

Tools That
Work



2015-2016 Catalog

felo



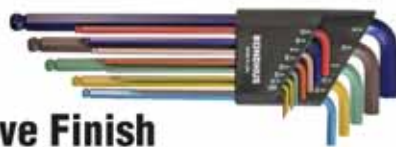
ERGONIC®
Made in Germany
6.5x12x125
MolybdenVan.



NEW! from Bondhus



Color-coded Protective Finish



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

p. 5

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



Torque Limiting Device (TLD)



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



Hex End Power Bits

An expanded range of power bits.

p. 53



ProHold® Hex End Power Bits

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

p. 53



ProHold® TORX® Power Bits

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

p. 53

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



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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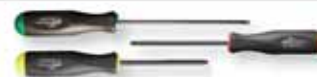
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ClickSet™ TLD 46-47



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L-Wrenches



Color Coded
■ Inch
■ Metric
■ TORX®




- 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



High Torque Steel:

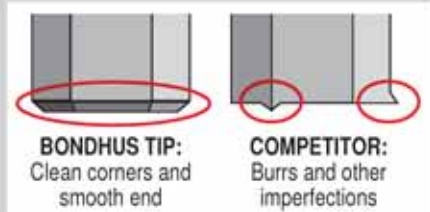
Up to 20% stronger, with more torque and twice the wear resistance of standard grades of steel.

FINISH OPTIONS:

- 
ProGuard DEF SURFACE TECHNOLOGY DST Corrosion-resistant finish: Environmentally safe, provides better tool grip, resists solvents and is 5 times more corrosion resistant than competitor finishes.
- 
BriteGuard FINISH Next generation chrome finish: Traditional plated tool look with superior protection and durability.
- 
GoldGuard FINISH Real 14 karat gold finish: Superior protection and durability over traditional chrome and the look and shine of real gold.
- 
ColorGuard FINISH Color-coded protective finish: Durable color-coded finish for superior protection and easy tool identification.

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 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.

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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.



L-Wrenches

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



- 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®

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



20199

ProGuard™ Ball End Stubby



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



20599

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



20499

ProGuard™ Hex End



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



22199

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



14132

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



14187

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

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



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



14170

ColorGuard™ Ball End



PART#	MODEL#	PCS	CONTENTS	QTY	LIST
69600	BLX22XLCG	22	69637 (.050-3/8") + 69699 (1.5-10mm)	1	\$61.48



69600

BriteGuard™ Ball End



PART#	MODEL#	PCS	CONTENTS	QTY	LIST
26999	BLX22B	22	16937 (.050-3/8") + 16999 (1.5-10mm)	1	\$42.12



26999

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



20399

GoldGuard™ Ball End



PART#	MODEL#	PCS	CONTENTS	QTY	LIST
20899	BLX22G	22	37937 (.050-3/8") + 38099 (1.5-10mm)	1	\$44.92



20899

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Made in the U.S.A.



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

Ball End L-Wrenches

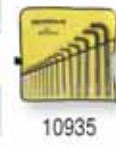
- ProGuard™ Finish -

L-Wrenches

- 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
Inch	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, 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



SINGLE PACKAGING

PACKAGED BULK TAGGED/BARCODED

Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA	PART#	QTY	LIST EA	PART#	QTY	LIST EA
LONG Inch	.050	2.8	72	0.53	13	10902	10	\$1.00	12902	100	\$0.73	15702	10	\$1.09
	1/16	3.0	76	0.56	14	10903	10	\$1.00	12903	100	\$0.73	15703	10	\$1.09
	5/64	3.2	81	0.61	15	10904	10	\$1.00	12904	100	\$0.73	15704	10	\$1.09
	3/32	3.4	86	0.65	16	10905	10	\$1.05	12905	100	\$0.82	15705	10	\$1.13
	7/64	3.6	90	0.70	18	10906	10	\$1.17	12906	100	\$0.93	15706	10	\$1.27
	1/8	3.8	95	0.75	19	10907	10	\$1.22	12907	100	\$0.96	15707	10	\$1.31
	9/64	4.0	101	0.80	20	10908	10	\$1.22	12908	100	\$0.96	15708	10	\$1.31
	5/32	4.2	107	0.84	21	10909	10	\$1.27	12909	100	\$1.02	15709	10	\$1.38
	3/16	4.5	114	0.94	24	10910	10	\$1.48	12910	100	\$1.16	15710	10	\$1.59
	7/32	4.9	124	1.03	26	10911	5	\$1.78	12911	50	\$1.54	15711	5	\$1.91
	1/4	5.6	141	1.13	29	10912	5	\$2.05	12912	50	\$1.82	15712	5	\$2.21
	5/16	6.0	152	1.25	32	10913	5	\$3.23	12913	50	\$2.83	15713	5	\$3.51
	3/8	6.8	171	1.38	35	10914	5	\$4.54	12914	50	\$4.14	15714	5	\$4.91
	7/16	7.5	191	1.50	38	10915	1	\$9.41	12915	25	\$8.76	15715	1	\$10.14
	1/2	8.3	210	1.63	41	10916	1	\$12.06	12916	25	\$11.21	15716	1	\$12.98
	9/16	9.0	229	1.75	44	10917	1	\$14.75	12917	10	\$14.00	15717	1	\$15.88
	5/8	9.8	248	1.88	48	10918	1	\$16.48	12918	10	\$15.65	15718	1	\$17.75
	3/4	11.3	286	2.13	54	10919	1	\$27.25	12919	5	\$26.18	15719	1	\$29.34
	7/8	12.8	325	2.37	60	10920	1	\$61.54	-	-	-	-	-	-
	1	14.2	362	2.62	67	10921	1	\$82.10	-	-	-	-	-	-

SINGLE PACKAGING

PACKAGED

Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA
EXTRA LONG Inch	.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 -

L-Wrenches

- 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
Metric	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 (in metal box)	1	\$84.51
	16099	BLX9MXL	9	Extra Long	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm	1	\$18.84



Singles	SIZE	INCH		MM		PACKAGED			BULK			TAGGED/BARCODED		
		INCH	MM	INCH	MM	PART#	QTY	LIST EA	PART#	QTY	LIST EA	PART#	QTY	LIST EA
LONG Metric	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		PACKAGED		
		INCH	MM	PART#	QTY	LIST EA		
EXTRA LONG Metric	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

- 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
Inch	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
Metric	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



Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA	PART#	QTY	LIST EA
LONG Inch	.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
	LONG Metric	1.27	2.8	72	0.53	13	75949	25	\$1.31	75749	5
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

- ProGuard™ Finish -

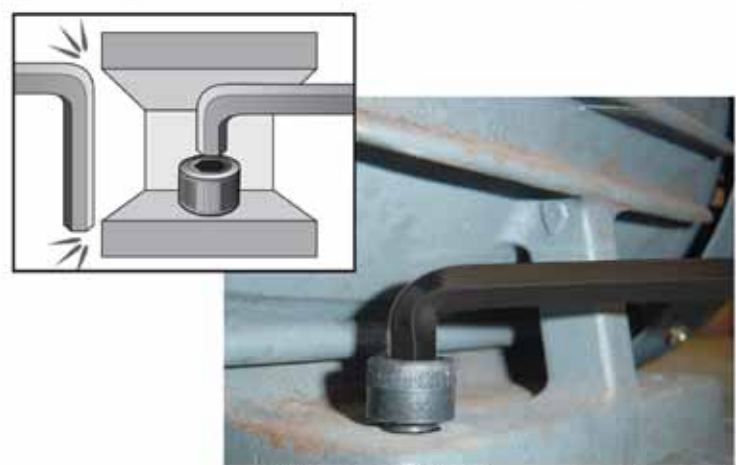
- Fits into tight spaces standard hex keys cannot
- Eliminates the need to trim and file the short arm
- Tighter inside radius means full smooth entry into screw head
- Chamfered short arm eliminates burrs
- Ball End inserts into a screw at a 25° angle



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



Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA	PART#	QTY	LIST EA
LONG Inch	.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
	LONG Metric	1.27	2.8	72	0.14	4	26549	50	\$1.16	16549	5
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 -

L-Wrenches

- 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



Hex End Tips

Long

Short

Sets	PART#	MODEL#	PCS	LENGTH	CONTENTS	QTY	LIST
Inch	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
Inch	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



12344

In Plastic Box

Sets	PART#	MODEL#	PCS	LENGTH	CONTENTS	QTY	LIST
Inch	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



12342

In Pouch

Sets	PART#	MODEL#	PCS	LENGTH	CONTENTS	QTY	LIST
Inch	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



12347

SINGLE PACKAGING



PACKAGED

SINGLE PACKAGING



PACKAGED

Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA
6" LONG ARM Inch	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
12" LONG ARM Inch	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

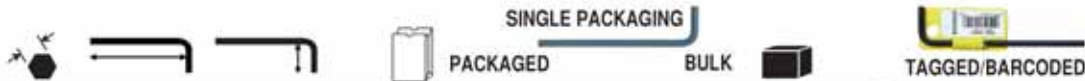
- ProGuard™ Finish -

- 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



Singles	SIZE	INCH		MM		SINGLE PACKAGING			PACKAGED			BULK			TAGGED/BARCODED		
		INCH	MM	INCH	MM	PART#	QTY	LIST EA	PART#	QTY	LIST EA	PART#	QTY	LIST EA	PART#	QTY	LIST EA
LONG Inch	.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	-	-	-	-	-	-				



Singles	SIZE	INCH		MM		SINGLE PACKAGING			PACKAGED			BULK			TAGGED/BARCODED		
		INCH	MM	INCH	MM	PART#	QTY	LIST EA	PART#	QTY	LIST EA	PART#	QTY	LIST EA	PART#	QTY	LIST EA
SHORT Inch	.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 -

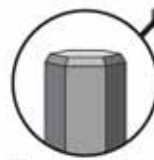
L-Wrenches

- 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



Hex End Tips

Long



Short

Sets	PART#	MODEL#	PCS	LENGTH	CONTENTS	QTY	LIST
Metric	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

Sets	PART#	MODEL#	PCS	LENGTH	CONTENTS	QTY	LIST
Metric	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

Sets	PART#	MODEL#	PCS	LENGTH	CONTENTS	QTY	LIST
Metric	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

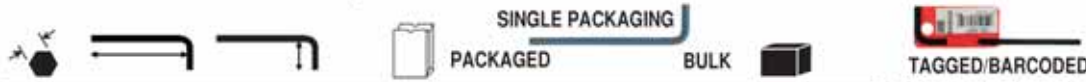
- ProGuard™ Finish -

ProGuard™ finish delivers superior corrosion protection



L-Wrenches

- 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	SIZE	INCH		MM		SINGLE PACKAGING			PACKAGED			BULK			TAGGED/BARCODED		
		INCH	MM	INCH	MM	PART#	QTY	LIST EA	PART#	QTY	LIST EA	PART#	QTY	LIST EA	PART#	QTY	LIST EA
LONG Metric	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	-	-	-	-	-	-				



