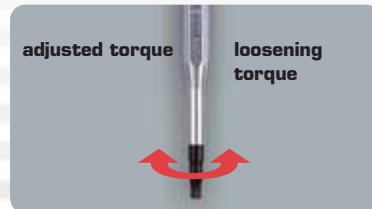
coloured ring indicating torque range

**0,6 - 1,5 Nm**  
5.3 - 13.3 lb-in**1,5 - 3,0 Nm**  
13.3 - 26.6 lb-in**3,0 - 5,4 Nm**  
26.6 - 47.8 lb-ineasy adjustment  
of torque

**Torque screwdrivers  
with precise adjustment**

## Serie Nm (pat.)

ergonomically refined design

blades manufactured from  
chrome-molybdenum-  
vanadium steelsuperior torque which  
exceeds DIN and ISO  
requirements by  
up to 100%Precise release – indicated  
by acoustic and mechanic  
signalsblack tip  
for precision fitexchangeable blades for greatest  
flexibility in all areas of use

**100****Nm-Box 0,6 Nm - 1,5 Nm (5.3 - 13.3 lb-in)**

**100**      **\$**      EAN-Code **Item No**

100 991 16    **171.31**    1190    40 07157 **52039** 5

(12 x )      Torx 6 | Torx 7 | Torx 8

IP 6 | IP 7 | IP 8 | IP 9

1/8" | 9/64"

PH 0

PZ 0

**Magnetic Bitholder****Handle** 5.3 - 13.3 lb-in**Adjustment Tool****Metal Case:** L: 8 5/8" W: 4 5/16" H: 1 3/8"**100****Nm-Box 1,5 Nm - 3,0 Nm (13.3 - 26.6 lb-in)**

**100**      **\$**      EAN-Code **Item No**

100 992 16    **171.31**    1201    40 07157 **52041** 8

(12 x )      Torx 9 | Torx 10 | Torx 15

IP 9 | IP 10 | IP 15

5/32"

PH 1 | PH 2

PZ 1 | PZ 2

**Magnetic Bitholder****Handle** 13.3 - 26.6 lb-in**Adjustment Tool****Metal Case:** L: 8 5/8" W: 4 5/16" H: 1 3/8"**105**

**100****Nm-Box 3.0 Nm - 5.4 Nm (26.6-47.8 lb-in)**

(12 x ) Torx 15 | Torx 20 | Torx 25

IP 9 | IP 10 | IP 15

5/32"

PH 1 | PH 2

PZ 1 | PZ 2

**Magnetic Bitholder****Handle** 26.6-47.8 lb-in**Adjustment Tool****Metal Case:** L: 8 5/8" W: 4 5/16" H: 1 3/8"**100****\$**EAN-Code **Item No**100 993 16 **171.31** 1296 40 07157 **52043 2****100****Handle****Nm max****100****\$**EAN-Code **Item No**5.3 - 13.3 lb-in **61.42** 142 40 07157 **52149 1**13.3 - 26.6 lb-in **61.42** 144 40 07157 **52151 4**26.6 - 47.8 lb-in **61.42** 148 40 07157 **52153 8****100****100****\$**EAN-Code **Item No****Torque-Seal** 5/16" **4.62** 2 40 07157 **53413 2****100****100****\$**EAN-Code **Item No****Key 6mm** 3 3/8" **4.19** 27 40 07157 **52155 2****106**

**108****108****\$****EAN-Code**

|                  | Nm max |  |      |   | 108        | \$          |    | EAN-Code                |
|------------------|--------|--|------|---|------------|-------------|----|-------------------------|
| <b>Torx 6</b>    | 6 3/4" |  | 1/4" | 1 | 108 061 04 | <b>8.65</b> | 43 | 40 07157 <b>51991</b> 7 |
| <b>Torx 7</b>    | 6 3/4" |  | 1/4" | 1 | 108 071 04 | <b>8.65</b> | 43 | 40 07157 <b>51993</b> 1 |
| <b>Torx 8</b>    | 6 3/4" |  | 1/4" | 1 | 108 083 04 | <b>8.65</b> | 43 | 40 07157 <b>51995</b> 5 |
| <b>Torx 9</b>    | 6 3/4" |  | 1/4" | 1 | 108 093 04 | <b>8.65</b> | 43 | 40 07157 <b>51997</b> 9 |
| <b>Torx 10</b>   | 6 3/4" |  | 1/4" | 1 | 108 103 04 | <b>8.65</b> | 43 | 40 07157 <b>51999</b> 3 |
| <b>Torx 15</b>   | 6 3/4" |  | 1/4" | 1 | 108 153 04 | <b>8.65</b> | 44 | 40 07157 <b>52001</b> 2 |
| <b>Torx 20</b>   | 6 3/4" |  | 1/4" | 1 | 108 203 04 | <b>8.65</b> | 45 | 40 07157 <b>52003</b> 6 |
| <b>Torx 25</b>   | 6 3/4" |  | 1/4" | 1 | 108 253 04 | <b>8.65</b> | 46 | 40 07157 <b>52005</b> 0 |
| <b>IP 6</b>      | 6 3/4" |  | 1/4" | 1 | 109 061 04 | <b>8.65</b> | 43 | 40 07157 <b>52007</b> 4 |
| <b>IP 7</b>      | 6 3/4" |  | 1/4" | 1 | 109 071 04 | <b>8.65</b> | 43 | 40 07157 <b>52009</b> 8 |
| <b>IP 8</b>      | 6 3/4" |  | 1/4" | 1 | 109 083 04 | <b>8.65</b> | 43 | 40 07157 <b>52011</b> 1 |
| <b>IP 9</b>      | 6 3/4" |  | 1/4" | 1 | 109 093 04 | <b>8.65</b> | 43 | 40 07157 <b>52013</b> 5 |
| <b>IP 10</b>     | 6 3/4" |  | 1/4" | 1 | 109 103 04 | <b>8.65</b> | 43 | 40 07157 <b>52015</b> 9 |
| <b>IP 15</b>     | 6 3/4" |  | 1/4" | 1 | 109 153 04 | <b>8.65</b> | 44 | 40 07157 <b>52017</b> 3 |
| <b>1/8"</b>      | 6 3/4" |  | 1/4" | 1 | 100 032 04 | <b>8.65</b> | 43 | 40 07157 <b>52019</b> 7 |
| <b>9/64"</b>     | 6 3/4" |  | 1/4" | 1 | 100 353 04 | <b>8.65</b> | 44 | 40 07157 <b>52021</b> 0 |
| <b>5/32"</b>     | 6 3/4" |  | 1/4" | 1 | 100 043 04 | <b>8.65</b> | 44 | 40 07157 <b>52023</b> 4 |
| <b>7/32"</b>     | 6 3/4" |  | 1/4" | 1 | 100 554 04 | <b>8.65</b> | 45 | 40 07157 <b>61245</b> 8 |
| <b>PH 0</b>      | 6 3/4" |  | 1/4" | 1 | 102 001 04 | <b>8.65</b> | 43 | 40 07157 <b>52025</b> 8 |
| <b>PH 1</b>      | 6 3/4" |  | 1/4" | 1 | 102 102 04 | <b>8.65</b> | 45 | 40 07157 <b>52027</b> 2 |
| <b>PH 2</b>      | 6 3/4" |  | 1/4" | 1 | 102 203 04 | <b>8.65</b> | 46 | 40 07157 <b>52029</b> 6 |
| <b>PZ 0</b>      | 6 3/4" |  | 1/4" | 1 | 101 001 04 | <b>8.65</b> | 43 | 40 07157 <b>52031</b> 9 |
| <b>PZ 1</b>      | 6 3/4" |  | 1/4" | 1 | 101 102 04 | <b>8.65</b> | 45 | 40 07157 <b>52033</b> 3 |
| <b>PZ 2</b>      | 6 3/4" |  | 1/4" | 1 | 101 203 04 | <b>8.65</b> | 47 | 40 07157 <b>52035</b> 7 |
| <b>1,5mm</b>     | 6 3/4" |  | 1/4" | 1 | 104 015 04 | <b>8.65</b> | 43 | 41 07157 <b>61625</b> 8 |
| <b>2mm</b>       | 6 3/4" |  | 1/4" | 1 | 104 020 04 | <b>8.65</b> | 43 | 42 07157 <b>61627</b> 2 |
| <b>2,5mm</b>     | 6 3/4" |  | 1/4" | 1 | 104 025 04 | <b>8.65</b> | 43 | 43 07157 <b>61629</b> 6 |
| <b>3mm</b>       | 6 3/4" |  | 1/4" | 1 | 104 030 04 | <b>8.65</b> | 44 | 44 07157 <b>61631</b> 9 |
| <b>4mm</b>       | 6 3/4" |  | 1/4" | 1 | 105 040 04 | <b>8.65</b> | 44 | 45 07157 <b>61633</b> 3 |
| <b>Bitholder</b> | 6 3/4" |  | 1/4" | 1 | 118 125 04 | <b>8.65</b> | 65 | 40 07157 <b>52037</b> 1 |

**108**AC 1000V  
IEC 60900 : 2012

|  | Nm VDE        |  | Nm max |  |      |   | 100        | \$          |    | EAN-Code                |
|--|---------------|--|--------|--|------|---|------------|-------------|----|-------------------------|
|  | <b>9/64"</b>  |  | 6 3/4" |  | 1/4" | 1 | 100 353 14 | <b>9.82</b> | 23 | 40 07157 <b>61651</b> 7 |
|  | <b>5/32"</b>  |  | 6 3/4" |  | 1/4" | 1 | 100 043 14 | <b>9.82</b> | 24 | 40 07157 <b>61653</b> 1 |
|  | <b>7/32"</b>  |  | 6 3/4" |  | 1/4" | 1 | 100 554 14 | <b>9.82</b> | 26 | 40 07157 <b>61655</b> 5 |
|  | <b>PH1</b>    |  | 6 3/4" |  | 1/4" | 1 | 102 102 14 | <b>9.82</b> | 26 | 40 07157 <b>61657</b> 9 |
|  | <b>PH2</b>    |  | 6 3/4" |  | 1/4" | 1 | 102 203 14 | <b>9.82</b> | 31 | 40 07157 <b>61659</b> 3 |
|  | <b>PZ1</b>    |  | 6 3/4" |  | 1/4" | 1 | 101 102 14 | <b>9.82</b> | 26 | 40 07157 <b>61661</b> 6 |
|  | <b>PZ2</b>    |  | 6 3/4" |  | 1/4" | 1 | 101 203 14 | <b>9.82</b> | 31 | 40 07157 <b>61663</b> 0 |
|  | <b>H2 +/-</b> |  | 6 3/4" |  | 1/4" | 1 | 106 203 14 | <b>9.82</b> | 31 | 40 07157 <b>61665</b> 4 |
|  | <b>Z2 +/-</b> |  | 6 3/4" |  | 1/4" | 1 | 107 203 14 | <b>9.82</b> | 31 | 40 07157 <b>61667</b> 8 |

**107**



freely rotating cap  
for minimal friction

hanging hole for easy  
storage or inserting lever



EAN code on every  
product

**felo Precision Screwdrivers are  
setting the standards in all  
functional aspects.**

## Serie 240/250

pleasant soft grip  
material for added  
comfort

ergonomically refined  
design

anti-roll handle design

full-length  
polypropylene core

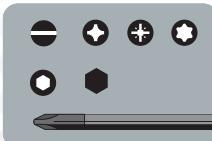
blades manufactured from  
chrome-molybdenum-  
vanadium steel

superior torque which  
exceeds DIN and ISO  
requirements by  
up to 100%



**felo Precision Screw-  
drivers are also avail-  
able with ceramic  
blades or manufac-  
tured to ESD standards.**

ESD Safe  
 $10^8 - 10^{10} \Omega$



black tip for precision fit



**240**

|              |        |        |      |       | <b>240</b> | <b>\$</b>  |             | EAN-Code | Item No                 |
|--------------|--------|--------|------|-------|------------|------------|-------------|----------|-------------------------|
| <b>1/16"</b> | 2 3/8" | 3 1/2" | 0.8" | 0.10" | 12         | 240 151 50 | <b>5.44</b> | 19       | 40 07157 <b>31738</b> 4 |
| <b>5/64"</b> | 2 3/8" | 3 1/2" | 0.8" | 0.10" | 12         | 240 201 50 | <b>4.94</b> | 20       | 40 07157 <b>31740</b> 7 |
| <b>3/32"</b> | 2 3/8" | 3 1/2" | 0.8" | 0.10" | 12         | 240 252 50 | <b>4.48</b> | 20       | 40 07157 <b>31742</b> 1 |
| <b>3/32"</b> | 6"     | 3 1/2" | 0.8" | 0.10" | 12         | 240 255 50 | <b>5.50</b> | 25       | 40 07157 <b>31744</b> 5 |
| <b>3/32"</b> | 8"     | 3 1/2" | 0.8" | 0.10" | 12         | 240 257 50 | <b>6.48</b> | 27       | 40 07157 <b>31746</b> 9 |
| <b>1/8"</b>  | 2 3/8" | 3 1/2" | 0.8" | 0.12" | 12         | 240 033 50 | <b>4.87</b> | 22       | 40 07157 <b>31748</b> 3 |
| <b>1/8"</b>  | 4"     | 4"     | 0.8" | 0.12" | 12         | 240 035 50 | <b>5.11</b> | 25       | 40 07157 <b>31750</b> 6 |
| <b>1/8"</b>  | 8"     | 4"     | 0.8" | 0.12" | 12         | 240 037 50 | <b>6.47</b> | 30       | 40 07157 <b>31752</b> 0 |
| <b>9/64"</b> | 2 3/8" | 3 1/2" | 0.8" | 0.12" | 12         | 240 333 50 | <b>5.02</b> | 24       | 40 07157 <b>61307</b> 3 |
| <b>9/64"</b> | 4"     | 4"     | 0.8" | 0.14" | 12         | 240 353 50 | <b>4.94</b> | 26       | 40 07157 <b>31754</b> 4 |
| <b>9/64"</b> | 6"     | 4"     | 0.8" | 0.14" | 12         | 240 355 50 | <b>5.54</b> | 29       | 40 07157 <b>31756</b> 8 |
| <b>9/64"</b> | 10"    | 4"     | 0.8" | 0.14" | 12         | 240 358 50 | <b>7.28</b> | 36       | 40 07157 <b>31758</b> 2 |
| <b>5/32"</b> | 4"     | 4"     | 0.8" | 0.16" | 12         | 240 043 50 | <b>5.29</b> | 28       | 40 07157 <b>31760</b> 5 |
| <b>5/32"</b> | 6"     | 4"     | 0.8" | 0.16" | 12         | 240 045 50 | <b>6.03</b> | 33       | 40 07157 <b>31762</b> 9 |
| <b>5/32"</b> | 8"     | 4"     | 0.8" | 0.16" | 12         | 240 047 50 | <b>7.40</b> | 38       | 40 07157 <b>31764</b> 3 |

**242**

|               |        |        |      |       | <b>242</b> | <b>\$</b>  |             | EAN-Code | Item No                 |
|---------------|--------|--------|------|-------|------------|------------|-------------|----------|-------------------------|
| <b>PH 000</b> | 2 3/8" | 3 1/2" | 0.8" | 0.10" | 12         | 242 000 50 | <b>7.82</b> | 20       | 40 07157 <b>31770</b> 4 |
| <b>00</b>     | 2 3/8" | 3 1/2" | 0.8" | 0.10" | 12         | 242 009 50 | <b>6.33</b> | 20       | 40 07157 <b>31772</b> 8 |
| <b>0</b>      | 2 3/8" | 3 1/2" | 0.8" | 0.12" | 12         | 242 001 50 | <b>5.11</b> | 21       | 40 07157 <b>31774</b> 2 |
| <b>1</b>      | 3 1/8" | 4"     | 0.8" | 0.18" | 12         | 242 102 50 | <b>5.92</b> | 31       | 40 07157 <b>31776</b> 6 |
| <b>1</b>      | 6"     | 4"     | 0.8" | 0.18" | 12         | 242 105 50 | <b>6.81</b> | 40       | 40 07157 <b>31778</b> 0 |

**246**

| mm            | ↔      | ↔      | ↔    | ∅     | ✉  | 246        | \$          | ✉  | EAN-Code Item No        |
|---------------|--------|--------|------|-------|----|------------|-------------|----|-------------------------|
| <b>1.5 mm</b> | 2 3/8" | 3 1/2" | 0.8" | 0.06" | 12 | 246 151 50 | <b>5.14</b> | 18 | 40 07157 <b>31782</b> 7 |
| <b>2 mm</b>   | 2 3/8" | 3 1/2" | 0.8" | 0.08" | 12 | 246 201 50 | <b>4.62</b> | 18 | 40 07157 <b>31784</b> 1 |
| <b>2.5 mm</b> | 3"     | 3 1/2" | 0.8" | 0.10" | 12 | 246 252 50 | <b>4.15</b> | 23 | 40 07157 <b>31786</b> 5 |
| <b>3 mm</b>   | 3"     | 4"     | 0.8" | 0.12" | 12 | 246 302 50 | <b>4.15</b> | 26 | 40 07157 <b>31788</b> 9 |

**248**

| Torx      | ↔      | ↔      | ↔    | ∅     | ✉  | 248        | \$           | ✉  | EAN-Code Item No        |
|-----------|--------|--------|------|-------|----|------------|--------------|----|-------------------------|
| <b>5</b>  | 2 3/8" | 3 1/2" | 0.8" | 0.12" | 12 | 248 051 50 | <b>6.96</b>  | 21 | 40 07157 <b>31790</b> 2 |
| <b>6</b>  | 2 3/8" | 3 1/2" | 0.8" | 0.12" | 12 | 248 061 50 | <b>6.81</b>  | 22 | 40 07157 <b>31792</b> 6 |
| <b>7</b>  | 2 3/8" | 3 1/2" | 0.8" | 0.12" | 12 | 248 071 50 | <b>6.81</b>  | 22 | 40 07157 <b>31794</b> 0 |
| <b>8</b>  | 2 3/8" | 3 1/2" | 0.8" | 0.12" | 12 | 248 081 50 | <b>6.81</b>  | 22 | 40 07157 <b>31796</b> 4 |
| <b>9</b>  | 2 3/8" | 3 1/2" | 0.8" | 0.14" | 12 | 248 091 50 | <b>7.25</b>  | 24 | 40 07157 <b>31798</b> 8 |
| <b>10</b> | 2 3/8" | 4"     | 0.8" | 0.14" | 12 | 248 103 50 | <b>7.33</b>  | 28 | 40 07157 <b>31800</b> 8 |
| <b>10</b> | 10"    | 4"     | 0.8" | 0.14" | 6  | 248 108 50 | <b>11.76</b> | 30 | 40 07157 <b>50276</b> 6 |
| <b>15</b> | 4"     | 4"     | 0.8" | 0.16" | 12 | 248 153 50 | <b>7.60</b>  | 29 | 40 07157 <b>31802</b> 2 |
| <b>15</b> | 10"    | 4"     | 0.8" | 0.16" | 6  | 248 158 50 | <b>10.08</b> | 32 | 40 07157 <b>50278</b> 0 |
| <b>20</b> | 10"    | 4"     | 0.8" | 0.16" | 6  | 248 208 50 | <b>9.23</b>  | 34 | 40 07157 <b>50280</b> 3 |

**249**

| mm            | ↔      | ↔  | ↔    | ✉ | 249        | \$          | ✉  | EAN-Code Item No        |
|---------------|--------|----|------|---|------------|-------------|----|-------------------------|
| <b>3 mm</b>   | 2 3/8" | 4" | 0.8" | 6 | 249 300 50 | <b>9.93</b> | 28 | 40 07157 <b>50709</b> 9 |
| <b>3.5 mm</b> | 2 3/8" | 4" | 0.8" | 6 | 249 350 50 | <b>9.93</b> | 28 | 40 07157 <b>50711</b> 2 |
| <b>4 mm</b>   | 2 3/8" | 4" | 0.8" | 6 | 249 400 50 | <b>9.93</b> | 28 | 40 07157 <b>50713</b> 6 |
| <b>4.5 mm</b> | 2 3/8" | 4" | 0.8" | 6 | 249 450 50 | <b>9.93</b> | 28 | 40 07157 <b>50715</b> 0 |
| <b>5 mm</b>   | 2 3/8" | 4" | 0.8" | 6 | 249 500 50 | <b>9.93</b> | 28 | 40 07157 <b>50717</b> 4 |
| <b>5.5 mm</b> | 2 3/8" | 4" | 0.8" | 6 | 249 550 50 | <b>9.93</b> | 28 | 40 07157 <b>50719</b> 8 |

**110**

**240****Box 6 pcs.****240 | 248****\$**EAN-Code **Item No**240 961 56    **33.30**    200    40 07157 **31844 2**[4 x] **240:** 1/16" x 2 3/8" | 5/64" x 2 3/8" | 3/32" x 2 3/8" | 1/8" x 2 3/8"[2 x] **242:** PH 00 x 2 3/8" | PH 0 x 2 3/8"**Box 6 pcs.**

248 961 56

**38.98**

200

40 07157 **31846 6**[4 x] **248:** Torx 6 x 2 3/8" | Torx 7 x 2 3/8" | Torx 8 x 2 3/8" | Torx 9 x 2 3/8"[2 x] **246:** Hex 1.5 mm x 2 3/8" | Hex 2.0 mm x 2 3/8"



280



**280**      **\$**           EAN-Code **Item No**

|        |   |            |              |     |                         |
|--------|---|------------|--------------|-----|-------------------------|
|        | <b>T 4 - Box I. 7 pcs.</b>                            | 280 907 06 | <b>59.00</b> | 161 | 40 07157 <b>50723 5</b> |
| [6 x ] | Blade   |            |              |     |                         |
|        | 1/16" - 1/8"   5/64" - 9/64"   3/32" - 5/32"          |            |              |     |                         |
|        | PH 1 - PH 0   PH 00 - PH 000                          |            |              |     |                         |
|        | PZ 1 - PZ 0   |            |              |     |                         |
|        | Handle 4" x 3/4"                                      |            |              |     |                         |
|        | <b>T 4 - Box II. 7 pcs.</b>                           | 280 907 16 | <b>57.03</b> | 161 | 40 07157 <b>50725 9</b> |
| [6 x ] | Blade   |            |              |     |                         |
|        | Hex 1.3 - 4.0 mm   1.5 - 2.0 mm   2.5 - 3.0 mm        |            |              |     |                         |
|        | Torx 6 - Torx 15   Torx 7 - Torx 10   Torx 8 - Torx 9 |            |              |     |                         |
|        | Handle 4" x 3/4"                                      |            |              |     |                         |
|        | <b>T 4 - Box III. 7 pcs.</b>                          | 280 907 26 | <b>55.67</b> | 161 | 40 07157 <b>50727 3</b> |
| [6 x ] | Blade   |            |              |     |                         |
|        | 5/64" - 9/64"   |            |              |     |                         |
|        | PH 1 - PH 0   PH 00 - PH 000                          |            |              |     |                         |
|        | Torx 6 - Torx 15   Torx 7 - Torx 10   Torx 8 - Torx 9 |            |              |     |                         |
|        | Handle 4" x 3/4"                                      |            |              |     |                         |

280



**280**      **\$**           EAN-Code **Item No**

|  |                          |               |   |            |             |    |                         |
|--|--------------------------|---------------|---|------------|-------------|----|-------------------------|
|  | <b>1/16" - 1/8"</b>      | 4 5/16" 0.16" | 1 | 280 153 14 | <b>8.12</b> | 12 | 40 07157 <b>50729 7</b> |
|  | <b>5/64" - 9/64"</b>     | 4 5/16" 0.16" | 1 | 280 235 14 | <b>7.72</b> | 12 | 40 07157 <b>50731 0</b> |
|  | <b>3/32" - 5/32"</b>     | 4 5/16" 0.16" | 1 | 280 245 14 | <b>7.53</b> | 12 | 40 07157 <b>50733 4</b> |
|  | <b>PH 00 - PH 000</b>    | 4 5/16" 0.16" | 1 | 282 000 14 | <b>7.60</b> | 12 | 40 07157 <b>50737 2</b> |
|  | <b>PH 1 - PH 0</b>       | 4 5/16" 0.16" | 1 | 282 001 14 | <b>6.62</b> | 12 | 40 07157 <b>50735 8</b> |
|  | <b>PZ 1 - PZ 0</b>       | 4 5/16" 0.16" | 1 | 281 010 14 | <b>6.62</b> | 12 | 40 07157 <b>50739 6</b> |
|  | <b>Hex 1.3 mm - 4 mm</b> | 4 5/16" 0.16" | 1 | 284 134 14 | <b>7.23</b> | 12 | 40 07157 <b>50741 9</b> |
|  | <b>Hex 1.5 mm - 2 mm</b> | 4 5/16" 0.16" | 1 | 284 152 14 | <b>7.23</b> | 12 | 40 07157 <b>50743 3</b> |
|  | <b>Hex 2.5 mm - 3 mm</b> | 4 5/16" 0.16" | 1 | 284 253 14 | <b>7.23</b> | 12 | 40 07157 <b>50745 7</b> |
|  | <b>Torx 6 - Torx 15</b>  | 4 5/16" 0.16" | 1 | 286 615 14 | <b>7.23</b> | 12 | 40 07157 <b>50747 1</b> |
|  | <b>Torx 7 - Torx 10</b>  | 4 5/16" 0.16" | 1 | 286 710 14 | <b>7.23</b> | 12 | 40 07157 <b>50749 5</b> |
|  | <b>Torx 8 - Torx 9</b>   | 4 5/16" 0.16" | 1 | 286 890 14 | <b>7.23</b> | 12 | 40 07157 <b>50751 8</b> |

112

**280****280**EAN-Code **Item No**
**T4 handle**  
 for reversible blades
 

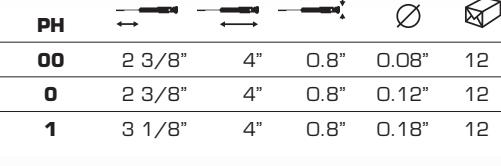
280 100 00

**7.00**

18

40 07157 **51259** 8**250****ESD Safe****10<sup>8</sup> - 10<sup>10</sup> Ω****250**EAN-Code **Item No**

|              |        |    |      |       |    |            |             |    |                         |
|--------------|--------|----|------|-------|----|------------|-------------|----|-------------------------|
| <b>1/16"</b> | 2 3/8" | 4" | 0.8" | 0.10" | 12 | 250 151 80 | <b>6.10</b> | 19 | 40 07157 <b>31806</b> 0 |
| <b>5/64"</b> | 2 3/8" | 4" | 0.8" | 0.10" | 12 | 250 201 80 | <b>5.33</b> | 19 | 40 07157 <b>31808</b> 4 |
| <b>3/32"</b> | 2 3/8" | 4" | 0.8" | 0.10" | 12 | 250 252 80 | <b>5.20</b> | 19 | 40 07157 <b>31810</b> 7 |
| <b>1/8"</b>  | 2 3/8" | 4" | 0.8" | 0.12" | 12 | 250 033 80 | <b>4.75</b> | 20 | 40 07157 <b>31812</b> 1 |
| <b>1/8"</b>  | 4"     | 4" | 0.8" | 0.12" | 12 | 250 035 80 | <b>5.40</b> | 22 | 40 07157 <b>31814</b> 5 |

**252****252**EAN-Code **Item No**

|           |        |    |      |       |    |            |             |    |                         |
|-----------|--------|----|------|-------|----|------------|-------------|----|-------------------------|
| <b>00</b> | 2 3/8" | 4" | 0.8" | 0.08" | 12 | 252 009 80 | <b>6.56</b> | 20 | 40 07157 <b>31816</b> 9 |
| <b>0</b>  | 2 3/8" | 4" | 0.8" | 0.12" | 12 | 252 001 80 | <b>5.70</b> | 20 | 40 07157 <b>31818</b> 3 |
| <b>1</b>  | 3 1/8" | 4" | 0.8" | 0.18" | 12 | 252 102 80 | <b>5.75</b> | 20 | 40 07157 <b>31820</b> 6 |

**250****ESD Safe****10<sup>8</sup> - 10<sup>10</sup> Ω****ESD Box 6 pcs.****250**EAN-Code **Item No**

|                   |                                 |
|-------------------|---------------------------------|
| [4 x] <b>250:</b> | 1/16" x 2 3/8"   5/64" x 2 3/8" |
|                   | 3/32" x 2 3/8"   1/8" x 2 3/8"  |
| [2 x] <b>252:</b> | PH 00 x 2 3/8"   PH 0 x 2 3/8"  |



ergonomically refined soft grip coating

2-component handle for added comfort

Made by professionals  
for professionals

## T-Griffe

strong, durable core for the highest torque

hanging hole for easy storage



Without soft-grip coating: extreme pressure points



With soft grip coating: reduced pressure points

EAN code on every product



blades made from chrome-vanadium and chrome-molybdenum-vanadium

GS tested for safety



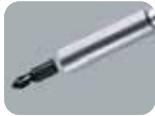
superior hardness which exceeds DIN and ISO requirements by up to 100%

matt chrome-plated blades with black tips for precision fit



**308**

| Torx      | mm     | in | Ø     | Box | 308        | \$          | g   | EAN-Code | Item No        |
|-----------|--------|----|-------|-----|------------|-------------|-----|----------|----------------|
| <b>10</b> | 5"     | 4" | 0.14" | 8   | 308 103 80 | <b>5.48</b> | 83  | 40 07157 | <b>50813</b> 3 |
| <b>15</b> | 5"     | 4" | 0.16" | 8   | 308 153 80 | <b>5.54</b> | 83  | 40 07157 | <b>50815</b> 7 |
| <b>20</b> | 5"     | 4" | 0.20" | 8   | 308 204 80 | <b>7.17</b> | 83  | 40 07157 | <b>32316</b> 3 |
| <b>20</b> | 8"     | 4" | 0.20" | 8   | 308 207 80 | <b>7.17</b> | 95  | 40 07157 | <b>32318</b> 7 |
| <b>25</b> | 5"     | 4" | 0.20" | 8   | 308 254 80 | <b>7.25</b> | 83  | 40 07157 | <b>32320</b> 0 |
| <b>25</b> | 8"     | 4" | 0.20" | 8   | 308 257 80 | <b>7.25</b> | 95  | 40 07157 | <b>32322</b> 4 |
| <b>27</b> | 8"     | 4" | 0.20" | 8   | 308 277 80 | <b>8.46</b> | 95  | 40 07157 | <b>32324</b> 8 |
| <b>30</b> | 8"     | 4" | 0.24" | 8   | 308 307 80 | <b>8.46</b> | 113 | 40 07157 | <b>32326</b> 2 |
| <b>40</b> | 8"     | 4" | 0.31" | 8   | 308 407 80 | <b>9.19</b> | 151 | 40 07157 | <b>32328</b> 6 |
| <b>45</b> | 5 1/2" | 4" | 0.31" | 8   | 308 455 80 | <b>9.68</b> | 128 | 40 07157 | <b>32330</b> 9 |

**338**

| 1/4" | mm | in | Box | 338        | \$           | g   | EAN-Code | Item No        |
|------|----|----|-----|------------|--------------|-----|----------|----------------|
| 1/4" | 5" | 4" | 6   | 338 125 80 | <b>11.78</b> | 111 | 40 07157 | <b>32350</b> 7 |

**303**

| Set 6 pcs.          | 308   | \$           | g   | EAN-Code | Item No        |
|---------------------|---|--------------|-----|----------|----------------|
| (6 x ) <b>308</b> : | 308 962 84  | <b>41.29</b> | 600 | 40 07157 | <b>50849</b> 2 |
| (6 x ) <b>308</b> : | Torx 10   Torx 15   Torx 20   Torx 25   Torx 27   Torx 30 |              |     |          |                |
| Set 6 pcs.          | 308 961 84  | <b>48.59</b> | 700 | 40 07157 | <b>50783</b> 9 |
| (6 x ) <b>308</b> : | Torx 20   Torx 25   Torx 27   Torx 30   Torx 40   Torx 45 |              |     |          |                |



Extremely strong ratcheting mechanism with super fine toothing:  
885 lb/in (100 Nm) 72 teeth, 5° ratcheting angle



Sockets safely locked  
and easily released by push-button

Handle permanently connected  
to ratchet by injection molding



**1/4" tool sets with ERGONIC ratchet:**  
**perfect and reliable without compromises**



U.S. Patent No 7,877,843

Patented ERGONIC handle with  
cushion effect:  
the ultimate of comfort!

Each component available  
individually

Practice oriented assortments  
stored in robust StrongBox

Long lasting premium quality  
in every detail:  
Lifetime guarantee  
on every component





looking for  
innovations?