Singles	SIZE	INCH		MM		SINGLE PACKAGING			PACKAGED			BULK			TAGGED/BARCODED		
		INCH	MM	INCH	MM	PART#	QTY	LIST EA	PART#	QTY	LIST EA	PART#	QTY	LIST EA	PART#	QTY	LIST EA
SHORT Metric	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



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



Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA
LONG 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
3/8	6.8	171	1.38	35	48314	2	\$5.36	
LONG Metric	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



Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA	PART#	QTY	LIST EA
LONG 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

- 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



BriteGuard™ finish delivers superior corrosion protection



Ball End Tips

Yellow=Inch

Red=Metric



25° Working angle

Sets	PART#	MODEL#	PCS	LENGTH	CONTENTS	QTY	LIST
Inch	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
Metric	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

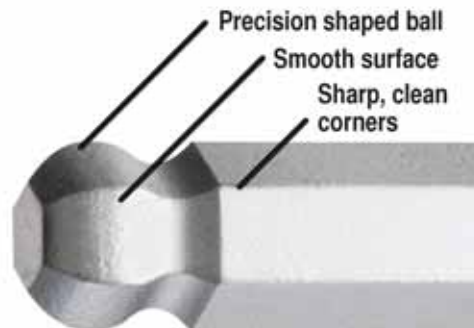


17099



Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA	PART#	QTY	LIST EA
LONG Inch	.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	

EXTRA LONG Metric	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

- 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

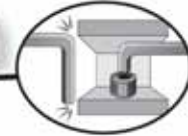


Ball End Tips



Yellow=Inch

Red=Metric



Stubby fits where others cannot

Sets	PART#	MODEL#	PCS	LENGTH	CONTENTS	QTY	LIST
Inch	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
Metric	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



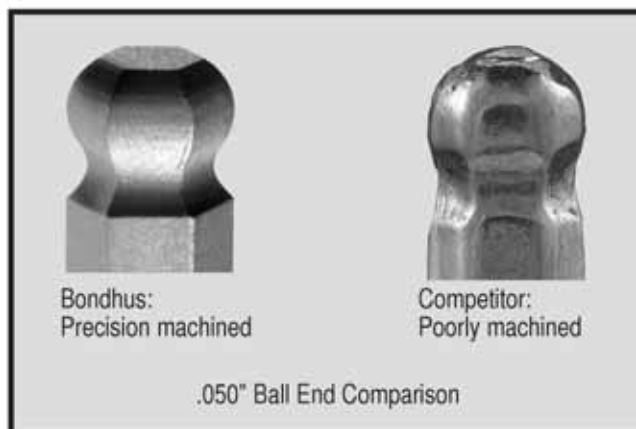
BULK



TAGGED/BARCODED

Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA	PART#	QTY	LIST EA
LONG Inch	.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
	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
	EXTRA LONG Metric	1.27	2.7	69	0.14	4	26749	50	\$1.54	16749	5
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.



Bondhus: Precision machined

Competitor: Poorly machined

.050" Ball End Comparison

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
Inch	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
Metric	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



Singles	LONG			SHORT		
	SIZE	INCH	MM	SIZE	INCH	MM
Inch	.028	2.6	66	.028	1.2	31
	.035	2.7	68	.035	1.2	31
	.050	2.8	72	.050	1.6	42
	1/16	3.0	76	1/16	1.8	45
	5/64	3.2	81	5/64	1.9	48
	3/32	3.4	86	3/32	2.0	51
	7/64	3.6	90	7/64	2.1	54
	1/8	3.8	95	1/8	2.3	58
	9/64	4.0	101	9/64	2.4	61
	5/32	4.2	107	5/32	2.5	64
	3/16	4.5	114	3/16	2.8	70
	7/32	4.9	124	7/32	3.0	77
	1/4	5.3	133	1/4	3.3	83
	5/16	6.0	152	5/16	3.8	96
	3/8	6.8	171	3/8	4.3	108
	7/16	7.5	191	7/16	4.8	121
	1/2	8.3	210	1/2	5.3	133
	9/16	9.0	229	9/16	5.8	146
	5/8	9.8	248	5/8	6.3	159
3/4	11.3	286	3/4	7.3	184	
Metric	.71	2.6	66	.71	1.2	31
	.89	2.7	68	.89	1.2	31
	1.27	2.8	72	1.27	1.6	42
	1.5	3.5	90	1.5	1.7	44
	2.0	3.9	100	2.0	1.9	49
	2.5	4.4	112	2.5	2.1	54
	3.0	5.0	126	3.0	2.4	61
	3.5	5.2	133	3.5	2.6	65
	4.0	5.6	142	4.0	2.7	68
	4.5	5.9	151	4.5	2.9	73
	5.0	6.3	160	5.0	3.1	78
	5.5	6.8	172	5.5	3.3	83
	6	6.8	172	6	3.5	88
	7	7.2	184	7	3.7	93
	8	7.7	195	8	3.9	98
	9	8.0	202	9	4.0	102
	10	8.4	213	10	4.3	109
	11	7.9	200	11	4.5	115
	12	8.7	220	12	4.8	122
14	10.2	260	14	5.4	136	
17	11.0	280	17	6.1	156	
19	11.6	295	19	6.9	175	

Made in the U.S.A.

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

Ball End L-Wrenches

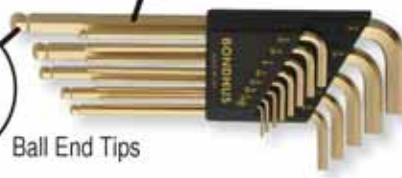
- GoldGuard™ Finish -

- 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

GoldGuard™ finish.
Real 14 karat Gold



Ball End Tips



25° Working angle

Sets	PART#	MODEL#	PCS	LENGTH	CONTENTS	QTY	LIST
Inch	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
Metric	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	INCH	MM	SINGLE PACKAGING			TAGGED/BARCODED		
						PART#	QTY	LIST EA	PART#	QTY	LIST EA
LONG Inch	.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	

LONG Metric	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	

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

TORX® Tip Tools



- Fits in both TORX® and TORX PLUS® fasteners
- Fits in Star and Star Plus fasteners
- A full range of tip sizes from T5 to T100
- The only TORX® tools made with Protanium® steel



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.

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.



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

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



L-Wrenches

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



TORX®



Sets	PART#	MODEL#	PCS	LENGTH	CONTENTS	QTY	LIST
TORX®	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	TLXS8S	8	Short	T6, T7, T8, T9, T10, T15, T20, T25	1	\$16.66
	31734	TLXS8	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

Singles	SIZE INCH MM INCH MM				PART# QTY LIST EA			SINGLE PACKAGING				PART# QTY LIST EA			SINGLE PACKAGING							
	Long				Part#	QTY	LIST	EA	Tagged/Barcoded				Part#	QTY	LIST	EA	Tagged/Barcoded					
TORX®	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	25	\$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

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
TORX®	71834	PHTX8	8	Long	T9, T10, T15, T20, T25, T27, T30, T40	1	\$24.84

Singles	SIZE INCH MM INCH MM				PART# QTY LIST EA			SINGLE PACKAGING				PART# QTY LIST EA			
	Long				Part#	QTY	LIST	EA	Tagged/Barcoded				Part#	QTY	LIST
LONG TORX®	T9	2.9	74	0.65	16	72809	25	\$4.10	71809	5	\$4.55				
	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					

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

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
BALL STAR™	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



Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA
BALL STAR™	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

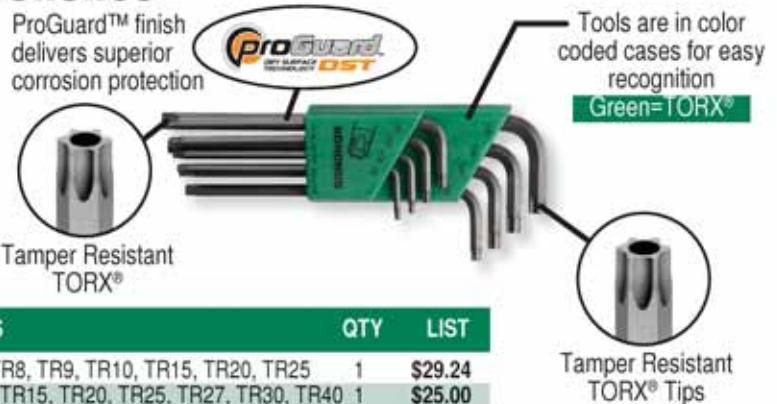
Did you know...?

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® 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
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



Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA	PART#	QTY	LIST EA
LONG 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® 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® and TORX PLUS® are registered trademarks of Acument Intellectual Properties, LLC

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
TORX®	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



33945



Singles	SIZE	INCH	MM	PART#	QTY	LIST EA
TORX®						
	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



Singles	SIZE	INCH	MM	PART#	QTY	LIST EA
TORX PLUS®						
	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
TORX®	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



34445



Singles	SIZE	INCH	MM	PART#	QTY	LIST EA
TORX®						
	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



Singles	SIZE	INCH	MM	PART#	QTY	LIST EA
TORX PLUS®						
	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



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

Color Coded

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



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



High Torque Steel:

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

FINISH OPTIONS:

ProGuard ENVIRONMENTALY SAFE SURFACE FINISH **DST** Corrosion-resistant finish: Environmentally safe, provides better tool grip, resists solvents and is 5 times more corrosion resistant than competitor finishes.

BriteGuard FINISH Next generation chrome finish: Traditional plated tool look with superior protection and durability.

GoldGuard FINISH Real 14 karat gold finish: Superior protection and durability over traditional chrome and the look and shine of real gold.

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



PART#	MODEL#	PCS	CONTENTS	QTY	LIST
12522	HF16	16	12589 (5/64-1/4") + 12587 (2-8mm)	1	\$15.11
12544	HF15	15	12587 (2-8mm) + 12634 (T9-T40)	1	\$22.30
12533	HF24	24	12589 (5/64-1/4") + 12587 (2-8mm) + 12634 (T9-T40)	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/Metric	12550	HF12	12	5/64, 3/32, 7/64, 1/8, 9/64, 5/32" 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.

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



Sets	PART#	MODEL#	PCS	CONTENTS	QTY	LIST
TORX®	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



Sets	PART#	MODEL#	PCS	CONTENTS	QTY	LIST
TORX®	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



Sets	PART#	MODEL#	PCS	CONTENTS	QTY	LIST
Utility	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
FINISH

ProGuard™ finish delivers superior corrosion protection



Sets	PART#	MODEL#	PCS	CONTENTS	QTY	LIST
Inch	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
Metric	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
TORX®	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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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:

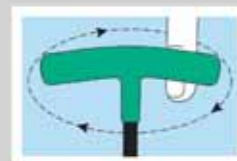


Corrosion-resistant finish:

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



Sets	PART#	MODEL#	PCS	LENGTH	W/STAND	CONTENTS	QTY	LIST
Inch	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
Metric	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
Inch/Metric	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		PART#	QTY	LIST EA	SINGLE PACKAGING		
		INCH	MM	INCH	MM				PACKAGED	TAGGED/BARCODED	QTY
Inch	3/32	6.1	154	3.0	76	13205 Hex*	2	\$3.93	53205 Hex*	2	\$4.48
	7/64	6.8	173	3.0	76	13206 Hex*	2	\$4.22	53206 Hex*	2	\$4.76
	1/8	7.6	192	3.0	76	13207 Hex*	2	\$4.47	53207 Hex*	2	\$5.11
	9/64	8.3	211	3.0	76	13208 Hex*	2	\$4.74	53208 Hex*	2	\$5.38
	5/32	9.1	231	3.0	76	13109	2	\$5.15	53109	2	\$5.91
	3/16	9.8	250	4.0	102	13110	2	\$5.43	53110	2	\$6.19
	7/32	10.3	262	4.0	102	13111	2	\$6.39	53111	2	\$7.25
	1/4	10.8	275	4.0	102	13112	2	\$6.55	53112	2	\$7.42
	5/16	11.4	289	5.0	127	13113	2	\$10.03	53113	2	\$11.00
	3/8	11.8	300	5.0	127	13114	2	\$11.06	53114	2	\$12.04
Metric	2.0	5.9	150	3.0	76	13252 Hex*	2	\$4.47	53252 Hex*	2	\$5.01
	2.5	6.8	172	3.0	76	13254 Hex*	2	\$4.47	53254 Hex*	2	\$5.01
	3.0	7.7	196	3.0	76	13256 Hex*	2	\$4.74	53256 Hex*	2	\$5.38
	4.0	8.7	220	3.0	76	13160	2	\$5.42	53160	2	\$6.18
	5.0	9.7	246	4.0	102	13164	2	\$6.23	53164	2	\$6.99
	6	10.5	266	4.0	102	13168	2	\$6.77	53168	2	\$7.64
	8	11.2	285	5.0	127	13172	2	\$10.18	53172	2	\$11.16
	10	12.1	307	5.0	127	13176	2	\$11.16	53176	2	\$12.13

*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.

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

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

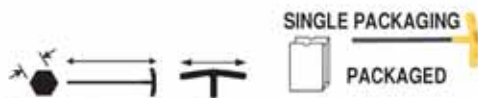
- ProGuard™ Finish -

T-Handles

- 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 -

T-Handles

- 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
Inch	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
Metric	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
Inch/Metric	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 -

T-Handles

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



SINGLE PACKAGING

PACKAGED TAGGED/BARCODED

Singles		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	45204	2	\$3.58	
	3/32	6.0	152	3.0	76	15205	2	\$3.04	45205	2	\$3.58	
	7/64	6.0	152	3.0	76	15206	2	\$3.11	45206	2	\$3.64	
	1/8	6.0	152	3.0	76	15207	2	\$3.45	45207	2	\$4.10	
	9/64	6.0	152	3.0	76	15208	2	\$3.67	45208	2	\$4.33	
	5/32	6.0	152	3.0	76	15209	2	\$3.86	45209	2	\$4.62	
	3/16	6.0	152	4.0	102	15210	2	\$4.27	45210	2	\$5.03	
	7/32	6.0	152	4.0	102	15211	2	\$4.38	45211	2	\$5.25	
	1/4	6.0	152	4.0	102	15212	2	\$4.98	45212	2	\$5.84	
	5/16	6.0	152	5.0	127	15213	2	\$8.08	45213	2	\$9.06	
	3/8	6.0	152	5.0	127	15214	2	\$9.00	45214	2	\$9.99	
	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	45252	2	\$3.64	
	2.5	6.0	152	3.0	76	15254	2	\$3.11	45254	2	\$3.64	
	3.0	6.0	152	3.0	76	15256	2	\$3.39	45256	2	\$4.05	
	4.0	6.0	152	3.0	76	15260	2	\$3.86	45260	2	\$4.62	
	5.0	6.0	152	4.0	102	15264	2	\$4.22	45264	2	\$4.98	
	6	6.0	152	4.0	102	15268	2	\$5.38	45268	2	\$6.25	
	7	6.0	152	4.0	102	15270	2	\$8.48	-	-	-	
	8	6.0	152	5.0	127	15272	2	\$8.48	45272	2	\$9.45	
	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	

SINGLE PACKAGING

PACKAGED

Singles		SIZE	INCH	MM	INCH	MM	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								
		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									
	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
Inch	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
Metric	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
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3" Blade Length

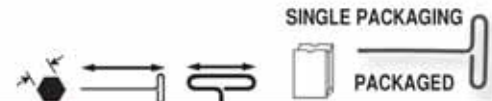
Inch	3/32	3.6	90	2.8	70	15605	2	\$1.23	
	7/64	3.6	91	2.8	70	15606	2	\$1.23	
	1/8	3.6	92	3.0	76	15607	2	\$1.28	
	9/64	3.7	93	3.0	76	15608	2	\$1.40	
	5/32	3.7	94	3.0	76	15609	2	\$1.50	
	3/16	3.8	95	4.0	102	15610	2	\$1.89	
	7/32	3.8	97	4.0	102	15611	2	\$2.55	
	1/4	3.9	98	4.0	102	15612	2	\$2.92	
	5/16	4.4	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
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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	

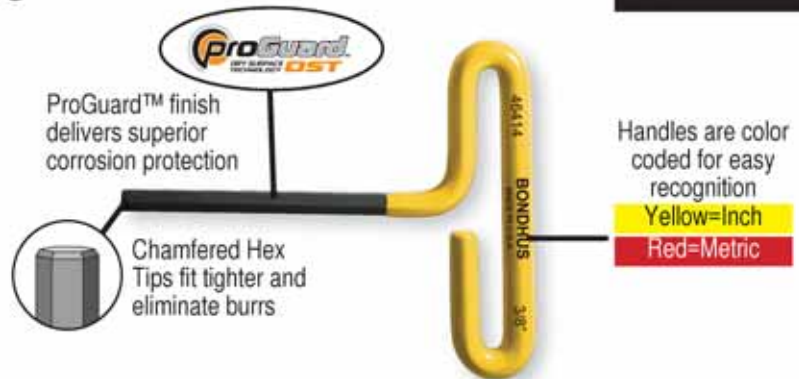


Cushion Grip Loop T-Handles

- 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



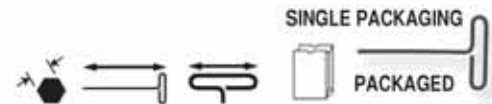
Sets	PART#	MODEL#	PCS	LENGTH	CONTENTS	QTY	LIST
Inch	46438	CTHX10-6	10	6 inch	3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"	1	\$45.27
	46538	CTHX10-9	10	9 inch	3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"	1	\$47.50
Metric	46487	CTHX80M-6	8	6 inch	2, 2.5, 3, 4, 5, 6, 8, 10mm	1	\$39.00
	46587	CTHX80M-9	8	9 inch	2, 2.5, 3, 4, 5, 6, 8, 10mm	1	\$42.50



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	

SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST	EA
9" Blade Length								
Inch	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
6" Blade Length								
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

SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST	EA
9" Blade Length								
Metric	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	\$8.90
	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

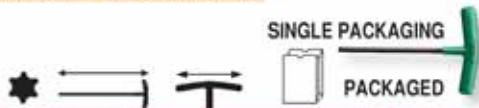


Handles are color coded for easy recognition
Green=TORX®



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

✓ Comes with stand 17934



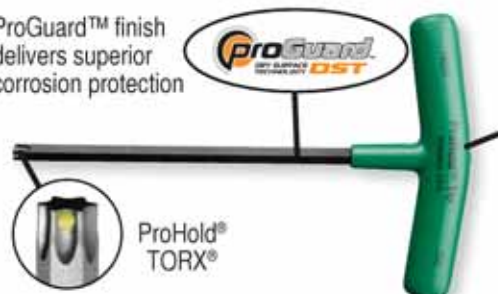
Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA
TORX®	T9	6.1	155	3.0	76	33009	2	\$5.03
	T10	6.4	161	3.0	76	33010	2	\$5.27
	T15	6.6	168	3.0	76	33015	2	\$5.61
	T20	6.9	174	3.0	76	33020	2	\$5.85
	T25	7.1	180	3.0	76	33025	2	\$6.09
	T27	7.4	187	4.0	102	33027	2	\$6.44
	T30	7.6	193	4.0	102	33030	2	\$6.78
	T40	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
TORX®	74034	PHTTHX8	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
TORX®	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.

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.

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®



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




High Torque Steel:

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

FINISH OPTIONS:

 **ProGuard** NEW SURFACE TECHNOLOGY DST Corrosion-resistant finish: Environmentally safe, provides better tool grip, resists solvents and is 5 times more corrosion resistant than competitor finishes.

 **BriteGuard** FINISH Next generation chrome finish: Traditional plated tool look with superior protection and durability.

 **GoldGuard** FINISH Real 14 karat gold finish: Superior protection and durability over traditional chrome and the look and shine of real gold.