## 057

**057**

**\$**



EAN-Code

057 836 56    **132.99**    955    40 07157 **62053 8**



**R-GO XL Inch**   **36-pce**

**ERGONIC Ratchet 1/4"**



**ERGONIC Stubby 1/4"**



**Sockets**

1/8" | 9,64" | 5/32" | 3/16" | 7/32" | 1/4" | 9/32" | 5/16" | 11/32" | 3/8" | 7/16" | 1/2" | 9/16"



**Bits** (06,3 x 1/4")

3/16" | 7/32"



SQ 0 | SQ 1 | SQ 2 | SQ 3



PH1 | PH2 | PH3

Torx 8 | Torx 10 | Torx 15 | Torx 20 | Torx 25 | Torx 30



**Extension** (4") 1/4" - 1/4"

**Extension** (2") 1/4" - 1/4"

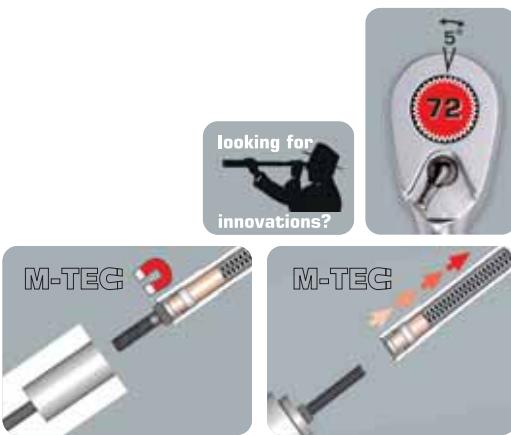
**U-Joint** 1/4"

**Bitholder** E6,3 x 2 1/4"

**Adapter** E 6,3 - 1/4" (2")

**Adapter** 1/4" SQ - 1/4" Hex

**StrongBox** L: 9 1/2" W: 5 7/64" H: 2 9/32"

**057**

1/4"

|                   |  |            |               |       |                         |
|-------------------|--|------------|---------------|-------|-------------------------|
| <b>R-GO M-Tec</b> | <b>Box 10-pcs</b>  | 057 810 06 | <b>154.73</b> | 1050g | 40 07157 <b>61553 4</b> |
|                   | <b>ERGONOMIC Ratchet 1/4"</b>                              |            |               |       |                         |
|                   | <b>ERGONOMIC Screwdriver with 1/4" adapter for sockets</b> |            |               |       |                         |
| (6 x )            | <b>M-Tec Nutdrivers</b>                                    |            |               |       |                         |
|                   | 5,5mm   6mm   7mm   8mm   10mm   13mm                      |            |               |       |                         |
|                   | <b>Extension (4") 1/4" - 1/4"</b>                          |            |               |       |                         |
|                   | <b>U-Joint 1/4"</b>  |            |               |       |                         |
|                   | <b>StrongBox L: 9 1/2" W: 5 7/64" H: 2 9/32"</b>           |            |               |       |                         |

**057**

1/4"

|                     |  |            |               |      |                         |
|---------------------|--|------------|---------------|------|-------------------------|
| <b>R-GO 19 Inch</b> | <b>Box 19-pcs</b>  | 057 819 56 | <b>120.88</b> | 955g | 40 07157 <b>62055 2</b> |
|                     | <b>ERGONOMIC Ratchet 1/4"</b>  |            |               |      |                         |
|                     | <b>ERGONOMIC Screwdriver with 1/4" adapter for sockets</b>   |            |               |      |                         |
| (13 x )             | <b>Sockets</b>   |            |               |      |                         |
|                     | 1/8"   9,64"   5/32"   3/16"   7/32"   1/4"   9/32"   5/16"   11/32"   3/8"   7/16"   1/2"   9/16" |            |               |      |                         |
|                     | <b>Extension (4") 1/4" - 1/4"</b>  |            |               |      |                         |
|                     | <b>Extension (2") 1/4" - 1/4"</b>  |            |               |      |                         |
|                     | <b>U-Joint 1/4"</b>  |            |               |      |                         |
|                     | <b>Adapter E 6,3 - 1/4" (2")</b>   |            |               |      |                         |
|                     | <b>StrongBox L: 9 1/2" W: 5 7/64" H: 2 9/32"</b>   |            |               |      |                         |

**118**

**057****R-GO 36 Box 36-pcs****057****\$****EAN-Code**057 836 06    **107.92**    900g    40 07157 **61557 2**

- 1/4"
- (30 x )
- Bits (C6,3 x 25mm)
- Extension (4") 1/4" - 1/4"
- Extension (2") 1/4" - 1/4"
- Ratchet 1/4"
- Screwdriver with Bitholder
- Hex
- Phillips
- Torx
- Square
- Star
- PZ
- PH
- Spanner
- Bitholder E6,3 x 2 1/2"
- Adapter 1/4" SQ - 1/4" Hex

**ERGONIC Ratchet 1/4"**  
**ERGONIC 438 Screwdriver with Bitholder**  
 Bits (C6,3 x 25mm)  
 1/8" | 3/16" | 7/32" | 1/4"  
 2mm | 3mm | 4mm | 5mm | 6mm  
 PH0 | PH1 | PH2 | PH3  
 PZ1 | PZ2 | PZ3  
 Torx 5 | Torx 6 | Torx 7 | Torx 8 | Torx 10 | Torx 15 | Torx 20 | Torx 25 | Torx 30 | Torx 40  
 SQ1 | SQ2  
 Spanner 6 | Spanner8  
 Extension (4") 1/4" - 1/4"  
 Extension (2") 1/4" - 1/4"  
 Bitholder E6,3 x 2 1/2"  
 Adapter 1/4" SQ - 1/4" Hex  
**StrongBox** L: 9 1/2" W: 5 7/64" H: 2 9/32"

**497****ERGONIC Ratchet 1/4" in Blister****497****\$****EAN-Code**497 635 41    **46.25**    128    40 07157 **61481 0**



**Super strong ratcheting mechanism with fine toothing:  
575 lb/in (65 Nm) 60 teeth, 6° ratcheting angle**



**Direct fit for bits =  
extreme low operating height**

**Slightly angled handle makes work  
more comfortable and protects  
the fingers**



**Pocket size tool sets  
built for tough work in tight spaces**



**Ratchet forged in one piece  
from chrom-vanadium steel**

**Each component available  
individually**

**Practice oriented assortments  
stored in robust, splashproof  
mini StrongBox**

**Long lasting premium quality  
in every detail:  
Lifetime guarantee on every  
component**





## 057

| XS 11 Inch   | 11-pcs                   | Item No    | \$           |     | EAN-Code                |
|--|--------------------------|------------|--------------|-----|-------------------------|
|  | <b>Mini Ratchet 1/4"</b> | 057 711 56 | <b>89.51</b> | 410 | 40 07157 <b>62057 6</b> |
| <input checked="" type="checkbox"/> <b>Sockets</b> |                          |            |              |     |                         |
| 3/16"   7/32"   1/4"   9/32"   5/16"   3/8"   1/2" |                          |            |              |     |                         |
| <b>Extension [4"] 1/4" - 1/4"</b>                  |                          |            |              |     |                         |
| <b>Adapter E 6,3 - 1/4" [2"]</b>                   |                          |            |              |     |                         |
| <b>Adapter C 6,3 - 1/4" [1"]</b>                   |                          |            |              |     |                         |
| <b>StrongBox</b> L: 5,31" W: 2,95" H: 1,46"        |                          |            |              |     |                         |



## 057

| XS 18 Inch   | 18-pcs                   | Item No    | \$           |     | EAN-Code                |
|--|--------------------------|------------|--------------|-----|-------------------------|
|  | <b>Mini Ratchet 1/4"</b> | 057 718 56 | <b>92.14</b> | 420 | 40 07157 <b>62059 0</b> |
| <input checked="" type="checkbox"/> <b>Sockets</b> |                          |            |              |     |                         |
| 3/16"   7/32"   1/4"   9/32"   5/16"   3/8"   1/2" |                          |            |              |     |                         |
| <b>Bits (C6,3 x 25mm)</b>                          |                          |            |              |     |                         |
| 3/16"   7/32"   1/4"                               |                          |            |              |     |                         |
| PH1   PH2   PH3                                    |                          |            |              |     |                         |
| SQ2  |                          |            |              |     |                         |
| <b>Extension [2"] 1/4" - 1/4"</b>                  |                          |            |              |     |                         |
| <b>Adapter C 6,3 - 1/4" [1"]</b>                   |                          |            |              |     |                         |
| <b>Bitholder E6,3 x 2 1/4"</b>                     |                          |            |              |     |                         |
| <b>StrongBox</b> L: 5,31" W: 2,95" H: 1,46"        |                          |            |              |     |                         |

**057****XS 33 Inch 33-pcs****057****\$****g**EAN-Code **Item No**057 733 06   **85.18**    425    40 07157 **61545 9****Mini ratchet 1/4" hex****Adapter 1/4" hex to square drive (30mm)****Bitholder 58mm****(30 x ) Bits (C6,3 x 1")****1/8" | 3/16" | 1/4"**

Hex 2,0mm | 2,5mm | 3,0mm | 4,0mm | 5,0mm | 6,0mm | 8,0mm

PH0 | PH1 | PH2 | PH2 | PH3

PZ1 | PZ2 | PZ2 | PZ3

Torx 6 | Torx 7 | Torx 8 | Torx 9

Torx TR 10 | Torx TR 15 | Torx TR 20 | Torx TR 25 | Torx TR 27 | Torx TR 30 | Torx TR 40

**StrongBox:** L: 5,31" W: 2,95" H: 1,46"**122**

**057****057**

innovations?

\$

**30.78**

118

40 07157

**61569 5**

EAN-Code

**438****438**

innovations?

\$

**13.63**

32

40 07157

**61585 5**

EAN-Code

**389****389**

\$



389 800 01

**17.09**

100

40 07157

**61733 0**

EAN-Code

**123**



**2 component handle with pleasant soft grip material for highest torque**



**Professional quality & great versatility**

**felo smart**



**ergonomically refined design**

**replaces 48 single tools**

**blades made from high-quality bit-steels, exceeding the DIN/ISO requirements by up to 100%**

**anti-roll handle design**

**GS tested for safety**



**fitting the complete 1/4" range**

**black tip for precision fit**

**made in  
Germany**

**060****Felo-SMART Box - metric**(12 x) **Blade**

PH 1 – 5/32" Slotted | PH 2 – PH 3 | PZ 1 – 3/16" Slotted

PZ 2 – 1/4" Slotted | PZ 3 – 9/32" Slotted | 3 mm – 4 mm Hex

5 mm – 6 mm Hex | Torx 6 – Torx 7 | Torx 8 – Torx 9

Torx 10 – Torx 15 | Torx 20 – Torx 25 | Torx 30 – Torx 40

**Handle** 4 1/8" x 1 1/2"**StrongBox:** L: 9 1/2" W: 5 7/64" H: 2 9/32"**060****\$**EAN-Code **Item No**

060 913 06

**109.39**

1088

40 07157 **32094** 0**Felo-SMART Box - Inch**

060 913 16

**109.39**

1088

40 07157 **50630** 6(12 x) **Blade**

PH 1 – 5/32" Slotted | PH 2 – 1/4" Slotted

Hex 7/64" – 1/8" | 9/64" – 5/32" | 3/16" – 1/4"

Hex 3 mm – 4 mm | 5 mm – 6 mm

Torx 6 – Torx 7 | Torx 8 – Torx 9 | Torx 10 – Torx 15 | Torx 20 – Torx 25 | Torx 30 – Torx 40

**Handle:** 4 1/8" x 1 1/2"**StrongBox:** L: 9 1/2" W: 5 7/64" H: 2 9/32"

**060****Felo-SMART belt pouch**

[8 x]

**Blade**

PH 1 - 5/32" Slotted | PH 2 - 1/4" Slotted

PH 3 - 1/8" Slotted

Torx 6 - Torx 7 | Torx 8 - Torx 9 | Torx 20 - Torx 25 | Torx 30 - Torx 40

Torx TR10 - Torx TR15

**Handle** 4 1/8" x 1 1/2"**Nylon Pouch****060****\$**EAN-Code **Item No**

060 909 14

**90.67**

530

40 07157 **50624 5****069****069****\$**EAN-Code **Item No****Handle** 4 1/8" x 1 1/2"

069 205 00

**16.14**

108

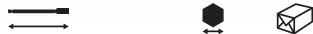
40 07157 **60427 9****389****389****\$**EAN-Code **Item No****Nylon Pouch**

389 900 00

**12.09**

50

40 07157 **50456 2****126**

**068**

|              |    |              | <b>068</b> | <b>\$</b>  | g            | EAN-Code | Item No                 |
|--------------|----|--------------|------------|------------|--------------|----------|-------------------------|
| <b>7/32"</b> | 6" | E 6,3   1/4" | 1          | 068 555 04 | <b>18.42</b> | 50       | 40 07157 <b>53195</b> 7 |
| <b>1/4"</b>  | 6" | E 6,3   1/4" | 1          | 068 635 04 | <b>18.42</b> | 50       | 40 07157 <b>53197</b> 1 |
| <b>9/32"</b> | 6" | E 6,3   1/4" | 1          | 068 714 04 | <b>18.42</b> | 50       | 40 07157 <b>53199</b> 5 |
| <b>5/16"</b> | 6" | E 6,3   1/4" | 1          | 068 793 04 | <b>18.42</b> | 53       | 40 07157 <b>53201</b> 5 |
| <b>3/8"</b>  | 6" | E 6,3   1/4" | 1          | 068 952 04 | <b>18.42</b> | 56       | 40 07157 <b>53203</b> 9 |
| <b>7/16"</b> | 6" | E 6,3   1/4" | 1          | 068 111 04 | <b>18.42</b> | 57       | 40 07157 <b>53205</b> 3 |
| <b>1/2"</b>  | 6" | E 6,3   1/4" | 1          | 068 127 04 | <b>18.42</b> | 68       | 40 07157 <b>53207</b> 7 |
| <b>9/16"</b> | 6" | E 6,3   1/4" | 1          | 068 142 04 | <b>18.42</b> | 82       | 40 07157 <b>53209</b> 1 |

**343**

|                   |    |         | <b>343</b> | <b>\$</b>  | g           | EAN-Code | Item No                 |
|-------------------|----|---------|------------|------------|-------------|----------|-------------------------|
| <b>1/4" + PH2</b> | 6" | Ø 0.24" | 12         | 343 260 04 | <b>4.31</b> | 44       | 40 07157 <b>57557</b> 9 |

Offset Screwdriver in pouch

**127**



062



|  |                          |        |      |   | \$         |             | EAN-Code | Item No                 |
|--|--------------------------|--------|------|---|------------|-------------|----------|-------------------------|
|  | <b>PH1 - 5/32"</b>       | 6 1/4" | 1/4" | 1 | 062 104 04 | <b>8.46</b> | 44       | 40 07157 <b>32116</b> 9 |
|  | <b>PH1 - 9/32"</b>       | 6 1/4" | 1/4" | 1 | 062 107 04 | <b>8.39</b> | 44       | 40 07157 <b>50312</b> 1 |
|  | <b>PH2 - PH3</b>         | 6 1/4" | 1/4" | 1 | 062 023 04 | <b>8.39</b> | 44       | 40 07157 <b>32118</b> 3 |
|  | <b>PH2 - 1/4"</b>        | 6 1/4" | 1/4" | 1 | 062 206 04 | <b>8.39</b> | 44       | 40 07157 <b>50310</b> 7 |
|  | <b>PH3 - 1/8"</b>        | 6 1/4" | 1/4" | 1 | 062 331 04 | <b>8.46</b> | 44       | 40 07157 <b>50626</b> 9 |
|  |                          |        |      |   |            |             |          |                         |
|  | <b>PZ1 - 3/16"</b>       | 6 1/4" | 1/4" | 1 | 061 105 04 | <b>8.39</b> | 44       | 40 07157 <b>32110</b> 7 |
|  | <b>PZ2 - 1/4"</b>        | 6 1/4" | 1/4" | 1 | 061 206 04 | <b>8.39</b> | 44       | 40 07157 <b>32112</b> 1 |
|  | <b>PZ3 - 9/32"</b>       | 6 1/4" | 1/4" | 1 | 061 307 04 | <b>8.39</b> | 44       | 40 07157 <b>32114</b> 5 |
|  |                          |        |      |   |            |             |          |                         |
|  | <b>Hex 3 mm - 4 mm</b>   | 6 1/4" | 1/4" | 1 | 064 034 04 | <b>8.46</b> | 44       | 40 07157 <b>32106</b> 0 |
|  | <b>Hex 5 mm - 6 mm</b>   | 6 1/4" | 1/4" | 1 | 064 056 04 | <b>8.46</b> | 44       | 40 07157 <b>32130</b> 5 |
|  | <b>7/64" - 1/8" Hex</b>  | 6 1/4" | 1/4" | 1 | 062 278 04 | <b>8.46</b> | 44       | 40 07157 <b>50634</b> 4 |
|  | <b>9/64" - 5/32" Hex</b> | 6 1/4" | 1/4" | 1 | 062 357 04 | <b>8.46</b> | 44       | 40 07157 <b>50636</b> 8 |
|  | <b>3/16" - 1/4" Hex</b>  | 6 1/4" | 1/4" | 1 | 064 476 04 | <b>8.46</b> | 44       | 40 07157 <b>50638</b> 2 |
|  |                          |        |      |   |            |             |          |                         |
|  | <b>Torx 6 - Torx 7</b>   | 6 1/4" | 1/4" | 1 | 066 067 04 | <b>8.46</b> | 44       | 40 07157 <b>32096</b> 4 |
|  | <b>Torx 8 - Torx 9</b>   | 6 1/4" | 1/4" | 1 | 066 089 04 | <b>8.46</b> | 44       | 40 07157 <b>32098</b> 8 |
|  | <b>Torx 10 - Torx 15</b> | 6 1/4" | 1/4" | 1 | 066 115 04 | <b>8.46</b> | 44       | 40 07157 <b>32100</b> 8 |
|  | <b>Torx 20 - Torx 25</b> | 6 1/4" | 1/4" | 1 | 066 225 04 | <b>8.46</b> | 44       | 40 07157 <b>32102</b> 2 |
|  | <b>Torx 27 - Torx 27</b> | 6 1/4" | 1/4" | 1 | 066 270 00 | <b>9.04</b> | 44       | 40 07157 <b>53595</b> 5 |
|  | <b>Torx 30 - Torx 40</b> | 6 1/4" | 1/4" | 1 | 066 340 04 | <b>8.46</b> | 44       | 40 07157 <b>32104</b> 6 |
|  |                          |        |      |   |            |             |          |                         |
|  | <b>TX10TR - TX15TR</b>   | 6 1/4" | 1/4" | 1 | 067 115 04 | <b>9.97</b> | 44       | 40 07157 <b>32120</b> 6 |
|  | <b>TX20TR - TX25TR</b>   | 6 1/4" | 1/4" | 1 | 067 225 04 | <b>9.97</b> | 44       | 40 07157 <b>32122</b> 0 |
|  | <b>TX30TR - TX40TR</b>   | 6 1/4" | 1/4" | 1 | 067 340 04 | <b>9.97</b> | 44       | 40 07157 <b>32124</b> 4 |
|  |                          |        |      |   |            |             |          |                         |
|  | <b>SQ 0 - SQ 1</b>       | 6 1/4" | 1/4" | 1 | 065 001 04 | <b>9.97</b> | 44       | 40 07157 <b>50346</b> 6 |
|  | <b>SQ 2 - SQ 3</b>       | 6 1/4" | 1/4" | 1 | 065 023 04 | <b>9.97</b> | 44       | 40 07157 <b>50348</b> 0 |
|  |                          |        |      |   |            |             |          |                         |
|  | <b>XZN M6 - XZN M5</b>   | 6 1/4" | 1/4" | 1 | 068 065 04 | <b>9.97</b> | 44       | 40 07157 <b>50344</b> 2 |

097



|  |                |    |              |   | 097        | \$          |    | EAN-Code                | Item No |
|--|----------------|----|--------------|---|------------|-------------|----|-------------------------|---------|
|  | <b>Adapter</b> | 6" | E 6,3   1/4" | 1 | 097 150 14 | <b>9.97</b> | 58 | 40 07157 <b>32128</b> 2 |         |

128

**12 interchangeable IEC screwdriver blades with 2-component handle in sturdy smart box**

**every screwdriver individually tested to 10.000 Volts, fully conforming to IEC 60900**

The first compact smart tool for electricians.  
**Esmart** (pat.)



**AC 1000V  
IEC 60900 : 2012**



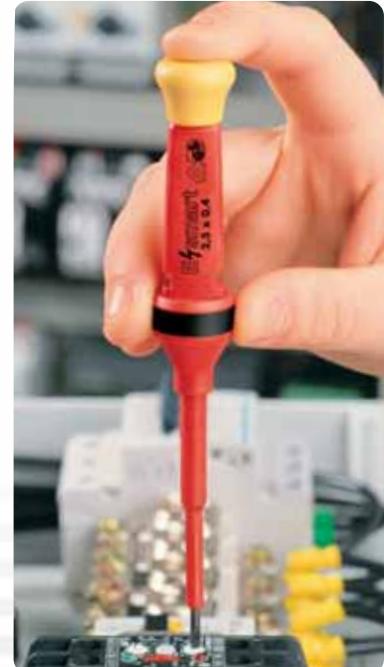
**secure fit of blades, quick-release button on handle against unwanted extraction**



**precision cap and soft-grip zone on blades for low torque application**



**made in Germany**



**129**



looking for  
innovations?

AC 1000V

IEC 60900 : 2012



**063**



**Felo E-SMART Box**

(12 x) **Blade**

Slotted 3/32" | 1/8" | 9/64" | 5/32" | 7/32" | 1/4"

PH 1 | PH 2 | PZ 2 | Torx 10 | Torx 15 | Torx 20

**Handle:** 3.74" x 1.26"

**Precision Cap**

**StrongBox:** L: 9 1/2" W: 5 7/64" H: 2 9/32"

**063**

**\$**

**g**

EAN-Code **Item No**

063 913 06

**85.04**

830

40 07157 **51719 7**

**dto. in blister**

063 913 01

**86.33**

965

40 07157 **53077 6**

**Felo E-SMART Box SQ2**

(12 x) **Blade**

Slotted 3/32" | 1/8" | 9/64" | 5/32" | 7/32" | 1/4"

PH 1 | PH 2 | SQ 2 | Torx 10 | Torx 15 | Torx 20

**Handle** 3.74" x 1.26"

**Precision Cap**

**StrongBox:** L: 9 1/2" W: 5 7/64" H: 2 9/32"

063 913 26

**85.04**

830

40 07157 **53439 2**

**dto. in blister**

063 913 21

**86.33**

965

40 07157 **53447 7**



**063**

**Handle** 3.74" x 1.26"

**063**

**\$**

**g**

EAN-Code **Item No**

063 105 00

**17.94**

42

40 07157 **51749 4**

**130**

**063**AC 1000V  
IEC 60900 : 2012

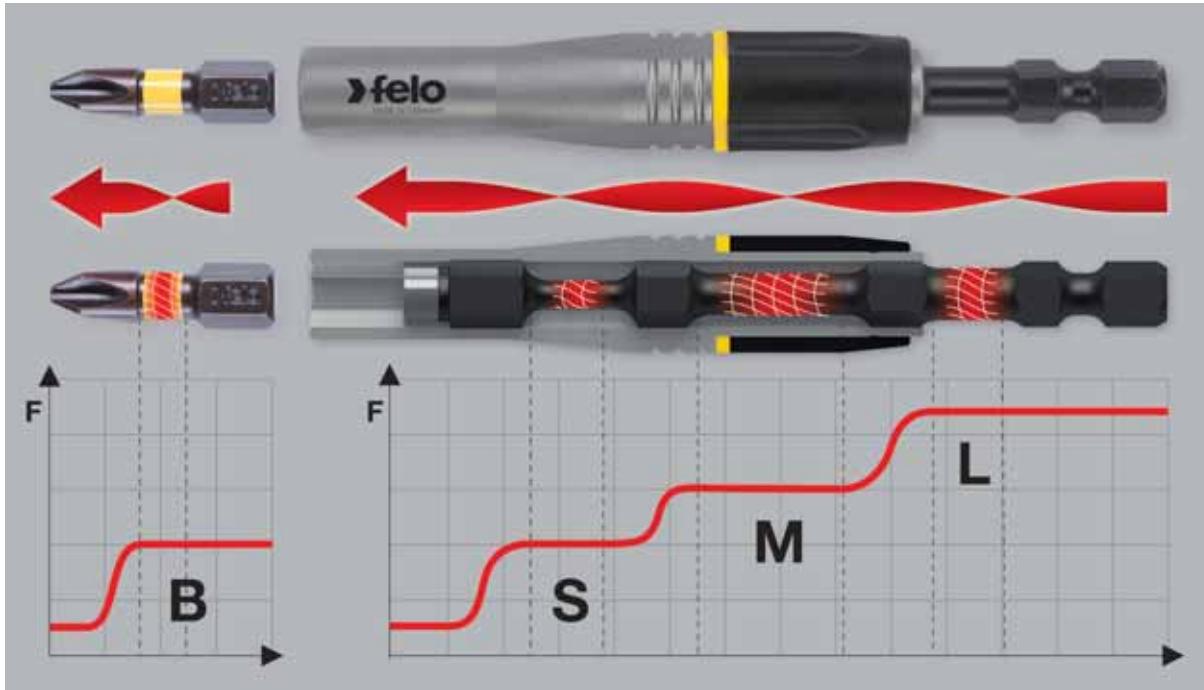
|   |                |        | <b>063</b> | <b>\$</b>  |              | EAN-Code | Item No                 |
|---|----------------|--------|------------|------------|--------------|----------|-------------------------|
| ● | 3/32"          | 3"     | 1          | 063 025 04 | <b>8.04</b>  | 44       | 40 07157 <b>51721</b> 0 |
| ● | 1/8"           | 4"     | 1          | 063 030 04 | <b>8.04</b>  | 44       | 40 07157 <b>51723</b> 4 |
| ● | 9/64"          | 4"     | 1          | 063 035 04 | <b>8.04</b>  | 44       | 40 07157 <b>51725</b> 8 |
| ● | 5/32"          | 4"     | 1          | 063 040 04 | <b>8.04</b>  | 44       | 40 07157 <b>51727</b> 2 |
| ● | 7/32"          | 4"     | 1          | 063 055 04 | <b>8.04</b>  | 44       | 40 07157 <b>51729</b> 6 |
| ● | 1/4"           | 4"     | 1          | 063 065 04 | <b>8.04</b>  | 44       | 40 07157 <b>51731</b> 9 |
| ● | <b>PH 1</b>    | 3 1/8" | 1          | 063 102 04 | <b>8.04</b>  | 44       | 40 07157 <b>51733</b> 3 |
| ● | <b>PH 2</b>    | 4"     | 1          | 063 203 04 | <b>8.04</b>  | 44       | 40 07157 <b>51735</b> 7 |
| ● | <b>PZ 1</b>    | 3 1/8" | 1          | 063 102 14 | <b>8.04</b>  | 44       | 40 07157 <b>51737</b> 1 |
| ● | <b>PZ 2</b>    | 4"     | 1          | 063 203 14 | <b>8.04</b>  | 44       | 40 07157 <b>51739</b> 5 |
| ● | <b>Torx 8</b>  | 4"     | 1          | 063 083 04 | <b>8.04</b>  | 44       | 40 07157 <b>51741</b> 8 |
| ● | <b>Torx 10</b> | 4"     | 1          | 063 103 04 | <b>8.04</b>  | 44       | 40 07157 <b>51743</b> 2 |
| ● | <b>Torx 15</b> | 4"     | 1          | 063 153 04 | <b>8.04</b>  | 44       | 40 07157 <b>51745</b> 6 |
| ● | <b>Torx 20</b> | 4"     | 1          | 063 203 24 | <b>8.04</b>  | 44       | 40 07157 <b>51747</b> 0 |
| □ | <b>SQ 0</b>    | 4"     | 1          | 063 000 04 | <b>10.39</b> | 44       | 40 07157 <b>53089</b> 9 |
| □ | <b>SQ 1</b>    | 4"     | 1          | 063 100 04 | <b>10.39</b> | 44       | 40 07157 <b>53091</b> 2 |
| □ | <b>SQ 2</b>    | 4"     | 1          | 063 200 04 | <b>10.39</b> | 44       | 40 07157 <b>53093</b> 6 |
| □ | <b>SQ 3</b>    | 4"     | 1          | 063 300 04 | <b>10.39</b> | 44       | 40 07157 <b>53095</b> 0 |





with unique absorption cascade for best protection  
and longest lifetime at the toughest loads!

## 4 Impact



## 4 Impact

- S-M-L absorption cascade for a wide torque range (e.g. PH1 - PH3).
- Synchronized torsion-zones are sequentially triggered at increasing torque impulses and absorb torque peaks.
- Additional 4th absorption step when used with Felo Impact bits.
- Specially developed to be used with tangential impact drivers.

**New!****038  
E 6,3****Bitholder IMPACT 1/4" on Card**3 3/4" E 6,3 038 295 94 **26.86** 43 40 07157 **63077** 3

|  |  |  |  | <b>038</b> | <b>\$</b> |  | EAN-Code | Item No |
|--|--|--|--|------------|-----------|--|----------|---------|
|--|--|--|--|------------|-----------|--|----------|---------|

**New!****022  
C 6,3**

|  | <b>PH</b> |    |       |      | <b>022</b> | <b>\$</b>  |             | EAN-Code | Item No                 |
|--|-----------|----|-------|------|------------|------------|-------------|----------|-------------------------|
|  | <b>1</b>  | 1" | C 6,3 | 1/4" | 5          | 022 010 40 | <b>3.83</b> | 4        | 40 07157 <b>62933</b> 3 |
|  | <b>2</b>  | 1" | C 6,3 | 1/4" | 5          | 022 020 40 | <b>3.83</b> | 4        | 40 07157 <b>62935</b> 7 |
|  | <b>3</b>  | 1" | C 6,3 | 1/4" | 5          | 022 030 40 | <b>3.98</b> | 5        | 40 07157 <b>62937</b> 1 |

**New!****026  
C 6,3**

|  | <b>IMPACT<br/>Torx</b> |    |       |      | <b>026</b> | <b>\$</b>  |             | EAN-Code | Item No                 |
|--|------------------------|----|-------|------|------------|------------|-------------|----------|-------------------------|
|  | <b>10</b>              | 1" | C 6,3 | 1/4" | 5          | 026 100 40 | <b>4.50</b> | 4        | 40 07157 <b>62945</b> 6 |
|  | <b>15</b>              | 1" | C 6,3 | 1/4" | 5          | 026 150 40 | <b>4.50</b> | 4        | 40 07157 <b>62947</b> 0 |
|  | <b>20</b>              | 1" | C 6,3 | 1/4" | 5          | 026 200 40 | <b>4.50</b> | 4        | 40 07157 <b>62949</b> 4 |
|  | <b>25</b>              | 1" | C 6,3 | 1/4" | 5          | 026 250 40 | <b>4.50</b> | 4        | 40 07157 <b>62951</b> 7 |
|  | <b>30</b>              | 1" | C 6,3 | 1/4" | 5          | 026 300 40 | <b>4.71</b> | 5        | 40 07157 <b>62953</b> 1 |
|  | <b>40</b>              | 1" | C 6,3 | 1/4" | 5          | 026 400 40 | <b>4.71</b> | 5        | 40 07157 <b>62955</b> 5 |

**New!****032  
E 6,3**

|  | <b>IMPACT<br/>PH</b> |    |       |      | <b>032</b> | <b>\$</b>  |             | EAN-Code | Item No                 |
|--|----------------------|----|-------|------|------------|------------|-------------|----------|-------------------------|
|  | <b>1</b>             | 2" | E 6,3 | 1/4" | 5          | 032 015 40 | <b>6.05</b> | 8        | 40 07157 <b>62957</b> 9 |
|  | <b>2</b>             | 2" | E 6,3 | 1/4" | 5          | 032 025 40 | <b>6.05</b> | 8        | 40 07157 <b>62959</b> 3 |
|  | <b>3</b>             | 2" | E 6,3 | 1/4" | 5          | 032 035 40 | <b>6.42</b> | 9        | 40 07157 <b>62961</b> 6 |

**New!****036  
E 6,3**

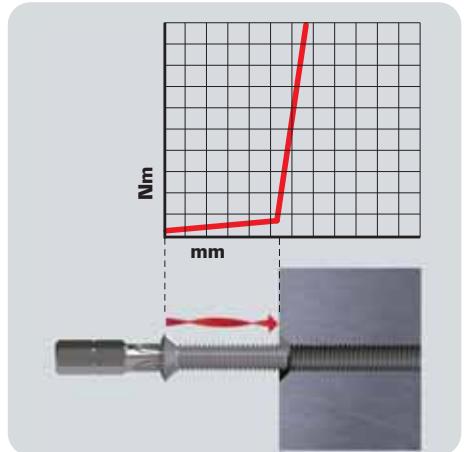
|  | <b>IMPACT<br/>Torx</b> |    |       |      | <b>036</b> | <b>\$</b>  |             | EAN-Code | Item No                 |
|--|------------------------|----|-------|------|------------|------------|-------------|----------|-------------------------|
|  | <b>10</b>              | 2" | E 6,3 | 1/4" | 5          | 036 105 40 | <b>7.25</b> | 8        | 40 07157 <b>62969</b> 2 |
|  | <b>15</b>              | 2" | E 6,3 | 1/4" | 5          | 036 155 40 | <b>6.05</b> | 8        | 40 07157 <b>62971</b> 5 |
|  | <b>20</b>              | 2" | E 6,3 | 1/4" | 5          | 036 205 40 | <b>7.25</b> | 8        | 40 07157 <b>62973</b> 9 |
|  | <b>25</b>              | 2" | E 6,3 | 1/4" | 5          | 036 255 40 | <b>7.25</b> | 8        | 40 07157 <b>62975</b> 3 |
|  | <b>30</b>              | 2" | E 6,3 | 1/4" | 5          | 036 305 40 | <b>7.61</b> | 9        | 40 07157 <b>62977</b> 7 |
|  | <b>40</b>              | 2" | E 6,3 | 1/4" | 5          | 036 405 40 | <b>7.61</b> | 9        | 40 07157 <b>62979</b> 1 |



- selected high performance steels • optimized geometry • customized production

## **TORSION**

The high performance bit • absorbs torque peaks  
• substantially extends tool life • reduces contact pressure



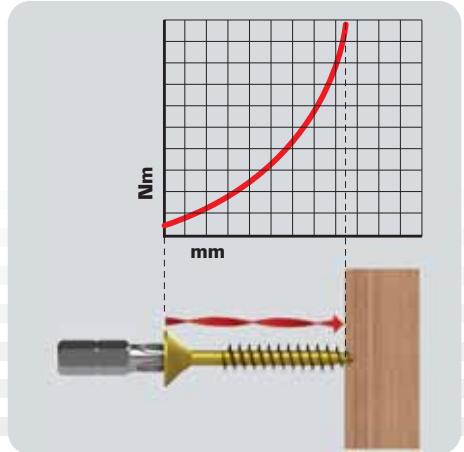
### Hard screw joint

#### Problem:

The sudden torque peak occurring when the screw head hits the surface of the work piece can damage screw and bit.

#### Solution:

Felo TORSION bits absorb torque peaks and effectively prevent damage.



### Soft screw joint

e.g. fastening screws into wood, with torque steadily increasing along the way.

#### Extra advantage:

Especially wear-resistant profiles increase life span of the bits.