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

ProGuard™ finish delivers superior corrosion protection



Ball End Tips



Screwdrivers

Handles are color coded for easy recognition

Yellow=Inch

Red=Metric

Sets	PART#	MODEL#	PCS	LENGTH	CONTENTS	QTY	LIST
Inch	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
Metric	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	Standard					Long													
	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA	PART#	QTY	LIST EA								
Inch	Standard					Long													
	.050	2.4	60	4.1	104	10602	2	\$2.37	40602	2	\$2.91	-	-	-	-	-			
	1/16	2.5	64	4.7	118	10603	2	\$2.56	40603	2	\$3.12	-	-	-	-	-			
	5/64	2.6	67	4.8	122	10604	2	\$2.77	40604	2	\$3.31	5/64	4.3	110	6.5	164	10704	2	\$3.22
	3/32	2.8	71	5.2	132	10605	2	\$2.91	40605	2	\$3.46	3/32	4.8	122	7.2	184	10705	2	\$3.33
	7/64	2.9	74	5.3	136	10606	2	\$2.94	40606	2	\$3.48	7/64	5.9	151	8.4	212	10706	2	\$3.66
	1/8	3.1	80	6.6	168	10607	2	\$2.98	40607	2	\$3.63	1/8	6.4	164	9.9	252	10707	2	\$3.98
	9/64	3.3	83	6.8	171	10608	2	\$3.25	40608	2	\$3.89	9/64	6.9	176	10.4	264	10708	2	\$4.31
	5/32	3.6	91	7.9	201	10609	2	\$3.47	40609	2	\$4.12	5/32	7.4	189	11.8	299	10709	2	\$5.14
	3/16	3.7	94	8.0	204	10610	2	\$4.61	40610	2	\$5.36	3/16	7.9	202	12.3	312	10710	2	\$5.71
	7/32	4.2	107	9.0	230	10611	2	\$4.95	40611	2	\$5.69	7/32	8.4	214	13.3	337	10711	2	\$6.39
	1/4	5.0	126	9.8	249	10612	2	\$6.26	40612	2	\$7.12	1/4	8.9	227	13.7	349	10712	2	\$7.43
	5/16	5.6	142	10.4	265	10613	2	\$7.42	40613	2	\$8.39	5/16	9.5	241	14.3	364	10713	2	\$8.87
	3/8	6.5	164	11.3	287	10614	2	\$8.91	40614	2	\$9.88	3/8	9.9	252	14.8	376	10714	2	\$10.51
7/16	7.6	194	12.5	317	10615	1	\$18.52	-	-	-	-	-	-	-	-				
1/2	8.6	217	13.4	340	10616	1	\$21.72	-	-	-	-	-	-	-	-				
Metric	Standard					Long													
	1.27	2.4	60	4.1	104	10649	2	\$2.36	40649	2	\$2.90	-	-	-	-	-			
	1.5	2.6	66	4.7	120	10650	2	\$2.64	40650	2	\$3.18	-	-	-	-	-			
	2.0	2.8	72	5.0	127	10652	2	\$2.94	40652	2	\$3.48	2.0	4.0	102	6.2	157	10752	2	\$3.31
	2.5	2.7	69	5.1	130	10654	2	\$2.95	40654	2	\$3.51	2.5	4.3	110	6.7	171	10754	2	\$3.55
	3.0	3.3	83	6.7	171	10656	2	\$2.99	40656	2	\$3.54	3.0	6.2	158	9.7	247	10756	2	\$4.18
	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

- ProGuard™ Finish -

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



Ball End Tips

ProGuard™ finish delivers superior corrosion protection



Handles are color coded for easy recognition

Yellow=Inch

Red=Metric

Singles	SINGLE PACKAGING				SINGLE PACKAGING				MAX
	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA	

Inch	Extra Long				PART#	QTY	LIST EA
	SIZE	INCH	MM	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

Singles	Custom Length				PART#	QTY	LIST EA	INCH	MM
	SIZE	INCH	MM	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.

Metric	Extra Long				PART#	QTY	LIST EA
	SIZE	INCH	MM	INCH			
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

Singles	Custom Length				PART#	QTY	LIST EA	INCH	MM
	SIZE	INCH	MM	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



ProHold® Tip holds screws securely

ProGuard™ finish delivers superior corrosion protection



Handles are color coded for easy recognition

Yellow=Inch

Red=Metric

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

Singles	SINGLE PACKAGING				PART#	QTY	LIST EA	
	SIZE	INCH	MM	INCH				MM
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	SINGLE PACKAGING				PART#	QTY	LIST EA	
	SIZE	INCH	MM	INCH				MM
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



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

PACKAGED

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

SINGLE PACKAGING

PACKAGED

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



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

PACKAGED

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

SINGLE PACKAGING

PACKAGED

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

- 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



Sets	PART#	MODEL#	PCS	CONTENTS	QTY	LIST
TORX®	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
TORX®	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



Sets	PART#	MODEL#	PCS	CONTENTS	QTY	LIST
TORX®	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
TORX®	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)

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

BallStar™ Tip 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



Handles are color coded for easy recognition
Green=TORX®



BallStar™ Tip



Sets	PART#	MODEL#	PCS	CONTENTS	QTY	LIST
BALL STAR™	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

Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA
BALL STAR™	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



Handles are color coded for easy recognition
Green=TORX®



Tamper Resistant TORX®



Sets	PART#	MODEL#	PCS	CONTENTS	QTY	LIST
TORX®	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

Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA
TORX®	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.

Square Ball End 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

Set	PART#	MODEL#	PCS	CONTENTS	QTY	LIST
	11640	BRX4	4	SQ0, SQ1, SQ2, SQ3	1	\$22.61



Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA
	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

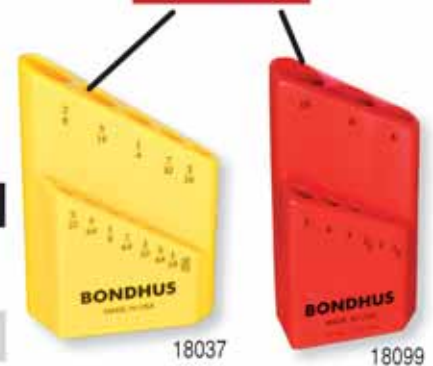


Bondhex™ Cases

- 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

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

Yellow=Inch
Red=Metric



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

- 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

Nut Drivers



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

PACKAGED

TAGGED/BARCODED

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

BONDHUS

LIFETIME WARRANTY

If any Bondhus® tool breaks or fails to meet your expectations in any way, simply return it. We will replace it free of charge.

ClickSet™ TLD (Torque Limiting Device)



- 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

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:



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.

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 -

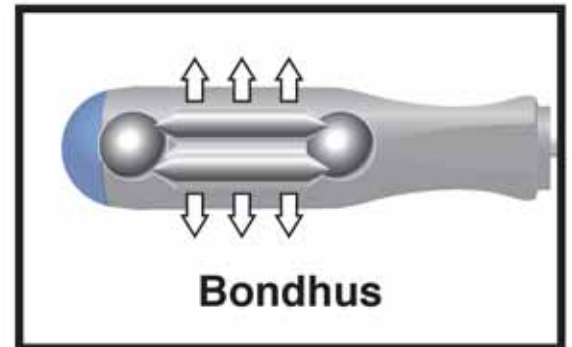
- Wide range of factory preset torque limiting handles – no adjustment needed
- When the preset torque level is reached, the mechanism slips and makes an audible “click”
- Protects from overtorquing
- Reduces fastener wear and stripping
- Reduces potential damage to carbide inserts
- Universal TORX®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

Impermeable PTFE finish for extra corrosion protection.

TUFFKOTE™
PTFE Finish

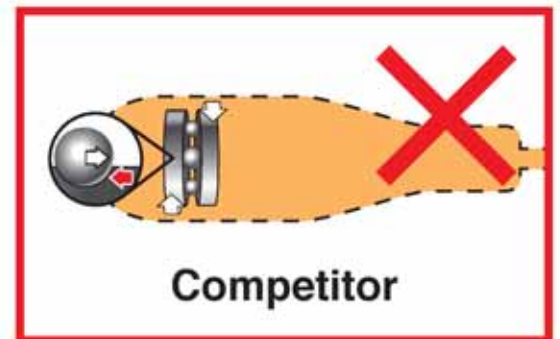


	PART #	TORQUE	QTY	LIST PRICE
Handles Only	50404	4.4 in-lb/0.5 Nm	1	\$26.91
	50405	5.3 in-lb/0.6 Nm	1	\$26.91
	50408	8.0 in-lb/0.9 Nm	1	\$26.91
	50409	9.7 in-lb/1.1 Nm	1	\$26.91
	50410	10.6 in-lb/1.2 Nm	1	\$26.91
	50412	12.4 in-lb/1.4 Nm	1	\$26.91
	50417	17.7 in-lb/2.0 Nm	1	\$26.91
	50422	22.1 in-lb/2.5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



Bondhus ClickSet™ Torque Limiting Screwdrivers distribute the torque load along the handle, redistributing force over a larger surface for greater accuracy and longer tool life.

	PART #	SIZE	QTY	LIST PRICE
Inch Hex	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
	Metric Hex	50150	1.5mm	1
50152		2.0mm	1	\$9.32
50154		2.5mm	1	\$9.32
50156		3.0mm	1	\$9.32
TORX®		50205	T/IP5	1
	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



Competitor torque limiting tools use ball bearings or teeth to carry the torque load across the handle, wearing out the mechanism quickly.

	PART #	HANDLE TORQUE	BLADE TIP	QTY	LIST PRICE
TORX®	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



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

Socket Bits



- Bits can be purchased with or without sockets
- ProHold® technology holds bits securely but remains easy to remove without the use of special tools
- Bits can be used with any standard six point socket
- The most economical solution available



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
Inch	43299	PHX9/S-2	9	2"/50mm	Sockets & Bits	Transparent Clamshell	5/32, 3/16, 7/32, 1/4, 5/16, 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, 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, 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, 3/8, 1/2, 9/16, 5/8"	1	\$64.69
	Metric	43298	PHX9M/S-2	9	2"/50mm	Sockets & Bits	Transparent Clamshell	4, 5, 6, 7, 8, 10, 12, 14, 17mm	1
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



Singles	SIZE	PART# QTY LIST EA		PART# QTY DRIVE LIST EA		
Inch	2" Long		50mm Long			
	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
	3/4	33219	1	\$12.47	43219	1 1/2" \$21.22
Inch	2.5" Long		65mm Long			
	7/8	33220	1	\$14.75	-	-
	1	33221	1	\$22.25	-	-
	1 1/8	33223	1	\$23.81	-	-
	1 1/4	33225	1	\$28.98	-	-
	1 1/2	33229	1	\$36.74	-	-
	1 3/4	33231	1	\$45.54	-	-
2	33233	1	\$51.74	-	-	
Inch	6" Long		150mm Long			
	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		
Metric	2" Long		50mm Long			
	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
Metric	2.5" Long		65mm Long			
	22	33291	1	\$22.25	-	-
	24	33293	1	\$23.81	-	-
	27	33295	1	\$28.98	-	-
	32	33297	1	\$40.37	-	-
	36	33200	1	\$46.58	-	-
	Metric	6" Long		150mm Long		
3.0		33656	1	\$6.73	43656	1 3/8" \$12.16
4.0		33660	1	\$6.73	43660	1 3/8" \$12.21
5.0		33664	1	\$7.09	43664	1 3/8" \$12.58
6		33668	1	\$7.61	43668	1 3/8" \$13.14
7		33670	1	\$8.59	43670	1 3/8" \$14.18
8		33672	1	\$9.26	43672	1 3/8" \$15.53
9		33674	1	\$10.30	43674	1 3/8" \$16.87
10		33676	1	\$10.30	43676	1 3/8" \$16.87
12		33680	1	\$13.09	43680	1 1/2" \$21.32
14		33684	1	\$14.13	43684	1 1/2" \$22.56
17	33686	1	\$18.68	43686	1 1/2" \$28.20	
19	33688	1	\$23.18	43688	1 1/2" \$33.90	



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
Inch	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
Metric	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



Singles	SIZE	PART#	QTY	LIST EA	PART#	QTY	DRIVE	LIST EA
Inch	2" Long		50mm Long					
	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
Inch	6" Long		150mm Long					
	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
Metric	2" Long		50mm Long					
	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
Metric	6" Long		150mm Long					
	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

- 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



TORX®



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
TORX®	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
	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	BIT ONLY				SOCKET AND BIT											
			PART#	QTY	LIST	EA	PART#	QTY	DRIVE	LIST	EA							
TORX®	2" Long		50mm Long		6" Long		150mm Long											
	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) & 32000 (T100) are 2.5" long.

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

Made in the U.S.A.



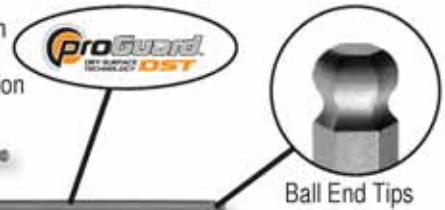
All Bondhus® tools are made with Protanium® High Torque Steel.

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



Singles	SIZE	INCH	MM	PART#	QTY	LIST EA
Standard Length						
Inch	.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



Singles	SIZE	INCH	MM	PART#	QTY	LIST EA
Standard Length						
Metric	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



Singles	SIZE	INCH	MM	PART#	QTY	LIST EA
Long						
Inch	-	-	-	-	-	-
	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



Singles	SIZE	INCH	MM	PART#	QTY	LIST EA
Extra Long						
.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	

Singles	SIZE	INCH	MM	PART#	QTY	LIST EA
Long						
Metric	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

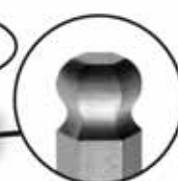
Singles	SIZE	INCH	MM	PART#	QTY	LIST EA
Extra Long						
1.5	12.0	305	3650	1	\$6.93	
2.0	12.0	305	3652	1	\$6.93	
2.5	12.0	305	3654	1	\$6.99	
3.0	12.0	305	3656	1	\$7.11	
4.0	12.0	305	3660	1	\$7.47	
5.0	12.0	305	3664	1	\$7.85	
6	12.0	305	3668	1	\$7.85	
8	12.0	305	3672	1	\$8.91	
10	12.0	305	3676	1	\$10.80	

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



Ball End Tips

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

SINGLE PACKAGING



Singles	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
Metric	3/8	3.0	76	10814	1	\$6.39
	1/2	3.0	76	10816	1	\$7.51
	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	



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

SINGLE PACKAGING



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
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	



Hex End Power Bits

NEW

- 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

SINGLE PACKAGING



Singles	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
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® 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

SINGLE PACKAGING



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.

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

SINGLE PACKAGING



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



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
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



Hextender attaches blades to tools

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

felo

exclusively represented
in the USA by:



Price List 2015-2016

Terms of Delivery and Payment

Number 1 IN CUSTOMER SERVICE!

Here's why:

- **NO MINIMUM ORDERS, NO STOCKING REQUIREMENTS,
NO DROP SHIP FEES**

We don't believe in minimum order quantities or stocking requirements. 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**

We want you to be satisfied with every aspect of doing business with Felo and Bondhus. Too much stock of a particular item? Simply call us at 800-328-8310 for a Returned Goods Authorization (RGA) and send it back freight prepaid for a full credit to your account. Bondhus never charges a restocking fee on items in our standard product line!

- **LIFETIME WARRANTY**

All Felo products are guaranteed for life. If you or your customer are not happy with a Felo tool – for any reason – simply return it. A replacement will be shipped right out at no cost – no questions asked!

- **HIGHLY TRAINED, EXPERIENCED IN-HOUSE CUSTOMER
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

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!





	ergonic Series 400 Pg. 64 - 71	frico Series 550 Pg. 72 - 73	frico Series 500 Pg. 74 - 81	PP Series 206 Pg. 82 - 83	PP Series 200 290 ESD Pg. 84 - 87	Wood Series 330/ Series 490 Pg. 88 - 89	PP Series 800 Pg. 90 - 93	VDE VDE/ Insulated Pg. 94 - 103	Nm Series Nm Pg. 104 - 107
for slotted screws	64-66, 69-71	73	75-81	83	85-87	88	91-93	95, 97-102	105-107
PH Phillips	64-66, 69-71	73	75-81	83	85-87	88	91-93	95, 97-102	105-107
PZ Pozidriv-Superdriv	64, 64, 71		75, 77, 81					95, 97, 99, 102	105-107
+ / - Plus - Minus								97	107
Torx® Torx	67, 69, 71		76-77, 80-81				92-93	98, 102	105-107
Torx TR Torx® Tamper Resistant	67		76, 81						
Torx Plus®									105-107
Inner Hexagon									107
Nut Drivers									
SQ Square for Robertson® screws	67, 69-70							102	
XZN XZN									
Clutch									
Spanner									
TS for TorqSet® screws									
Tri-Wing®									
Bitholder 1/4"	68-69		78					100, 102	105-107



**Series 240/
250 ESD &
280**
Pg. 108-
113

T-Handles
Pg. 115

**R-GO,
& XS**
Pg. 116-
123

Felo smart
Pg. 124-
128

VDE
**E-smart/
Insulated**
Pg. 129-
131

**Impact
Torsion
Challenger
TiN
Industrial**
Pg. 132-
147

BitSets
Pg. 148-
155

**Bitholders
& Adapters**
Pg. 155 -
157

109, 111-113		117, 119, 121-122	125-128	130-131	138-139, 141, 143-144, 146	149-153		
109, 111-113		117, 119, 121-122	125-128	130-131	133, 135-139, 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, 137-138, 140, 142, 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		
						155		
		119				155		
					141	155		
						155		
	113	117, 119, 121-122				149-152, 154-155	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

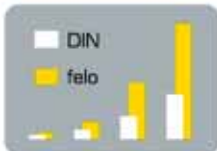
Fits all!
Serie 400 *ERGONIC*® (pat.)
 U.S. Patent No 7,877,843

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%



anti-roll handle design

hanging hole for easy storage or inserting lever

screw symbols on handle cap



GS tested for safety



EAN code on every product



full length, impact proof handle core



black tip for precision fit





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



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

411



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

412



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



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	\$		EAN-Code	Item No
3/32"	3"	3.4	1"	2.5	12			400 022 10	5.40	27	40 07157	53679 2
1/8"	3 1/8"	3.4	1"	0.12"	12			400 032 10	5.71	30	40 07157	53117 9
9/64"	4"	3.4	1"	0.14"	12			400 353 10	6.11	33	40 07157	53119 3
5/32"	4"	3.7	1.2"	0.16"	12			400 043 10	7.97	49	40 07157	53611 2
3/16"	6"	3.9	1.3"	0.20"	12			400 055 10	9.39	75	40 07157	53619 8
7/32"	5"	3.9	1.3"	0.20"	12			400 554 10	9.25	72	40 07157	53621 1
7/32"	6"	3.9	1.3"	0.20"	12			400 555 10	11.65	82	40 07157	53623 5
15/64"	6"	4.2	1.4"	0.24"	12			400 065 10	13.19	99	40 07157	57591 3
15/64"	8"	4.2	1.4"	0.24"	12			400 067 10	15.38	112	40 07157	57593 7
1/4"	4"	4.2	1.4"	0.24"	12			400 653 10	12.74	79	40 07157	53627 3
1/4"	6"	4.2	1.4"	0.24"	12			400 655 10	11.65	102	40 07157	52799 8
1/4"	8"	4.2	1.4"	0.24"	12			400 657 10	15.11	112	40 07157	53629 7
5/16"	7"	4.4	1.5"	0.31"	12			400 086 10	15.80	135	40 07157	52801 8
3/8"	8"	4.4	1.5"	0.31"	6			400 107 10	19.05	162	40 07157	53681 5

401



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

402



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

404



SQ						404	\$		EAN-Code	Item No
1	5"	3.7"	1.2"	0.18"	12	404 100 40	11.62	56	40 07157	53507 8
2	6"	4.2"	1.4"	0.20"	12	404 200 40	12.17	91	40 07157	53509 2
3	6"	4.2"	1.4"	0.24"	12	404 300 40	12.17	105	40 07157	53511 5

407



TorxTR						407	\$		EAN-Code
10	4"	3.4"	1"	0.14"	12	407 103 40	13.19	33	40 07157 60903 8
15	4"	3.7"	1.2"	0.16"	12	407 153 40	13.19	50	40 07157 60905 2
20	4"	3.9"	1.3"	0.16"	12	407 203 40	14.36	68	40 07157 60907 6
25	4"	4.2"	1.4"	0.20"	12	407 253 40	14.36	82	40 07157 60909 0

408



Torx						408	\$		EAN-Code	Item No
7	2 3/8"	3.4"	1"	0.12"	12	408 071 40	8.46	27	40 07157	52807 0
8	2 3/8"	3.4"	1"	0.12"	12	408 083 40	8.46	29	40 07157	52809 4
9	2 3/8"	3.4"	1"	0.14"	12	408 093 40	8.46	29	40 07157	52811 7
10	4"	3.4"	1"	0.14"	12	408 103 40	9.48	45	40 07157	52813 1
15	4"	3.7"	1.2"	0.16"	12	408 153 40	9.48	45	40 07157	52815 5
20	4"	3.9"	1.3"	0.20"	12	408 203 40	10.64	69	40 07157	52817 9
25	4"	4.2"	1.4"	0.20"	12	408 253 40	10.64	69	40 07157	52819 3
27	4"	4.2"	1.4"	0.20"	12	408 273 40	10.64	69	40 07157	52821 6
30	4 1/2"	4.4"	1.5"	0.24"	6	408 303 40	13.21	96	40 07157	52823 0
40	5"	4.4"	1.5"	0.31"	6	408 404 40	13.99	143	40 07157	52825 4

429



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



6



429

429 635 40



\$

27.31



146



EAN-Code Item No

40 07157 60365 4



438



1/4" 4" 3.9" 1.3"



6



438

438 125 40



\$

17.79



102



EAN-Code Item No

40 07157 53711 9

497



4" 3.9" 1.3"



6



497

497 110 40



\$

14.67



107



EAN-Code

40 07157 61479 7

Adapter for sockets 1/4"

Stubby



400 402 \$ EAN-Code

Stubby

7/32" 1" 2.4" 0.8" 12 400 550 10 9.55 36 40 07157 61509 1

PH 2 1" 2.4" 0.8" 12 402 020 10 9.78 38 40 07157 61511 4

Stubby



438 \$ EAN-Code Item No

Stubby Bitholder 1/4"

0.7" 2.4" 0.8" 12 438 026 40 13.63 48 40 07157 61727 9



New!
497



497 \$ EAN-Code Item No

Bottle Opener

3.7 1.2" 12 497 200 00 13.97 59 40 07157 62405 5

400



400 \$ EAN-Code Item No

Ergonic XXL-Rack SQ 17-pcs 400 927 43 136.11 2337 40 07157 61391 2

(5 x) 400: 1/8" x 3 1/8" | 5/32" x 4" | 7/32" x 5" | 1/4" x 5" | 5/16" x 7"

(2 x) 404: SQ1 x 5" | SQ2 x 6"

(2 x) 402: PH1 x 3 1/8" | PH2 x 4"

(2 x) 413: 9/64" x 4" | 5/32" x 4"

(2 x) 414: PH1 x 3 1/8" | PH2 x 4"

(4 x) 408: Torx 10 x 4" | Torx 15 x 4" | Torx 20 x 4" | Torx 25 x 4"

Steel Rack

400



400



\$



EAN-Code Item No

Set 5-pcs

400 951 18

47.57

492

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



\$



EAN-Code Item No

Set 3-pcs

400 931 18

30.87

312

40 07157 53701 0

[2 x] 400: 7/32" x 5" | 1/4" x 5"

402: PH2 x 4"

404



404



\$



EAN-Code Item No

Set 3 pcs. SQ

404 931 48

33.74

90

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

206

40 07157 53171 1

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

Inox



To be used on stainless steel screws and objects only.