**New!****022****C 6,3**

|  | TORSION PH | 1" | 6,3   | 1/4" | 5 | 022        | \$          | 4 | EAN-Code | Item No        |
|--|------------|----|-------|------|---|------------|-------------|---|----------|----------------|
|  | <b>1</b>   | 1" | C 6,3 | 1/4" | 5 | 022 010 00 | <b>1.29</b> | 4 | 40 07157 | <b>62867 1</b> |
|  | <b>2</b>   | 1" | C 6,3 | 1/4" | 5 | 022 020 00 | <b>1.29</b> | 4 | 40 07157 | <b>62869 5</b> |
|  | <b>3</b>   | 1" | C 6,3 | 1/4" | 5 | 022 030 00 | <b>1.40</b> | 5 | 40 07157 | <b>62871 8</b> |

**New!****026****C 6,3**

|  | TORSION Tork | 1" | 6,3   | 1/4" | 5 | 026        | \$          | 4 | EAN-Code | Item No        |
|--|--------------|----|-------|------|---|------------|-------------|---|----------|----------------|
|  | <b>10</b>    | 1" | C 6,3 | 1/4" | 5 | 026 100 00 | <b>2.38</b> | 4 | 40 07157 | <b>62879 4</b> |
|  | <b>15</b>    | 1" | C 6,3 | 1/4" | 5 | 026 150 00 | <b>2.38</b> | 4 | 40 07157 | <b>62881 7</b> |
|  | <b>20</b>    | 1" | C 6,3 | 1/4" | 5 | 026 200 00 | <b>2.38</b> | 4 | 40 07157 | <b>62883 1</b> |
|  | <b>25</b>    | 1" | C 6,3 | 1/4" | 5 | 026 250 00 | <b>2.38</b> | 4 | 40 07157 | <b>62885 5</b> |
|  | <b>30</b>    | 1" | C 6,3 | 1/4" | 5 | 026 300 00 | <b>2.48</b> | 5 | 40 07157 | <b>62887 9</b> |
|  | <b>40</b>    | 1" | C 6,3 | 1/4" | 5 | 026 400 00 | <b>2.48</b> | 5 | 40 07157 | <b>62889 3</b> |

**New!****021****E 6,3**

|  | TORSION PZ | 2" | 6,3   | 1/4" | 5 | 031        | \$          | 8 | EAN-Code | Item No        |
|--|------------|----|-------|------|---|------------|-------------|---|----------|----------------|
|  | <b>1</b>   | 2" | E 6,3 | 1/4" | 5 | 031 015 00 | <b>4.04</b> | 8 | 40 07157 | <b>62903 6</b> |
|  | <b>2</b>   | 2" | E 6,3 | 1/4" | 5 | 031 025 00 | <b>4.04</b> | 8 | 40 07157 | <b>62905 0</b> |
|  | <b>3</b>   | 2" | E 6,3 | 1/4" | 5 | 031 035 00 | <b>4.30</b> | 9 | 40 07157 | <b>62907 4</b> |

**New!****022****E 6,3**

|  | TORSION PH | 2" | 6,3   | 1/4" | 5 | 032        | \$          | 8 | EAN-Code | Item No        |
|--|------------|----|-------|------|---|------------|-------------|---|----------|----------------|
|  | <b>1</b>   | 2" | E 6,3 | 1/4" | 5 | 032 015 00 | <b>4.04</b> | 8 | 40 07157 | <b>62891 6</b> |
|  | <b>2</b>   | 2" | E 6,3 | 1/4" | 5 | 032 025 00 | <b>4.04</b> | 8 | 40 07157 | <b>62893 0</b> |
|  | <b>3</b>   | 2" | E 6,3 | 1/4" | 5 | 032 035 00 | <b>4.30</b> | 9 | 40 07157 | <b>62895 4</b> |





**Bits Challenger** made in **Germany**



Diamond  
coated



## 020 C 6,3



|              |    |       |      | 020 | \$         |             | EAN-Code | Item No                 |
|--------------|----|-------|------|-----|------------|-------------|----------|-------------------------|
| <b>3/16"</b> | 1" | C 6,3 | 1/4" | 10  | 020 400 80 | <b>5.59</b> | 5        | 40 07157 <b>50647</b> 4 |
| <b>7/32"</b> | 1" | C 6,3 | 1/4" | 10  | 020 520 80 | <b>5.59</b> | 5        | 40 07157 <b>50649</b> 8 |
| <b>1/4"</b>  | 1" | C 6,3 | 1/4" | 10  | 020 610 80 | <b>5.59</b> | 5        | 40 07157 <b>50651</b> 1 |
| <b>5/16"</b> | 1" | C 6,3 | 1/4" | 10  | 020 800 80 | <b>5.59</b> | 6        | 40 07157 <b>50653</b> 5 |

## 022 C 6,3



|          |    |       |      | 022 | \$         |             | EAN-Code | Item No                 |
|----------|----|-------|------|-----|------------|-------------|----------|-------------------------|
| <b>1</b> | 1" | C 6,3 | 1/4" | 10  | 022 010 80 | <b>4.69</b> | 5        | 40 07157 <b>50655</b> 9 |
| <b>2</b> | 1" | C 6,3 | 1/4" | 10  | 022 020 80 | <b>4.69</b> | 5        | 40 07157 <b>50657</b> 3 |
| <b>3</b> | 1" | C 6,3 | 1/4" | 10  | 022 030 80 | <b>4.69</b> | 6        | 40 07157 <b>50659</b> 7 |

## 032 E 6,3



|          |    |       |      | 032 | \$         |             | EAN-Code | Item No                 |
|----------|----|-------|------|-----|------------|-------------|----------|-------------------------|
| <b>1</b> | 2" | E 6,3 | 1/4" | 10  | 032 015 80 | <b>7.03</b> | 8        | 40 07157 <b>50679</b> 5 |
| <b>2</b> | 2" | E 6,3 | 1/4" | 10  | 032 025 80 | <b>7.03</b> | 11       | 40 07157 <b>50681</b> 8 |
| <b>3</b> | 2" | E 6,3 | 1/4" | 10  | 032 035 80 | <b>7.03</b> | 13       | 40 07157 <b>50683</b> 2 |

**Bits TiN Plus****made in  
Germany**

TiN (>90 HRC)  
**SX 75** (>60 HRC)



## **020 C 6,3 TiN**



|  |              |    |       |      | <b>020</b> | <b>\$</b>  |             | EAN-Code | Item No                 |
|--|--------------|----|-------|------|------------|------------|-------------|----------|-------------------------|
|  | <b>3/16"</b> | 1" | C 6,3 | 1/4" | 10         | 020 500 70 | <b>1.60</b> | 5        | 40 07157 <b>30907</b> 5 |
|  | <b>7/32"</b> | 1" | C 6,3 | 1/4" | 10         | 020 520 70 | <b>1.45</b> | 5        | 40 07157 <b>30911</b> 2 |
|  | <b>1/4"</b>  | 1" | C 6,3 | 1/4" | 10         | 020 610 70 | <b>1.39</b> | 6        | 40 07157 <b>30916</b> 7 |
|  | <b>5/16"</b> | 1" | C 6,3 | 1/4" | 10         | 020 800 70 | <b>1.93</b> | 7        | 40 07157 <b>30921</b> 1 |

## **022 C 6,3 TiN**



|  |          |    |       |      | <b>022</b> | <b>\$</b>  |             | EAN-Code | Item No                 |
|--|----------|----|-------|------|------------|------------|-------------|----------|-------------------------|
|  | <b>1</b> | 1" | C 6,3 | 1/4" | 10         | 022 010 70 | <b>1.24</b> | 5        | 40 07157 <b>10316</b> 1 |
|  | <b>2</b> | 1" | C 6,3 | 1/4" | 10         | 022 020 70 | <b>1.24</b> | 5        | 40 07157 <b>10317</b> 8 |
|  | <b>3</b> | 1" | C 6,3 | 1/4" | 10         | 022 030 70 | <b>1.24</b> | 5        | 40 07157 <b>10318</b> 5 |

## **026 C 6,3 TiN**



|  |           |    |       |      | <b>026</b> | <b>\$</b>  |             | EAN-Code | Item No                 |
|--|-----------|----|-------|------|------------|------------|-------------|----------|-------------------------|
|  | <b>6</b>  | 1" | C 6,3 | 1/4" | 10         | 026 060 70 | <b>3.01</b> | 5        | 40 07157 <b>50212</b> 4 |
|  | <b>7</b>  | 1" | C 6,3 | 1/4" | 10         | 026 070 70 | <b>3.01</b> | 5        | 40 07157 <b>50214</b> 8 |
|  | <b>8</b>  | 1" | C 6,3 | 1/4" | 10         | 026 080 70 | <b>2.96</b> | 5        | 40 07157 <b>50216</b> 2 |
|  | <b>9</b>  | 1" | C 6,3 | 1/4" | 10         | 026 090 70 | <b>2.96</b> | 5        | 40 07157 <b>50218</b> 6 |
|  | <b>10</b> | 1" | C 6,3 | 1/4" | 10         | 026 100 70 | <b>2.48</b> | 6        | 40 07157 <b>50220</b> 9 |
|  | <b>15</b> | 1" | C 6,3 | 1/4" | 10         | 026 150 70 | <b>2.36</b> | 6        | 40 07157 <b>50222</b> 3 |
|  | <b>20</b> | 1" | C 6,3 | 1/4" | 10         | 026 200 70 | <b>2.25</b> | 6        | 40 07157 <b>50224</b> 7 |
|  | <b>25</b> | 1" | C 6,3 | 1/4" | 10         | 026 250 70 | <b>2.25</b> | 7        | 40 07157 <b>50226</b> 1 |
|  | <b>27</b> | 1" | C 6,3 | 1/4" | 10         | 026 270 70 | <b>2.25</b> | 7        | 40 07157 <b>50228</b> 5 |
|  | <b>30</b> | 1" | C 6,3 | 1/4" | 10         | 026 300 70 | <b>2.25</b> | 7        | 40 07157 <b>50230</b> 8 |
|  | <b>40</b> | 1" | C 6,3 | 1/4" | 10         | 026 400 70 | <b>2.25</b> | 8        | 40 07157 <b>50232</b> 2 |
|  | <b>45</b> | 1" | C 6,3 | 1/4" | 10         | 026 450 70 | <b>3.84</b> | 9        | 40 07157 <b>50234</b> 6 |


**030  
E 6,3  
TiN**


|              |    |       |      |    | <b>030</b> | <b>\$</b>   |    | EAN-Code | Item No        |
|--------------|----|-------|------|----|------------|-------------|----|----------|----------------|
|              |    |       |      |    |            |             |    |          |                |
| <b>3/16"</b> | 2" | E 6,3 | 1/4" | 10 | 030 505 70 | <b>3.43</b> | 9  | 40 07157 | <b>30780</b> 4 |
| <b>7/32"</b> | 2" | E 6,3 | 1/4" | 10 | 030 525 70 | <b>3.43</b> | 10 | 40 07157 | <b>30785</b> 9 |
| <b>1/4"</b>  | 2" | E 6,3 | 1/4" | 10 | 030 615 70 | <b>3.43</b> | 12 | 40 07157 | <b>30792</b> 7 |
| <b>5/16"</b> | 2" | E 6,3 | 1/4" | 10 | 030 805 70 | <b>3.73</b> | 14 | 40 07157 | <b>30798</b> 9 |

**032  
E 6,3  
TiN**


|          |    |       |      |    | <b>032</b> | <b>\$</b>   |    | EAN-Code | Item No        |
|----------|----|-------|------|----|------------|-------------|----|----------|----------------|
|          |    |       |      |    |            |             |    |          |                |
| <b>1</b> | 2" | E 6,3 | 1/4" | 10 | 032 015 70 | <b>3.31</b> | 8  | 40 07157 | <b>30818</b> 4 |
| <b>2</b> | 2" | E 6,3 | 1/4" | 10 | 032 025 70 | <b>3.31</b> | 11 | 40 07157 | <b>30824</b> 5 |
| <b>3</b> | 2" | E 6,3 | 1/4" | 10 | 032 035 70 | <b>3.90</b> | 13 | 40 07157 | <b>30831</b> 3 |

**036  
E 6,3  
TiN**


|           |    |       |      |    | <b>036</b> | <b>\$</b>   |    | EAN-Code | Item No        |
|-----------|----|-------|------|----|------------|-------------|----|----------|----------------|
|           |    |       |      |    |            |             |    |          |                |
| <b>10</b> | 2" | E 6,3 | 1/4" | 10 | 036 105 70 | <b>4.72</b> | 8  | 4007157  | <b>32372</b> 9 |
| <b>15</b> | 2" | E 6,3 | 1/4" | 10 | 036 155 70 | <b>4.62</b> | 9  | 4007157  | <b>32374</b> 3 |
| <b>20</b> | 2" | E 6,3 | 1/4" | 10 | 036 205 70 | <b>4.54</b> | 9  | 4007157  | <b>32376</b> 7 |
| <b>25</b> | 2" | E 6,3 | 1/4" | 10 | 036 255 70 | <b>4.54</b> | 9  | 4007157  | <b>32378</b> 1 |
| <b>30</b> | 2" | E 6,3 | 1/4" | 10 | 036 305 70 | <b>4.49</b> | 11 | 4007157  | <b>32380</b> 4 |
| <b>40</b> | 2" | E 6,3 | 1/4" | 10 | 036 405 70 | <b>4.49</b> | 12 | 4007157  | <b>32382</b> 8 |



Bits Industrial


 made in  
Germany

**020**  
**C 6,3**


|                       |    |       |      |    | 020        | \$          | g | EAN-Code | Item No        |
|-----------------------|----|-------|------|----|------------|-------------|---|----------|----------------|
|                       |    |       |      |    | 020 210 10 | <b>1.04</b> | 4 | 40 07157 | <b>24037</b> 8 |
| <b>5/32"</b>          | 1" | C 6,3 | 1/4" | 10 | 020 300 10 | <b>1.26</b> | 4 | 40 07157 | <b>30066</b> 9 |
| <b>1/8"</b>           | 1" | C 6,3 | 1/4" | 10 | 020 310 10 | <b>0.90</b> | 4 | 40 07157 | <b>30070</b> 6 |
| <b>9/64"</b>          | 1" | C 6,3 | 1/4" | 10 | 020 400 10 | <b>0.90</b> | 4 | 40 07157 | <b>30904</b> 4 |
| <b>5/32"</b>          | 1" | C 6,3 | 1/4" | 10 | 020 410 10 | <b>0.91</b> | 4 | 40 07157 | <b>30079</b> 9 |
| <b>3/16" x 0.06"</b>  | 1" | C 6,3 | 1/4" | 10 | 020 500 10 | <b>0.91</b> | 5 | 40 07157 | <b>30089</b> 8 |
| <b>7/32" x 0.031"</b> | 1" | C 6,3 | 1/4" | 10 | 020 510 10 | <b>0.91</b> | 5 | 40 07157 | <b>30097</b> 3 |
| <b>7/32" x 0.039"</b> | 1" | C 6,3 | 1/4" | 10 | 020 520 10 | <b>0.91</b> | 5 | 40 07157 | <b>30105</b> 5 |
| <b>1/4" x 0.039"</b>  | 1" | C 6,3 | 1/4" | 10 | 020 600 10 | <b>0.91</b> | 6 | 40 07157 | <b>30112</b> 3 |
| <b>1/4" x 0.047"</b>  | 1" | C 6,3 | 1/4" | 10 | 020 610 10 | <b>0.91</b> | 6 | 40 07157 | <b>30119</b> 2 |
| <b>5/16"</b>          | 1" | C 6,3 | 1/4" | 10 | 020 800 10 | <b>1.26</b> | 7 | 40 07157 | <b>30918</b> 1 |

**021**  
**C 6,3**


|  |  |  |  |  | 021        | \$          | g | EAN-Code | Item No        |
|--|--|--|--|--|------------|-------------|---|----------|----------------|
|  |  |  |  |  | 021 020 10 | <b>0.70</b> | 5 | 40 07157 | <b>30169</b> 7 |

**022**  
**C 6,3**


|                |        |       |      |    | 022        | \$           | g   | EAN-Code | Item No        |
|----------------|--------|-------|------|----|------------|--------------|-----|----------|----------------|
|                |        |       |      |    | 022 000 10 | <b>0.93</b>  | 5   | 40 07157 | <b>30937</b> 2 |
| <b>0</b>       | 1"     | C 6,3 | 1/4" | 10 | 022 010 10 | <b>0.62</b>  | 5   | 40 07157 | <b>30193</b> 2 |
| <b>1</b>       | 1"     | C 6,3 | 1/4" | 10 | 022 010 17 | <b>59.06</b> | 500 | 40 07157 | <b>30940</b> 2 |
| <b>1 (100)</b> | 1"     | C 6,3 | 1/4" | 1  | 022 020 10 | <b>0.62</b>  | 5   | 40 07157 | <b>30205</b> 2 |
| <b>2</b>       | 1"     | C 6,3 | 1/4" | 10 | 022 020 17 | <b>59.06</b> | 500 | 40 07157 | <b>30943</b> 3 |
| <b>2 (100)</b> | 1"     | C 6,3 | 1/4" | 1  | 022 030 10 | <b>0.62</b>  | 6   | 40 07157 | <b>30218</b> 2 |
| <b>3</b>       | 1"     | C 6,3 | 1/4" | 10 | 022 030 17 | <b>59.06</b> | 600 | 40 07157 | <b>31351</b> 5 |
| <b>3 (100)</b> | 1"     | C 6,3 | 1/4" | 1  | 022 042 10 | <b>2.70</b>  | 12  | 40 07157 | <b>30229</b> 8 |
| <b>4</b>       | 1 1/4" | C 6,3 | 1/4" | 10 |            |              |     |          |                |

New!  
**022**  
**C 6,3**


|          |    |       |      |    | 022        | \$          | g | EAN-Code | Item No        |
|----------|----|-------|------|----|------------|-------------|---|----------|----------------|
|          |    |       |      |    | 022 015 10 | <b>1.86</b> | 5 | 40 07157 | <b>53053</b> 0 |
| <b>1</b> | 2" | C 6,3 | 1/4" | 10 | 022 025 10 | <b>1.86</b> | 5 | 40 07157 | <b>30216</b> 8 |
| <b>2</b> | 2" | C 6,3 | 1/4" | 10 | 022 035 10 | <b>1.86</b> | 6 | 40 07157 | <b>30227</b> 4 |


**025  
C 6,3**


| SQ | ↔  | hex   | box  | 025 | \$         | canister    | EAN-Code | Item No                 |
|----|----|-------|------|-----|------------|-------------|----------|-------------------------|
| 0  | 1" | C 6,3 | 1/4" | 10  | 025 000 10 | <b>1.81</b> | 5        | 40 07157 <b>50350</b> 3 |
| 1  | 1" | C 6,3 | 1/4" | 10  | 025 100 10 | <b>1.73</b> | 5        | 40 07157 <b>50352</b> 7 |
| 2  | 1" | C 6,3 | 1/4" | 10  | 025 200 10 | <b>1.55</b> | 5        | 40 07157 <b>50354</b> 1 |
| 3  | 1" | C 6,3 | 1/4" | 10  | 025 300 10 | <b>1.55</b> | 5        | 40 07157 <b>50356</b> 5 |

**026  
C 6,3**


| Torx | ↔  | hex   | box  | 026 | \$         | canister    | EAN-Code | Item No                 |
|------|----|-------|------|-----|------------|-------------|----------|-------------------------|
| 5    | 1" | C 6,3 | 1/4" | 10  | 026 050 10 | <b>1.46</b> | 4        | 40 07157 <b>50779</b> 2 |
| 6    | 1" | C 6,3 | 1/4" | 10  | 026 060 10 | <b>1.46</b> | 4        | 40 07157 <b>30953</b> 2 |
| 7    | 1" | C 6,3 | 1/4" | 10  | 026 070 10 | <b>1.46</b> | 4        | 40 07157 <b>30954</b> 9 |
| 8    | 1" | C 6,3 | 1/4" | 10  | 026 080 10 | <b>1.40</b> | 4        | 40 07157 <b>30955</b> 6 |
| 9    | 1" | C 6,3 | 1/4" | 10  | 026 090 10 | <b>1.40</b> | 4        | 40 07157 <b>30956</b> 3 |
| 10   | 1" | C 6,3 | 1/4" | 10  | 026 100 10 | <b>1.16</b> | 4        | 40 07157 <b>30957</b> 0 |
| 15   | 1" | C 6,3 | 1/4" | 10  | 026 150 10 | <b>1.16</b> | 4        | 40 07157 <b>30959</b> 4 |
| 20   | 1" | C 6,3 | 1/4" | 10  | 026 200 10 | <b>1.16</b> | 5        | 40 07157 <b>30961</b> 7 |
| 25   | 1" | C 6,3 | 1/4" | 10  | 026 250 10 | <b>1.16</b> | 5        | 40 07157 <b>30963</b> 1 |
| 27   | 1" | C 6,3 | 1/4" | 10  | 026 270 10 | <b>1.16</b> | 6        | 40 07157 <b>30965</b> 5 |
| 30   | 1" | C 6,3 | 1/4" | 10  | 026 300 10 | <b>1.16</b> | 6        | 40 07157 <b>30967</b> 9 |
| 40   | 1" | C 6,3 | 1/4" | 10  | 026 400 10 | <b>1.16</b> | 6        | 40 07157 <b>30969</b> 3 |
| 45   | 1" | C 6,3 | 1/4" | 10  | 026 450 10 | <b>1.16</b> | 8        | 40 07157 <b>32076</b> 6 |

**027  
C 6,3**


| TorxTR | ↔  | hex   | box  | 027 | \$         | canister    | EAN-Code | Item No                 |
|--------|----|-------|------|-----|------------|-------------|----------|-------------------------|
| 7      | 1" | C 6,3 | 1/4" | 10  | 027 070 10 | <b>2.18</b> | 4        | 40 07157 <b>50771</b> 6 |
| 8      | 1" | C 6,3 | 1/4" | 10  | 027 080 10 | <b>2.18</b> | 4        | 40 07157 <b>50773</b> 0 |
| 9      | 1" | C 6,3 | 1/4" | 10  | 027 090 10 | <b>2.18</b> | 4        | 40 07157 <b>50775</b> 4 |
| 10     | 1" | C 6,3 | 1/4" | 10  | 027 100 10 | <b>2.12</b> | 4        | 40 07157 <b>30971</b> 6 |
| 15     | 1" | C 6,3 | 1/4" | 10  | 027 150 10 | <b>2.12</b> | 4        | 40 07157 <b>30972</b> 3 |
| 20     | 1" | C 6,3 | 1/4" | 10  | 027 200 10 | <b>2.12</b> | 5        | 40 07157 <b>30973</b> 0 |
| 25     | 1" | C 6,3 | 1/4" | 10  | 027 250 10 | <b>2.12</b> | 5        | 40 07157 <b>30974</b> 7 |
| 27     | 1" | C 6,3 | 1/4" | 10  | 027 270 10 | <b>2.12</b> | 6        | 40 07157 <b>30975</b> 4 |
| 30     | 1" | C 6,3 | 1/4" | 10  | 027 300 10 | <b>2.02</b> | 6        | 40 07157 <b>30976</b> 1 |
| 40     | 1" | C 6,3 | 1/4" | 10  | 027 400 10 | <b>2.02</b> | 6        | 40 07157 <b>30977</b> 8 |

**023  
C 6,3**

| TorxPlus     | ↔  | hex   | box  | 023 | \$         | canister    | EAN-Code | Item No                 |
|--------------|----|-------|------|-----|------------|-------------|----------|-------------------------|
| <b>6 IP</b>  | 1" | C 6,3 | 1/4" | 10  | 023 060 10 | <b>2.82</b> | 4        | 40 07157 <b>51341</b> 0 |
| <b>7 IP</b>  | 1" | C 6,3 | 1/4" | 10  | 023 070 10 | <b>2.82</b> | 4        | 40 07157 <b>51343</b> 4 |
| <b>8 IP</b>  | 1" | C 6,3 | 1/4" | 10  | 023 080 10 | <b>2.82</b> | 4        | 40 07157 <b>51345</b> 8 |
| <b>9 IP</b>  | 1" | C 6,3 | 1/4" | 10  | 023 090 10 | <b>2.82</b> | 4        | 40 07157 <b>51347</b> 2 |
| <b>10 IP</b> | 1" | C 6,3 | 1/4" | 10  | 023 100 10 | <b>2.55</b> | 4        | 40 07157 <b>51349</b> 6 |
| <b>15 IP</b> | 1" | C 6,3 | 1/4" | 10  | 023 150 10 | <b>2.48</b> | 4        | 40 07157 <b>51351</b> 9 |
| <b>20 IP</b> | 1" | C 6,3 | 1/4" | 10  | 023 200 10 | <b>2.35</b> | 5        | 40 07157 <b>51353</b> 3 |
| <b>25 IP</b> | 1" | C 6,3 | 1/4" | 10  | 023 250 10 | <b>2.35</b> | 5        | 40 07157 <b>51355</b> 7 |
| <b>27 IP</b> | 1" | C 6,3 | 1/4" | 10  | 023 270 10 | <b>2.35</b> | 6        | 40 07157 <b>51357</b> 1 |
| <b>30 IP</b> | 1" | C 6,3 | 1/4" | 10  | 023 300 10 | <b>2.35</b> | 6        | 40 07157 <b>51359</b> 5 |
| <b>40 IP</b> | 1" | C 6,3 | 1/4" | 10  | 023 400 10 | <b>2.29</b> | 6        | 40 07157 <b>51361</b> 8 |

**028  
C 6,3**

| XZN         | ↔  | hex   | box  | 028 | \$         | canister    | EAN-Code | Item No                 |
|-------------|----|-------|------|-----|------------|-------------|----------|-------------------------|
| <b>M 4</b>  | 1" | C 6,3 | 1/4" | 10  | 028 040 10 | <b>2.99</b> | 5        | 40 07157 <b>50360</b> 2 |
| <b>M 5</b>  | 1" | C 6,3 | 1/4" | 10  | 028 050 10 | <b>2.99</b> | 5        | 40 07157 <b>50362</b> 6 |
| <b>M 6</b>  | 1" | C 6,3 | 1/4" | 10  | 028 060 10 | <b>2.99</b> | 5        | 40 07157 <b>50364</b> 0 |
| <b>M 8</b>  | 1" | C 6,3 | 1/4" | 10  | 028 080 10 | <b>2.99</b> | 5        | 40 07157 <b>50366</b> 4 |
| <b>M 10</b> | 1" | C 6,3 | 1/4" | 10  | 028 100 10 | <b>3.07</b> | 5        | 40 07157 <b>50368</b> 8 |

**029  
C 6,3**

| TS       | ↔  | hex   | box  | 029 | \$         | canister    | EAN-Code | Item No                 |
|----------|----|-------|------|-----|------------|-------------|----------|-------------------------|
| <b>0</b> | 1" | C 6,3 | 1/4" | 10  | 029 000 10 | <b>3.14</b> | 5        | 40 07157 <b>50370</b> 1 |
| <b>1</b> | 1" | C 6,3 | 1/4" | 10  | 029 010 10 | <b>3.14</b> | 5        | 40 07157 <b>50372</b> 5 |
| <b>2</b> | 1" | C 6,3 | 1/4" | 10  | 029 020 10 | <b>3.14</b> | 5        | 40 07157 <b>50374</b> 9 |
| <b>3</b> | 1" | C 6,3 | 1/4" | 10  | 029 030 10 | <b>3.14</b> | 5        | 40 07157 <b>50376</b> 3 |
| <b>4</b> | 1" | C 6,3 | 1/4" | 10  | 029 040 10 | <b>2.88</b> | 5        | 40 07157 <b>50378</b> 7 |
| <b>5</b> | 1" | C 6,3 | 1/4" | 10  | 029 050 10 | <b>2.88</b> | 5        | 40 07157 <b>50380</b> 0 |
| <b>6</b> | 1" | C 6,3 | 1/4" | 10  | 029 060 10 | <b>2.88</b> | 5        | 40 07157 <b>50382</b> 4 |

**030  
E 6,3**

| •*                    | ↔  | hex   | box  | 030 | \$         | canister    | EAN-Code | Item No                 |
|-----------------------|----|-------|------|-----|------------|-------------|----------|-------------------------|
| <b>1/8"</b>           | 2" | E 6,3 | 1/4" | 10  | 030 305 10 | <b>1.87</b> | 7        | 40 07157 <b>30772</b> 9 |
| <b>9/64"</b>          | 2" | E 6,3 | 1/4" | 10  | 030 315 10 | <b>1.73</b> | 7        | 40 07157 <b>30275</b> 5 |
| <b>5/32"</b>          | 2" | E 6,3 | 1/4" | 10  | 030 415 10 | <b>1.74</b> | 7        | 40 07157 <b>30277</b> 9 |
| <b>3/16" x 0.023"</b> | 2" | E 6,3 | 1/4" | 10  | 030 455 10 | <b>1.74</b> | 8        | 40 07157 <b>30779</b> 8 |
| <b>3/16" x 0.031"</b> | 2" | E 6,3 | 1/4" | 10  | 030 505 10 | <b>1.74</b> | 9        | 40 07157 <b>30280</b> 9 |
| <b>7/32" x 0.031"</b> | 2" | E 6,3 | 1/4" | 10  | 030 515 10 | <b>1.74</b> | 10       | 40 07157 <b>30283</b> 0 |
| <b>7/32" x 0.039"</b> | 2" | E 6,3 | 1/4" | 10  | 030 525 10 | <b>2.62</b> | 10       | 40 07157 <b>30285</b> 4 |
| <b>1/4" x 0.039"</b>  | 2" | E 6,3 | 1/4" | 10  | 030 605 10 | <b>1.74</b> | 10       | 40 07157 <b>30287</b> 8 |
| <b>1/4" x 0.05"</b>   | 2" | E 6,3 | 1/4" | 10  | 030 615 10 | <b>1.74</b> | 12       | 40 07157 <b>30290</b> 8 |
| <b>5/16" x 0.05"</b>  | 2" | E 6,3 | 1/4" | 10  | 030 805 10 | <b>2.73</b> | 14       | 40 07157 <b>30292</b> 2 |
| <b>5/16" x 0.06"</b>  | 2" | E 6,3 | 1/4" | 10  | 030 815 10 | <b>2.73</b> | 14       | 40 07157 <b>30294</b> 6 |
| <b>3/8"</b>           | 2" | E 6,3 | 1/4" | 10  | 030 105 10 | <b>3.09</b> | 17       | 40 07157 <b>30272</b> 4 |


**031  
E 6,3**
**PZ**

2"



E 6,3



1/4"



10

**031****\$****1.56**

11

EAN-Code **Item No**40 07157 **30312** 7
**032  
E 6,3**
**PH**

2"



E 6,3



1/4"



10

**032****\$****2.18**

13

EAN-Code **Item No**40 07157 **51015** 0**0**

2"



E 6,3



1/4"



10

**032****\$****1.47**

8

EAN-Code **Item No**40 07157 **30317** 2**1**

2"



E 6,3



1/4"



10

**032****\$****1.47**

11

EAN-Code **Item No**40 07157 **30320** 2**2**

2"



E 6,3



1/4"



10

**032****\$****2.02**

13

EAN-Code **Item No**40 07157 **30323** 3
**033  
E 6,3**
**TorxPlus**

2"



E 6,3



1/4"



10

**033****\$****4.28**

10

EAN-Code **Item No**40 07157 **51363** 2**10 IP**

2"



E 6,3



1/4"



10

**033****\$****4.28**

10

EAN-Code **Item No**40 07157 **51365** 6**15 IP**

2"



E 6,3



1/4"



10

**033****\$****4.28**

11

EAN-Code **Item No**40 07157 **51367** 0**20 IP**

2"



E 6,3



1/4"



10

**033****\$****4.28**

11

EAN-Code **Item No**40 07157 **51369** 4**25 IP**

2"



E 6,3



1/4"



10

**033****\$****4.28**

11

EAN-Code **Item No**40 07157 **51371** 7
**036  
E 6,3**
**Torx**

2"



E 6,3



1/4"



10

**036****\$****3.22**

10

EAN-Code **Item No**40 07157 **50973** 4**5**

2"



E 6,3



1/4"



10

**036****\$****3.02**

10

EAN-Code **Item No**40 07157 **51375** 5**6**

2"



E 6,3



1/4"



10

**036****\$****2.94**

10

EAN-Code **Item No**40 07157 **51377** 9**7**

2"



E 6,3



1/4"



10

**036****\$****3.11**

9

EAN-Code **Item No**40 07157 **30834** 4**9**

2"



E 6,3



1/4"



10

**036****\$****3.11**

9

EAN-Code **Item No**40 07157 **30835** 1**10**

2"



E 6,3



1/4"



10

**036****\$****2.98**

10

EAN-Code **Item No**40 07157 **30836** 8**15**

2"



E 6,3



1/4"



10

**036****\$****2.98**

11

EAN-Code **Item No**40 07157 **24026** 2**20**

2"



E 6,3



1/4"



10

**036****\$****2.98**

11

EAN-Code **Item No**40 07157 **30839** 9**25**

2"



E 6,3



1/4"



10

**036****\$****2.98**

11

EAN-Code **Item No**

**039  
E 6,3**

| Hex       |        |       |      | 039 | \$         |              | EAN-Code | Item No                 |
|-----------|--------|-------|------|-----|------------|--------------|----------|-------------------------|
| <b>5</b>  | 2 5/8" | E 6,3 | 1/4" | 5   | 039 050 10 | <b>14.23</b> | 36       | 40 07157 <b>50404</b> 3 |
| <b>6</b>  | 2 5/8" | E 6,3 | 1/4" | 5   | 039 060 10 | <b>14.46</b> | 36       | 40 07157 <b>50406</b> 7 |
| <b>7</b>  | 2 5/8" | E 6,3 | 1/4" | 5   | 039 070 10 | <b>14.46</b> | 37       | 40 07157 <b>51373</b> 1 |
| <b>8</b>  | 2 5/8" | E 6,3 | 1/4" | 5   | 039 080 10 | <b>14.46</b> | 37       | 40 07157 <b>50408</b> 1 |
| <b>10</b> | 2 5/8" | E 6,3 | 1/4" | 5   | 039 100 10 | <b>15.35</b> | 38       | 40 07157 <b>50410</b> 4 |

**039  
E 6,3**

| Hex          |        |       |      | 039 | \$         |              | EAN-Code | Item No                 |
|--------------|--------|-------|------|-----|------------|--------------|----------|-------------------------|
| <b>5/16"</b> | 2 5/8" | E 6,3 | 1/4" | 5   | 039 516 10 | <b>17.49</b> | 37       | 40 07157 <b>50414</b> 2 |
| <b>3/8"</b>  | 2 5/8" | E 6,3 | 1/4" | 5   | 039 038 10 | <b>17.49</b> | 38       | 40 07157 <b>50416</b> 6 |

**030  
E 6,3**

|              |        |       |      | 030 | \$         |             | EAN-Code | Item No                 |
|--------------|--------|-------|------|-----|------------|-------------|----------|-------------------------|
| <b>1/8"</b>  | 2 7/8" | E 6,3 | 1/4" | 5   | 030 307 10 | <b>3.39</b> | 7        | 40 07157 <b>30274</b> 8 |
| <b>9/64"</b> | 2 7/8" | E 6,3 | 1/4" | 5   | 030 317 10 | <b>3.09</b> | 8        | 40 07157 <b>30773</b> 6 |
| <b>5/32"</b> | 2 7/8" | E 6,3 | 1/4" | 5   | 030 417 10 | <b>3.00</b> | 9        | 40 07157 <b>30279</b> 3 |
| <b>7/32"</b> | 2 7/8" | E 6,3 | 1/4" | 5   | 030 527 10 | <b>2.77</b> | 13       | 40 07157 <b>30787</b> 3 |
| <b>1/4"</b>  | 2 7/8" | E 6,3 | 1/4" | 5   | 030 617 10 | <b>2.69</b> | 17       | 40 07157 <b>30794</b> 1 |

**032  
E 6,3**

|          |        |       |      | 032 | \$         |             | EAN-Code | Item No                 |
|----------|--------|-------|------|-----|------------|-------------|----------|-------------------------|
| <b>1</b> | 2 7/8" | E 6,3 | 1/4" | 5   | 032 017 10 | <b>2.41</b> | 11       | 40 07157 <b>30319</b> 6 |
| <b>2</b> | 2 7/8" | E 6,3 | 1/4" | 5   | 032 027 10 | <b>2.29</b> | 15       | 40 07157 <b>30322</b> 6 |
| <b>3</b> | 2 7/8" | E 6,3 | 1/4" | 5   | 032 037 10 | <b>2.29</b> | 22       | 40 07157 <b>30833</b> 7 |

**032  
E 6,3**

For terminal block screws



|          |        |       |      | 032 | \$         |             | EAN-Code | Item No                 |
|----------|--------|-------|------|-----|------------|-------------|----------|-------------------------|
| <b>2</b> | 2 7/8" | E 6,3 | 1/4" | 5   | 032 202 10 | <b>5.16</b> | 16       | 40 07157 <b>51881</b> 1 |


**035  
E 6,3**


| SQ       |        |       |      |   | 035        | \$          |    | EAN-Code | Item No        |
|----------|--------|-------|------|---|------------|-------------|----|----------|----------------|
| <b>0</b> | 2 7/8" | E 6,3 | 1/4" | 5 | 035 007 10 | <b>3.39</b> | 22 | 40 07157 | <b>31520</b> 5 |
| <b>1</b> | 2 7/8" | E 6,3 | 1/4" | 5 | 035 017 10 | <b>3.39</b> | 22 | 40 07157 | <b>31522</b> 9 |
| <b>2</b> | 2 7/8" | E 6,3 | 1/4" | 5 | 035 027 10 | <b>3.39</b> | 22 | 40 07157 | <b>31524</b> 3 |
| <b>3</b> | 2 7/8" | E 6,3 | 1/4" | 5 | 035 037 10 | <b>3.39</b> | 22 | 40 07157 | <b>31526</b> 7 |

**036  
E 6,3**


| Torx      |        |       |      |   | 036        | \$          |    | EAN-Code | Item No        |
|-----------|--------|-------|------|---|------------|-------------|----|----------|----------------|
| <b>10</b> | 2 7/8" | E 6,3 | 1/4" | 3 | 036 107 10 | <b>3.88</b> | 8  | 40 07157 | <b>30837</b> 5 |
| <b>15</b> | 2 7/8" | E 6,3 | 1/4" | 3 | 036 157 10 | <b>3.79</b> | 8  | 40 07157 | <b>30838</b> 2 |
| <b>20</b> | 2 7/8" | E 6,3 | 1/4" | 3 | 036 207 10 | <b>3.88</b> | 11 | 40 07157 | <b>30840</b> 5 |
| <b>25</b> | 2 7/8" | E 6,3 | 1/4" | 3 | 036 257 10 | <b>3.88</b> | 11 | 40 07157 | <b>30842</b> 9 |
| <b>27</b> | 2 7/8" | E 6,3 | 1/4" | 3 | 036 277 10 | <b>3.88</b> | 11 | 40 07157 | <b>30844</b> 3 |
| <b>30</b> | 2 7/8" | E 6,3 | 1/4" | 3 | 036 307 10 | <b>3.80</b> | 15 | 40 07157 | <b>30846</b> 7 |
| <b>40</b> | 2 7/8" | E 6,3 | 1/4" | 3 | 036 407 10 | <b>3.88</b> | 19 | 40 07157 | <b>30848</b> 1 |

**030  
E 6,3**


| ●            |    |       |      |   | 030        | \$          |    | EAN-Code | Item No        |
|--------------|----|-------|------|---|------------|-------------|----|----------|----------------|
| <b>5/32"</b> | 4" | E 6,3 | 1/4" | 3 | 030 418 10 | <b>6.63</b> | 12 | 40 07157 | <b>30778</b> 1 |
| <b>7/32"</b> | 4" | E 6,3 | 1/4" | 3 | 030 528 10 | <b>6.48</b> | 18 | 40 07157 | <b>30788</b> 0 |
| <b>1/4"</b>  | 4" | E 6,3 | 1/4" | 3 | 030 618 10 | <b>6.33</b> | 23 | 40 07157 | <b>30795</b> 8 |
| <b>5/16"</b> | 4" | E 6,3 | 1/4" | 3 | 030 818 10 | <b>6.81</b> | 32 | 40 07157 | <b>30800</b> 9 |

**032  
E 6,3**


| ★        |    |       |      |   | 032        | \$          |    | EAN-Code | Item No        |
|----------|----|-------|------|---|------------|-------------|----|----------|----------------|
| <b>1</b> | 4" | E 6,3 | 1/4" | 3 | 032 018 10 | <b>5.74</b> | 15 | 40 07157 | <b>30822</b> 1 |
| <b>2</b> | 4" | E 6,3 | 1/4" | 3 | 032 028 10 | <b>5.49</b> | 21 | 40 07157 | <b>30828</b> 3 |

**032  
E 6,3**


| ★        |    |       |      |   | 032        | \$          |    | EAN-Code | Item No        |
|----------|----|-------|------|---|------------|-------------|----|----------|----------------|
| <b>1</b> | 6" | E 6,3 | 1/4" | 3 | 032 019 10 | <b>7.92</b> | 21 | 40 07157 | <b>30823</b> 8 |
| <b>2</b> | 6" | E 6,3 | 1/4" | 3 | 032 029 10 | <b>7.60</b> | 32 | 40 07157 | <b>30830</b> 6 |

**Impact****On card****New!**

|     |                    |    |       | <b>022</b> | <b>\$</b>  |             |    | EAN-Code | Item No        |
|-----|--------------------|----|-------|------------|------------|-------------|----|----------|----------------|
| 2 x | Impact <b>PH 1</b> | 1" | C 6,3 | 2          | 022 012 41 | <b>8.18</b> | 13 | 40 07157 | <b>62995</b> 1 |
| 2 x | Impact <b>PH 2</b> | 1" | C 6,3 | 2          | 022 022 41 | <b>8.18</b> | 13 | 40 07157 | <b>62997</b> 5 |
| 2 x | Impact <b>PH 3</b> | 1" | C 6,3 | 2          | 022 032 41 | <b>8.44</b> | 15 | 40 07157 | <b>62999</b> 9 |
| 1 x | Impact <b>PH 1</b> | 2" | E 6,3 | 1          | 032 015 41 | <b>6.68</b> | 18 | 40 07157 | <b>63019</b> 3 |
| 1 x | Impact <b>PH 2</b> | 2" | E 6,3 | 1          | 032 025 41 | <b>6.68</b> | 18 | 40 07157 | <b>63021</b> 6 |
| 1 x | Impact <b>PH 3</b> | 2" | E 6,3 | 1          | 032 035 41 | <b>6.99</b> | 19 | 40 07157 | <b>63023</b> 0 |



|     |                       |    |       |   |            |             |    |          |                |
|-----|-----------------------|----|-------|---|------------|-------------|----|----------|----------------|
| 2 x | Impact <b>Torx 10</b> | 1" | C 6,3 | 2 | 026 102 41 | <b>9.52</b> | 13 | 40 07157 | <b>63007</b> 0 |
| 2 x | Impact <b>Torx 15</b> | 1" | C 6,3 | 2 | 026 152 41 | <b>9.52</b> | 13 | 40 07157 | <b>63009</b> 4 |
| 2 x | Impact <b>Torx 20</b> | 1" | C 6,3 | 2 | 026 202 41 | <b>9.52</b> | 13 | 40 07157 | <b>63011</b> 7 |
| 2 x | Impact <b>Torx 25</b> | 1" | C 6,3 | 2 | 026 252 41 | <b>9.52</b> | 13 | 40 07157 | <b>63013</b> 1 |
| 2 x | Impact <b>Torx 30</b> | 1" | C 6,3 | 2 | 026 302 41 | <b>9.88</b> | 15 | 40 07157 | <b>63015</b> 5 |
| 2 x | Impact <b>Torx 40</b> | 1" | C 6,3 | 2 | 026 402 41 | <b>9.88</b> | 15 | 40 07157 | <b>63017</b> 9 |
| 1 x | Impact <b>Torx 10</b> | 2" | E 6,3 | 1 | 036 105 41 | <b>7.87</b> | 18 | 40 07157 | <b>63031</b> 5 |
| 1 x | Impact <b>Torx 15</b> | 2" | E 6,3 | 1 | 036 155 41 | <b>7.87</b> | 18 | 40 07157 | <b>63033</b> 9 |
| 1 x | Impact <b>Torx 20</b> | 2" | E 6,3 | 1 | 036 205 41 | <b>7.87</b> | 18 | 40 07157 | <b>63035</b> 3 |
| 1 x | Impact <b>Torx 25</b> | 2" | E 6,3 | 1 | 036 255 41 | <b>7.87</b> | 18 | 40 07157 | <b>63037</b> 7 |
| 1 x | Impact <b>Torx 30</b> | 2" | E 6,3 | 1 | 036 305 41 | <b>8.23</b> | 19 | 40 07157 | <b>63039</b> 1 |
| 1 x | Impact <b>Torx 40</b> | 2" | E 6,3 | 1 | 036 405 41 | <b>8.23</b> | 19 | 40 07157 | <b>63041</b> 4 |



New!

**Torsion****On card**

|     |                     |    |       | <b>020</b> | <b>\$</b>  |             | EAN-Code | Item No                 |
|-----|---------------------|----|-------|------------|------------|-------------|----------|-------------------------|
| 2 x | Torsion <b>PH 1</b> | 1" | C 6,3 | 2          | 022 012 01 | <b>3.57</b> | 13       | 40 07157 <b>62909</b> 8 |
| 2 x | Torsion <b>PH 2</b> | 1" | C 6,3 | 2          | 022 022 01 | <b>3.57</b> | 13       | 40 07157 <b>62911</b> 1 |
| 2 x | Torsion <b>PH 3</b> | 1" | C 6,3 | 2          | 022 032 01 | <b>3.83</b> | 15       | 40 07157 <b>62913</b> 5 |
| 1 x | Torsion <b>PH 1</b> | 2" | E 6,3 | 1          | 032 015 01 | <b>5.18</b> | 18       | 40 07157 <b>62981</b> 4 |
| 1 x | Torsion <b>PH 2</b> | 2" | E 6,3 | 1          | 032 025 01 | <b>5.18</b> | 18       | 40 07157 <b>62983</b> 8 |
| 1 x | Torsion <b>PH 3</b> | 2" | E 6,3 | 1          | 032 035 01 | <b>5.49</b> | 18       | 40 07157 <b>62985</b> 2 |



|     |                        |    |       | <b>020</b> | <b>\$</b>  |             | EAN-Code | Item No                 |
|-----|------------------------|----|-------|------------|------------|-------------|----------|-------------------------|
| 2 x | Torsion <b>Torx 10</b> | 1" | C 6,3 | 2          | 026 102 01 | <b>5.74</b> | 13       | 40 07157 <b>62921</b> 0 |
| 2 x | Torsion <b>Torx 15</b> | 1" | C 6,3 | 2          | 026 152 01 | <b>5.74</b> | 13       | 40 07157 <b>62923</b> 4 |
| 2 x | Torsion <b>Torx 20</b> | 1" | C 6,3 | 2          | 026 202 01 | <b>5.74</b> | 13       | 40 07157 <b>62925</b> 8 |
| 2 x | Torsion <b>Torx 25</b> | 1" | C 6,3 | 2          | 026 252 01 | <b>5.74</b> | 13       | 40 07157 <b>62927</b> 2 |
| 2 x | Torsion <b>Torx 30</b> | 1" | C 6,3 | 2          | 026 302 01 | <b>6.00</b> | 15       | 40 07157 <b>62929</b> 6 |
| 2 x | Torsion <b>Torx 40</b> | 1" | C 6,3 | 2          | 026 402 01 | <b>6.00</b> | 15       | 40 07157 <b>62931</b> 9 |



New!

**Industrial****On card**

|     |                     |    |       | <b>020</b> | <b>\$</b>  |             | EAN-Code | Item No                 |
|-----|---------------------|----|-------|------------|------------|-------------|----------|-------------------------|
| 2 x | <b>9/64" x 0.6"</b> | 1" | C 6,3 | 10         | 020 310 36 | <b>2.34</b> | 15       | 40 07157 <b>10263</b> 8 |
| 2 x | <b>5/32" x 0.8"</b> | 1" | C 6,3 | 10         | 020 410 36 | <b>2.18</b> | 15       | 40 07157 <b>10264</b> 5 |
| 2 x | <b>3/16" x 1"</b>   | 1" | C 6,3 | 10         | 020 500 36 | <b>2.18</b> | 15       | 40 07157 <b>31890</b> 9 |
| 2 x | <b>7/32" x 0.8"</b> | 1" | C 6,3 | 10         | 020 510 36 | <b>2.18</b> | 15       | 40 07157 <b>10311</b> 6 |
| 2 x | <b>7/32" x 1"</b>   | 1" | C 6,3 | 10         | 020 520 36 | <b>2.18</b> | 15       | 40 07157 <b>10265</b> 2 |
| 2 x | <b>1/4" x 1.2"</b>  | 1" | C 6,3 | 10         | 020 610 36 | <b>2.73</b> | 17       | 40 07157 <b>10266</b> 9 |
| 2 x | <b>5/16" x 1.2"</b> | 1" | C 6,3 | 10         | 020 800 36 | <b>2.99</b> | 19       | 40 07157 <b>10267</b> 6 |



## Industrial

New!

New on card



|       |                           |    | <b>020</b> | \$         |              | EAN-Code | Item No                 |
|-------|---------------------------|----|------------|------------|--------------|----------|-------------------------|
| 2 x   | <b>PH 1</b>               | 1" | C 6,3 10   | 022 010 36 | <b>1.81</b>  | 15       | 40 07157 <b>10270</b> 6 |
| 5 x   | <b>PH 1</b>               | 1" | C 6,3 10   | 022 010 56 | <b>3.98</b>  | 30       | 40 07157 <b>31666</b> 0 |
| 2 x   | <b>PH 2</b>               | 1" | C 6,3 10   | 022 020 36 | <b>1.81</b>  | 15       | 40 07157 <b>10271</b> 3 |
| 5 x   | <b>PH 2</b>               | 1" | C 6,3 10   | 022 020 56 | <b>3.98</b>  | 30       | 40 07157 <b>10284</b> 3 |
| 2 x   | <b>PH 3</b>               | 1" | C 6,3 10   | 022 030 36 | <b>1.81</b>  | 17       | 40 07157 <b>10272</b> 0 |
| 5 x   | <b>PH 3</b>               | 1" | C 6,3 10   | 022 030 56 | <b>3.98</b>  | 35       | 40 07157 <b>52833</b> 9 |
| 3 x 1 | <b>PH 1 / PH 2 / PH 3</b> | 1" | C 6,3 10   | 022 931 16 | <b>2.48</b>  | 21       | 40 07157 <b>10280</b> 5 |
| 2 x   | <b>PH 1</b>               | 2" | C 6,3 10   | 022 015 36 | <b>4.55</b>  | 30       | 40 07157 <b>53023</b> 3 |
| 5 x   | <b>PH 1</b>               | 2" | C 6,3 10   | 022 015 56 | <b>10.04</b> | 60       | 40 07157 <b>53035</b> 6 |
| 2 x   | <b>PH 2</b>               | 2" | C 6,3 10   | 022 025 36 | <b>4.55</b>  | 32       | 40 07157 <b>53037</b> 0 |
| 5 x   | <b>PH 2</b>               | 2" | C 6,3 10   | 022 025 56 | <b>10.04</b> | 65       | 40 07157 <b>53025</b> 7 |
| 2 x   | <b>PH 3</b>               | 2" | C 6,3 10   | 022 035 36 | <b>4.55</b>  | 34       | 40 07157 <b>53027</b> 1 |
| 5 x   | <b>PH 3</b>               | 2" | C 6,3 10   | 022 035 56 | <b>10.04</b> | 70       | 40 07157 <b>53039</b> 4 |
| 2 x   | <b>PH 1</b>               | 2" | E 6,3 10   | 032 015 36 | <b>4.55</b>  | 30       | 40 07157 <b>51639</b> 8 |
| 2 x   | <b>PH 1</b>               | 3" | E 6,3 10   | 032 017 36 | <b>7.40</b>  | 34       | 40 07157 <b>50520</b> 0 |
| 2 x   | <b>PH 2</b>               | 2" | E 6,3 10   | 032 025 36 | <b>3.87</b>  | 32       | 40 07157 <b>10286</b> 7 |
| 2 x   | <b>PH 2</b>               | 3" | E 6,3 10   | 032 027 36 | <b>7.14</b>  | 42       | 40 07157 <b>10304</b> 8 |
| 3 x 1 | <b>PH 1 / PH 2 / PH 3</b> | 2" | E 6,3 10   | 032 931 16 | <b>6.91</b>  | 42       | 40 07157 <b>31305</b> 8 |



|       |                                    |    |          |            |              |    |                         |
|-------|------------------------------------|----|----------|------------|--------------|----|-------------------------|
| 2 x   | <b>Torx 5</b>                      | 1" | C 6,3 10 | 026 050 36 | <b>4.19</b>  | 13 | 40 07157 <b>52865</b> 0 |
| 2 x   | <b>Torx 6</b>                      | 1" | C 6,3 10 | 026 060 36 | <b>4.15</b>  | 13 | 40 07157 <b>10303</b> 1 |
| 2 x   | <b>Torx 7</b>                      | 1" | C 6,3 10 | 026 070 36 | <b>4.15</b>  | 13 | 40 07157 <b>10302</b> 4 |
| 2 x   | <b>Torx 8</b>                      | 1" | C 6,3 10 | 026 080 36 | <b>4.02</b>  | 13 | 40 07157 <b>10301</b> 7 |
| 2 x   | <b>Torx 9</b>                      | 1" | C 6,3 10 | 026 090 36 | <b>4.02</b>  | 13 | 40 07157 <b>10300</b> 0 |
| 2 x   | <b>Torx 10</b>                     | 1" | C 6,3 10 | 026 100 36 | <b>3.15</b>  | 15 | 40 07157 <b>10299</b> 7 |
| 2 x   | <b>Torx 15</b>                     | 1" | C 6,3 10 | 026 150 36 | <b>3.01</b>  | 15 | 40 07157 <b>10298</b> 0 |
| 2 x   | <b>Torx 20</b>                     | 1" | C 6,3 10 | 026 200 36 | <b>3.00</b>  | 15 | 40 07157 <b>10297</b> 3 |
| 2 x   | <b>Torx 25</b>                     | 1" | C 6,3 10 | 026 250 36 | <b>3.00</b>  | 15 | 40 07157 <b>10296</b> 6 |
| 2 x   | <b>Torx 27</b>                     | 1" | C 6,3 10 | 026 270 36 | <b>3.00</b>  | 15 | 40 07157 <b>10295</b> 9 |
| 2 x   | <b>Torx 30</b>                     | 1" | C 6,3 10 | 026 300 36 | <b>3.00</b>  | 17 | 40 07157 <b>10294</b> 2 |
| 2 x   | <b>Torx 40</b>                     | 1" | C 6,3 10 | 026 400 36 | <b>3.53</b>  | 17 | 40 07157 <b>22194</b> 0 |
| 3 x 1 | <b>Torx 10 / Torx 15 / Torx 20</b> | 1" | C 6,3 10 | 026 931 16 | <b>6.11</b>  | 20 | 40 07157 <b>32222</b> 7 |
| 3 x 1 | <b>Torx 15 / Torx 20 / Torx 25</b> | 1" | C 6,3 10 | 026 933 16 | <b>6.11</b>  | 20 | 40 07157 <b>52157</b> 6 |
| 3 x 1 | <b>Torx 10 / Torx 15 / Torx 20</b> | 2" | E 6,3 10 | 036 931 16 | <b>10.56</b> | 20 | 40 07157 <b>52243</b> 6 |
| 3 x 1 | <b>Torx 20 / Torx 25 / Torx 30</b> | 2" | E 6,3 10 | 036 932 16 | <b>10.30</b> | 21 | 40 07157 <b>52241</b> 2 |



**Felo Star automatic-holder is a unique power-tool accessory, providing decisive advantages to the industrial user.**



- secure hold of screw
- automatic adjustment to depth of screw head
- genuine one-hand operation
- quick and easy replacement of bits
- compact size

Making work safer, faster and more efficient!



**038**



FeloStar on card



6

**038**

**\$**



**24.75**

40

**EAN-Code**

40 07157 52673 1



**148**

INFO@SWIFTTOOL.COM

WWW.SWIFTTOOL.COM

**020**

**AllStar Bit Box Slotted, PH, Torx C 6,3 x 1"** **020** **\$ 83.30** **EAN-Code 40 07157 53525 2**

**Felo Star + 10 Challenger Bits**

(2 x) **020:** 7/32" | 1/4" Slotted

(3 x) **022:** PH 2

**022:** PH 3

(4 x) **026:** Torx 20 | Torx 25 | Torx 30 | Torx 40

**038:** Felo Star



**020**

**\$**



**EAN-Code Item No**

**026**

**AllStar Bit Box Torx, C 6,3 x 1/4"** **020** **\$ 44.09** **EAN-Code 40 07157 53527 6**

**Felo Star + 10 TiN Bits**

(2 x) **020:** 7/32" | 1/4" Slotted

(3 x) **022:** PH 2

**022:** PH 3

(4 x) **026:** Torx 20 | Torx 25 | Torx 30 | Torx 40

**038:** Felo Star



**020**

**\$**



**EAN-Code Item No**

**020**

**AllStar Bit Box Universal SQ Torx C 6,3 x 1"** **020** **\$ 34.07** **EAN-Code 40 07157 53015 8**

**Felo Star + 10 Bits**

(2 x) **020:** 7/32" | 1/4" Slotted

(3 x) **022:** PH 2

**022:** PH 3

(2 x) **025:** SQ 2 | SQ 3

(2 x) **026:** Torx 20 | Torx 25

**038:** Felo Star



**020**

**\$**



**EAN-Code Item No**



020

**AllStar Bit Box Slotted, PH, SQ C 6,3 x 1"**

**020** \$ EAN-Code **Item No**  
8 020 909 16 40.78 165 40 07157 53529 0

**Felo Star + 10 Bits**(2 x) **020:** 7/32" | 1/4" Slotted(3 x) **022:** PH 2**022:** PH 3(2 x 2) **025:** SQ 2 | SQ 3**038:** Felo Star

1/4"

020

**AllStar Bit Box SQ Torx C 6,3 x 1"**

**020** \$ EAN-Code **Item No**  
8 020 905 16 36.62 165 40 07157 52755 4

**Felo Star + 10 Bits**(2 x) **020:** 7/32" | 1/4" Slotted(2 x) **022:** PH 2 | PH 3(2 x) **025:** SQ 2 | SQ 3(4 x) **026:** Torx 20 | Torx 25 | Torx 30 | Torx 40**038:** Felo Star

1/4"

150

- All sizes at one glance
- easy selection of bits by pick and pull (one-hand operation)
- auxiliary-screwdriver function



## 020


**Swift Box Torx TiN C 6,3 x 1"**

**020**

**19.06**

**73**
**EAN-Code Item No**
**40 07157 51389 2**
**6 Bits + Magnetholder**

(6 x) **026:** TiN Torx 10 | Torx 15 | Torx 20 | Torx 25 | Torx 30 | Torx 40


**Swift Box Torx C 6,3 x 1"**
**10 020 603 16**
**15.17**
**75**
**40 07157 51395 3**
**6 Bits + Magnetholder**

(6 x) **026:** Torx 10 | Torx 15 | Torx 20 | Torx 25 | Torx 30 | Torx 40


**Swift Box Universal C 6,3 x 1"**
**10 020 604 16**
**12.54**
**75**
**40 07157 51923 8**
**6 Bits + Magnetholder**

(2 x) **020:** 7/32" | 1/4" Slotted



(2 x) **026:** Torx 10 | Torx 20



(2 x) **022:** PH 1 | PH 2


**020**

**35.81**

**EAN-Code Item No**
**40 07157 63055 1**

**Torx Impact Box Swift C 6,3 x 1/4"**
**10 020 603 46**

**31.04**

**EAN-Code Item No**
**40 07157 63059 9**
**6 Impact Bits + Bitholder**

(6 x) **026:** Torx 10 / Torx 15 / Torx 20 / Torx 25 / Torx 30 / Torx 40

(1 x) **038:** Bitholder


**PH Impact Box Swift C 6,3 x 1/4"**
**10 020 605 46**

**31.04**

**EAN-Code Item No**
**40 07157 63059 9**
**6 Impact Bits + Bitholder**

(2 x) **022:** PH 1

(3 x) **022:** PH 2

(1 x) **022:** PH 3

(1 x) **038:** Bitholder



## Bitboxes



**020**



|   | <b>020</b> | <b>\$</b>  | <b>g</b>     | EAN-Code | Item No                 |
|---|------------|------------|--------------|----------|-------------------------|
| <b>Profi Bit Box 12 Bits C 6,3 x 1" + Magnetholder</b>  | 10         | 020 918 16 | <b>25.70</b> | 120      | 40 07157 <b>53541 2</b> |
| (4 x ) <b>026:</b> 3/16"   7/32"   1/4"   5/16" Slotted |            |            |              |          |                         |
| <b>022:</b> PH 1  |            |            |              |          |                         |
| (2 x ) <b>022:</b> PH 2                                 |            |            |              |          |                         |
| <b>022:</b> PH 3  |            |            |              |          |                         |
| <b>026:</b> Torx 15                                     |            |            |              |          |                         |
| (2 x ) <b>026:</b> Torx 20                              |            |            |              |          |                         |
| <b>026:</b> Torx 25                                     |            |            |              |          |                         |
| <b>038:</b> Magnetholder                                |            |            |              |          |                         |

**Impact  
036**



|  | <b>036</b> | <b>\$</b>  | <b>g</b>     | EAN-Code | Item No                 |
|--|------------|------------|--------------|----------|-------------------------|
| <b>Profi Bit Box Impact</b>                              | 10         | 036 915 46 | <b>48.70</b> | 65       | 40 07157 <b>63063 6</b> |
| <b>6 Impact Bits E 6,3 x 50 mm</b>                       |            |            |              |          |                         |
| (6 x ) <b>036:</b> Torx 10 / Torx 15 / Torx 20           |            |            |              |          |                         |
| Torx 25 / Torx 30 / Torx 40                              |            |            |              |          |                         |
| <b>Profi Bit Box Impact</b>                              | 10         | 036 935 46 | <b>46.06</b> | 65       | 40 07157 <b>63067 4</b> |
| <b>6 Impact Bits E 6,3 x 50 mm</b>                       |            |            |              |          |                         |
| (1 x ) <b>031:</b> PZ 2                                  |            |            |              |          |                         |
| (1 x ) <b>032:</b> PH 2                                  |            |            |              |          |                         |
| (4 x ) <b>036:</b> Torx 15 / Torx 20 / Torx 25 / Torx 30 |            |            |              |          |                         |

**152**

**030****030****11.81**EAN-Code **Item No****Profi Bit Box. 6 Bits E 6,3 x 2"**

10 030 915 16

(6 x ) **030:** 9/64" | 5/32" | 3/16"

7/32" | 1/4" | 5/16" Slotted

40 07157 **31410 9****036****036****15.75**EAN-Code **Item No****Profi Bit Box. 6 Bits E 6,3 x 2"**

10 036 915 16

(6 x ) **030:** Torx 10 | Torx 15 | Torx 20

Torx 25 | Torx 30 | Torx 40

40 07157 **31419 2****057****057****14.60**EAN-Code **Item No****1/4" Nut-Box - metric. 8 Sockets + Adapter**

6 057 981 06

(8 x ) 4 mm | 5 mm | 5.5 mm | 6 mm | 7 mm

8 mm | 10 mm | 13 mm

**097:** **Adapter** (EAN-Code **Item No** 40 07157 **30481 0**)



022



|         | 022  | \$           | EAN-Code     | Item No                     |
|---------|--|--------------|--------------|-----------------------------|
|         | <b>PH Box. 25 Bits + Magnetholder C 6,3 x 1"</b> | 6 022 026 16 | <b>23.62</b> | 196 40 07157 <b>53543 6</b> |
| (5 x )  | PH 1   |              |              |                             |
| (15 x ) | PH 2   |              |              |                             |
| (5 x )  | PH 3   |              |              |                             |
|         | Magnetholder 2 3/8"                              |              |              |                             |

020



|         | 026  | \$           | EAN-Code     | Item No                     |
|---------|--|--------------|--------------|-----------------------------|
|         | <b>Torx-Box. 25 Bits + Magnetholder C 6,3 x 1"</b> | 6 026 026 16 | <b>32.79</b> | 196 40 07157 <b>50803 4</b> |
| (4 x )  | Torx 5   Torx 8   Torx 9   Torx 27                 |              |              |                             |
| (2 x 2) | Torx 6   Torx 10                                   |              |              |                             |
| (3 x 3) | Torx 15   Torx 30   Torx 40                        |              |              |                             |
| (2 x 4) | Torx 20   Torx 25                                  |              |              |                             |
|         | Magnetholder 2 3/8"                                |              |              |                             |

154

**020**

- Security Bitbox C 6,3 x 1"**
- (2 x ) **024:** Hex 4,0 | 3,0 mm
  - (3 x ) **028:** XZN M6 | XZN M5 | XZN M4
  - (5 x ) **029:** TS 10 | TS 8 | TS 6 | TS 4 | TS 0
  - (5 x ) **027:** TxTR 30 | TxTR 25 | TxTR 20 | TxTR 15 | TxTR 10
  - (5 x ) **029:** Tri-Wing 5 | 4 | 3 | 2 | 1
  - (3 x ) **020:** Spanner 6 | 8 | 10
  - (2 x ) **028:** Clutch 5/32 | 1/4
  - 038:** Magnetholder 2 3/8"

**020****\$****196**EAN-Code **Item No****79.14**

40 07157

**51565 0**

## Bitholders & Adapters

**429**

**Bitholder** 6 3/4" 4.2" 1.4" Ø 6 **429** **27.31** **146** **EAN-Code Item No**

429 635 40

**\$**

40 07157

**60365 4****438**

**Bitholder** 4" 3.9" 1.3" Ø 6 **438** **17.79** **102** **EAN-Code Item No**

438 125 40

**\$**

40 07157

**53711 9****155**

**538**

Felo Star      4"    3.9"    1.3"



6

**538**

538 100 40

**26.82**

123

EAN-Code **Item No**  
40 07157 **51397 7****538**

Bitholder      4"    3.9"    1.3"



6

**538**

538 125 40

**14.89**

103

EAN-Code **Item No**  
40 07157 **32348 4****518**

Bitholder      4"    3.9"    1.3"



6

**518**

518 125 40

**14.53**

103

EAN-Code **Item No**  
40 07157 **50785 3****338**

Bitholder      5"    4"



6

**338**

338 125 80

**11.78**

111

EAN-Code **Item No**  
40 07157 **32350 7****038**

FeloStar on card      2 3/4"    E 6.3    1/4"



6

**038**

038 165 94

**24.75**

40

EAN-Code  
40 07157 **52673 1****156**

INFO@SWIFTTOOL.COM

WWW.SWIFTTOOL.COM

**038****038**

\$



EAN-Code Item No

**Magnetholder**

|                       |        |       |      |   |            |             |    |                         |
|-----------------------|--------|-------|------|---|------------|-------------|----|-------------------------|
| <b>extra strong</b>   | 1 7/8" | E 6,3 | 1/4" | 6 | 038 109 90 | <b>5.11</b> | 20 | 40 07157 <b>30850</b> 4 |
| <b>Magnetholder</b>   | 2 1/4" | E 6,3 | 1/4" | 6 | 038 103 90 | <b>3.87</b> | 30 | 40 07157 <b>30340</b> 0 |
| <b>dto. in PP-Box</b> |        |       |      | 6 | 038 103 96 | <b>5.05</b> | 32 | 40 07157 <b>10288</b> 1 |

**058****058**

\$



EAN-Code Item No

**Magnetholder**

|  |    |     |      |   |            |              |    |                         |
|--|----|-----|------|---|------------|--------------|----|-------------------------|
|  | 4" | SDS | 1/4" | 6 | 058 102 90 | <b>15.91</b> | 62 | 40 07157 <b>30978</b> 5 |
|--|----|-----|------|---|------------|--------------|----|-------------------------|

**059****059**

\$



EAN-Code Item No

**Bit Holder**

|                     |       |      |   |            |              |    |                         |
|---------------------|-------|------|---|------------|--------------|----|-------------------------|
| max. 3 1/8"         | E 6,3 | 1/4" | 6 | 059 103 90 | <b>13.70</b> | 67 | 40 07157 <b>51897</b> 2 |
| incl. Bit PH 2 x 25 |       |      |   |            |              |    |                         |

**097****097**

\$



EAN-Code Item No

**Adapter**

|    |       |      |   |            |             |    |                         |
|----|-------|------|---|------------|-------------|----|-------------------------|
| 2" | E 6,3 | 1/4" | 6 | 097 013 10 | <b>5.11</b> | 15 | 40 07157 <b>30481</b> 0 |
|----|-------|------|---|------------|-------------|----|-------------------------|

**097****097**

\$



EAN-Code Item No

**Adapter**

|    |      |      |   |            |             |    |                         |
|----|------|------|---|------------|-------------|----|-------------------------|
| 1" | 1/4" | 1/4" | 6 | 097 018 10 | <b>3.20</b> | 11 | 40 07157 <b>30851</b> 1 |
|----|------|------|---|------------|-------------|----|-------------------------|

**097****097**

\$



EAN-Code Item No

**Adapter**

|    |       |      |   |            |             |    |                         |
|----|-------|------|---|------------|-------------|----|-------------------------|
| 2" | E 6,3 | 3/8" | 6 | 097 020 10 | <b>8.09</b> | 22 | 40 07157 <b>30489</b> 6 |
|----|-------|------|---|------------|-------------|----|-------------------------|