New!

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

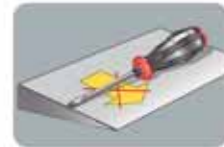
The strongest of series 500 Serie 550

steelcap / full length blade
hexagon bolster / hexagon blade



hexagon bolster

anti-roll handle design



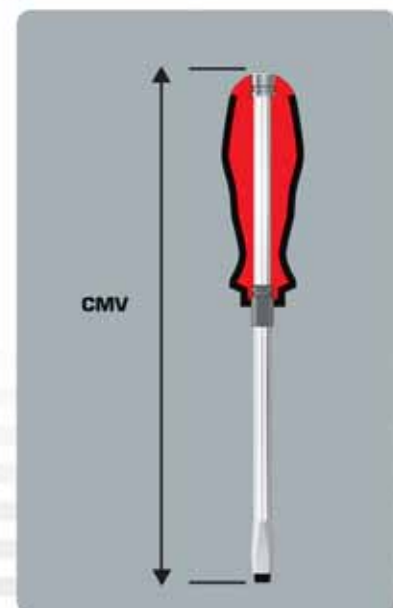
hexagon blades manufactured from chrome-molybdenum-vanadium steel

full length blade

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



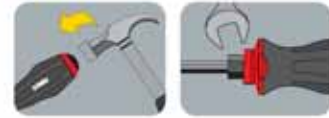
EAN code on every product



black tip for precision fit



550



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

552



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

550



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

550



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



full length, impact proof handle core

smooth, seamless handle for maximum comfort



pleasant soft grip material for highest torque



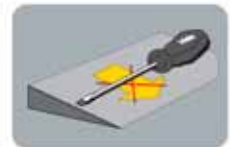
GS tested for safety

The Original Serie 500

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



anti-roll handle design



blades manufactured from chrome-molybdenum-vanadium steel

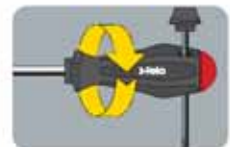
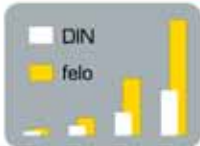


ergonomically refined design

hanging hole for easy storage or inserting lever



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



EAN code on every product



black tip for precision fit



500



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

501



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

502



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

Stubby



						500 502	\$		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



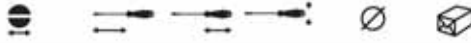
Torx TR						507	\$		EAN-Code	Item No
10	4"	3.2"	1"	0.14"	12	507 103 40	7.92	46	40 07157	32234 0
15	4"	3.5"	1.1"	0.16"	12	507 153 40	7.92	48	40 07157	32236 4
20	4"	3.9"	1.3"	0.16"	12	507 203 40	10.10	69	40 07157	32238 8
25	4"	3.9"	1.3"	0.20"	12	507 253 40	10.10	69	40 07157	32240 1
27	4"	3.9"	1.3"	0.20"	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	\$		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
1/8"	3 1/8"	3.2"	1"	0.12"	6	500 032 30	19.94	38	40 07157 51681 7
1/8"	8"	3.2"	1"	0.12"	6	500 037 30	23.87	49	40 07157 51981 8
9/64"	4"	3.2"	1"	0.14"	6	500 353 30	20.32	42	40 07157 51683 1
9/64"	10"	3.2"	1"	0.14"	6	500 358 30	24.57	60	40 07157 51983 2
5/32"	4"	3.5"	1.1"	0.16"	6	500 043 30	21.04	55	40 07157 51685 5
5/32"	8"	3.5"	1.1"	0.16"	6	500 047 30	22.51	60	40 07157 51757 9



501



						501	\$		EAN-Code
PZ									
1	3 1/8"	3.5"	1.1"	0.18"	6	501 102 30	22.57	61	40 07157 51677 0
2	4"	3.9"	1.3"	0.24"	6	501 203 30	24.71	89	40 07157 51679 4
2	8"	3.9"	1.3"	0.24"	6	501 207 30	25.97	105	40 07157 51759 3



502



						502	\$		EAN-Code
PH									
1	3 1/8"	3.5"	1.1"	0.18"	6	502 102 30	22.26	61	40 07157 51673 2
1	8"	3.5"	1.1"	0.18"	6	502 107 30	27.71	80	40 07157 51985 6
2	4"	3.9"	1.3"	0.24"	6	502 203 30	24.22	89	40 07157 51675 6
2	8"	3.9"	1.3"	0.24"	6	502 207 30	25.61	105	40 07157 51761 6



508



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



520



520

\$



EAN-Code Item No

5/32"	6"	3.5"	1.1"	0.16"	6
7/32"	6"	3.9"	1.3"	0.22"	6

520 045 10	20.79	66	40 07157 50072 4
520 055 10	22.70	92	40 07157 50074 8

522



522

\$



EAN-Code Item No

PH					
1	6"	3.5"	1.1"	0.16"	6
2	6"	3.9"	1.3"	0.22"	6

522 105 10	24.19	67	40 07157 50076 2
522 205 10	26.20	91	40 07157 50078 6

538



538

\$

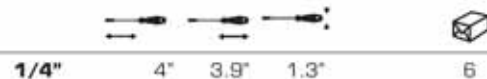


EAN-Code Item No

1/4"	4"	3.9"	1.3"	6
------	----	------	------	---

538 100 40	26.82	123	40 07157 51397 7
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538



538

\$



EAN-Code Item No

1/4"	4"	3.9"	1.3"	6
------	----	------	------	---

538 125 40	14.89	103	40 07157 32348 4
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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 \$ 625 EAN-Code
 500 971 37 152.08 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"



508



Set 7 pcs.	507 508	\$		EAN-Code	Item No
(7 x) 507: Torx TR 10 Torx TR 15 Torx TR 20 Torx TR 25 Torx TR 27 Torx TR 30 Torx TR 40	507 971 48	72.95	600	40 07157	50200 1



Set 7 pcs.	508 973 48	36.44	600	40 07157	50981 9
(7 x) 508: Torx 6 Torx 8 Torx 9 Torx 10 Torx 15 Torx 20 Torx 25					



Set 7 pcs.	508 972 48	44.94	600	40 07157	50979 6
(7 x) 508: Torx 9 Torx 10 Torx 15 Torx 20 Torx 25 Torx 30 Torx 40					

500



Case 11-pcs	500	\$		EAN-Code	Item No
(4 x) 500: 5/32" x 4" 7/32" x 1" 7/32" x 5" 1/4" x 6"	500 111 16	91.96	964	40 07157	32558 7
501: PZ 2 x 4"					
(3 x) 502: PH 1 x 3 1/8" PH 2 x 1" PH 2 x 4"					
(2 x) 613: 3/32" x 3" 9/64" x 4"					
361: Mains testing screwdriver VDE 0680. 220-225V					

AC 1000V
IEC 60900 : 2004

handles manufactured from shock-proof polypropylene



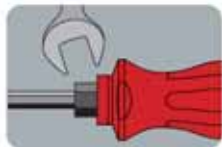
ergonomically refined design

steelcap



The strongest of series 200 Serie 206

steelcap / full length blade
hexagon bolster / hexagon blade



hexagon bolster

anti-roll handle design



hexagon blades manufactured from chrome-molybdenum-vanadium steel

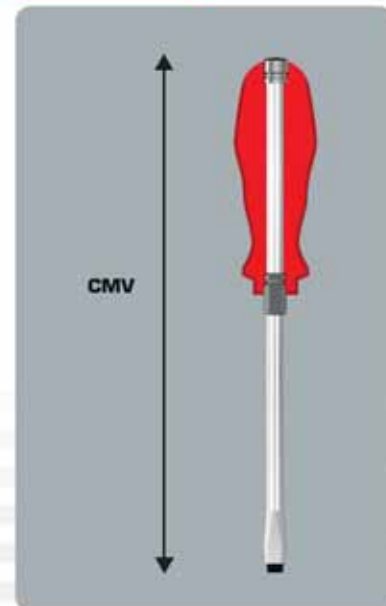


GS tested for safety



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

full length blade



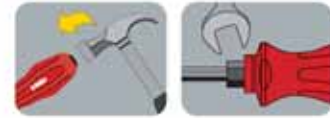
EAN code on every product



black tip for precision fit

made in Germany

206



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

226



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

206



	206 226	\$		EAN-Code	Item No
Set 5 pcs.	206 951 98	49.61	755	40 07157	31720
(3 x) 206:	7/32" x 4" 1/4" x 5" 5/16" x 6"				
(2 x) 226:	PH 2 x 4" PH 3 x 6"				



handles manufactured from shock-proof polypropylene



ergonomically refined design



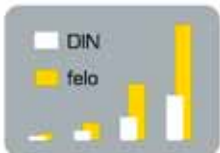
GS tested for safety



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%

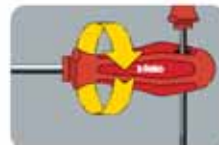


anti-roll handle design

hanging hole for easy storage or inserting lever



EAN code on every product



black tip for precision fit



made in Germany

200



				200	\$		EAN-Code	Item No			
3/32"	3"	3.2"	1"	0.10"	12		200 022 90	3.15	22	40 07157 13001	3
1/8"	3 1/8"	3.2"	1"	0.12"	12		200 032 90	3.50	26	40 07157 13003	7
9/64"	4"	3.2"	1"	0.14"	12		200 353 90	4.17	29	40 07157 13035	8
5/32"	4"	3.5"	1.1"	0.16"	12		200 043 90	4.51	42	40 07157 13010	5
3/16"	5"	3.5"	1.1"	0.20"	12		200 054 90	5.20	54	40 07157 13016	7
7/32"	5"	3.9"	1.3"	0.20"	12		200 554 90	6.21	68	40 07157 13041	9
1/4"	5"	3.9"	1.3"	0.24"	12		200 654 90	6.39	80	40 07157 16050	8
5/16"	7"	4.1"	1.2"	0.28"	12		200 086 90	8.94	123	40 07157 13028	0
3/8"	8"	4.1"	1.2"	0.31"	6		200 107 90	12.85	159	40 07157 13032	7

202



PH				202	\$		EAN-Code	Item No			
0	2 3/8"	3.2"	1"	0.12"	12		202 001 90	3.92	24	40 07157 13099	0
1	3 1/8"	3.5"	1.1"	0.18"	12		202 102 90	5.02	47	40 07157 13106	5
2	4"	3.9"	1.3"	0.24"	12		202 203 90	7.07	74	40 07157 13111	9
3	6"	4.1"	1.2"	0.31"	6		202 305 90	9.87	135	40 07157 13117	1

Stubby



				200 202	\$		EAN-Code	Item No			
7/32"	1"	2.3"	1.3"	0.20"	12		200 550 90	4.43	30	40 07157 13037	2
1/4"	1"	2.3"	1.3"	0.24"	12		200 650 90	4.69	33	40 07157 13045	7
PH 2	1"	2.3"	1.3"	0.24"	12		202 020 90	4.85	33	40 07157 13103	4

200



200 202	\$		EAN-Code Item No
200 951 98	30.04	347	40 07157 16052 2

Set 5 pcs.