**Part Number Index**

| PART# | PG# | LIST EA |
|-------|-----|---------|-------|-----|---------|-------|-----|---------|-------|-----|---------|-------|-----|---------|-------|-----|---------|
| 0102  | 52  | 1.02    | 3606  | 52  | 7.05    | 10602 | 39  | 2.37    | 10806 | 53  | 2.13    | 10970 | 9   | 2.93    | 11750 | 24  | 9.93    |
| 0103  | 52  | 1.02    | 3607  | 52  | 7.11    | 10603 | 39  | 2.56    | 10807 | 53  | 2.13    | 10972 | 9   | 3.46    | 11755 | 24  | 13.39   |
| 0104  | 52  | 1.02    | 3608  | 52  | 7.23    | 10604 | 39  | 2.77    | 10808 | 53  | 2.13    | 10974 | 9   | 4.15    | 12100 | 13  | 0.52    |
| 0105  | 52  | 1.06    | 3609  | 52  | 7.47    | 10605 | 39  | 2.91    | 10809 | 53  | 2.13    | 10976 | 9   | 5.06    | 12101 | 13  | 0.52    |
| 0106  | 52  | 1.20    | 3610  | 52  | 7.85    | 10606 | 39  | 2.94    | 10810 | 53  | 2.13    | 10978 | 9   | 9.33    | 12102 | 13  | 0.31    |
| 0107  | 52  | 1.23    | 3611  | 52  | 7.85    | 10607 | 39  | 2.98    | 10811 | 53  | 2.13    | 10980 | 9   | 11.19   | 12103 | 13  | 0.35    |
| 0108  | 52  | 1.23    | 3612  | 52  | 7.85    | 10608 | 39  | 3.25    | 10812 | 53  | 2.13    | 10982 | 9   | 13.98   | 12104 | 13  | 0.35    |
| 0109  | 52  | 1.29    | 3613  | 52  | 8.92    | 10609 | 39  | 3.47    | 10813 | 53  | 5.96    | 10984 | 9   | 13.98   | 12105 | 13  | 0.35    |
| 0110  | 52  | 1.50    | 3614  | 52  | 10.66   | 10610 | 39  | 4.61    | 10814 | 53  | 6.39    | 10986 | 9   | 22.18   | 12106 | 13  | 0.41    |
| 0111  | 52  | 1.81    | 3615  | 52  | 12.58   | 10611 | 39  | 4.95    | 10816 | 53  | 7.51    | 10988 | 9   | 26.30   | 12107 | 13  | 0.43    |
| 0112  | 52  | 2.07    | 3616  | 52  | 14.40   | 10612 | 39  | 6.26    | 10836 | 53  | 37.98   | 10989 | 9   | 84.51   | 12108 | 13  | 0.43    |
| 0113  | 52  | 3.28    | 3650  | 52  | 6.93    | 10613 | 39  | 7.42    | 10852 | 53  | 2.13    | 10991 | 9   | 64.79   | 12109 | 13  | 0.48    |
| 0114  | 52  | 4.62    | 3652  | 52  | 6.93    | 10614 | 39  | 8.91    | 10854 | 53  | 2.13    | 10992 | 9   | 9.52    | 12110 | 13  | 0.52    |
| 0115  | 52  | 9.56    | 3654  | 52  | 6.99    | 10615 | 39  | 18.52   | 10856 | 53  | 2.13    | 10993 | 9   | 82.10   | 12111 | 13  | 0.77    |
| 0116  | 52  | 12.23   | 3656  | 52  | 7.11    | 10616 | 39  | 21.72   | 10860 | 53  | 2.13    | 10995 | 9   | 26.34   | 12112 | 13  | 1.06    |
| 0117  | 52  | 14.96   | 3660  | 52  | 7.47    | 10632 | 39  | 24.06   | 10864 | 53  | 2.13    | 10999 | 9   | 15.68   | 12113 | 13  | 1.59    |
| 0118  | 52  | 16.73   | 3664  | 52  | 7.85    | 10633 | 39  | 39.07   | 10868 | 53  | 2.13    | 11004 | 54  | 1.50    | 12114 | 13  | 2.09    |
| 0119  | 52  | 27.67   | 3668  | 52  | 7.85    | 10637 | 39  | 57.91   | 10872 | 53  | 5.96    | 11005 | 54  | 1.50    | 12115 | 13  | 4.83    |
| 0150  | 52  | 1.02    | 3672  | 52  | 8.91    | 10645 | 39  | 23.86   | 10876 | 53  | 6.52    | 11006 | 54  | 1.50    | 12116 | 13  | 5.48    |
| 0152  | 52  | 1.02    | 3676  | 52  | 10.80   | 10649 | 39  | 2.36    | 10880 | 53  | 7.30    | 11007 | 54  | 1.50    | 12117 | 13  | 7.16    |
| 0154  | 52  | 1.09    | 3702  | 40  | 8.71    | 10650 | 39  | 2.64    | 10899 | 53  | 32.65   | 11008 | 54  | 1.50    | 12118 | 13  | 11.26   |
| 0156  | 52  | 1.21    | 3703  | 40  | 8.71    | 10652 | 39  | 2.94    | 10902 | 8   | 1.00    | 11009 | 54  | 1.50    | 12119 | 13  | 16.36   |
| 0158  | 52  | 1.26    | 3704  | 40  | 8.71    | 10654 | 39  | 2.95    | 10903 | 8   | 1.00    | 11010 | 54  | 1.50    | 12120 | 13  | 27.71   |
| 0160  | 52  | 1.29    | 3705  | 40  | 8.71    | 10656 | 39  | 2.99    | 10904 | 8   | 1.00    | 11011 | 54  | 1.50    | 12121 | 13  | 37.95   |
| 0162  | 52  | 1.49    | 3706  | 40  | 8.60    | 10658 | 39  | 4.07    | 10905 | 8   | 1.05    | 11012 | 54  | 1.50    | 12125 | 13  | 150.89  |
| 0164  | 52  | 1.65    | 3707  | 40  | 8.60    | 10660 | 39  | 3.61    | 10906 | 8   | 1.17    | 11013 | 54  | 5.61    | 12129 | 13  | 240.97  |
| 0166  | 52  | 1.91    | 3708  | 40  | 9.05    | 10662 | 39  | 4.98    | 10907 | 8   | 1.22    | 11014 | 54  | 5.85    | 12132 | 12  | 5.02    |
| 0168  | 52  | 2.20    | 3709  | 40  | 9.28    | 10664 | 39  | 4.76    | 10908 | 8   | 1.22    | 11016 | 54  | 6.62    | 12136 | 12  | 8.80    |
| 0170  | 52  | 2.97    | 3710  | 40  | 10.19   | 10666 | 39  | 6.93    | 10909 | 8   | 1.27    | 11036 | 54  | 31.88   | 12137 | 12  | 11.07   |
| 0172  | 52  | 3.51    | 3711  | 40  | 10.19   | 10668 | 39  | 5.45    | 10910 | 8   | 1.48    | 11052 | 54  | 1.50    | 12138 | 12  | 6.11    |
| 0174  | 52  | 4.22    | 3712  | 40  | 10.93   | 10670 | 39  | 8.52    | 10911 | 8   | 1.78    | 11054 | 54  | 1.50    | 12145 | 12  | 4.40    |
| 0176  | 52  | 5.13    | 3713  | 40  | 11.93   | 10672 | 39  | 8.30    | 10912 | 8   | 2.05    | 11056 | 54  | 1.50    | 12146 | 14  | 5.28    |
| 0178  | 52  | 9.46    | 3714  | 40  | 13.90   | 10674 | 39  | 11.12   | 10913 | 8   | 3.23    | 11060 | 54  | 1.50    | 12147 | 15  | 0.52    |
| 0180  | 52  | 11.34   | 3715  | 40  | 15.07   | 10676 | 39  | 9.58    | 10914 | 8   | 4.54    | 11064 | 54  | 1.50    | 12148 | 15  | 0.52    |
| 0184  | 52  | 14.18   | 3716  | 40  | 16.83   | 10686 | 39  | 20.75   | 10915 | 8   | 9.41    | 11068 | 54  | 1.50    | 12149 | 15  | 0.31    |
| 0186  | 52  | 22.51   | 3750  | 40  | 8.71    | 10687 | 39  | 23.13   | 10916 | 8   | 12.06   | 11072 | 54  | 5.61    | 12150 | 15  | 0.35    |
| 0188  | 52  | 26.69   | 3752  | 40  | 8.71    | 10699 | 39  | 45.64   | 10917 | 8   | 14.75   | 11076 | 54  | 6.08    | 12152 | 15  | 0.35    |
| 0404  | 52  | 1.79    | 3754  | 40  | 8.71    | 10704 | 39  | 3.22    | 10918 | 8   | 16.48   | 11080 | 54  | 6.52    | 12154 | 15  | 0.41    |
| 0405  | 52  | 1.79    | 3756  | 40  | 8.60    | 10705 | 39  | 3.33    | 10919 | 8   | 27.25   | 11099 | 54  | 28.05   | 12156 | 15  | 0.41    |
| 0406  | 52  | 1.79    | 3760  | 40  | 9.28    | 10706 | 39  | 3.66    | 10920 | 8   | 61.54   | 11331 | 24  | 43.52   | 12158 | 15  | 0.48    |
| 0407  | 52  | 2.10    | 3764  | 40  | 10.19   | 10707 | 39  | 3.98    | 10921 | 8   | 82.10   | 11332 | 24  | 49.01   | 12160 | 15  | 0.48    |
| 0408  | 52  | 2.10    | 3768  | 40  | 10.93   | 10708 | 39  | 4.31    | 10932 | 8   | 8.69    | 11346 | 24  | 31.46   | 12162 | 15  | 0.72    |
| 0409  | 52  | 3.05    | 3772  | 40  | 11.93   | 10709 | 39  | 5.14    | 10933 | 8   | 44.04   | 11600 | 44  | 4.89    | 12164 | 15  | 0.72    |
| 0410  | 52  | 3.13    | 3776  | 40  | 13.90   | 10710 | 39  | 5.71    | 10935 | 8   | 47.30   | 11601 | 44  | 5.59    | 12166 | 15  | 1.04    |
| 0411  | 52  | 3.64    | 10306 | 53  | 2.13    | 10711 | 39  | 6.39    | 10936 | 8   | 15.06   | 11602 | 44  | 6.00    | 12168 | 15  | 1.04    |
| 0412  | 52  | 4.50    | 10307 | 53  | 2.13    | 10712 | 39  | 7.43    | 10937 | 8   | 19.30   | 11603 | 44  | 6.68    | 12170 | 15  | 1.68    |
| 0413  | 52  | 6.58    | 10308 | 53  | 2.13    | 10713 | 39  | 8.87    | 10938 | 8   | 12.06   | 11604 | 44  | 7.42    | 12172 | 15  | 1.68    |
| 0414  | 52  | 7.34    | 10309 | 53  | 2.13    | 10714 | 39  | 10.51   | 10945 | 8   | 8.18    | 11640 | 44  | 22.61   | 12174 | 15  | 2.66    |
| 0452  | 52  | 1.79    | 10310 | 53  | 2.13    | 10733 | 39  | 52.06   | 10946 | 9   | 7.14    | 11706 | 24  | 5.07    | 12176 | 15  | 2.66    |
| 0454  | 52  | 1.79    | 10311 | 53  | 2.13    | 10737 | 39  | 63.65   | 10949 | 9   | 1.00    | 11707 | 24  | 5.07    | 12178 | 15  | 5.71    |
| 0456  | 52  | 2.10    | 10312 | 53  | 2.13    | 10752 | 39  | 3.31    | 10950 | 9   | 1.00    | 11708 | 24  | 5.07    | 12180 | 15  | 5.71    |
| 0460  | 52  | 2.40    | 10313 | 53  | 5.96    | 10754 | 39  | 3.55    | 10952 | 9   | 1.00    | 11709 | 24  | 5.07    | 12182 | 15  | 7.59    |
| 0464  | 52  | 3.22    | 10314 | 53  | 6.39    | 10756 | 39  | 4.18    | 10954 | 9   | 1.08    | 11710 | 24  | 5.49    | 12184 | 15  | 7.59    |
| 0468  | 52  | 4.13    | 10354 | 53  | 2.13    | 10760 | 39  | 4.52    | 10956 | 9   | 1.19    | 11715 | 24  | 5.68    | 12186 | 15  | 10.85   |
| 0472  | 52  | 5.53    | 10356 | 53  | 2.13    | 10764 | 39  | 6.18    | 10958 | 9   | 1.25    | 11720 | 24  | 5.85    | 12188 | 15  | 15.07   |
| 0476  | 52  | 8.39    | 10360 | 53  | 2.13    | 10768 | 39  | 6.60    | 10960 | 9   | 1.27    | 11725 | 24  | 6.28    | 12191 | 15  | 28.32   |
| 3602  | 52  | 6.93    | 10364 | 53  | 2.13    | 10772 | 39  | 9.15    | 10962 | 9   | 1.46    | 11727 | 24  | 6.49    | 12192 | 14  | 6.62    |
| 3603  | 52  | 6.93    | 10368 | 53  | 2.13    | 10776 | 39  | 11.28   | 10964 | 9   | 1.62    | 11730 | 24  | 6.68    | 12193 | 15  | 39.74   |
| 3604  | 52  | 6.93    | 10372 | 53  | 5.96    | 10804 | 53  | 2.13    | 10966 | 9   | 1.88    | 11740 | 24  | 7.48    | 12195 | 14  | 17.70   |
| 3605  | 52  | 6.99    | 10376 | 53  | 6.52    | 10805 | 53  | 2.13    | 10968 | 9   | 2.17    | 11745 | 24  | 8.91    | 12196 | 15  | 155.25  |

**Part Number Index**

| PART# | PG# | LIST EA |
|-------|-----|---------|-------|-----|---------|-------|-----|---------|-------|-----|---------|-------|-----|---------|-------|-----|---------|
| 12198 | 15  | 253.06  | 12295 | 15  | 63.29   | 12902 | 8   | 0.73    | 13208 | 31  | 4.74    | 13864 | 15  | 0.32    | 14138 | 6   | 47.45   |
| 12199 | 14  | 10.51   | 12296 | 15  | 75.92   | 12903 | 8   | 0.73    | 13252 | 31  | 4.47    | 13866 | 15  | 0.48    | 14170 | 7   | 25.72   |
| 12200 | 13  | 0.37    | 12298 | 15  | 94.86   | 12904 | 8   | 0.73    | 13254 | 31  | 4.47    | 13868 | 15  | 0.48    | 14187 | 6   | 22.61   |
| 12201 | 13  | 0.37    | 12299 | 14  | 8.38    | 12905 | 8   | 0.82    | 13256 | 31  | 4.74    | 13870 | 15  | 0.83    | 14189 | 6   | 25.25   |
| 12202 | 13  | 0.27    | 12333 | 12  | 9.26    | 12906 | 8   | 0.93    | 13305 | 34  | 3.93    | 13872 | 15  | 0.83    | 14532 | 29  | 13.51   |
| 12203 | 13  | 0.27    | 12335 | 12  | 8.23    | 12907 | 8   | 0.96    | 13306 | 34  | 4.22    | 13874 | 15  | 1.45    | 14534 | 29  | 13.51   |
| 12204 | 13  | 0.29    | 12338 | 12  | 5.95    | 12908 | 8   | 0.96    | 13307 | 34  | 4.35    | 13876 | 15  | 1.45    | 14585 | 29  | 9.78    |
| 12205 | 13  | 0.29    | 12339 | 12  | 44.66   | 12909 | 8   | 1.02    | 13308 | 34  | 4.47    | 13878 | 15  | 3.67    | 14587 | 29  | 7.45    |
| 12206 | 13  | 0.31    | 12341 | 12  | 6.68    | 12910 | 8   | 1.16    | 13309 | 34  | 4.61    | 13880 | 15  | 3.67    | 14589 | 29  | 6.93    |
| 12207 | 13  | 0.31    | 12342 | 12  | 19.30   | 12911 | 8   | 1.54    | 13310 | 34  | 4.74    | 13882 | 15  | 2.02    | 14590 | 29  | 4.71    |
| 12208 | 13  | 0.34    | 12343 | 12  | 16.51   | 12912 | 8   | 1.82    | 13311 | 34  | 5.00    | 13884 | 15  | 5.06    | 14591 | 29  | 5.49    |
| 12209 | 13  | 0.34    | 12344 | 12  | 31.98   | 12913 | 8   | 2.83    | 13312 | 34  | 5.27    | 13886 | 15  | 5.61    | 14592 | 29  | 5.69    |
| 12210 | 13  | 0.41    | 12345 | 12  | 4.92    | 12914 | 8   | 4.14    | 13313 | 34  | 8.57    | 13888 | 15  | 9.54    | 14595 | 29  | 10.35   |
| 12211 | 13  | 0.54    | 12347 | 12  | 7.97    | 12915 | 8   | 8.76    | 13314 | 34  | 9.86    | 13900 | 13  | 0.32    | 15204 | 34  | 3.04    |
| 12212 | 13  | 0.66    | 12349 | 14  | 63.24   | 12916 | 8   | 11.21   | 13332 | 33  | 32.86   | 13901 | 13  | 0.32    | 15205 | 34  | 3.04    |
| 12213 | 13  | 0.98    | 12351 | 12  | 54.49   | 12917 | 8   | 14.00   | 13338 | 33  | 48.63   | 13902 | 13  | 0.17    | 15206 | 34  | 3.11    |
| 12214 | 13  | 1.45    | 12391 | 14  | 18.79   | 12918 | 8   | 15.65   | 13348 | 33  | 31.04   | 13903 | 13  | 0.19    | 15207 | 34  | 3.45    |
| 12215 | 13  | 3.39    | 12392 | 14  | 5.59    | 12919 | 8   | 26.18   | 13352 | 34  | 4.47    | 13904 | 13  | 0.19    | 15208 | 34  | 3.67    |
| 12216 | 13  | 4.01    | 12393 | 14  | 26.55   | 12949 | 9   | 0.73    | 13354 | 34  | 4.47    | 13905 | 13  | 0.19    | 15209 | 34  | 3.86    |
| 12217 | 13  | 5.50    | 12394 | 14  | 44.61   | 12950 | 9   | 0.73    | 13356 | 34  | 4.74    | 13906 | 13  | 0.27    | 15210 | 34  | 4.27    |
| 12218 | 13  | 7.13    | 12396 | 14  | 34.57   | 12952 | 9   | 0.73    | 13360 | 34  | 5.14    | 13907 | 13  | 0.28    | 15211 | 34  | 4.38    |
| 12219 | 13  | 11.34   | 12397 | 14  | 37.88   | 12954 | 9   | 0.82    | 13364 | 34  | 5.80    | 13908 | 13  | 0.28    | 15212 | 34  | 4.98    |
| 12220 | 13  | 18.07   | 12399 | 14  | 8.44    | 12956 | 9   | 0.96    | 13368 | 34  | 6.46    | 13909 | 13  | 0.32    | 15213 | 34  | 8.08    |
| 12221 | 13  | 26.50   | 12522 | 27  | 15.11   | 12958 | 9   | 1.02    | 13372 | 34  | 9.09    | 13910 | 13  | 0.38    | 15214 | 34  | 9.00    |
| 12225 | 13  | 75.92   | 12531 | 29  | 24.68   | 12960 | 9   | 1.02    | 13376 | 34  | 10.40   | 13911 | 13  | 0.60    | 15216 | 34  | 19.09   |
| 12229 | 13  | 94.86   | 12533 | 27  | 29.55   | 12962 | 9   | 1.27    | 13387 | 33  | 44.30   | 13912 | 13  | 0.83    | 15232 | 33  | 30.79   |
| 12231 | 13  | 181.28  | 12540 | 28  | 7.97    | 12964 | 9   | 1.27    | 13389 | 33  | 48.08   | 13913 | 13  | 1.32    | 15238 | 33  | 46.21   |
| 12232 | 12  | 4.40    | 12543 | 28  | 7.97    | 12966 | 9   | 1.60    | 13390 | 33  | 52.42   | 13914 | 13  | 1.97    | 15248 | 33  | 23.03   |
| 12233 | 13  | 243.38  | 12544 | 27  | 22.30   | 12968 | 9   | 1.95    | 13532 | 43  | 66.03   | 13915 | 13  | 4.26    | 15252 | 34  | 3.11    |
| 12236 | 12  | 6.31    | 12545 | 28  | 7.97    | 12970 | 9   | 2.67    | 13546 | 43  | 44.51   | 13916 | 13  | 4.80    | 15254 | 34  | 3.11    |
| 12237 | 12  | 7.61    | 12547 | 28  | 7.97    | 12972 | 9   | 3.04    | 13800 | 13  | 0.23    | 13917 | 13  | 6.21    | 15256 | 34  | 3.39    |
| 12238 | 12  | 5.54    | 12550 | 27  | 10.66   | 12974 | 9   | 3.74    | 13801 | 13  | 0.23    | 13918 | 13  | 10.14   | 15260 | 34  | 3.86    |
| 12245 | 12  | 4.04    | 12585 | 27  | 10.97   | 12976 | 9   | 4.63    | 13802 | 13  | 0.13    | 13919 | 13  | 14.90   | 15264 | 34  | 4.22    |
| 12246 | 14  | 4.66    | 12587 | 27  | 8.33    | 12978 | 9   | 8.65    | 13803 | 13  | 0.13    | 13947 | 15  | 0.32    | 15268 | 34  | 5.38    |
| 12247 | 15  | 0.37    | 12589 | 27  | 7.76    | 12980 | 9   | 10.39   | 13804 | 13  | 0.16    | 13948 | 15  | 0.32    | 15270 | 34  | 8.48    |
| 12248 | 15  | 0.37    | 12591 | 27  | 6.00    | 12982 | 9   | 13.29   | 13805 | 13  | 0.16    | 13949 | 15  | 0.17    | 15272 | 34  | 8.48    |
| 12249 | 15  | 0.27    | 12592 | 27  | 6.26    | 12984 | 9   | 13.29   | 13806 | 13  | 0.17    | 13950 | 15  | 0.19    | 15274 | 34  | 9.41    |
| 12250 | 15  | 0.27    | 12594 | 29  | 24.68   | 12986 | 9   | 21.06   | 13807 | 13  | 0.17    | 13952 | 15  | 0.19    | 15276 | 34  | 9.41    |
| 12252 | 15  | 0.29    | 12595 | 27  | 11.64   | 12988 | 9   | 25.25   | 13808 | 13  | 0.19    | 13954 | 15  | 0.27    | 15287 | 33  | 40.93   |
| 12254 | 15  | 0.29    | 12632 | 28  | 15.01   | 13109 | 31  | 5.15    | 13809 | 13  | 0.19    | 13956 | 15  | 0.27    | 15289 | 33  | 44.61   |
| 12256 | 15  | 0.31    | 12634 | 28  | 15.37   | 13110 | 31  | 5.43    | 13810 | 13  | 0.27    | 13958 | 15  | 0.32    | 15290 | 33  | 49.94   |
| 12258 | 15  | 0.34    | 12636 | 28  | 15.27   | 13111 | 31  | 6.39    | 13811 | 13  | 0.39    | 13960 | 15  | 0.32    | 15299 | 33  | 41.39   |
| 12260 | 15  | 0.34    | 12638 | 28  | 18.01   | 13112 | 31  | 6.55    | 13812 | 13  | 0.48    | 13962 | 15  | 0.50    | 15304 | 34  | 4.61    |
| 12262 | 15  | 0.41    | 12699 | 23  | 20.49   | 13113 | 31  | 10.03   | 13813 | 13  | 0.79    | 13964 | 15  | 0.50    | 15305 | 34  | 4.61    |
| 12264 | 15  | 0.41    | 12706 | 43  | 7.29    | 13114 | 31  | 11.06   | 13814 | 13  | 1.19    | 13966 | 15  | 0.83    | 15306 | 34  | 4.91    |
| 12266 | 15  | 0.66    | 12707 | 43  | 7.29    | 13138 | 31  | 57.86   | 13815 | 13  | 2.78    | 13968 | 15  | 0.83    | 15307 | 34  | 5.21    |
| 12268 | 15  | 0.66    | 12708 | 43  | 7.29    | 13146 | 31  | 42.90   | 13816 | 13  | 3.27    | 13970 | 15  | 1.45    | 15308 | 34  | 5.35    |
| 12270 | 15  | 1.04    | 12709 | 43  | 7.29    | 13148 | 31  | 36.85   | 13817 | 13  | 4.62    | 13972 | 15  | 1.45    | 15309 | 34  | 5.52    |
| 12272 | 15  | 1.04    | 12710 | 43  | 7.69    | 13160 | 31  | 5.42    | 13818 | 13  | 6.07    | 13974 | 15  | 2.28    | 15310 | 34  | 5.62    |
| 12274 | 15  | 1.68    | 12715 | 43  | 7.69    | 13164 | 31  | 6.23    | 13819 | 13  | 9.76    | 13976 | 15  | 2.28    | 15311 | 34  | 6.63    |
| 12276 | 15  | 1.68    | 12720 | 43  | 7.90    | 13168 | 31  | 6.77    | 13847 | 15  | 0.23    | 13978 | 15  | 5.09    | 15312 | 34  | 6.79    |
| 12278 | 15  | 4.30    | 12725 | 43  | 8.11    | 13172 | 31  | 10.18   | 13848 | 15  | 0.23    | 13980 | 15  | 5.09    | 15313 | 34  | 9.92    |
| 12280 | 15  | 4.30    | 12727 | 43  | 8.54    | 13176 | 31  | 11.16   | 13849 | 15  | 0.13    | 13982 | 15  | 6.93    | 15314 | 34  | 10.95   |
| 12282 | 15  | 5.88    | 12730 | 43  | 9.11    | 13187 | 31  | 47.40   | 13850 | 15  | 0.13    | 13984 | 15  | 6.93    | 15316 | 34  | 24.20   |
| 12284 | 15  | 5.88    | 12740 | 43  | 9.74    | 13189 | 31  | 51.23   | 13852 | 15  | 0.16    | 13986 | 15  | 9.83    | 15332 | 33  | 44.61   |
| 12286 | 15  | 6.39    | 12745 | 43  | 11.55   | 13190 | 31  | 61.69   | 13854 | 15  | 0.16    | 13988 | 15  | 13.87   | 15338 | 33  | 65.52   |
| 12288 | 15  | 10.85   | 12750 | 43  | 13.78   | 13199 | 31  | 51.74   | 13856 | 15  | 0.17    | 14126 | 6   | 28.77   | 15348 | 33  | 35.03   |
| 12291 | 15  | 25.30   | 12755 | 43  | 16.55   | 13205 | 31  | 3.93    | 13858 | 15  | 0.19    | 14128 | 6   | 29.08   | 15352 | 34  | 5.21    |
| 12292 | 14  | 5.49    | 12894 | 27  | 15.27   | 13206 | 31  | 4.22    | 13860 | 15  | 0.19    | 14130 | 6   | 43.11   | 15354 | 34  | 5.21    |
| 12293 | 15  | 31.64   | 12897 | 27  | 15.27   | 13207 | 31  | 4.47    | 13862 | 15  | 0.32    | 14132 | 6   | 47.20   | 15356 | 34  | 5.52    |

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**Part Number Index**

| PART# | PG# | LIST EA |
|-------|-----|---------|-------|-----|---------|-------|-----|---------|-------|-----|---------|-------|-----|---------|-------|-----|---------|
| 15360 | 34  | 5.62    | 15613 | 35  | 5.11    | 15819 | 13  | 13.52   | 15976 | 15  | 3.16    | 16206 | 19  | 0.52    | 16537 | 11  | 23.70   |
| 15364 | 34  | 6.46    | 15614 | 35  | 6.22    | 15847 | 15  | 0.43    | 15978 | 15  | 6.79    | 16207 | 19  | 0.52    | 16538 | 11  | 14.80   |
| 15368 | 34  | 7.03    | 15702 | 8   | 1.09    | 15848 | 15  | 0.43    | 15980 | 15  | 6.79    | 16208 | 19  | 0.55    | 16549 | 11  | 1.28    |
| 15372 | 34  | 10.08   | 15703 | 8   | 1.09    | 15849 | 15  | 0.31    | 15982 | 15  | 9.04    | 16209 | 19  | 0.55    | 16550 | 11  | 1.28    |
| 15376 | 34  | 11.04   | 15704 | 8   | 1.09    | 15850 | 15  | 0.31    | 15984 | 15  | 9.04    | 16210 | 19  | 0.69    | 16552 | 11  | 1.28    |
| 15387 | 33  | 56.15   | 15705 | 8   | 1.13    | 15852 | 15  | 0.35    | 15986 | 15  | 12.91   | 16211 | 19  | 1.08    | 16554 | 11  | 1.35    |
| 15389 | 33  | 59.87   | 15706 | 8   | 1.27    | 15854 | 15  | 0.35    | 15988 | 15  | 17.93   | 16212 | 19  | 1.08    | 16556 | 11  | 1.58    |
| 15390 | 33  | 69.19   | 15707 | 8   | 1.31    | 15856 | 15  | 0.37    | 16002 | 8   | 1.14    | 16213 | 19  | 1.69    | 16560 | 11  | 1.64    |
| 15405 | 35  | 1.44    | 15708 | 8   | 1.31    | 15858 | 15  | 0.40    | 16003 | 8   | 1.14    | 16214 | 19  | 2.82    | 16564 | 11  | 2.10    |
| 15406 | 35  | 1.51    | 15709 | 8   | 1.38    | 15860 | 15  | 0.40    | 16004 | 8   | 1.14    | 16215 | 19  | 5.75    | 16568 | 11  | 2.74    |
| 15407 | 35  | 1.51    | 15710 | 8   | 1.59    | 15862 | 15  | 0.48    | 16005 | 8   | 1.19    | 16216 | 19  | 5.75    | 16572 | 11  | 4.44    |
| 15408 | 35  | 1.69    | 15711 | 8   | 1.91    | 15864 | 15  | 0.48    | 16006 | 8   | 1.24    | 16217 | 19  | 7.26    | 16576 | 11  | 6.55    |
| 15409 | 35  | 1.81    | 15712 | 8   | 2.21    | 15866 | 15  | 0.77    | 16007 | 8   | 1.35    | 16218 | 19  | 9.39    | 16592 | 11  | 11.70   |
| 15410 | 35  | 2.23    | 15713 | 8   | 3.51    | 15868 | 15  | 0.77    | 16008 | 8   | 1.40    | 16219 | 19  | 14.52   | 16599 | 11  | 19.25   |
| 15411 | 35  | 3.01    | 15714 | 8   | 4.91    | 15870 | 15  | 1.20    | 16009 | 8   | 1.45    | 16236 | 19  | 8.69    | 16602 | 41  | 3.44    |
| 15412 | 35  | 3.37    | 15715 | 8   | 10.14   | 15872 | 15  | 1.20    | 16010 | 8   | 1.66    | 16237 | 19  | 11.64   | 16603 | 41  | 3.75    |
| 15413 | 35  | 6.15    | 15716 | 8   | 12.98   | 15874 | 15  | 2.01    | 16011 | 8   | 1.97    | 16238 | 19  | 7.19    | 16604 | 41  | 4.25    |
| 15414 | 35  | 7.59    | 15717 | 8   | 15.88   | 15876 | 15  | 2.01    | 16012 | 8   | 2.48    | 16246 | 19  | 6.00    | 16605 | 41  | 4.25    |
| 15432 | 35  | 18.06   | 15718 | 8   | 17.75   | 15878 | 15  | 5.09    | 16013 | 8   | 3.88    | 16247 | 19  | 0.64    | 16606 | 41  | 4.39    |
| 15438 | 35  | 33.79   | 15719 | 8   | 29.34   | 15880 | 15  | 5.09    | 16014 | 8   | 5.69    | 16248 | 19  | 0.64    | 16607 | 41  | 4.39    |
| 15448 | 35  | 14.49   | 15749 | 9   | 1.09    | 15882 | 15  | 6.99    | 16037 | 8   | 23.29   | 16249 | 19  | 0.43    | 16608 | 41  | 5.27    |
| 15452 | 35  | 1.81    | 15750 | 9   | 1.09    | 15884 | 15  | 6.99    | 16050 | 9   | 1.14    | 16250 | 19  | 0.43    | 16609 | 41  | 5.27    |
| 15454 | 35  | 1.81    | 15752 | 9   | 1.09    | 15886 | 15  | 7.59    | 16052 | 9   | 1.14    | 16252 | 19  | 0.48    | 16610 | 41  | 6.88    |
| 15456 | 35  | 1.81    | 15754 | 9   | 1.15    | 15888 | 15  | 12.90   | 16054 | 9   | 1.24    | 16254 | 19  | 0.48    | 16611 | 41  | 7.87    |
| 15460 | 35  | 2.17    | 15756 | 9   | 1.29    | 15900 | 13  | 0.65    | 16056 | 9   | 1.35    | 16256 | 19  | 0.52    | 16612 | 41  | 7.87    |
| 15464 | 35  | 3.01    | 15758 | 9   | 1.35    | 15901 | 13  | 0.65    | 16060 | 9   | 1.50    | 16258 | 19  | 0.55    | 16613 | 41  | 12.01   |
| 15468 | 35  | 3.56    | 15760 | 9   | 1.38    | 15902 | 13  | 0.37    | 16064 | 9   | 1.86    | 16260 | 19  | 0.55    | 16614 | 41  | 13.87   |
| 15472 | 35  | 6.26    | 15762 | 9   | 1.58    | 15903 | 13  | 0.40    | 16068 | 9   | 2.54    | 16262 | 19  | 0.69    | 16615 | 41  | 25.14   |
| 15476 | 35  | 7.76    | 15764 | 9   | 1.74    | 15904 | 13  | 0.40    | 16072 | 9   | 4.04    | 16264 | 19  | 0.69    | 16616 | 41  | 29.40   |
| 15487 | 35  | 29.55   | 15766 | 9   | 2.03    | 15905 | 13  | 0.40    | 16076 | 9   | 5.85    | 16266 | 19  | 1.08    | 16632 | 41  | 32.55   |
| 15505 | 35  | 1.62    | 15768 | 9   | 2.33    | 15906 | 13  | 0.48    | 16099 | 9   | 18.84   | 16268 | 19  | 1.08    | 16637 | 41  | 78.76   |
| 15506 | 35  | 1.69    | 15770 | 9   | 3.16    | 15907 | 13  | 0.50    | 16100 | 19  | 0.88    | 16270 | 19  | 1.69    | 16649 | 41  | 3.44    |
| 15507 | 35  | 1.69    | 15772 | 9   | 3.74    | 15908 | 13  | 0.50    | 16101 | 19  | 0.88    | 16272 | 19  | 1.69    | 16650 | 41  | 3.75    |
| 15508 | 35  | 1.86    | 15774 | 9   | 4.48    | 15909 | 13  | 0.57    | 16102 | 19  | 0.52    | 16274 | 19  | 2.82    | 16652 | 41  | 4.25    |
| 15509 | 35  | 2.05    | 15776 | 9   | 5.45    | 15910 | 13  | 0.65    | 16103 | 19  | 0.55    | 16276 | 19  | 2.82    | 16654 | 41  | 4.25    |
| 15510 | 35  | 2.54    | 15778 | 9   | 10.04   | 15911 | 13  | 0.92    | 16104 | 19  | 0.55    | 16278 | 19  | 5.75    | 16656 | 41  | 4.39    |
| 15511 | 35  | 3.50    | 15780 | 9   | 12.05   | 15912 | 13  | 1.22    | 16105 | 19  | 0.69    | 16280 | 19  | 5.75    | 16660 | 41  | 5.26    |
| 15512 | 35  | 4.10    | 15782 | 9   | 15.07   | 15913 | 13  | 1.89    | 16106 | 19  | 0.69    | 16284 | 19  | 7.51    | 16664 | 41  | 6.88    |
| 15513 | 35  | 6.93    | 15784 | 9   | 15.07   | 15914 | 13  | 2.73    | 16107 | 19  | 0.69    | 16286 | 19  | 8.76    | 16668 | 41  | 7.87    |
| 15514 | 35  | 8.67    | 15786 | 9   | 23.87   | 15915 | 13  | 5.76    | 16108 | 19  | 0.81    | 16288 | 19  | 14.52   | 16672 | 41  | 12.01   |
| 15532 | 35  | 21.17   | 15788 | 9   | 28.33   | 15916 | 13  | 6.52    | 16109 | 19  | 0.81    | 16292 | 19  | 7.35    | 16676 | 41  | 13.87   |
| 15538 | 35  | 38.55   | 15800 | 13  | 0.43    | 15917 | 13  | 8.52    | 16110 | 19  | 1.19    | 16299 | 19  | 10.76   | 16686 | 41  | 30.12   |
| 15548 | 35  | 15.68   | 15801 | 13  | 0.43    | 15918 | 13  | 13.39   | 16111 | 19  | 1.69    | 16456 | 34  | 7.76    | 16699 | 41  | 65.00   |
| 15552 | 35  | 2.05    | 15802 | 13  | 0.31    | 15919 | 13  | 19.49   | 16112 | 19  | 1.69    | 16460 | 34  | 9.21    | 16702 | 18  | 1.69    |
| 15554 | 35  | 2.05    | 15803 | 13  | 0.31    | 15947 | 15  | 0.65    | 16113 | 19  | 2.82    | 16464 | 34  | 9.47    | 16703 | 18  | 1.69    |
| 15556 | 35  | 2.05    | 15804 | 13  | 0.35    | 15948 | 15  | 0.65    | 16114 | 19  | 4.39    | 16468 | 34  | 11.64   | 16704 | 18  | 1.69    |
| 15560 | 35  | 2.41    | 15805 | 13  | 0.35    | 15949 | 15  | 0.37    | 16115 | 19  | 9.00    | 16472 | 34  | 12.21   | 16705 | 18  | 1.74    |
| 15564 | 35  | 3.25    | 15806 | 13  | 0.37    | 15950 | 15  | 0.40    | 16116 | 19  | 9.00    | 16502 | 11  | 1.28    | 16706 | 18  | 2.01    |
| 15568 | 35  | 3.80    | 15807 | 13  | 0.37    | 15952 | 15  | 0.40    | 16117 | 19  | 10.01   | 16503 | 11  | 1.28    | 16707 | 18  | 2.07    |
| 15572 | 35  | 7.05    | 15808 | 13  | 0.40    | 15954 | 15  | 0.48    | 16118 | 19  | 14.40   | 16504 | 11  | 1.28    | 16708 | 18  | 2.07    |
| 15576 | 35  | 9.05    | 15809 | 13  | 0.40    | 15956 | 15  | 0.48    | 16119 | 19  | 19.40   | 16505 | 11  | 1.35    | 16709 | 18  | 2.12    |
| 15587 | 35  | 32.81   | 15810 | 13  | 0.48    | 15958 | 15  | 0.57    | 16136 | 19  | 12.32   | 16506 | 11  | 1.52    | 16710 | 18  | 2.43    |
| 15605 | 35  | 1.23    | 15811 | 13  | 0.67    | 15960 | 15  | 0.57    | 16137 | 19  | 16.30   | 16507 | 11  | 1.58    | 16711 | 18  | 2.93    |
| 15606 | 35  | 1.23    | 15812 | 13  | 0.77    | 15962 | 15  | 0.87    | 16138 | 19  | 8.64    | 16508 | 11  | 1.58    | 16712 | 18  | 3.44    |
| 15607 | 35  | 1.28    | 15813 | 13  | 1.18    | 15964 | 15  | 0.87    | 16200 | 19  | 0.64    | 16509 | 11  | 1.64    | 16713 | 18  | 5.32    |
| 15608 | 35  | 1.40    | 15814 | 13  | 1.72    | 15966 | 15  | 1.22    | 16201 | 19  | 0.64    | 16510 | 11  | 1.87    | 16714 | 18  | 7.51    |
| 15609 | 35  | 1.50    | 15815 | 13  | 4.04    | 15968 | 15  | 1.22    | 16202 | 19  | 0.43    | 16511 | 11  | 2.28    | 16737 | 18  | 32.55   |
| 15610 | 35  | 1.89    | 15816 | 13  | 4.76    | 15970 | 15  | 2.01    | 16203 | 19  | 0.43    | 16512 | 11  | 2.64    | 16738 | 18  | 20.34   |
| 15611 | 35  | 2.55    | 15817 | 13  | 6.53    | 15972 | 15  | 2.01    | 16204 | 19  | 0.50    | 16513 | 11  | 4.10    | 16749 | 18  | 1.69    |
| 15612 | 35  | 2.92    | 15818 | 13  | 8.49    | 15974 | 15  | 3.16    | 16205 | 19  | 0.50    | 16514 | 11  | 5.73    | 16750 | 18  | 1.69    |

**Part Number Index**

| PART# | PG# | LIST EA |
|-------|-----|---------|-------|-----|---------|-------|-----|---------|-------|-----|---------|-------|-----|---------|-------|-----|---------|
| 16752 | 18  | 1.69    | 17150 | 19  | 0.55    | 22372 | 54  | 14.43   | 26211 | 19  | 0.90    | 26750 | 18  | 1.54    | 27903 | 20  | 1.08    |
| 16754 | 18  | 1.74    | 17152 | 19  | 0.55    | 22376 | 54  | 14.43   | 26212 | 19  | 0.90    | 26752 | 18  | 1.54    | 27904 | 20  | 1.08    |
| 16756 | 18  | 2.01    | 17154 | 19  | 0.69    | 22437 | 51  | 83.78   | 26213 | 19  | 1.44    | 26754 | 18  | 1.58    | 27905 | 20  | 1.24    |
| 16760 | 18  | 2.12    | 17156 | 19  | 0.69    | 22489 | 51  | 74.62   | 26214 | 19  | 2.50    | 26756 | 18  | 1.80    | 27906 | 20  | 1.37    |
| 16764 | 18  | 2.68    | 17158 | 19  | 0.81    | 22491 | 51  | 58.84   | 26247 | 19  | 0.38    | 26760 | 18  | 1.93    | 27907 | 20  | 1.51    |
| 16768 | 18  | 3.57    | 17160 | 19  | 0.81    | 22704 | 12  | 0.96    | 26248 | 19  | 0.38    | 26764 | 18  | 2.42    | 27908 | 20  | 1.51    |
| 16772 | 18  | 5.82    | 17162 | 19  | 1.19    | 22705 | 12  | 0.96    | 26249 | 19  | 0.26    | 26768 | 18  | 3.22    | 27909 | 20  | 1.57    |
| 16776 | 18  | 8.45    | 17164 | 19  | 1.19    | 22706 | 12  | 0.96    | 26250 | 19  | 0.26    | 26772 | 18  | 5.25    | 27910 | 20  | 1.77    |
| 16792 | 18  | 16.15   | 17166 | 19  | 1.69    | 22707 | 12  | 0.98    | 26252 | 19  | 0.29    | 26776 | 18  | 7.61    | 27911 | 20  | 2.30    |
| 16799 | 18  | 26.39   | 17168 | 19  | 1.69    | 22708 | 12  | 1.04    | 26254 | 19  | 0.29    | 26902 | 17  | 1.02    | 27912 | 20  | 2.68    |
| 16902 | 17  | 1.31    | 17170 | 19  | 2.82    | 22709 | 12  | 1.04    | 26256 | 19  | 0.36    | 26903 | 17  | 1.02    | 27913 | 20  | 4.25    |
| 16903 | 17  | 1.31    | 17172 | 19  | 2.82    | 22710 | 12  | 1.13    | 26258 | 19  | 0.38    | 26904 | 17  | 1.02    | 27914 | 20  | 5.96    |
| 16904 | 17  | 1.31    | 17174 | 19  | 4.39    | 22711 | 12  | 1.18    | 26260 | 19  | 0.38    | 26905 | 17  | 1.19    | 28049 | 20  | 1.08    |
| 16905 | 17  | 1.37    | 17176 | 19  | 4.39    | 22712 | 12  | 1.28    | 26262 | 19  | 0.55    | 26906 | 17  | 1.31    | 28050 | 20  | 1.08    |
| 16906 | 17  | 1.57    | 17178 | 19  | 9.00    | 22713 | 12  | 1.73    | 26264 | 19  | 0.55    | 26907 | 17  | 1.44    | 28052 | 20  | 1.08    |
| 16907 | 17  | 1.62    | 17180 | 19  | 9.00    | 22714 | 12  | 2.55    | 26266 | 19  | 0.90    | 26908 | 17  | 1.44    | 28054 | 20  | 1.24    |
| 16908 | 17  | 1.62    | 17184 | 19  | 10.01   | 22789 | 12  | 16.25   | 26268 | 19  | 0.90    | 26909 | 17  | 1.50    | 28056 | 20  | 1.37    |
| 16909 | 17  | 1.69    | 17186 | 19  | 13.76   | 23246 | 49  | 45.02   | 26270 | 19  | 1.44    | 26910 | 17  | 1.69    | 28058 | 20  | 1.57    |
| 16910 | 17  | 1.95    | 17188 | 19  | 18.14   | 23290 | 51  | 71.36   | 26272 | 19  | 1.44    | 26911 | 17  | 2.17    | 28060 | 20  | 1.57    |
| 16911 | 17  | 2.33    | 17192 | 19  | 9.68    | 23296 | 49  | 74.62   | 26274 | 19  | 2.50    | 26912 | 17  | 2.56    | 28062 | 20  | 1.77    |
| 16912 | 17  | 2.68    | 17195 | 19  | 27.48   | 23298 | 49  | 65.93   | 26276 | 19  | 2.50    | 26913 | 17  | 4.07    | 28064 | 20  | 1.98    |
| 16913 | 17  | 4.25    | 17199 | 19  | 15.37   | 23299 | 49  | 64.69   | 26278 | 19  | 5.38    | 26914 | 17  | 5.69    | 28066 | 20  | 2.49    |
| 16914 | 17  | 5.99    | 17934 | 31  | 3.47    | 23445 | 50  | 53.77   | 26280 | 19  | 5.38    | 26999 | 7   | 42.12   | 28068 | 20  | 2.76    |
| 16915 | 17  | 11.00   | 17935 | 31  | 3.47    | 23487 | 50  | 60.91   | 26502 | 11  | 1.16    | 27049 | 17  | 1.02    | 28070 | 20  | 3.81    |
| 16916 | 17  | 13.76   | 17936 | 31  | 3.47    | 25404 | 12  | 2.92    | 26503 | 11  | 1.16    | 27050 | 17  | 1.02    | 28072 | 20  | 4.52    |
| 16917 | 17  | 17.51   | 18032 | 44  | 1.04    | 25405 | 12  | 3.03    | 26504 | 11  | 1.16    | 27052 | 17  | 1.02    | 28074 | 20  | 5.57    |
| 16918 | 17  | 20.01   | 18036 | 44  | 1.29    | 25406 | 12  | 3.08    | 26505 | 11  | 1.21    | 27054 | 17  | 1.19    | 28076 | 20  | 6.82    |
| 16919 | 17  | 30.02   | 18037 | 44  | 1.55    | 25407 | 12  | 3.08    | 26506 | 11  | 1.38    | 27056 | 17  | 1.31    | 28078 | 20  | 11.27   |
| 16936 | 17  | 19.98   | 18038 | 44  | 1.29    | 25408 | 12  | 3.14    | 26507 | 11  | 1.43    | 27058 | 17  | 1.50    | 28080 | 20  | 11.27   |
| 16937 | 17  | 25.62   | 18045 | 44  | 1.04    | 25409 | 12  | 3.14    | 26508 | 11  | 1.43    | 27060 | 17  | 1.50    | 28100 | 21  | 0.51    |
| 16938 | 17  | 15.99   | 18046 | 44  | 1.04    | 25410 | 12  | 3.35    | 26509 | 11  | 1.48    | 27062 | 17  | 1.69    | 28101 | 21  | 0.51    |
| 16999 | 17  | 18.73   | 18099 | 44  | 1.29    | 25411 | 12  | 3.41    | 26510 | 11  | 1.68    | 27064 | 17  | 1.88    | 28102 | 21  | 0.35    |
| 17046 | 17  | 9.42    | 20196 | 6   | 29.03   | 25412 | 12  | 3.73    | 26511 | 11  | 2.06    | 27066 | 17  | 2.38    | 28103 | 21  | 0.39    |
| 17049 | 17  | 1.31    | 20199 | 6   | 32.91   | 25445 | 12  | 22.51   | 26512 | 11  | 2.37    | 27068 | 17  | 2.62    | 28104 | 21  | 0.39    |
| 17050 | 17  | 1.31    | 20399 | 7   | 46.63   | 26100 | 19  | 0.50    | 26513 | 11  | 3.67    | 27070 | 17  | 3.62    | 28105 | 21  | 0.50    |
| 17052 | 17  | 1.31    | 20499 | 6   | 50.77   | 26101 | 19  | 0.50    | 26514 | 11  | 5.15    | 27072 | 17  | 4.32    | 28106 | 21  | 0.50    |
| 17054 | 17  | 1.37    | 20599 | 6   | 40.57   | 26102 | 19  | 0.33    | 26549 | 11  | 1.16    | 27074 | 17  | 5.32    | 28107 | 21  | 0.50    |
| 17056 | 17  | 1.57    | 20699 | 6   | 40.00   | 26103 | 19  | 0.38    | 26550 | 11  | 1.16    | 27076 | 17  | 6.52    | 28108 | 21  | 0.57    |
| 17058 | 17  | 1.69    | 20899 | 7   | 44.92   | 26104 | 19  | 0.38    | 26552 | 11  | 1.16    | 27078 | 17  | 10.76   | 28109 | 21  | 0.57    |
| 17060 | 17  | 1.69    | 22199 | 6   | 20.44   | 26105 | 19  | 0.49    | 26554 | 11  | 1.21    | 27080 | 17  | 10.76   | 28110 | 21  | 0.90    |
| 17062 | 17  | 1.95    | 22302 | 54  | 14.43   | 26106 | 19  | 0.49    | 26556 | 11  | 1.43    | 27147 | 19  | 0.50    | 28111 | 21  | 1.48    |
| 17064 | 17  | 2.12    | 22303 | 54  | 14.43   | 26107 | 19  | 0.49    | 26560 | 11  | 1.48    | 27148 | 19  | 0.50    | 28112 | 21  | 1.48    |
| 17066 | 17  | 2.50    | 22304 | 54  | 14.43   | 26108 | 19  | 0.55    | 26564 | 11  | 1.89    | 27149 | 19  | 0.34    | 28113 | 21  | 2.57    |
| 17068 | 17  | 2.82    | 22305 | 54  | 14.43   | 26109 | 19  | 0.55    | 26568 | 11  | 2.47    | 27150 | 19  | 0.38    | 28114 | 21  | 4.06    |
| 17070 | 17  | 3.81    | 22306 | 54  | 14.43   | 26110 | 19  | 0.88    | 26572 | 11  | 4.01    | 27152 | 19  | 0.38    | 28200 | 21  | 0.39    |
| 17072 | 17  | 4.56    | 22307 | 54  | 14.43   | 26111 | 19  | 1.44    | 26576 | 11  | 5.90    | 27154 | 19  | 0.49    | 28201 | 21  | 0.39    |
| 17074 | 17  | 5.43    | 22308 | 54  | 14.43   | 26112 | 19  | 1.44    | 26702 | 18  | 1.54    | 27156 | 19  | 0.49    | 28202 | 21  | 0.27    |
| 17076 | 17  | 6.62    | 22309 | 54  | 14.43   | 26113 | 19  | 2.50    | 26703 | 18  | 1.54    | 27158 | 19  | 0.55    | 28203 | 21  | 0.27    |
| 17078 | 17  | 11.00   | 22310 | 54  | 14.43   | 26114 | 19  | 3.94    | 26704 | 18  | 1.54    | 27160 | 19  | 0.55    | 28204 | 21  | 0.30    |
| 17080 | 17  | 11.00   | 22311 | 54  | 14.43   | 26200 | 19  | 0.38    | 26705 | 18  | 1.58    | 27162 | 19  | 0.88    | 28205 | 21  | 0.30    |
| 17084 | 17  | 15.64   | 22312 | 54  | 14.43   | 26201 | 19  | 0.38    | 26706 | 18  | 1.80    | 27164 | 19  | 0.88    | 28206 | 21  | 0.36    |
| 17086 | 17  | 23.77   | 22313 | 54  | 14.43   | 26202 | 19  | 0.26    | 26707 | 18  | 1.86    | 27166 | 19  | 1.44    | 28207 | 21  | 0.36    |
| 17088 | 17  | 30.02   | 22314 | 54  | 14.43   | 26203 | 19  | 0.26    | 26708 | 18  | 1.86    | 27168 | 19  | 1.44    | 28208 | 21  | 0.39    |
| 17092 | 17  | 12.68   | 22350 | 54  | 14.43   | 26204 | 19  | 0.29    | 26709 | 18  | 1.93    | 27170 | 19  | 2.50    | 28209 | 21  | 0.39    |
| 17095 | 17  | 34.83   | 22352 | 54  | 14.43   | 26205 | 19  | 0.29    | 26710 | 18  | 2.19    | 27172 | 19  | 2.50    | 28210 | 21  | 0.57    |
| 17099 | 17  | 20.80   | 22354 | 54  | 14.43   | 26206 | 19  | 0.36    | 26711 | 18  | 2.65    | 27174 | 19  | 3.94    | 28211 | 21  | 0.92    |
| 17146 | 19  | 7.45    | 22356 | 54  | 14.43   | 26207 | 19  | 0.36    | 26712 | 18  | 3.09    | 27176 | 19  | 3.94    | 28212 | 21  | 0.92    |
| 17147 | 19  | 0.88    | 22360 | 54  | 14.43   | 26208 | 19  | 0.38    | 26713 | 18  | 4.78    | 27178 | 19  | 8.82    | 28213 | 21  | 1.48    |
| 17148 | 19  | 0.88    | 22364 | 54  | 14.43   | 26209 | 19  | 0.38    | 26714 | 18  | 6.76    | 27180 | 19  | 8.82    | 28214 | 21  | 2.57    |
| 17149 | 19  | 0.52    | 22368 | 54  | 14.43   | 26210 | 19  | 0.55    | 26749 | 18  | 1.54    | 27902 | 20  | 1.08    | 28247 | 21  | 0.39    |

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**Part Number Index**

| PART# | PG# | LIST EA | PART# | PG# | LIST EA | PART# | PG#    | LIST EA | PART# | PG# | LIST EA | PART# | PG#    | LIST EA | PART# | PG# | LIST EA |
|-------|-----|---------|-------|-----|---------|-------|--------|---------|-------|-----|---------|-------|--------|---------|-------|-----|---------|
| 28248 | 21  | 0.39    | 31456 | 50  | 7.25    | 31809 | 23     | 3.04    | 32745 | 23  | 2.34    | 33286 | 49     | 11.80   | 33909 | 25  | 4.38    |
| 28249 | 21  | 0.27    | 31460 | 50  | 7.25    | 31810 | 23     | 1.69    | 32750 | 23  | 2.64    | 33288 | 49     | 12.94   | 33910 | 25  | 4.38    |
| 28250 | 21  | 0.27    | 31464 | 50  | 7.45    | 31815 | 23     | 1.76    | 32755 | 23  | 4.51    | 33291 | 49     | 22.25   | 33915 | 25  | 4.65    |
| 28252 | 21  | 0.30    | 31468 | 50  | 7.66    | 31820 | 23     | 1.82    | 32760 | 23  | 6.31    | 33293 | 49     | 23.81   | 33920 | 25  | 5.13    |
| 28254 | 21  | 0.30    | 31470 | 50  | 7.87    | 31825 | 23     | 1.94    | 32806 | 23  | 3.05    | 33295 | 49     | 28.98   | 33945 | 25  | 33.74   |
| 28256 | 21  | 0.36    | 31472 | 50  | 8.07    | 31827 | 23     | 1.99    | 32807 | 23  | 2.74    | 33297 | 49     | 40.37   | 34008 | 51  | 10.45   |
| 28258 | 21  | 0.39    | 31474 | 50  | 8.28    | 31830 | 23     | 2.23    | 32808 | 23  | 2.74    | 33298 | 49     | 55.17   | 34009 | 51  | 10.45   |
| 28260 | 21  | 0.39    | 31476 | 50  | 8.69    | 31832 | 23     | 19.15   | 32809 | 23  | 2.74    | 33299 | 49     | 53.87   | 34010 | 51  | 10.45   |
| 28262 | 21  | 0.57    | 31480 | 50  | 9.94    | 31834 | 23     | 16.51   | 32810 | 23  | 1.29    | 33406 | 16, 24 | 4.55    | 34015 | 51  | 9.47    |
| 28264 | 21  | 0.57    | 31484 | 50  | 10.35   | 31840 | 23     | 2.40    | 32815 | 23  | 1.40    | 33407 | 16, 24 | 4.22    | 34020 | 51  | 9.47    |
| 28266 | 21  | 0.92    | 31486 | 50  | 12.42   | 31845 | 23     | 3.27    | 32820 | 23  | 1.50    | 33408 | 16, 24 | 4.22    | 34025 | 51  | 9.52    |
| 28268 | 21  | 0.92    | 31487 | 50  | 50.09   | 31850 | 23     | 4.10    | 32825 | 23  | 1.76    | 33409 | 16, 24 | 4.22    | 34027 | 51  | 9.57    |
| 28270 | 21  | 1.48    | 31488 | 50  | 13.97   | 31855 | 23     | 6.15    | 32827 | 23  | 1.76    | 33410 | 16, 24 | 2.23    | 34030 | 51  | 9.94    |
| 28272 | 21  | 1.48    | 31607 | 50  | 7.25    | 31860 | 23     | 8.08    | 32830 | 23  | 1.97    | 33415 | 16, 24 | 2.28    | 34032 | 51  | 44.56   |
| 28274 | 21  | 2.57    | 31609 | 50  | 7.45    | 32000 | 51     | 36.23   | 32840 | 23  | 2.17    | 33420 | 16, 24 | 2.40    | 34040 | 51  | 10.97   |
| 28276 | 21  | 2.57    | 31610 | 50  | 7.87    | 32007 | 51     | 10.34   | 32845 | 23  | 2.74    | 33425 | 16, 24 | 2.51    | 34099 | 51  | 50.30   |
| 28278 | 21  | 5.53    | 31611 | 50  | 8.12    | 32008 | 51     | 10.34   | 32850 | 23  | 3.36    | 33427 | 16, 24 | 2.75    | 34405 | 25  | 3.52    |
| 28280 | 21  | 5.53    | 31612 | 50  | 9.26    | 32009 | 51     | 10.34   | 32855 | 23  | 5.38    | 33430 | 16, 24 | 2.79    | 34406 | 25  | 3.52    |
| 29147 | 21  | 0.51    | 31613 | 50  | 9.47    | 32010 | 51     | 10.34   | 32860 | 23  | 7.13    | 33440 | 16, 24 | 2.93    | 34407 | 25  | 3.52    |
| 29148 | 21  | 0.51    | 31614 | 50  | 10.92   | 32015 | 51     | 9.26    | 33009 | 37  | 5.03    | 33607 | 49     | 6.78    | 34408 | 25  | 3.52    |
| 29149 | 21  | 0.35    | 31616 | 50  | 14.85   | 32020 | 51     | 9.16    | 33010 | 37  | 5.27    | 33609 | 49     | 6.78    | 34409 | 25  | 3.52    |
| 29150 | 21  | 0.39    | 31617 | 50  | 17.03   | 32025 | 51     | 9.16    | 33015 | 37  | 5.61    | 33610 | 49     | 7.04    | 34410 | 25  | 3.52    |
| 29152 | 21  | 0.39    | 31618 | 50  | 18.68   | 32027 | 51     | 9.26    | 33020 | 37  | 5.85    | 33611 | 49     | 7.30    | 34415 | 25  | 3.52    |
| 29154 | 21  | 0.50    | 31619 | 50  | 24.79   | 32030 | 51     | 9.26    | 33025 | 37  | 6.09    | 33612 | 49     | 7.56    | 34420 | 25  | 3.52    |
| 29156 | 21  | 0.50    | 31645 | 50  | 48.39   | 32037 | 51     | 72.97   | 33027 | 37  | 6.44    | 33613 | 49     | 8.69    | 34445 | 25  | 28.05   |
| 29158 | 21  | 0.57    | 31656 | 50  | 7.25    | 32038 | 51     | 52.99   | 33030 | 37  | 6.78    | 33614 | 49     | 10.04   | 34505 | 42  | 5.85    |
| 29160 | 21  | 0.57    | 31660 | 50  | 7.45    | 32040 | 51     | 10.30   | 33034 | 37  | 52.63   | 33616 | 49     | 13.77   | 34506 | 42  | 4.56    |
| 29162 | 21  | 0.90    | 31664 | 50  | 7.87    | 32045 | 51     | 10.35   | 33040 | 37  | 7.61    | 33617 | 49     | 15.58   | 34507 | 42  | 4.44    |
| 29164 | 21  | 0.90    | 31668 | 50  | 8.44    | 32047 | 51     | 10.51   | 33045 | 37  | 8.49    | 33618 | 49     | 17.23   | 34508 | 42  | 4.44    |
| 29166 | 21  | 1.48    | 31670 | 50  | 9.47    | 32050 | 51     | 10.66   | 33050 | 37  | 9.94    | 33619 | 49     | 22.72   | 34509 | 42  | 4.79    |
| 29168 | 21  | 1.48    | 31672 | 50  | 10.25   | 32055 | 51     | 11.13   | 33055 | 37  | 12.88   | 33645 | 49     | 49.16   | 34510 | 42  | 5.03    |
| 29170 | 21  | 2.57    | 31674 | 50  | 10.30   | 32060 | 51     | 12.21   | 33200 | 49  | 46.58   | 33646 | 49     | 40.52   | 34515 | 42  | 5.14    |
| 29172 | 21  | 2.57    | 31676 | 50  | 11.23   | 32070 | 51     | 20.70   | 33207 | 49  | 6.62    | 33656 | 49     | 6.73    | 34520 | 42  | 5.61    |
| 29174 | 21  | 4.06    | 31680 | 50  | 14.18   | 32080 | 51     | 21.22   | 33209 | 49  | 6.62    | 33660 | 49     | 6.73    | 34525 | 42  | 6.20    |
| 29176 | 21  | 4.06    | 31684 | 50  | 15.32   | 32090 | 51     | 31.05   | 33210 | 49  | 6.78    | 33664 | 49     | 7.09    | 34527 | 42  | 7.13    |
| 29178 | 21  | 9.08    | 31686 | 50  | 20.08   | 32406 | 16, 24 | 5.07    | 33211 | 49  | 6.83    | 33668 | 49     | 7.61    | 34530 | 42  | 8.42    |
| 29180 | 21  | 9.08    | 31687 | 50  | 55.32   | 32407 | 16, 24 | 4.68    | 33212 | 49  | 6.99    | 33670 | 49     | 8.59    | 34532 | 42  | 40.26   |
| 30298 | 49  | 126.48  | 31688 | 50  | 24.74   | 32408 | 16, 24 | 4.68    | 33213 | 49  | 7.30    | 33672 | 49     | 9.26    | 34534 | 42  | 46.78   |
| 30299 | 49  | 123.94  | 31705 | 23  | 2.93    | 32409 | 16, 24 | 4.68    | 33214 | 49  | 7.87    | 33674 | 49     | 10.30   | 34540 | 42  | 9.18    |
| 30445 | 50  | 102.31  | 31706 | 23  | 2.93    | 32410 | 16, 24 | 2.58    | 33216 | 49  | 8.90    | 33676 | 49     | 10.30   | 34545 | 42  | 9.26    |
| 30487 | 50  | 116.02  | 31707 | 23  | 2.64    | 32415 | 16, 24 | 2.69    | 33217 | 49  | 9.30    | 33680 | 49     | 13.09   | 34550 | 42  | 10.28   |
| 30645 | 49  | 114.47  | 31708 | 23  | 2.64    | 32420 | 16, 24 | 2.80    | 33218 | 49  | 10.30   | 33684 | 49     | 14.13   | 34555 | 42  | 11.46   |
| 30646 | 49  | 97.19   | 31709 | 23  | 2.64    | 32425 | 16, 24 | 2.93    | 33219 | 49  | 12.47   | 33686 | 49     | 18.68   | 34560 | 42  | 13.11   |
| 30799 | 51  | 108.16  | 31710 | 23  | 1.46    | 32427 | 16, 24 | 3.04    | 33220 | 49  | 14.75   | 33688 | 49     | 23.18   | 34706 | 25  | 3.67    |
| 30845 | 50  | 113.02  | 31715 | 23  | 1.52    | 32430 | 16, 24 | 3.34    | 33221 | 49  | 22.25   | 33806 | 43     | 7.62    | 34707 | 25  | 3.67    |
| 30887 | 50  | 126.89  | 31720 | 23  | 1.64    | 32432 | 16, 24 | 29.24   | 33223 | 49  | 23.81   | 33807 | 43     | 7.62    | 34708 | 25  | 3.67    |
| 31037 | 51  | 151.83  | 31725 | 23  | 1.69    | 32434 | 16, 24 | 25.00   | 33225 | 49  | 28.98   | 33808 | 43     | 7.62    | 34709 | 25  | 3.67    |
| 31038 | 51  | 118.46  | 31727 | 23  | 1.76    | 32440 | 16, 24 | 3.45    | 33229 | 49  | 36.74   | 33809 | 43     | 7.85    | 34710 | 25  | 3.67    |
| 31407 | 50  | 7.25    | 31730 | 23  | 1.87    | 32705 | 23     | 2.64    | 33231 | 49  | 45.54   | 33810 | 43     | 7.85    | 34715 | 25  | 3.67    |
| 31409 | 50  | 7.30    | 31732 | 23  | 16.66   | 32706 | 23     | 2.64    | 33233 | 49  | 51.74   | 33815 | 43     | 8.01    | 34720 | 25  | 3.67    |
| 31410 | 50  | 7.45    | 31734 | 23  | 14.39   | 32707 | 23     | 2.34    | 33256 | 49  | 6.57    | 33820 | 43     | 10.06   | 34745 | 25  | 29.29   |
| 31411 | 50  | 7.50    | 31737 | 23  | 30.17   | 32708 | 23     | 2.34    | 33260 | 49  | 6.62    | 33825 | 43     | 10.12   | 35006 | 25  | 3.73    |
| 31412 | 50  | 7.66    | 31740 | 23  | 2.10    | 32709 | 23     | 2.34    | 33264 | 49  | 6.78    | 33827 | 43     | 12.00   | 35007 | 25  | 3.73    |
| 31413 | 50  | 8.02    | 31745 | 23  | 2.58    | 32710 | 23     | 1.35    | 33268 | 49  | 7.04    | 33830 | 43     | 14.33   | 35008 | 25  | 3.73    |
| 31414 | 50  | 8.44    | 31750 | 23  | 2.93    | 32715 | 23     | 1.35    | 33270 | 49  | 7.19    | 33832 | 43     | 66.65   | 35009 | 25  | 4.22    |
| 31416 | 50  | 9.83    | 31755 | 23  | 4.98    | 32720 | 23     | 1.46    | 33272 | 49  | 7.30    | 33834 | 43     | 85.39   | 35010 | 25  | 4.22    |
| 31417 | 50  | 10.30   | 31760 | 23  | 7.02    | 32725 | 23     | 1.52    | 33274 | 49  | 7.92    | 33840 | 43     | 15.49   | 35015 | 25  | 4.43    |
| 31418 | 50  | 11.13   | 31806 | 23  | 3.39    | 32727 | 23     | 1.58    | 33276 | 49  | 7.92    | 33906 | 25     | 3.89    | 35020 | 25  | 4.92    |
| 31419 | 50  | 13.51   | 31807 | 23  | 3.04    | 32730 | 23     | 1.69    | 33280 | 49  | 9.26    | 33907 | 25     | 3.89    | 35045 | 25  | 32.55   |
| 31445 | 50  | 42.95   | 31808 | 23  | 3.04    | 32740 | 23     | 1.87    | 33284 | 49  | 9.63    | 33908 | 25     | 3.89    | 37902 | 20  | 1.35    |