(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
200 972 98	47.19	579	40 07157 16054 6

Set 7 pcs.

(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
10⁸ - 10¹⁰ Ω



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

292



ESD Safe
10⁸ - 10¹⁰ Ω



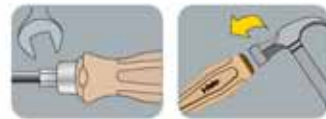
PH								292	\$		EAN-Code	Item No
0	2 3/8"	3.2"	1"	0.12"	6			292 001 90	5.84	24	40 07157	50290 2
1	3 1/8"	3.5"	1.1"	0.18"	6			292 102 90	7.99	47	40 07157	50292 6
2	4"	3.9"	1.3"	0.24"	6			292 203 90	11.29	74	40 07157	50294 0
2	8"	3.9"	1.3"	0.24"	6			292 207 90	13.47	108	40 07157	51903 0



Commitment to fine,
traditional hand tools

Series 330

made in
Germany



335



Set 5 pcs.

335 | 337

\$

420

EAN-Code Item No

335 951 98

35.54

40 07157 22155 1

[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"



Series 490



490			490	\$		EAN-Code Item No
493			493	\$		EAN-Code Item No
498			498	\$		EAN-Code Item No
494			494	\$		EAN-Code Item No



handles manufactured from shock-proof polypropylene



ergonomically refined design

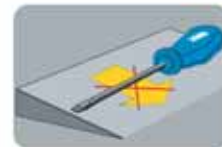


GS tested for safety

Excellent value for money Serie 800

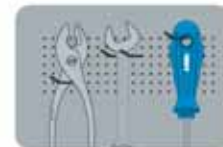


anti-roll handle design



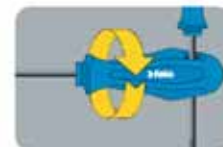
blades manufactured from chrome-vanadium steel

hanging hole for easy storage or inserting lever



hardened and tempered to exceed DIN and ISO specifications

EAN code on every product



Torx blades are phosphated for precision fit





800



Blade: CV-Ni
Handle: PPC



									800	\$		EAN-Code	Item No
1/8"	3 1/8"	3.2"	1"	0.12"	12		800 032 90	2.39	25	40 07157	17000	2	
9/64"	4"	3.2"	1"	0.14"	12		800 353 90	2.77	29	40 07157	17011	8	
5/32"	4"	3.5"	1.1"	0.16"	12		800 043 90	3.03	42	40 07157	17002	6	
3/16"	6"	3.9"	1.3"	0.20"	12		800 505 90	4.42	71	40 07157	28010	7	
7/32"	3 1/2"	3.9"	1.3"	0.20"	12		800 553 90	4.09	64	40 07157	28012	1	
7/32"	5"	3.9"	1.3"	0.20"	12		800 554 90	4.36	68	40 07157	17013	2	
1/4"	4"	3.9"	1.3"	0.24"	12		800 653 90	4.69	74	40 07157	28013	8	
1/4"	6"	3.9"	1.3"	0.24"	12		800 655 90	4.95	85	40 07157	17015	6	
5/16"	6"	4.1"	1.5"	0.28"	12		800 705 90	5.88	114	40 07157	17017	0	
5/16" x 0.06"	7"	4.1"	1.5"	0.31"	12		800 096 90	7.20	143	40 07157	17004	0	



805



Blade: CV-Ni
Handle: PPC



									805	\$		EAN-Code	Item No
5/16"	6"	4.1"	1.2"	0.31"	12		805 805 90	6.15	141	40 07157	28017	6	
3/8"	7"	4.1"	1.2"	0.31"	12		805 100 90	11.58	192	40 07157	30768	2	
1/2"	8"	4.1"	1.2"	0.39"	6		805 120 90	12.74	227	40 07157	50274	2	

802



Blade: CV-Ni
Handle: PPC



PH	Diagram		Ø	Box	802	\$	Unit	EAN-Code	Item No
0	2 3/8"	3.2"	1"	0.12"	12				
1	3 1/8"	3.5"	1.1"	0.18"	12	802 001 90	2.67	24	40 07157 17055 2
2	4"	3.9"	1.3"	0.24"	12	802 102 90	3.72	47	40 07157 17026 2
2	4"	3.9"	1.3"	0.24"	12	802 203 90	4.69	74	40 07157 17028 6
3	6"	4.1"	1.5"	0.31"	6	802 305 90	6.83	135	40 07157 17056 9

Stubby



Blade: CV-Ni
Handle: PPC



Bit	Diagram		Ø	Box	800	\$	Unit	EAN-Code	Item No
7/32"	1"	2.2"	1.4"	0.20"	12	800 550 90	3.03	30	40 07157 28011 4
PH 2	1"	2.2"	1.4"	0.24"	12	802 020 90	3.29	33	40 07157 17057 6

808



Blade: CMV-BC
Handle: PPC



Torx	Diagram		Ø	Box	808	\$	Unit	EAN-Code	Item No
6	2 3/8"	3.2"	1"	0.12"	12	808 061 90	5.82	24	40 07157 17046 0
7	2 3/8"	3.2"	1"	0.12"	12	808 071 90	5.82	24	40 07157 17047 7
8	2 3/8"	3.2"	1"	0.12"	12	808 083 90	5.82	25	40 07157 17048 4
10	4"	3.5"	1.1"	0.14"	12	808 103 90	5.88	40	40 07157 17049 1
15	4"	3.5"	1.1"	0.16"	12	808 153 90	5.88	42	40 07157 17050 7
20	4"	3.9"	1.3"	0.20"	12	808 203 90	6.30	65	40 07157 17051 4
25	4"	3.9"	1.3"	0.20"	12	808 253 90	6.30	65	40 07157 17052 1
27	4"	3.9"	1.3"	0.20"	12	808 273 90	6.30	65	40 07157 17053 8
30	4 1/2"	4.1"	1.5"	0.24"	6	808 303 90	6.67	88	40 07157 17054 5



800



800 | 802

\$



EAN-Code **Item No**

Set 5 pcs. 25 800 951 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



800 | 802


\$



EAN-Code **Item No**

Set 7 pcs. 15 800 972 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** 492 40 07157 **28003 9**

[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

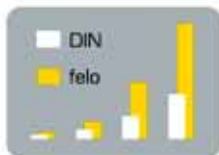
AC 1000V
IEC 60900 : 2012



blades manufactured from chrome-molybdenum-vanadium steel

hanging hole for easy storage or inserting lever

anti-roll handle design



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

GS tested for safety



screw symbols on handle cap



EAN code on every product



full length, impact proof handle core



black tip for precision fit

made in Germany

413



AC 1000V
IEC 60900 : 2012



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

414



AC 1000V
IEC 60900 : 2012



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

413



AC 1000V
IEC 60900 : 2012



	413	\$		EAN-Code	Item No
Set 3 pcs. VDE	413 931 94	29.41	240	40 07157	53175 9
(2 x) 413:	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
Set 6 pcs. VDE	413 961 98	57.35	460	40 07157	53169 8
(4 x) 413:	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"				

hanging hole for easy storage or inserting lever

**Handle
30%
slimmer!**

screw symbols on handle cap



hand and handle interlock, causing less strain

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



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

Each item individually tested with 10.000 Volts.

AC 1000V
IEC 60900 : 2012



anti-roll handle design

**made in
Germany**

blades manufactured from chrome-molybdenum-vanadium steel



**Insulation
up to 50%
slimmer!**



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	12.87	45	40 07157	62631 8
9/64" x 0.027"	4"	4.17"	0.14"	0.98"	12		413 935 90	13.29	45	40 07157	62635 6
9/64" x 0.031"	4"	4.17"	0.14"	0.98"	12		413 938 90	10.82	45	40 07157	62637 0
5/32"	4"	4.17"	0.16"	0.98"	12		413 940 90	13.68	46	40 07157	62639 4
3/16"	5"	4.53"	0.18"	1.06"	12		413 945 90	16.50	62	40 07157	62641 7
7/32"	5"	4.53"	0.22"	1.06"	12		413 955 90	15.77	73	40 07157	62643 1
1/4"	5"	4.53"	0.26"	1.06"	12		413 965 90	17.35	86	40 07157	62645 5

414



AC 1000V
IEC 60900 : 2012



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

415



AC 1000V
IEC 60900 : 2012



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

416



AC 1000V
IEC 60900 : 2012



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

For terminal block screws

417



AC 1000V
IEC 60900 : 2012



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

For terminal block screws

418



AC 1000V
IEC 60900 : 2012



Torx						418	\$		EAN-Code	Item No
10	4"	4.17"	0.14"	0.98"	12	418 109 90	18.91	46	40 07157	62663 9
15	4"	4.17"	0.14"	0.98"	12	418 159 90	19.49	46	40 07157	62665 3
20	5"	4.53"	0.18"	1.06"	12	418 209 90	20.66	62	40 07157	62667 7
25	5"	4.53"	0.18"	1.06"	12	418 259 90	19.79	63	40 07157	62669 1

413



AC 1000V
IEC 60900 : 2012



E-slim set 4 pcs. VDE		413 414	\$		EAN-Code	Item No
[2 x]	413: 9/64" x 4" 7/32" x 5"	413 841 98	59.36	321	40 07157	62741 4
[2 x]	414: PH1 x 3 1/8" PH2 x 4"					

413



AC 1000V
IEC 60900 : 2012



E-slim set 5 pcs. VDE		413 414	\$		EAN-Code	Item No
[2 x]	413: 9/64" x 4" 7/32" x 5"	413 852 98	67.61	359	40 07157	62853 4
[2 x]	414: PH1 x 3 1/8" PH2 x 4"					
	361: Mains testing screwdriver VDE 0680/6, 220-250 Volt					

413



AC 1000V
IEC 60900 : 2012



413

\$



EAN-Code Item No

413 851 98

72.58

371

40 07157 62743 8

E-slim set 5 pcs. VDE

[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



AC 1000V
IEC 60900 : 2012



413 | 414

\$



EAN-Code Item No

413 807 36

81.02

650

40 07157 62745 2

E-slim set 7 pcs. VDE

[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



AC 1000V
IEC 60900 : 2012



413 | 414

\$



EAN-Code Item No

413 881 90

328.48

2471

40 07157 62749 0

E-slim Kombi Display 22 pcs. VDE (Sets not included)

[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"

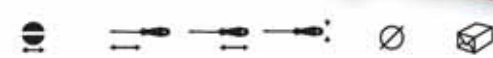
[3 x] 415: PZ2 x 4"

The Original VDE Serie 500

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



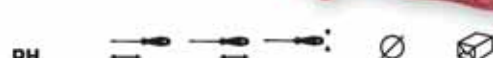
513



AC 1000V
IEC 60900 : 2012

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

514



AC 1000V
IEC 60900 : 2012

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

518



Bitholder						518	\$		EAN-Code	Item No
1/4"	4"	3.9"	1.3"		6	518 125 40	14.53	103	40 07157	50785 3

513

AC 1000V
IEC 60900 : 2012

513 | 514

\$

EAN-Code Item No

VDE Set 6 pcs.