**Part Number Index**

| PART# | PG# | LIST EA |
|-------|-----|---------|-------|-----|---------|-------|-----|---------|-------|-----|---------|-------|-----|---------|-------|-----|---------|
| 37903 | 20  | 1.35    | 38116 | 21  | 9.26    | 38414 | 45  | 7.25    | 39172 | 21  | 2.90    | 43409 | 50  | 13.20   | 43856 | 50  | 13.40   |
| 37904 | 20  | 1.35    | 38117 | 21  | 10.30   | 38415 | 45  | 7.25    | 39174 | 21  | 4.51    | 43410 | 50  | 13.40   | 43860 | 50  | 13.87   |
| 37905 | 20  | 1.41    | 38118 | 21  | 14.81   | 38416 | 45  | 7.25    | 39176 | 21  | 4.51    | 43411 | 50  | 13.51   | 43864 | 50  | 14.23   |
| 37906 | 20  | 1.61    | 38119 | 21  | 19.95   | 38432 | 45  | 6.57    | 39178 | 21  | 9.26    | 43412 | 50  | 13.66   | 43868 | 50  | 15.06   |
| 37907 | 20  | 1.68    | 38136 | 21  | 12.68   | 38435 | 45  | 6.57    | 39180 | 21  | 9.26    | 43413 | 50  | 14.18   | 43870 | 50  | 15.58   |
| 37908 | 20  | 1.68    | 38137 | 21  | 16.72   | 38460 | 45  | 6.37    | 39184 | 21  | 10.30   | 43414 | 50  | 14.70   | 43872 | 50  | 16.09   |
| 37909 | 20  | 1.73    | 38138 | 21  | 8.95    | 38464 | 45  | 6.37    | 39186 | 21  | 14.15   | 43445 | 50  | 86.11   | 43874 | 50  | 16.35   |
| 37910 | 20  | 2.00    | 38200 | 21  | 0.65    | 38466 | 45  | 6.37    | 39188 | 21  | 18.66   | 43456 | 50  | 13.14   | 43876 | 50  | 17.49   |
| 37911 | 20  | 2.39    | 38201 | 21  | 0.65    | 38468 | 45  | 6.37    | 39192 | 21  | 9.94    | 43460 | 50  | 13.14   | 43887 | 50  | 110.64  |
| 37912 | 20  | 2.76    | 38202 | 21  | 0.45    | 38470 | 45  | 6.57    | 39195 | 21  | 28.26   | 43464 | 50  | 13.40   | 43913 | 50  | 14.70   |
| 37913 | 20  | 4.38    | 38203 | 21  | 0.45    | 38472 | 45  | 6.57    | 39199 | 21  | 15.84   | 43468 | 50  | 13.71   | 43914 | 50  | 15.27   |
| 37914 | 20  | 6.18    | 38204 | 21  | 0.51    | 38474 | 45  | 6.57    | 40602 | 39  | 2.91    | 43470 | 50  | 13.71   | 43916 | 50  | 17.13   |
| 37915 | 20  | 11.32   | 38205 | 21  | 0.51    | 38476 | 45  | 7.25    | 40603 | 39  | 3.12    | 43472 | 50  | 14.23   | 43917 | 50  | 17.75   |
| 37916 | 20  | 14.15   | 38206 | 21  | 0.54    | 38478 | 45  | 7.25    | 40604 | 39  | 3.31    | 43474 | 50  | 14.54   | 43918 | 50  | 18.89   |
| 37917 | 20  | 18.01   | 38207 | 21  | 0.54    | 38480 | 45  | 7.25    | 40605 | 39  | 3.46    | 43476 | 50  | 15.06   | 43919 | 50  | 23.75   |
| 37918 | 20  | 20.59   | 38208 | 21  | 0.57    | 38482 | 45  | 7.25    | 40606 | 39  | 3.48    | 43480 | 50  | 16.55   | 43980 | 50  | 17.13   |
| 37919 | 20  | 30.88   | 38209 | 21  | 0.57    | 38602 | 41  | 3.52    | 40607 | 39  | 3.63    | 43487 | 50  | 99.83   | 43984 | 50  | 17.75   |
| 37936 | 20  | 20.54   | 38210 | 21  | 0.71    | 38603 | 41  | 3.85    | 40608 | 39  | 3.89    | 43507 | 49  | 12.52   | 43986 | 50  | 19.92   |
| 37937 | 20  | 26.34   | 38211 | 21  | 1.10    | 38604 | 41  | 4.38    | 40609 | 39  | 4.12    | 43509 | 49  | 12.52   | 43988 | 50  | 23.75   |
| 37938 | 20  | 16.46   | 38212 | 21  | 1.10    | 38605 | 41  | 4.38    | 40610 | 39  | 5.36    | 43510 | 49  | 12.89   | 44007 | 51  | 17.13   |
| 38046 | 20  | 9.73    | 38213 | 21  | 1.73    | 38606 | 41  | 4.51    | 40611 | 39  | 5.69    | 43511 | 49  | 13.20   | 44008 | 51  | 17.13   |
| 38049 | 20  | 1.35    | 38214 | 21  | 2.90    | 38607 | 41  | 4.51    | 40612 | 39  | 7.12    | 43512 | 49  | 13.61   | 44009 | 51  | 17.13   |
| 38050 | 20  | 1.35    | 38215 | 21  | 5.92    | 38608 | 41  | 5.41    | 40613 | 39  | 8.39    | 43513 | 49  | 14.18   | 44010 | 51  | 17.13   |
| 38052 | 20  | 1.35    | 38216 | 21  | 5.92    | 38609 | 41  | 5.41    | 40614 | 39  | 9.88    | 43514 | 49  | 14.80   | 44015 | 51  | 15.16   |
| 38054 | 20  | 1.41    | 38217 | 21  | 7.45    | 38610 | 41  | 7.09    | 40649 | 39  | 2.90    | 43613 | 49  | 15.53   | 44020 | 51  | 14.85   |
| 38056 | 20  | 1.61    | 38218 | 21  | 9.66    | 38611 | 41  | 8.09    | 40650 | 39  | 3.18    | 43614 | 49  | 16.87   | 44025 | 51  | 14.85   |
| 38058 | 20  | 1.73    | 38219 | 21  | 14.92   | 38612 | 41  | 8.09    | 40652 | 39  | 3.48    | 43616 | 49  | 20.65   | 44027 | 51  | 15.16   |
| 38060 | 20  | 1.73    | 38236 | 21  | 8.95    | 38613 | 41  | 12.37   | 40654 | 39  | 3.51    | 43617 | 49  | 22.51   | 44030 | 51  | 15.16   |
| 38062 | 20  | 2.00    | 38237 | 21  | 11.95   | 38614 | 41  | 14.27   | 40656 | 39  | 3.54    | 43618 | 49  | 24.17   | 44037 | 51  | 135.64  |
| 38064 | 20  | 2.17    | 38238 | 21  | 7.40    | 38615 | 41  | 25.86   | 40660 | 39  | 4.26    | 43619 | 49  | 30.58   | 44038 | 51  | 102.21  |
| 38066 | 20  | 2.57    | 38246 | 21  | 6.20    | 38616 | 41  | 30.23   | 40664 | 39  | 5.52    | 43645 | 49  | 98.27   | 44240 | 51  | 17.03   |
| 38068 | 20  | 2.90    | 38247 | 21  | 0.65    | 38632 | 41  | 33.48   | 40668 | 39  | 6.31    | 43646 | 49  | 80.94   | 44245 | 51  | 17.23   |
| 38070 | 20  | 3.92    | 38248 | 21  | 0.65    | 38637 | 41  | 81.04   | 40672 | 39  | 9.27    | 43656 | 49  | 12.16   | 44247 | 51  | 17.49   |
| 38072 | 20  | 4.70    | 38249 | 21  | 0.45    | 38649 | 41  | 3.52    | 40676 | 39  | 10.56   | 43660 | 49  | 12.21   | 44250 | 51  | 17.75   |
| 38074 | 20  | 5.59    | 38250 | 21  | 0.45    | 38650 | 41  | 3.85    | 43207 | 49  | 12.16   | 43664 | 49  | 12.58   | 44255 | 51  | 18.68   |
| 38076 | 20  | 6.88    | 38252 | 21  | 0.49    | 38652 | 41  | 4.38    | 43209 | 49  | 12.16   | 43668 | 49  | 13.14   | 44260 | 51  | 20.69   |
| 38078 | 20  | 11.32   | 38254 | 21  | 0.49    | 38654 | 41  | 4.38    | 43210 | 49  | 12.37   | 43670 | 49  | 14.18   | 44608 | 51  | 17.28   |
| 38080 | 20  | 11.32   | 38256 | 21  | 0.54    | 38656 | 41  | 4.51    | 43211 | 49  | 12.42   | 43672 | 49  | 15.53   | 44609 | 51  | 17.28   |
| 38084 | 20  | 16.09   | 38258 | 21  | 0.57    | 38660 | 41  | 5.41    | 43212 | 49  | 12.52   | 43674 | 49  | 16.87   | 44610 | 51  | 17.28   |
| 38086 | 20  | 24.45   | 38260 | 21  | 0.57    | 38664 | 41  | 7.09    | 43213 | 49  | 12.89   | 43676 | 49  | 16.87   | 44615 | 51  | 15.47   |
| 38088 | 20  | 30.88   | 38262 | 21  | 0.71    | 38668 | 41  | 8.09    | 43214 | 49  | 13.40   | 43680 | 49  | 21.32   | 44620 | 51  | 15.47   |
| 38092 | 20  | 13.04   | 38264 | 21  | 0.71    | 38672 | 41  | 12.37   | 43216 | 49  | 15.01   | 43684 | 49  | 22.56   | 44625 | 51  | 15.58   |
| 38095 | 20  | 35.81   | 38266 | 21  | 1.10    | 38676 | 41  | 14.27   | 43217 | 49  | 15.42   | 43686 | 49  | 28.20   | 44627 | 51  | 15.68   |
| 38099 | 20  | 21.32   | 38268 | 21  | 1.10    | 38686 | 41  | 30.95   | 43218 | 49  | 16.40   | 43688 | 49  | 33.90   | 44630 | 51  | 16.04   |
| 38100 | 21  | 0.90    | 38270 | 21  | 1.73    | 38699 | 41  | 66.86   | 43219 | 49  | 21.22   | 43716 | 50  | 22.51   | 44632 | 51  | 82.18   |
| 38101 | 21  | 0.90    | 38272 | 21  | 1.73    | 39146 | 21  | 7.71    | 43256 | 49  | 12.11   | 43717 | 50  | 24.53   | 44640 | 51  | 18.27   |
| 38102 | 21  | 0.54    | 38274 | 21  | 2.90    | 39147 | 21  | 0.90    | 43260 | 49  | 12.16   | 43718 | 50  | 29.76   | 44699 | 51  | 91.96   |
| 38103 | 21  | 0.57    | 38276 | 21  | 2.90    | 39148 | 21  | 0.90    | 43264 | 49  | 12.47   | 43719 | 50  | 36.69   | 45204 | 34  | 3.58    |
| 38104 | 21  | 0.57    | 38278 | 21  | 5.92    | 39149 | 21  | 0.54    | 43268 | 49  | 12.73   | 43780 | 50  | 22.82   | 45205 | 34  | 3.58    |
| 38105 | 21  | 0.71    | 38280 | 21  | 5.92    | 39150 | 21  | 0.57    | 43270 | 49  | 12.94   | 43784 | 50  | 24.27   | 45206 | 34  | 3.64    |
| 38106 | 21  | 0.71    | 38284 | 21  | 7.72    | 39152 | 21  | 0.57    | 43272 | 49  | 13.04   | 43786 | 50  | 29.76   | 45207 | 34  | 4.10    |
| 38107 | 21  | 0.71    | 38286 | 21  | 9.00    | 39154 | 21  | 0.71    | 43274 | 49  | 13.61   | 43788 | 50  | 36.69   | 45208 | 34  | 4.33    |
| 38108 | 21  | 0.84    | 38288 | 21  | 14.92   | 39156 | 21  | 0.71    | 43276 | 49  | 13.61   | 43807 | 50  | 13.40   | 45209 | 34  | 4.62    |
| 38109 | 21  | 0.84    | 38292 | 21  | 7.56    | 39158 | 21  | 0.84    | 43280 | 49  | 14.90   | 43809 | 50  | 13.87   | 45210 | 34  | 5.03    |
| 38110 | 21  | 1.22    | 38299 | 21  | 11.07   | 39160 | 21  | 0.84    | 43284 | 49  | 15.89   | 43810 | 50  | 14.23   | 45211 | 34  | 5.25    |
| 38111 | 21  | 1.73    | 38409 | 45  | 6.37    | 39162 | 21  | 1.22    | 43286 | 49  | 18.06   | 43811 | 50  | 14.59   | 45212 | 34  | 5.84    |
| 38112 | 21  | 1.73    | 38410 | 45  | 6.37    | 39164 | 21  | 1.22    | 43288 | 49  | 21.53   | 43812 | 50  | 15.06   | 45213 | 34  | 9.06    |
| 38113 | 21  | 2.90    | 38411 | 45  | 6.37    | 39166 | 21  | 1.73    | 43298 | 49  | 110.28  | 43813 | 50  | 16.77   | 45214 | 34  | 9.99    |
| 38114 | 21  | 4.51    | 38412 | 45  | 6.37    | 39168 | 21  | 1.73    | 43299 | 49  | 107.69  | 43814 | 50  | 18.22   | 45216 | 34  | 20.16   |
| 38115 | 21  | 9.26    | 38413 | 45  | 6.57    | 39170 | 21  | 2.90    | 43407 | 50  | 12.99   | 43845 | 50  | 96.82   | 45252 | 34  | 3.64    |

**Part Number Index**

| PART# | PG# | LIST EA | PART#  | PG# | LIST EA |
|-------|-----|---------|-------|-----|---------|-------|-----|---------|-------|-----|---------|-------|-----|---------|--------|-----|---------|
| 45254 | 34  | 3.64    | 48368 | 16  | 4.33    | 50422 | 47  | 26.91   | 72809 | 23  | 4.10    | 75114 | 32  | 11.83   | 75954  | 10  | 1.46    |
| 45256 | 34  | 4.05    | 48372 | 16  | 4.38    | 50426 | 47  | 26.91   | 72810 | 23  | 2.05    | 75146 | 32  | 47.82   | 75956  | 10  | 1.67    |
| 45260 | 34  | 4.62    | 48376 | 16  | 5.36    | 50431 | 47  | 26.91   | 72815 | 23  | 2.34    | 75148 | 32  | 40.88   | 75960  | 10  | 1.76    |
| 45264 | 34  | 4.98    | 48386 | 16  | 24.53   | 53109 | 31  | 5.91    | 72820 | 23  | 2.45    | 75160 | 32  | 6.07    | 75964  | 10  | 2.23    |
| 45268 | 34  | 6.25    | 48409 | 45  | 7.04    | 53110 | 31  | 6.19    | 72825 | 23  | 2.64    | 75164 | 32  | 7.06    | 75968  | 10  | 2.95    |
| 45272 | 34  | 9.45    | 48410 | 45  | 7.04    | 53111 | 31  | 7.25    | 72827 | 23  | 2.69    | 75168 | 32  | 7.69    | 75972  | 10  | 4.02    |
| 45276 | 34  | 10.38   | 48411 | 45  | 7.04    | 53112 | 31  | 7.42    | 72830 | 23  | 2.98    | 75172 | 32  | 10.99   | 75976  | 10  | 5.55    |
| 46405 | 36  | 2.40    | 48412 | 45  | 7.04    | 53113 | 31  | 11.00   | 72840 | 23  | 3.27    | 75176 | 32  | 11.95   | 193102 | 40  | 10.51   |
| 46406 | 36  | 2.46    | 48413 | 45  | 7.25    | 53114 | 31  | 12.04   | 72845 | 23  | 4.44    | 75509 | 42  | 7.62    | 193103 | 40  | 10.51   |
| 46407 | 36  | 2.46    | 48414 | 45  | 7.92    | 53160 | 31  | 6.18    | 72850 | 23  | 5.55    | 75510 | 42  | 7.95    | 193104 | 40  | 10.51   |
| 46408 | 36  | 2.67    | 48415 | 45  | 7.92    | 53164 | 31  | 6.99    | 72855 | 23  | 8.31    | 75515 | 42  | 8.18    | 193105 | 40  | 10.51   |
| 46409 | 36  | 2.79    | 48416 | 45  | 7.92    | 53168 | 31  | 7.64    | 72860 | 23  | 10.87   | 75520 | 42  | 8.89    | 193106 | 40  | 10.51   |
| 46410 | 36  | 3.25    | 48432 | 45  | 7.25    | 53172 | 31  | 11.16   | 74009 | 37  | 8.01    | 75525 | 42  | 9.82    | 193107 | 40  | 10.51   |
| 46411 | 36  | 4.06    | 48435 | 45  | 7.25    | 53176 | 31  | 12.13   | 74010 | 37  | 8.42    | 75527 | 42  | 11.34   | 193108 | 40  | 10.62   |
| 46412 | 36  | 4.66    | 48445 | 45  | 37.88   | 53205 | 31  | 4.48    | 74015 | 37  | 8.94    | 75530 | 42  | 13.46   | 193109 | 40  | 10.88   |
| 46413 | 36  | 7.91    | 48460 | 45  | 7.04    | 53206 | 31  | 4.76    | 74020 | 37  | 9.36    | 75534 | 42  | 81.87   | 193110 | 40  | 12.00   |
| 46414 | 36  | 9.87    | 48464 | 45  | 7.04    | 53207 | 31  | 5.11    | 74025 | 37  | 9.71    | 75540 | 42  | 14.62   | 193111 | 40  | 12.05   |
| 46438 | 36  | 45.27   | 48466 | 45  | 7.04    | 53208 | 31  | 5.38    | 74027 | 37  | 10.29   | 75545 | 42  | 15.20   | 193112 | 40  | 12.96   |
| 46452 | 36  | 2.82    | 48468 | 45  | 7.04    | 53252 | 31  | 5.01    | 74030 | 37  | 10.83   | 75550 | 42  | 16.97   | 193113 | 40  | 14.08   |
| 46454 | 36  | 2.82    | 48470 | 45  | 7.25    | 53254 | 31  | 5.01    | 74034 | 37  | 80.52   | 75555 | 42  | 18.95   | 193114 | 40  | 15.72   |
| 46456 | 36  | 2.82    | 48472 | 45  | 7.25    | 53256 | 31  | 5.38    | 74040 | 37  | 12.17   | 75560 | 42  | 20.94   | 193115 | 40  | 17.26   |
| 46460 | 36  | 3.21    | 48474 | 45  | 7.25    | 69499 | 5   | 25.72   | 74045 | 37  | 13.57   | 75702 | 10  | 1.61    | 193116 | 40  | 19.12   |
| 46464 | 36  | 3.95    | 48476 | 45  | 7.92    | 69600 | 7   | 61.48   | 74050 | 37  | 15.91   | 75703 | 10  | 1.61    | 193150 | 40  | 10.51   |
| 46468 | 36  | 4.66    | 48478 | 45  | 7.92    | 69637 | 5   | 35.76   | 74055 | 37  | 17.54   | 75704 | 10  | 1.61    | 193152 | 40  | 10.51   |
| 46472 | 36  | 8.01    | 48480 | 45  | 7.92    | 69699 | 5   | 28.98   | 74602 | 40  | 2.89    | 75705 | 10  | 1.68    | 193154 | 40  | 10.51   |
| 46476 | 36  | 10.23   | 48482 | 45  | 7.92    | 71306 | 53  | 6.54    | 74603 | 40  | 3.07    | 75706 | 10  | 1.90    | 193156 | 40  | 10.51   |
| 46487 | 36  | 39.00   | 48492 | 45  | 37.88   | 71307 | 53  | 6.54    | 74604 | 40  | 3.27    | 75707 | 10  | 1.99    | 193160 | 40  | 10.88   |
| 46505 | 36  | 2.57    | 48496 | 45  | 37.88   | 71308 | 53  | 6.54    | 74605 | 40  | 3.43    | 75708 | 10  | 1.99    | 193164 | 40  | 12.00   |
| 46506 | 36  | 2.61    | 50004 | 47  | 36.23   | 71309 | 53  | 6.54    | 74606 | 40  | 3.54    | 75709 | 10  | 2.06    | 193168 | 40  | 12.96   |
| 46507 | 36  | 2.61    | 50005 | 47  | 36.23   | 71310 | 53  | 6.54    | 74607 | 40  | 3.61    | 75710 | 10  | 2.40    | 193172 | 40  | 14.08   |
| 46508 | 36  | 2.90    | 50008 | 47  | 36.23   | 71311 | 53  | 6.54    | 74608 | 40  | 3.87    | 75711 | 10  | 2.88    | 193176 | 40  | 15.72   |
| 46509 | 36  | 3.08    | 50010 | 47  | 36.23   | 71312 | 53  | 6.54    | 74609 | 40  | 4.10    | 75712 | 10  | 3.15    |        |     |         |
| 46510 | 36  | 3.64    | 50012 | 47  | 36.23   | 71313 | 53  | 8.06    | 74610 | 40  | 5.31    | 75713 | 10  | 4.35    |        |     |         |
| 46511 | 36  | 4.60    | 50017 | 47  | 36.23   | 71314 | 53  | 10.16   | 74611 | 40  | 5.82    | 75714 | 10  | 5.68    |        |     |         |
| 46512 | 36  | 5.40    | 50026 | 47  | 36.23   | 71354 | 53  | 6.54    | 74612 | 40  | 7.07    | 75749 | 10  | 1.61    |        |     |         |
| 46513 | 36  | 8.74    | 50102 | 47  | 9.32    | 71356 | 53  | 6.54    | 74613 | 40  | 8.18    | 75750 | 10  | 1.61    |        |     |         |
| 46514 | 36  | 11.07   | 50103 | 47  | 9.32    | 71360 | 53  | 6.54    | 74614 | 40  | 9.59    | 75752 | 10  | 1.61    |        |     |         |
| 46538 | 36  | 43.06   | 50104 | 47  | 9.32    | 71364 | 53  | 6.54    | 74632 | 40  | 28.57   | 75754 | 10  | 1.72    |        |     |         |
| 46552 | 36  | 3.00    | 50105 | 47  | 9.32    | 71368 | 53  | 6.54    | 74637 | 40  | 66.71   | 75756 | 10  | 1.95    |        |     |         |
| 46554 | 36  | 3.04    | 50106 | 47  | 9.32    | 71372 | 53  | 8.06    | 74649 | 40  | 2.89    | 75760 | 10  | 2.06    |        |     |         |
| 46556 | 36  | 3.08    | 50107 | 47  | 9.32    | 71376 | 53  | 10.29   | 74650 | 40  | 3.14    | 75764 | 10  | 2.63    |        |     |         |
| 46560 | 36  | 3.52    | 50125 | 47  | 15.99   | 71615 | 53  | 8.07    | 74652 | 40  | 3.43    | 75768 | 10  | 3.26    |        |     |         |
| 46564 | 36  | 4.33    | 50150 | 47  | 9.32    | 71620 | 53  | 8.07    | 74654 | 40  | 3.47    | 75772 | 10  | 4.57    |        |     |         |
| 46568 | 36  | 5.15    | 50152 | 47  | 9.32    | 71625 | 53  | 8.07    | 74656 | 40  | 3.60    | 75776 | 10  | 6.19    |        |     |         |
| 46572 | 36  | 17.80   | 50154 | 47  | 9.32    | 71627 | 53  | 8.07    | 74660 | 40  | 4.25    | 75902 | 10  | 1.31    |        |     |         |
| 46576 | 36  | 11.39   | 50156 | 47  | 9.32    | 71630 | 53  | 8.07    | 74664 | 40  | 5.54    | 75903 | 10  | 1.31    |        |     |         |
| 46587 | 36  | 49.93   | 50205 | 47  | 9.32    | 71640 | 53  | 8.07    | 74668 | 40  | 6.29    | 75904 | 10  | 1.31    |        |     |         |
| 48305 | 16  | 3.84    | 50206 | 47  | 9.32    | 71809 | 23  | 4.55    | 74672 | 40  | 8.99    | 75905 | 10  | 1.43    |        |     |         |
| 48307 | 16  | 3.89    | 50207 | 47  | 9.32    | 71810 | 23  | 2.59    | 74676 | 40  | 10.23   | 75906 | 10  | 1.64    |        |     |         |
| 48309 | 16  | 4.00    | 50208 | 47  | 9.32    | 71815 | 23  | 2.64    | 74686 | 40  | 24.22   | 75907 | 10  | 1.69    |        |     |         |
| 48310 | 16  | 4.06    | 50209 | 47  | 9.32    | 71820 | 23  | 2.74    | 74699 | 40  | 51.75   | 75908 | 10  | 1.69    |        |     |         |
| 48311 | 16  | 4.16    | 50210 | 47  | 9.32    | 71825 | 23  | 2.90    | 74937 | 10  | 29.81   | 75909 | 10  | 1.76    |        |     |         |
| 48312 | 16  | 4.33    | 50215 | 47  | 9.32    | 71827 | 23  | 2.95    | 74938 | 10  | 18.62   | 75910 | 10  | 2.02    |        |     |         |
| 48313 | 16  | 4.38    | 50404 | 47  | 26.91   | 71830 | 23  | 3.36    | 74992 | 10  | 14.75   | 75911 | 10  | 2.58    |        |     |         |
| 48314 | 16  | 5.36    | 50405 | 47  | 26.91   | 71834 | 23  | 24.84   | 74999 | 10  | 24.17   | 75912 | 10  | 2.83    |        |     |         |
| 48332 | 16  | 34.05   | 50408 | 47  | 26.91   | 71840 | 23  | 3.62    | 75109 | 32  | 5.80    | 75913 | 10  | 3.82    |        |     |         |
| 48354 | 16  | 3.84    | 50409 | 47  | 26.91   | 71845 | 23  | 4.92    | 75110 | 32  | 6.19    | 75914 | 10  | 5.07    |        |     |         |
| 48356 | 16  | 3.89    | 50410 | 47  | 26.91   | 71850 | 23  | 6.16    | 75111 | 32  | 7.31    | 75949 | 10  | 1.31    |        |     |         |
| 48360 | 16  | 4.00    | 50412 | 47  | 26.91   | 71855 | 23  | 9.26    | 75112 | 32  | 7.47    | 75950 | 10  | 1.31    |        |     |         |
| 48364 | 16  | 4.06    | 50417 | 47  | 26.91   | 71860 | 23  | 12.11   | 75113 | 32  | 10.85   | 75952 | 10  | 1.31    |        |     |         |



## Article Index

| Felo<br>PART # | List<br>\$ Each | Page |
|----------------|-----------------|------|
| 07157 10263    | 2.34            | 146  |
| 07157 10264    | 2.18            | 146  |
| 07157 10265    | 2.18            | 146  |
| 07157 10266    | 2.73            | 146  |
| 07157 10267    | 2.99            | 146  |
| 07157 10270    | 1.81            | 147  |
| 07157 10271    | 1.81            | 147  |
| 07157 10272    | 1.81            | 147  |
| 07157 10280    | 2.48            | 147  |
| 07157 10284    | 3.98            | 147  |
| 07157 10286    | 3.87            | 147  |
| 07157 10288    | 5.05            | 157  |
| 07157 10294    | 3.00            | 147  |
| 07157 10295    | 3.00            | 147  |
| 07157 10296    | 3.00            | 147  |
| 07157 10297    | 3.00            | 147  |
| 07157 10298    | 3.01            | 147  |
| 07157 10299    | 3.15            | 147  |
| 07157 10300    | 4.02            | 147  |
| 07157 10301    | 4.02            | 147  |
| 07157 10302    | 4.15            | 147  |
| 07157 10303    | 4.15            | 147  |
| 07157 10304    | 7.14            | 147  |
| 07157 10311    | 2.18            | 146  |
| 07157 10316    | 1.24            | 137  |
| 07157 10317    | 1.24            | 137  |
| 07157 10318    | 1.24            | 137  |
| 07157 13001    | 3.15            | 85   |
| 07157 13003    | 3.50            | 85   |
| 07157 13010    | 4.51            | 85   |
| 07157 13016    | 5.20            | 85   |
| 07157 13028    | 8.94            | 85   |
| 07157 13032    | 12.85           | 85   |
| 07157 13035    | 4.17            | 85   |

| Felo<br>PART # | List<br>Each | Page |
|----------------|--------------|------|
| 07157 13037    | 4.43         | 85   |
| 07157 13041    | 6.21         | 85   |
| 07157 13045    | 4.69         | 85   |
| 07157 13099    | 3.92         | 85   |
| 07157 13103    | 4.85         | 85   |
| 07157 13106    | 5.02         | 85   |
| 07157 13111    | 7.07         | 85   |
| 07157 13117    | 9.87         | 85   |
| 07157 13166    | 13.51        | 83   |
| 07157 16050    | 6.39         | 85   |
| 07157 16052    | 30.04        | 86   |
| 07157 16054    | 47.19        | 86   |
| 07157 17000    | 2.39         | 91   |
| 07157 17002    | 3.03         | 91   |
| 07157 17004    | 7.20         | 91   |
| 07157 17011    | 2.77         | 91   |
| 07157 17013    | 4.36         | 91   |
| 07157 17015    | 4.95         | 91   |
| 07157 17017    | 5.88         | 91   |
| 07157 17026    | 3.72         | 92   |
| 07157 17028    | 4.69         | 92   |
| 07157 17046    | 5.82         | 92   |
| 07157 17047    | 5.82         | 92   |
| 07157 17048    | 5.82         | 92   |
| 07157 17049    | 5.88         | 92   |
| 07157 17050    | 5.88         | 92   |
| 07157 17051    | 6.30         | 92   |
| 07157 17052    | 6.30         | 92   |
| 07157 17053    | 6.30         | 92   |
| 07157 17054    | 6.67         | 92   |
| 07157 17055    | 2.67         | 92   |
| 07157 17056    | 6.83         | 92   |
| 07157 17057    | 3.29         | 92   |
| 07157 22091    | 4.16         | 75   |

| Felo<br>PART # | List<br>Each | Page |
|----------------|--------------|------|
| 07157 22092    | 4.55         | 75   |
| 07157 22093    | 4.94         | 75   |
| 07157 22094    | 6.00         | 75   |
| 07157 22095    | 9.16         | 75   |
| 07157 22096    | 10.47        | 75   |
| 07157 22097    | 12.73        | 75   |
| 07157 22098    | 13.12        | 75   |
| 07157 22099    | 6.57         | 76   |
| 07157 22101    | 8.18         | 75   |
| 07157 22102    | 10.57        | 75   |
| 07157 22106    | 5.80         | 75   |
| 07157 22107    | 7.28         | 75   |
| 07157 22108    | 10.06        | 75   |
| 07157 22109    | 6.99         | 76   |
| 07157 22110    | 6.81         | 76   |
| 07157 22111    | 8.94         | 75   |
| 07157 22112    | 11.49        | 75   |
| 07157 22113    | 5.23         | 100  |
| 07157 22114    | 5.68         | 100  |
| 07157 22115    | 6.78         | 100  |
| 07157 22116    | 10.58        | 100  |
| 07157 22117    | 10.58        | 100  |
| 07157 22118    | 11.95        | 100  |
| 07157 22119    | 6.61         | 100  |
| 07157 22120    | 8.53         | 100  |
| 07157 22141    | 5.23         | 100  |
| 07157 22142    | 5.63         | 100  |
| 07157 22143    | 11.89        | 100  |
| 07157 22154    | 4.80         | 76   |
| 07157 22155    | 35.54        | 88   |
| 07157 22156    | 4.63         | 76   |
| 07157 22157    | 4.63         | 76   |
| 07157 22158    | 4.87         | 76   |
| 07157 22159    | 5.29         | 76   |



| Felo<br>PART # | List<br>Each | Page |
|----------------|--------------|------|
| 07157 22160    | 5.29         | 76   |
| 07157 22161    | 5.91         | 76   |
| 07157 22162    | 6.20         | 76   |
| 07157 22163    | 7.25         | 76   |
| 07157 22164    | 8.46         | 76   |
| 07157 22165    | 9.68         | 76   |
| 07157 22166    | 9.68         | 76   |
| 07157 22188    | 5.84         | 76   |
| 07157 22194    | 3.53         | 147  |
| 07157 22198    | 14.60        | 153  |
| 07157 23006    | 6.12         | 89   |
| 07157 23013    | 6.66         | 89   |
| 07157 24022    | 7.07         | 89   |
| 07157 24026    | 2.98         | 142  |
| 07157 24036    | 7.99         | 83   |
| 07157 24037    | 1.04         | 139  |
| 07157 28003    | 42.78        | 93   |
| 07157 28005    | 19.94        | 93   |
| 07157 28009    | 30.48        | 93   |
| 07157 28010    | 4.42         | 91   |
| 07157 28011    | 3.03         | 92   |
| 07157 28012    | 4.09         | 91   |
| 07157 28013    | 4.69         | 91   |
| 07157 28017    | 6.15         | 91   |
| 07157 30066    | 1.26         | 139  |
| 07157 30070    | 0.90         | 139  |
| 07157 30079    | 0.91         | 139  |
| 07157 30089    | 0.91         | 139  |
| 07157 30097    | 0.91         | 139  |
| 07157 30105    | 0.91         | 139  |
| 07157 30112    | 0.91         | 139  |
| 07157 30119    | 0.91         | 139  |
| 07157 30169    | 0.70         | 139  |
| 07157 30193    | 0.62         | 139  |
| 07157 30205    | 0.62         | 139  |
| 07157 30216    | 1.86         | 139  |
| 07157 30218    | 0.62         | 139  |
| 07157 30227    | 1.86         | 139  |
| 07157 30229    | 2.70         | 139  |
| 07157 30272    | 3.09         | 141  |

| Felo<br>PART # | List<br>Each | Page |
|----------------|--------------|------|
| 07157 30274    | 3.39         | 143  |
| 07157 30275    | 1.73         | 141  |
| 07157 30277    | 1.74         | 141  |
| 07157 30279    | 3.00         | 143  |
| 07157 30280    | 1.74         | 141  |
| 07157 30283    | 1.74         | 141  |
| 07157 30285    | 2.62         | 141  |
| 07157 30287    | 1.74         | 141  |
| 07157 30290    | 1.74         | 141  |
| 07157 30292    | 2.73         | 141  |
| 07157 30294    | 2.73         | 141  |
| 07157 30312    | 1.56         | 142  |
| 07157 30317    | 1.47         | 142  |
| 07157 30319    | 2.41         | 143  |
| 07157 30320    | 1.47         | 142  |
| 07157 30322    | 2.29         | 143  |
| 07157 30323    | 2.02         | 142  |
| 07157 30340    | 3.87         | 157  |
| 07157 30481    | 5.11         | 157  |
| 07157 30489    | 8.09         | 157  |
| 07157 30768    | 11.58        | 91   |
| 07157 30772    | 1.87         | 141  |
| 07157 30773    | 3.09         | 143  |
| 07157 30778    | 6.63         | 144  |
| 07157 30779    | 1.74         | 141  |
| 07157 30780    | 3.43         | 138  |
| 07157 30785    | 3.43         | 138  |
| 07157 30787    | 2.77         | 143  |
| 07157 30788    | 6.48         | 144  |
| 07157 30792    | 3.43         | 138  |
| 07157 30794    | 2.69         | 143  |
| 07157 30795    | 6.33         | 144  |
| 07157 30798    | 3.73         | 138  |
| 07157 30800    | 6.81         | 144  |
| 07157 30818    | 3.31         | 138  |
| 07157 30822    | 5.74         | 144  |
| 07157 30823    | 7.92         | 144  |
| 07157 30824    | 3.31         | 138  |
| 07157 30828    | 5.49         | 144  |
| 07157 30830    | 7.60         | 144  |

| Felo<br>PART # | List<br>Each | Page |
|----------------|--------------|------|
| 07157 30831    | 3.90         | 138  |
| 07157 30833    | 2.29         | 143  |
| 07157 30834    | 3.11         | 142  |
| 07157 30835    | 3.11         | 142  |
| 07157 30836    | 2.98         | 142  |
| 07157 30837    | 3.88         | 144  |
| 07157 30838    | 3.79         | 144  |
| 07157 30839    | 2.98         | 142  |
| 07157 30840    | 3.88         | 144  |
| 07157 30841    | 2.98         | 142  |
| 07157 30842    | 3.88         | 144  |
| 07157 30843    | 2.98         | 142  |
| 07157 30844    | 3.88         | 144  |
| 07157 30845    | 2.80         | 142  |
| 07157 30846    | 3.80         | 144  |
| 07157 30847    | 2.74         | 142  |
| 07157 30848    | 3.88         | 144  |
| 07157 30850    | 5.11         | 157  |
| 07157 30851    | 3.20         | 157  |
| 07157 30876    | 11.43        | 83   |
| 07157 30904    | 0.90         | 139  |
| 07157 30907    | 1.60         | 137  |
| 07157 30911    | 1.45         | 137  |
| 07157 30916    | 1.39         | 137  |
| 07157 30918    | 1.26         | 139  |
| 07157 30921    | 1.93         | 137  |
| 07157 30937    | 0.93         | 139  |
| 07157 30940    | 59.06        | 139  |
| 07157 30943    | 59.06        | 139  |
| 07157 30953    | 1.46         | 140  |
| 07157 30954    | 1.46         | 140  |
| 07157 30955    | 1.40         | 140  |
| 07157 30956    | 1.40         | 140  |
| 07157 30957    | 1.16         | 140  |
| 07157 30959    | 1.16         | 140  |
| 07157 30961    | 1.16         | 140  |
| 07157 30963    | 1.16         | 140  |
| 07157 30965    | 1.16         | 140  |
| 07157 30967    | 1.16         | 140  |
| 07157 30969    | 1.16         | 140  |

| Felo<br>PART # | List<br>Each | Page | Felo<br>PART # | List<br>Each | Page | Felo<br>PART # | List<br>Each | Page |
|----------------|--------------|------|----------------|--------------|------|----------------|--------------|------|
| 07157 30971    | 2.12         | 140  | 07157 31772    | 6.33         | 109  | 07157 32120    | 9.97         | 128  |
| 07157 30972    | 2.12         | 140  | 07157 31774    | 5.11         | 109  | 07157 32122    | 9.97         | 128  |
| 07157 30973    | 2.12         | 140  | 07157 31776    | 5.92         | 109  | 07157 32124    | 9.97         | 128  |
| 07157 30974    | 2.12         | 140  | 07157 31778    | 6.81         | 109  | 07157 32128    | 9.97         | 128  |
| 07157 30975    | 2.12         | 140  | 07157 31782    | 5.14         | 110  | 07157 32130    | 8.46         | 128  |
| 07157 30976    | 2.02         | 140  | 07157 31784    | 4.62         | 110  | 07157 32222    | 6.11         | 147  |
| 07157 30977    | 2.02         | 140  | 07157 31786    | 4.15         | 110  | 07157 32234    | 7.92         | 76   |
| 07157 30978    | 15.91        | 157  | 07157 31788    | 4.15         | 110  | 07157 32236    | 7.92         | 76   |
| 07157 31078    | 4.17         | 89   | 07157 31790    | 6.96         | 110  | 07157 32238    | 10.10        | 76   |
| 07157 31305    | 6.91         | 147  | 07157 31792    | 6.81         | 110  | 07157 32240    | 10.10        | 76   |
| 07157 31330    | 14.82        | 75   | 07157 31794    | 6.81         | 110  | 07157 32242    | 10.10        | 76   |
| 07157 31331    | 13.79        | 75   | 07157 31796    | 6.81         | 110  | 07157 32244    | 13.63        | 76   |
| 07157 31351    | 59.06        | 139  | 07157 31798    | 7.25         | 110  | 07157 32246    | 14.17        | 76   |
| 07157 31410    | 11.81        | 153  | 07157 31800    | 7.33         | 110  | 07157 32316    | 7.17         | 115  |
| 07157 31419    | 15.75        | 153  | 07157 31802    | 7.60         | 110  | 07157 32318    | 7.17         | 115  |
| 07157 31520    | 3.39         | 144  | 07157 31806    | 6.10         | 113  | 07157 32320    | 7.25         | 115  |
| 07157 31522    | 3.39         | 144  | 07157 31808    | 5.33         | 113  | 07157 32322    | 7.25         | 115  |
| 07157 31524    | 3.39         | 144  | 07157 31810    | 5.20         | 113  | 07157 32324    | 8.46         | 115  |
| 07157 31526    | 3.39         | 144  | 07157 31812    | 4.75         | 113  | 07157 32326    | 8.46         | 115  |
| 07157 31666    | 3.98         | 147  | 07157 31814    | 5.40         | 113  | 07157 32328    | 9.19         | 115  |
| 07157 31690    | 7.22         | 83   | 07157 31816    | 6.56         | 113  | 07157 32330    | 9.68         | 115  |
| 07157 31692    | 18.20        | 83   | 07157 31818    | 5.70         | 113  | 07157 32348    | 14.89        | 78   |
| 07157 31698    | 9.83         | 83   | 07157 31820    | 5.75         | 113  | 07157 32348    | 14.89        | 156  |
| 07157 31700    | 14.43        | 83   | 07157 31844    | 33.30        | 111  | 07157 32350    | 11.78        | 115  |
| 07157 31720    | 49.61        | 83   | 07157 31846    | 38.98        | 111  | 07157 32350    | 11.78        | 156  |
| 07157 31738    | 5.44         | 109  | 07157 31848    | 32.84        | 113  | 07157 32354    | 11.76        | 73   |
| 07157 31740    | 4.94         | 109  | 07157 31890    | 2.18         | 146  | 07157 32356    | 13.76        | 73   |
| 07157 31742    | 4.48         | 109  | 07157 32076    | 1.16         | 140  | 07157 32358    | 19.14        | 73   |
| 07157 31744    | 5.50         | 109  | 07157 32094    | 109.39       | 125  | 07157 32360    | 19.78        | 73   |
| 07157 31746    | 6.48         | 109  | 07157 32096    | 8.46         | 128  | 07157 32362    | 24.35        | 73   |
| 07157 31748    | 4.87         | 109  | 07157 32098    | 8.46         | 128  | 07157 32368    | 13.13        | 73   |
| 07157 31750    | 5.11         | 109  | 07157 32100    | 8.46         | 128  | 07157 32370    | 17.29        | 73   |
| 07157 31752    | 6.47         | 109  | 07157 32102    | 8.46         | 128  | 07157 32372    | 4.72         | 138  |
| 07157 31754    | 4.94         | 109  | 07157 32104    | 8.46         | 128  | 07157 32374    | 4.62         | 138  |
| 07157 31756    | 5.54         | 109  | 07157 32106    | 8.46         | 128  | 07157 32376    | 4.54         | 138  |
| 07157 31758    | 7.28         | 109  | 07157 32110    | 8.39         | 128  | 07157 32378    | 4.54         | 138  |
| 07157 31760    | 5.29         | 109  | 07157 32112    | 8.39         | 128  | 07157 32380    | 4.49         | 138  |
| 07157 31762    | 6.03         | 109  | 07157 32114    | 8.39         | 128  | 07157 32382    | 4.49         | 138  |
| 07157 31764    | 7.40         | 109  | 07157 32116    | 8.46         | 128  | 07157 32558    | 91.96        | 81   |
| 07157 31770    | 7.82         | 109  | 07157 32118    | 8.39         | 128  | 07157 50072    | 20.79        | 78   |



| Felo<br>PART # | List<br>Each | Page | Felo<br>PART # | List<br>Each | Page | Felo<br>PART # | List<br>Each | Page |
|----------------|--------------|------|----------------|--------------|------|----------------|--------------|------|
| 07157 50074    | 22.70        | 78   | 07157 50360    | 2.99         | 141  | 07157 50699    | 10.64        | 73   |
| 07157 50076    | 24.19        | 78   | 07157 50362    | 2.99         | 141  | 07157 50701    | 18.74        | 73   |
| 07157 50078    | 26.20        | 78   | 07157 50364    | 2.99         | 141  | 07157 50703    | 10.85        | 73   |
| 07157 50120    | 46.02        | 101  | 07157 50366    | 2.99         | 141  | 07157 50707    | 69.23        | 73   |
| 07157 50124    | 10.58        | 100  | 07157 50368    | 3.07         | 141  | 07157 50709    | 9.93         | 110  |
| 07157 50174    | 45.50        | 79   | 07157 50370    | 3.14         | 141  | 07157 50711    | 9.93         | 110  |
| 07157 50176    | 48.34        | 101  | 07157 50372    | 3.14         | 141  | 07157 50713    | 9.93         | 110  |
| 07157 50200    | 72.95        | 81   | 07157 50374    | 3.14         | 141  | 07157 50715    | 9.93         | 110  |
| 07157 50212    | 3.01         | 137  | 07157 50376    | 3.14         | 141  | 07157 50717    | 9.93         | 110  |
| 07157 50214    | 3.01         | 137  | 07157 50378    | 2.88         | 141  | 07157 50719    | 9.93         | 110  |
| 07157 50216    | 2.96         | 137  | 07157 50380    | 2.88         | 141  | 07157 50723    | 59.00        | 112  |
| 07157 50218    | 2.96         | 137  | 07157 50382    | 2.88         | 141  | 07157 50725    | 57.03        | 112  |
| 07157 50220    | 2.48         | 137  | 07157 50404    | 14.23        | 143  | 07157 50727    | 55.67        | 112  |
| 07157 50222    | 2.36         | 137  | 07157 50406    | 14.46        | 143  | 07157 50729    | 8.12         | 112  |
| 07157 50224    | 2.25         | 137  | 07157 50408    | 14.46        | 143  | 07157 50731    | 7.72         | 112  |
| 07157 50226    | 2.25         | 137  | 07157 50410    | 15.35        | 143  | 07157 50733    | 7.53         | 112  |
| 07157 50228    | 2.25         | 137  | 07157 50414    | 17.49        | 143  | 07157 50735    | 6.62         | 112  |
| 07157 50230    | 2.25         | 137  | 07157 50416    | 17.49        | 143  | 07157 50737    | 7.60         | 112  |
| 07157 50232    | 2.25         | 137  | 07157 50456    | 12.09        | 126  | 07157 50739    | 6.62         | 112  |
| 07157 50234    | 3.84         | 137  | 07157 50520    | 7.40         | 147  | 07157 50741    | 7.23         | 112  |
| 07157 50274    | 12.74        | 91   | 07157 50572    | 9.42         | 75   | 07157 50743    | 7.23         | 112  |
| 07157 50276    | 11.76        | 110  | 07157 50624    | 90.67        | 126  | 07157 50745    | 7.23         | 112  |
| 07157 50278    | 10.08        | 110  | 07157 50626    | 8.46         | 128  | 07157 50747    | 7.23         | 112  |
| 07157 50280    | 9.23         | 110  | 07157 50630    | 109.39       | 125  | 07157 50749    | 7.23         | 112  |
| 07157 50282    | 7.99         | 87   | 07157 50634    | 8.46         | 128  | 07157 50751    | 7.23         | 112  |
| 07157 50284    | 8.44         | 87   | 07157 50636    | 8.46         | 128  | 07157 50771    | 2.18         | 140  |
| 07157 50286    | 11.50        | 87   | 07157 50638    | 8.46         | 128  | 07157 50773    | 2.18         | 140  |
| 07157 50288    | 12.61        | 87   | 07157 50647    | 5.59         | 136  | 07157 50775    | 2.18         | 140  |
| 07157 50290    | 5.84         | 87   | 07157 50649    | 5.59         | 136  | 07157 50779    | 1.46         | 140  |
| 07157 50292    | 7.99         | 87   | 07157 50651    | 5.59         | 136  | 07157 50783    | 48.59        | 115  |
| 07157 50294    | 11.29        | 87   | 07157 50653    | 5.59         | 136  | 07157 50785    | 14.53        | 100  |
| 07157 50310    | 8.39         | 128  | 07157 50655    | 4.69         | 136  | 07157 50785    | 14.53        | 156  |
| 07157 50312    | 8.39         | 128  | 07157 50657    | 4.69         | 136  | 07157 50803    | 32.79        | 154  |
| 07157 50344    | 9.97         | 128  | 07157 50659    | 4.69         | 136  | 07157 50813    | 5.48         | 115  |
| 07157 50346    | 9.97         | 128  | 07157 50679    | 7.03         | 136  | 07157 50815    | 5.54         | 115  |
| 07157 50348    | 9.97         | 128  | 07157 50681    | 7.03         | 136  | 07157 50849    | 41.29        | 115  |
| 07157 50350    | 1.81         | 140  | 07157 50683    | 7.03         | 136  | 07157 50973    | 3.22         | 142  |
| 07157 50352    | 1.73         | 140  | 07157 50693    | 7.52         | 75   | 07157 50979    | 44.94        | 81   |
| 07157 50354    | 1.55         | 140  | 07157 50695    | 13.37        | 75   | 07157 50981    | 36.44        | 81   |
| 07157 50356    | 1.55         | 140  | 07157 50697    | 14.89        | 75   | 07157 51015    | 2.18         | 142  |

| Felo<br>PART # | List<br>Each | Page | Felo<br>PART # | List<br>Each | Page | Felo<br>PART # | List<br>Each | Page |
|----------------|--------------|------|----------------|--------------|------|----------------|--------------|------|
| 07157 51259    | 7.00         | 113  | 07157 51685    | 21.04        | 77   | 07157 52005    | 8.65         | 107  |
| 07157 51341    | 2.82         | 141  | 07157 51699    | 152.08       | 80   | 07157 52007    | 8.65         | 107  |
| 07157 51343    | 2.82         | 141  | 07157 51719    | 85.04        | 130  | 07157 52009    | 8.65         | 107  |
| 07157 51345    | 2.82         | 141  | 07157 51721    | 8.04         | 131  | 07157 52011    | 8.65         | 107  |
| 07157 51347    | 2.82         | 141  | 07157 51723    | 8.04         | 131  | 07157 52013    | 8.65         | 107  |
| 07157 51349    | 2.55         | 141  | 07157 51725    | 8.04         | 131  | 07157 52015    | 8.65         | 107  |
| 07157 51351    | 2.48         | 141  | 07157 51727    | 8.04         | 131  | 07157 52017    | 8.65         | 107  |
| 07157 51353    | 2.35         | 141  | 07157 51729    | 8.04         | 131  | 07157 52019    | 8.65         | 107  |
| 07157 51355    | 2.35         | 141  | 07157 51731    | 8.04         | 131  | 07157 52021    | 8.65         | 107  |
| 07157 51357    | 2.35         | 141  | 07157 51733    | 8.04         | 131  | 07157 52023    | 8.65         | 107  |
| 07157 51359    | 2.35         | 141  | 07157 51735    | 8.04         | 131  | 07157 52025    | 8.65         | 107  |
| 07157 51361    | 2.29         | 141  | 07157 51737    | 8.04         | 131  | 07157 52027    | 8.65         | 107  |
| 07157 51363    | 4.28         | 142  | 07157 51739    | 8.04         | 131  | 07157 52029    | 8.65         | 107  |
| 07157 51365    | 4.28         | 142  | 07157 51741    | 8.04         | 131  | 07157 52031    | 8.65         | 107  |
| 07157 51367    | 4.28         | 142  | 07157 51743    | 8.04         | 131  | 07157 52033    | 8.65         | 107  |
| 07157 51369    | 4.28         | 142  | 07157 51745    | 8.04         | 131  | 07157 52035    | 8.65         | 107  |
| 07157 51371    | 4.28         | 142  | 07157 51747    | 8.04         | 131  | 07157 52037    | 8.65         | 107  |
| 07157 51373    | 14.46        | 143  | 07157 51749    | 17.94        | 130  | 07157 52039    | 171.31       | 105  |
| 07157 51375    | 3.02         | 142  | 07157 51757    | 22.51        | 77   | 07157 52041    | 171.31       | 105  |
| 07157 51377    | 2.94         | 142  | 07157 51759    | 25.97        | 77   | 07157 52043    | 171.31       | 106  |
| 07157 51379    | 9.42         | 75   | 07157 51761    | 25.61        | 77   | 07157 52149    | 61.42        | 106  |
| 07157 51381    | 14.48        | 75   | 07157 51809    | 16.87        | 75   | 07157 52151    | 61.42        | 106  |
| 07157 51389    | 19.06        | 151  | 07157 51811    | 10.14        | 75   | 07157 52153    | 61.42        | 106  |
| 07157 51395    | 15.17        | 151  | 07157 51841    | 11.53        | 75   | 07157 52155    | 4.19         | 106  |
| 07157 51397    | 26.82        | 78   | 07157 51843    | 11.36        | 75   | 07157 52157    | 6.11         | 147  |
| 07157 51397    | 26.82        | 156  | 07157 51845    | 11.28        | 75   | 07157 52241    | 10.30        | 147  |
| 07157 51401    | 37.17        | 102  | 07157 51881    | 5.16         | 143  | 07157 52243    | 10.56        | 147  |
| 07157 51427    | 26.21        | 102  | 07157 51897    | 13.70        | 157  | 07157 52673    | 24.75        | 148  |
| 07157 51565    | 79.14        | 155  | 07157 51903    | 13.47        | 87   | 07157 52673    | 24.75        | 156  |
| 07157 51639    | 4.55         | 147  | 07157 51923    | 12.54        | 151  | 07157 52755    | 36.62        | 150  |
| 07157 51665    | 22.64        | 77   | 07157 51981    | 23.87        | 77   | 07157 52785    | 10.15        | 64   |
| 07157 51667    | 22.64        | 77   | 07157 51983    | 24.57        | 77   | 07157 52787    | 12.83        | 64   |
| 07157 51669    | 23.36        | 77   | 07157 51985    | 27.71        | 77   | 07157 52789    | 17.15        | 64   |
| 07157 51671    | 23.36        | 77   | 07157 51991    | 8.65         | 107  | 07157 52791    | 9.78         | 64   |
| 07157 51673    | 22.26        | 77   | 07157 51993    | 8.65         | 107  | 07157 52793    | 12.64        | 64   |
| 07157 51675    | 24.22        | 77   | 07157 51995    | 8.65         | 107  | 07157 52795    | 10.23        | 64   |
| 07157 51677    | 22.57        | 77   | 07157 51997    | 8.65         | 107  | 07157 52797    | 13.21        | 64   |
| 07157 51679    | 24.71        | 77   | 07157 51999    | 8.65         | 107  | 07157 52799    | 11.65        | 66   |
| 07157 51681    | 19.94        | 77   | 07157 52001    | 8.65         | 107  | 07157 52801    | 15.80        | 66   |
| 07157 51683    | 20.32        | 77   | 07157 52003    | 8.65         | 107  | 07157 52803    | 8.82         | 66   |



| Felo<br>PART # | List<br>Each | Page | Felo<br>PART # | List<br>Each | Page | Felo<br>PART # | List<br>Each | Page |
|----------------|--------------|------|----------------|--------------|------|----------------|--------------|------|
| 07157 52805    | 11.37        | 66   | 07157 53149    | 15.81        | 95   | 07157 53629    | 15.11        | 66   |
| 07157 52807    | 8.46         | 67   | 07157 53151    | 6.92         | 95   | 07157 53637    | 12.31        | 66   |
| 07157 52809    | 8.46         | 67   | 07157 53153    | 8.77         | 95   | 07157 53639    | 15.35        | 66   |
| 07157 52811    | 8.46         | 67   | 07157 53155    | 11.31        | 95   | 07157 53679    | 5.40         | 66   |
| 07157 52813    | 9.48         | 67   | 07157 53157    | 17.40        | 95   | 07157 53681    | 19.05        | 66   |
| 07157 52815    | 9.48         | 67   | 07157 53165    | 53.21        | 71   | 07157 53683    | 8.82         | 66   |
| 07157 52817    | 10.64        | 67   | 07157 53167    | 58.83        | 65   | 07157 53685    | 11.37        | 66   |
| 07157 52819    | 10.64        | 67   | 07157 53169    | 57.35        | 95   | 07157 53687    | 17.06        | 66   |
| 07157 52821    | 10.64        | 67   | 07157 53171    | 28.00        | 71   | 07157 53689    | 17.06        | 66   |
| 07157 52823    | 13.21        | 67   | 07157 53173    | 36.78        | 65   | 07157 53693    | 47.57        | 70   |
| 07157 52825    | 13.99        | 67   | 07157 53175    | 29.41        | 95   | 07157 53701    | 30.87        | 70   |
| 07157 52833    | 3.98         | 147  | 07157 53195    | 18.42        | 127  | 07157 53711    | 17.79        | 68   |
| 07157 52865    | 4.19         | 147  | 07157 53197    | 18.42        | 127  | 07157 53711    | 17.79        | 155  |
| 07157 53015    | 34.07        | 149  | 07157 53199    | 18.42        | 127  | 07157 57521    | 34.16        | 65   |
| 07157 53023    | 4.55         | 147  | 07157 53201    | 18.42        | 127  | 07157 57557    | 4.31         | 127  |
| 07157 53025    | 10.04        | 147  | 07157 53203    | 18.42        | 127  | 07157 57591    | 13.19        | 66   |
| 07157 53027    | 4.55         | 147  | 07157 53205    | 18.42        | 127  | 07157 57593    | 15.38        | 66   |
| 07157 53035    | 10.04        | 147  | 07157 53207    | 18.42        | 127  | 07157 60365    | 27.31        | 68   |
| 07157 53037    | 4.55         | 147  | 07157 53209    | 18.42        | 127  | 07157 60365    | 27.31        | 155  |
| 07157 53039    | 10.04        | 147  | 07157 53235    | 28.57        | 102  | 07157 60427    | 16.14        | 126  |
| 07157 53053    | 1.86         | 139  | 07157 53413    | 4.62         | 106  | 07157 60903    | 13.19        | 67   |
| 07157 53077    | 86.33        | 130  | 07157 53439    | 85.04        | 130  | 07157 60905    | 13.19        | 67   |
| 07157 53089    | 10.39        | 131  | 07157 53447    | 86.33        | 130  | 07157 60907    | 14.36        | 67   |
| 07157 53091    | 10.39        | 131  | 07157 53507    | 11.62        | 67   | 07157 60909    | 14.36        | 67   |
| 07157 53093    | 10.39        | 131  | 07157 53509    | 12.17        | 67   | 07157 61245    | 8.65         | 107  |
| 07157 53095    | 10.39        | 131  | 07157 53511    | 12.17        | 67   | 07157 61307    | 5.02         | 109  |
| 07157 53117    | 5.71         | 66   | 07157 53517    | 33.74        | 70   | 07157 61391    | 136.11       | 69   |
| 07157 53119    | 6.11         | 66   | 07157 53521    | 45.45        | 79   | 07157 61479    | 14.67        | 68   |
| 07157 53121    | 9.13         | 64   | 07157 53523    | 35.42        | 73   | 07157 61481    | 46.25        | 119  |
| 07157 53125    | 19.71        | 64   | 07157 53525    | 83.30        | 149  | 07157 61509    | 9.55         | 69   |
| 07157 53127    | 22.15        | 64   | 07157 53527    | 44.09        | 149  | 07157 61511    | 9.78         | 69   |
| 07157 53129    | 16.81        | 64   | 07157 53529    | 40.78        | 150  | 07157 61545    | 85.18        | 122  |
| 07157 53131    | 17.57        | 64   | 07157 53541    | 25.70        | 152  | 07157 61553    | 154.73       | 118  |
| 07157 53133    | 7.29         | 95   | 07157 53543    | 23.62        | 154  | 07157 61557    | 107.92       | 119  |
| 07157 53135    | 7.29         | 95   | 07157 53595    | 9.04         | 128  | 07157 61569    | 30.78        | 123  |
| 07157 53139    | 7.73         | 95   | 07157 53611    | 7.97         | 66   | 07157 61585    | 13.63        | 123  |
| 07157 53141    | 9.13         | 95   | 07157 53619    | 9.39         | 66   | 07157 61625    | 8.65         | 107  |
| 07157 53143    | 10.84        | 95   | 07157 53621    | 9.25         | 66   | 07157 61627    | 8.65         | 107  |
| 07157 53145    | 11.26        | 95   | 07157 53623    | 11.65        | 66   | 07157 61629    | 8.65         | 107  |
| 07157 53147    | 12.53        | 95   | 07157 53627    | 12.74        | 66   | 07157 61631    | 8.65         | 107  |

| Felo<br>PART #     | List<br>Each  | Page       | Felo<br>PART #     | List<br>Each  | Page       | Felo<br>PART #     | List<br>Each | Page       |
|--------------------|---------------|------------|--------------------|---------------|------------|--------------------|--------------|------------|
| 07157 <b>61633</b> | <b>8.65</b>   | <b>107</b> | 07157 <b>62743</b> | <b>72.58</b>  | <b>99</b>  | 07157 <b>62961</b> | <b>6.42</b>  | <b>133</b> |
| 07157 <b>61651</b> | <b>9.82</b>   | <b>107</b> | 07157 <b>62745</b> | <b>81.02</b>  | <b>99</b>  | 07157 <b>62969</b> | <b>7.25</b>  | <b>133</b> |
| 07157 <b>61653</b> | <b>9.82</b>   | <b>107</b> | 07157 <b>62749</b> | <b>328.48</b> | <b>99</b>  | 07157 <b>62971</b> | <b>6.05</b>  | <b>133</b> |
| 07157 <b>61655</b> | <b>9.82</b>   | <b>107</b> | 07157 <b>62755</b> | <b>58.48</b>  | <b>71</b>  | 07157 <b>62973</b> | <b>7.25</b>  | <b>133</b> |
| 07157 <b>61657</b> | <b>9.82</b>   | <b>107</b> | 07157 <b>62853</b> | <b>67.61</b>  | <b>98</b>  | 07157 <b>62975</b> | <b>7.25</b>  | <b>133</b> |
| 07157 <b>61659</b> | <b>9.82</b>   | <b>107</b> | 07157 <b>62867</b> | <b>1.29</b>   | <b>135</b> | 07157 <b>62977</b> | <b>7.61</b>  | <b>133</b> |
| 07157 <b>61661</b> | <b>9.82</b>   | <b>107</b> | 07157 <b>62869</b> | <b>1.29</b>   | <b>135</b> | 07157 <b>62979</b> | <b>7.61</b>  | <b>133</b> |
| 07157 <b>61663</b> | <b>9.82</b>   | <b>107</b> | 07157 <b>62871</b> | <b>1.40</b>   | <b>135</b> | 07157 <b>62981</b> | <b>5.18</b>  | <b>146</b> |
| 07157 <b>61665</b> | <b>9.82</b>   | <b>107</b> | 07157 <b>62879</b> | <b>2.38</b>   | <b>135</b> | 07157 <b>62983</b> | <b>5.18</b>  | <b>146</b> |
| 07157 <b>61667</b> | <b>9.82</b>   | <b>107</b> | 07157 <b>62881</b> | <b>2.38</b>   | <b>135</b> | 07157 <b>62985</b> | <b>5.49</b>  | <b>146</b> |
| 07157 <b>61727</b> | <b>13.63</b>  | <b>69</b>  | 07157 <b>62883</b> | <b>2.38</b>   | <b>135</b> | 07157 <b>62995</b> | <b>8.18</b>  | <b>145</b> |
| 07157 <b>61731</b> | <b>9.19</b>   | <b>95</b>  | 07157 <b>62885</b> | <b>2.38</b>   | <b>135</b> | 07157 <b>62997</b> | <b>8.18</b>  | <b>145</b> |
| 07157 <b>61733</b> | <b>17.09</b>  | <b>123</b> | 07157 <b>62887</b> | <b>2.48</b>   | <b>135</b> | 07157 <b>62999</b> | <b>8.44</b>  | <b>145</b> |
| 07157 <b>62053</b> | <b>132.99</b> | <b>117</b> | 07157 <b>62889</b> | <b>2.48</b>   | <b>135</b> | 07157 <b>63007</b> | <b>9.52</b>  | <b>145</b> |
| 07157 <b>62055</b> | <b>120.88</b> | <b>118</b> | 07157 <b>62891</b> | <b>4.04</b>   | <b>135</b> | 07157 <b>63009</b> | <b>9.52</b>  | <b>145</b> |
| 07157 <b>62057</b> | <b>89.51</b>  | <b>121</b> | 07157 <b>62893</b> | <b>4.04</b>   | <b>135</b> | 07157 <b>63011</b> | <b>9.52</b>  | <b>145</b> |
| 07157 <b>62059</b> | <b>92.14</b>  | <b>121</b> | 07157 <b>62895</b> | <b>4.30</b>   | <b>135</b> | 07157 <b>63013</b> | <b>9.52</b>  | <b>145</b> |
| 07157 <b>62405</b> | <b>13.97</b>  | <b>69</b>  | 07157 <b>62903</b> | <b>4.04</b>   | <b>135</b> | 07157 <b>63015</b> | <b>9.88</b>  | <b>145</b> |
| 07157 <b>62631</b> | <b>12.87</b>  | <b>97</b>  | 07157 <b>62905</b> | <b>4.04</b>   | <b>135</b> | 07157 <b>63017</b> | <b>9.88</b>  | <b>145</b> |
| 07157 <b>62635</b> | <b>13.29</b>  | <b>97</b>  | 07157 <b>62907</b> | <b>4.30</b>   | <b>135</b> | 07157 <b>63019</b> | <b>6.68</b>  | <b>145</b> |
| 07157 <b>62637</b> | <b>10.82</b>  | <b>97</b>  | 07157 <b>62909</b> | <b>3.57</b>   | <b>146</b> | 07157 <b>63021</b> | <b>6.68</b>  | <b>145</b> |
| 07157 <b>62639</b> | <b>13.68</b>  | <b>97</b>  | 07157 <b>62911</b> | <b>3.57</b>   | <b>146</b> | 07157 <b>63023</b> | <b>6.99</b>  | <b>145</b> |
| 07157 <b>62641</b> | <b>16.50</b>  | <b>97</b>  | 07157 <b>62913</b> | <b>3.83</b>   | <b>146</b> | 07157 <b>63031</b> | <b>7.87</b>  | <b>145</b> |
| 07157 <b>62643</b> | <b>15.77</b>  | <b>97</b>  | 07157 <b>62921</b> | <b>5.74</b>   | <b>146</b> | 07157 <b>63033</b> | <b>7.87</b>  | <b>145</b> |
| 07157 <b>62645</b> | <b>17.35</b>  | <b>97</b>  | 07157 <b>62923</b> | <b>5.74</b>   | <b>146</b> | 07157 <b>63035</b> | <b>7.87</b>  | <b>145</b> |
| 07157 <b>62647</b> | <b>14.50</b>  | <b>97</b>  | 07157 <b>62925</b> | <b>5.74</b>   | <b>146</b> | 07157 <b>63037</b> | <b>7.87</b>  | <b>145</b> |
| 07157 <b>62649</b> | <b>15.78</b>  | <b>97</b>  | 07157 <b>62927</b> | <b>5.74</b>   | <b>146</b> | 07157 <b>63039</b> | <b>8.23</b>  | <b>145</b> |
| 07157 <b>62651</b> | <b>14.35</b>  | <b>97</b>  | 07157 <b>62929</b> | <b>6.00</b>   | <b>146</b> | 07157 <b>63041</b> | <b>8.23</b>  | <b>145</b> |
| 07157 <b>62653</b> | <b>16.87</b>  | <b>97</b>  | 07157 <b>62931</b> | <b>6.00</b>   | <b>146</b> | 07157 <b>63055</b> | <b>35.81</b> | <b>151</b> |
| 07157 <b>62655</b> | <b>16.24</b>  | <b>97</b>  | 07157 <b>62933</b> | <b>3.83</b>   | <b>133</b> | 07157 <b>63059</b> | <b>31.04</b> | <b>151</b> |
| 07157 <b>62657</b> | <b>18.00</b>  | <b>97</b>  | 07157 <b>62935</b> | <b>3.83</b>   | <b>133</b> | 07157 <b>63063</b> | <b>48.70</b> | <b>152</b> |
| 07157 <b>62659</b> | <b>15.39</b>  | <b>97</b>  | 07157 <b>62937</b> | <b>3.98</b>   | <b>133</b> | 07157 <b>63067</b> | <b>46.06</b> | <b>152</b> |
| 07157 <b>62661</b> | <b>17.62</b>  | <b>97</b>  | 07157 <b>62945</b> | <b>4.50</b>   | <b>133</b> | 07157 <b>63077</b> | <b>26.86</b> | <b>133</b> |
| 07157 <b>62663</b> | <b>18.91</b>  | <b>98</b>  | 07157 <b>62947</b> | <b>4.50</b>   | <b>133</b> |                    |              |            |
| 07157 <b>62665</b> | <b>19.49</b>  | <b>98</b>  | 07157 <b>62949</b> | <b>4.50</b>   | <b>133</b> |                    |              |            |
| 07157 <b>62667</b> | <b>20.66</b>  | <b>98</b>  | 07157 <b>62951</b> | <b>4.50</b>   | <b>133</b> |                    |              |            |
| 07157 <b>62669</b> | <b>19.79</b>  | <b>98</b>  | 07157 <b>62953</b> | <b>4.71</b>   | <b>133</b> |                    |              |            |
| 07157 <b>62681</b> | <b>32.35</b>  | <b>103</b> | 07157 <b>62955</b> | <b>4.71</b>   | <b>133</b> |                    |              |            |
| 07157 <b>62683</b> | <b>20.75</b>  | <b>103</b> | 07157 <b>62957</b> | <b>6.05</b>   | <b>133</b> |                    |              |            |
| 07157 <b>62741</b> | <b>59.36</b>  | <b>98</b>  | 07157 <b>62959</b> | <b>6.05</b>   | <b>133</b> |                    |              |            |







# Torque & Interchangeability

| Hex Size<br>Inch   | Torque Capacity**         |        |                         |        | Screw Interchangeability |           |        |              |       |
|--------------------|---------------------------|--------|-------------------------|--------|--------------------------|-----------|--------|--------------|-------|
|                    | Bondhus<br>Straight Hex   |        | Bondhus<br>Ball End Tip |        |                          |           |        |              |       |
|                    | in-lb                     | Nm     | in-lb                   | Nm     |                          |           |        |              |       |
| .050               | 7.9                       | 0.892  | 3                       | 0.339  | 0                        | 1, 2      | 1, 2   | 3, 4         | —     |
| 1/16               | 15.9                      | 1.796  | 7                       | 0.0791 | 1                        | 3, 4      | 3, 4   | 5, 6         | —     |
| 5/64               | 34                        | 3.842  | 13                      | 1.469  | 2, 3                     | 5, 6      | 5, 6   | 8            | —     |
| 3/32               | 51                        | 5.763  | 24                      | 2.712  | 4, 5                     | 8         | 8      | 10           | —     |
| 7/64               | 84                        | 9.492  | 39                      | 4.407  | 6                        | 10        | —      | —            | —     |
| 1/8                | 129                       | 14.57  | 57                      | 6.441  | —                        | —         | 10     | 1/4          | 1/4   |
| 9/64               | 185                       | 20.90  | 86                      | 9.718  | 8                        | 1/4       | —      | —            | —     |
| 5/32               | 265                       | 29.94  | 127                     | 14.35  | 10                       | 5/16      | 1/4    | 5/16         | 5/16  |
| 3/16               | 431                       | 48.7   | 189                     | 21.35  | 1/4                      | 3/8       | 5/16   | 3/8          | 3/8   |
| 7/32               | 673                       | 76.04  | 318                     | 35.93  | —                        | 7/16      | 3/8    | 7/16         | —     |
| 1/4                | 950                       | 107.3  | 482                     | 54.44  | 5/16                     | 1/2       | —      | 1/2          | 1/2   |
| 5/16               | 2022                      | 228.4  | 888                     | 100.3  | 3/8                      | 5/8       | 1/2    | 5/8          | 5/8   |
| 3/8                | 3005                      | 339.5  | 14.88                   | 168.1  | 7/16, 1/2                | —         | 5/8    | 3/4          | 3/4   |
| 7/16               | 4047                      | 457.3  | 1661                    | 187.7  | 9/16                     | 3/4       | —      | —            | —     |
| 1/2                | 6033                      | 681.7  | 2451                    | 277.0  | 5/8                      | —         | —      | 7/8          | 1     |
| 9/16               | 8605                      | 972.2  | 3459                    | 390.8  | —                        | —         | —      | 1, 1-1/8     | —     |
| 5/8                | 11819                     | 1335.4 | 4711                    | 532.3  | 3/4                      | —         | —      | 1-1/4, 1-3/8 | 1-1/4 |
| 3/4                | 20424                     | 2307.6 | 8052                    | 909.8  | 7/8, 1                   | —         | —      | 1-1/2        | —     |
| Hex Size<br>Metric | in-lb                     | Nm     | in-lb                   | Nm     |                          |           |        |              |       |
| 1.27               | 7.9                       | .892   | 3                       | 0.339  | 1.4                      | —         | —      | 2.5          | —     |
| 1.5                | 13.1                      | 1.480  | 5                       | .565   | 1.6, 2                   | —         | —      | 3            | —     |
| 2                  | 33                        | 3.729  | 13                      | 1.469  | 2.5                      | 3         | 3      | 4            | —     |
| 2.5                | 63                        | 7.119  | 33                      | 3.729  | 3                        | 1.469     | 2.5    | 5            | —     |
| 3                  | 106                       | 11.97  | 52                      | 5.876  | 4                        | 5         | 5      | 6            | 5     |
| 3.5                | 143                       | 16.13  | 70                      | 7.910  | —                        | —         | —      | —            | —     |
| 4                  | 264                       | 29.83  | 131                     | 14.8   | 5                        | 6         | 6      | 8            | 6     |
| 4.5                | 305                       | 34.50  | 147                     | 16.6   | —                        | —         | —      | —            | —     |
| 5                  | 483                       | 54.57  | 247                     | 27.91  | 6                        | 8         | 8      | 10           | 8     |
| 5.5                | 559                       | 63.24  | 270                     | 30.5   | —                        | —         | —      | —            | —     |
| 6                  | 855                       | 96.61  | 396                     | 44.74  | 8                        | 10        | 10     | 12           | 10    |
| 7                  | 1090.8                    | 123.2  | 549                     | 62.1   | —                        | —         | —      | —            | —     |
| 8                  | 1861                      | 210.2  | 989                     | 111.7  | 10                       | 12        | 12     | 14, 16       | 12    |
| 9                  | 2326                      | 262.8  | 1132                    | 128.0  | —                        | —         | —      | —            | —     |
| 10                 | 3563                      | 402.6  | 1591                    | 179.7  | 12                       | 14, 16    | 14, 16 | 18, 20       | 16    |
| 12                 | 5103                      | 576.6  | 2022                    | 228.5  | 14                       | 18, 20    | 18, 20 | 22, 24       | 20    |
| 14                 | 8081                      | 913.0  | 3215                    | 363.5  | 16, 18                   | 22, 24    | 22, 24 | —            | —     |
| 17                 | 14507                     | 1639.1 | 5694                    | 643.3  | 20, 22                   | —         | —      | —            | —     |
| 19                 | 20285                     | 2291.9 | 8052                    | 909.8  | 24, 27                   | —         | —      | —            | —     |
| TORX®<br>Size      | Bondhus<br>Straight TORX® |        |                         |        |                          |           |        |              |       |
|                    | in-lb                     | Nm     | in-lb                   | Nm     |                          |           |        |              |       |
| T5                 | 3.8                       | 0.4    | —                       | —      | —                        | —         | —      | 3            | —     |
| T6                 | 6.6                       | 0.7    | 4                       | 0.45   | —                        | 2         | —      | 4            | —     |
| T7                 | 12                        | 1.4    | 9                       | 1.0    | —                        | 3         | 2      | 5, 6         | —     |
| T8                 | 20                        | 2.3    | 16                      | 1.8    | —                        | 4         | 3      | 8            | —     |
| T9                 | 25                        | 2.8    | 19                      | 2.1    | —                        | 5         | 4      | —            | —     |
| T10                | 33                        | 3.7    | 25                      | 2.8    | 4, 5                     | 6         | 5      | 10, 12       | —     |
| T15                | 57                        | 6.4    | 41                      | 4.6    | 6                        | 8         | 6      | —            | —     |
| T20                | 93                        | 10.5   | 61                      | 6.9    | —                        | 10        | 8      | 1/4          | —     |
| T25                | 140                       | 15.8   | 85                      | 9.6    | 8                        | 12        | 10     | —            | —     |
| T27                | 199                       | 22.5   | 96                      | 10.8   | 10, 12                   | 1/4       | 12     | 5/16         | —     |
| T30                | 276                       | 31.2   | 110                     | 12.4   | 1/4                      | —         | —      | 3/8          | —     |
| T40                | 480                       | 54.2   | 363                     | 41.0   | —                        | 5/16, 3/8 | —      | 7/16         | —     |
| T45                | 763                       | 86.2   | 409                     | 46.2   | 5/16                     | —         | 3/8    | 1/2          | —     |
| T50                | 1171                      | 132.3  | 440                     | 49.7   | 3/8                      | 7/16      | 7/16   | —            | —     |
| T55                | 1931                      | 218.2  | 799                     | 90.3   | 7/16, 1/2                | 1/2       | 1/2    | —            | —     |

\*\*Minimum torque capacities Bondhus tools generate without breakage.  
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