513 961 97

48.34

463

40 07157 **50176 9**[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"**513**

AC 1000V
IEC 60900 : 2012

513

\$

EAN-Code

Set 6-pcs.

513 961 98

46.02

487

40 07157 **50120 2**[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.

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

made in Germany

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"

Wire Stripping Tools

Superior quality
for professionals

**made in
Germany**



583

Automatic Wire Stripper

12



0,2 - 6,0 mm²
24 - 10 AWG

583

\$



EAN-Code Item No

583 999 11

32.35

119

40 07157 62681 3



8 - 28 mm Ø
5/16" - 1.1/8" Ø



TiN

584

Cable Stripper



12

584

\$



EAN-Code Item No

584 018 11

20.75

96

40 07157 62683 7

easy adjustment
of torque

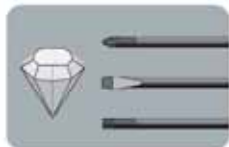
coloured ring indicating torque range



Torque screwdrivers with precise adjustment Serie Nm (pat.)

ergonomically refined design

blades manufactured from
chrome-molybdenum-
vanadium steel



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



Precise release – indicated
by acoustic and mechanic
signals



black tip
for precision fit

exchangeable blades for greatest
flexibility in all areas of use



100



100 \$ 1190 EAN-Code Item No

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



100 \$ 1201 EAN-Code Item No

Nm-Box 1,5 Nm - 3,0 Nm (13.3 - 26.6 lb-in)	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"				



100



		100	\$		EAN-Code	Item No
Nm-Box 3.0 Nm - 5.4 Nm [26.6-47.8 lb-in]		100 993 16	171.31	1296	40 07157	52043 2
(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



Handle	Nm max				100	\$		EAN-Code	Item No
5.3 - 13.3 lb-in		4.13"	1.26"	1	100 001 06	61.42	142	40 07157	52149 1
13.3 - 26.6 lb-in		4.13"	1.26"	1	100 002 06	61.42	144	40 07157	52151 4
26.6 - 47.8 lb-in		4.13"	1.26"	1	100 003 06	61.42	148	40 07157	52153 8

100



Torque-Seal	5/16"	0.24"		100	\$		EAN-Code	Item No
			1	100 006 00	4.62	2	40 07157	53413 2

100



Adjustment-Key 6mm	3 3/8"	1/4"		100	\$		EAN-Code	Item No
			1	100 060 00	4.19	27	40 07157	52155 2

108



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

108



AC 1000V
IEC 60900 : 2012



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



felo Precision Screw-
drivers are also avail-
able with ceramic
blades or manufactu-
red to ESD standards.

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



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



made in
Germany



black tip for precision fit

240



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



242



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



246



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

248



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

249



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



240



Box 6 pcs.

240 | 248

\$



EAN-Code **Item No**

[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"

240 961 56

33.30

200

40 07157 **31844 2**



[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**
 280 907 06 **59.00** 161 40 07157 **50723 5**



T 4 - Box I. 7 pcs. 280 907 06 **59.00** 161 40 07157 **50723 5**
 (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"

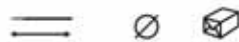



T 4 - Box II. 7 pcs. 280 907 16 **57.03** 161 40 07157 **50725 9**
 (6 x) Blade
 Hex 1.3 - 4.0 mm | 1.5 - 2.0 mm | 2.5 - 3.0 mm
 Torx 6 - Torx 15 | Torx 7 - Torx 10 | Torx 8 - Torx 9
 Handle 4" x 3/4"



T 4 - Box III. 7 pcs. 280 907 26 **55.67** 161 40 07157 **50727 3**
 (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**



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

112

280

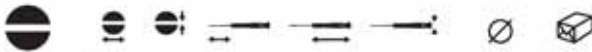


T4 handle
for reversible blades

4" 3/4" 1

280 \$ 7.00 18 EAN-Code Item No
280 100 00 40 07157 51259 8

250



1/16" 2 3/8" 4" 0.8" 0.10" 12
5/64" 2 3/8" 4" 0.8" 0.10" 12
3/32" 2 3/8" 4" 0.8" 0.10" 12
1/8" 2 3/8" 4" 0.8" 0.12" 12
1/8" 4" 4" 0.8" 0.12" 12

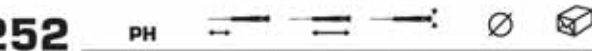
250 \$ 6.10 19 EAN-Code Item No

250 151 80 40 07157 31806 0
250 201 80 40 07157 31808 4
250 252 80 40 07157 31810 7
250 033 80 40 07157 31812 1
250 035 80 40 07157 31814 5

ESD Safe
10⁸ - 10¹⁰ Ω



252



PH 00 2 3/8" 4" 0.8" 0.08" 12
0 2 3/8" 4" 0.8" 0.12" 12
1 3 1/8" 4" 0.8" 0.18" 12

252 \$ 6.56 20 EAN-Code Item No

252 009 80 40 07157 31816 9
252 001 80 40 07157 31818 3
252 102 80 40 07157 31820 6

ESD Safe
10⁸ - 10¹⁰ Ω



250



ESD Box 6 pcs.
(4 x) 250: 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) 252: PH 00 x 2 3/8" | PH 0 x 2 3/8"

250 \$ 32.84 200 EAN-Code Item No

250 961 86 40 07157 31848 0

ESD Safe
10⁸ - 10¹⁰ Ω



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

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

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

EAN code on every product



GS tested for safety



matt chrome-plated blades
with black tips for precision fit



made in
Germany

308



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

338



1/4"				338	\$		EAN-Code	Item No
1/4"	5"	4"	6	338 125 80	11.78	111	40 07157	32350 7

303



Set 6 pcs.	308	\$		EAN-Code	Item No
[6 x] 308: Torx 10 Torx 15 Torx 20 Torx 25 Torx 27 Torx 30	308 962 84	41.29	600	40 07157	50849 2
Set 6 pcs.	308 961 84	48.59	700	40 07157	50783 9
[6 x] 308: 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

R-GO

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



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"

(13 x)

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"

(15 x)

Bits (C6,3 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"

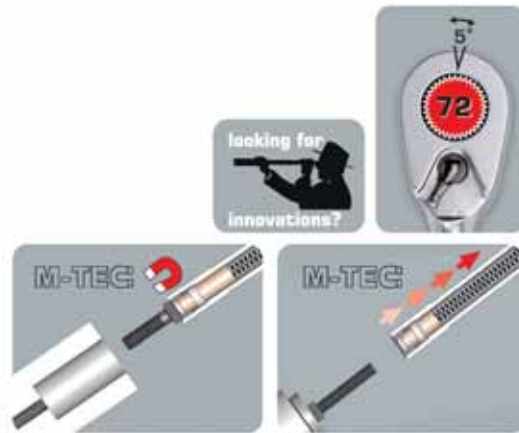
Bitholder E6,3 x 2 1/4"

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



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



057



	057	\$	955g	EAN-Code
R-GO 19 Inch	Box 19-pcs	057 819 56	120.88	40 07157 62055 2
	ERGONIC Ratchet 1/4"			
	ERGONIC Screwdriver with 1/4" adapter for sockets			
[13 x]	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"			
	Extension (4") 1/4" - 1/4"			
	Extension (2") 1/4" - 1/4"			
	U-Joint 1/4"			
	Adapter E 6,3 - 1/4" [2"]			
	StrongBox L: 9 1/2" W: 5 7/64" H: 2 9/32"			



057

057

\$



EAN-Code

057 836 06

107.92

900g

40 07157 61557 2

R-GO 36 Box 36-pcs

ERGONIC Ratchet 1/4"

ERGONIC 438 Screwdriver with Bitholder

(30 x)

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

SG1 | SG2

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" SG - 1/4" Hex

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



497



497

\$



EAN-Code

497 635 41

46.25

128

40 07157 61481 0

ERGONIC Ratchet 1/4" in Blister





Super strong ratcheting mechanism with fine toothing:
575 lb/in (85 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

XS

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



		Item No	\$		EAN-Code
XS 11 Inch	11-pcs	057 711 56	89.51	410	40 07157 62057 6
	Mini Ratchet 1/4"				
(7 x)	Sockets				
	3/16" 7/32" 1/4" 9/32" 5/16" 3/8" 1/2"				
	Extension (4") 1/4" - 1/4"				
	Adapter E 6,3 - 1/4" (2")				
	Adapter C 6,3 - 1/4" (1")				
	StrongBox L: 5,31" W: 2,95" H: 1,46"				

057



		Item No	\$		EAN-Code
XS 18 Inch	18-pcs	057 718 56	92.14	420	40 07157 62059 0
	Mini Ratchet 1/4"				
(7 x)	Sockets				
	3/16" 7/32" 1/4" 9/32" 5/16" 3/8" 1/2"				
(7 x)	Bits (C6,3 x 25mm)				
	3/16" 7/32" 1/4"				
	PH1 PH2 PH3				
	SG2				
	Extension (2") 1/4" - 1/4"				
	Adapter C 6,3 - 1/4" (1")				
	Bitholder E6,3 x 2 1/4"				
	StrongBox L: 5,31" W: 2,95" H: 1,46"				



057



	057	\$		EAN-Code	Item No
XS 33 Inch	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 (06,3 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"					

057



Mini Ratchet 1/4"
with Adapter C 6,3 - 1/4" in Blister



1

057

057 635 01

\$

30.78



118

EAN-Code

40 07157 61569 5



438



ERGONIC Stubby Handle 1/4"



61



25



1

438

438 025 40

\$

13.63



32

EAN-Code

40 07157 61585 5



389



Belt-Pouch for XS StrongBox in blister



1

389

389 800 01

\$

17.09



100

EAN-Code

40 07157 61733 0

2 component handle with pleasant soft grip material for highest torque

screwdriver and T-handle in one



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



060

\$



EAN-Code Item No

Felo-SMART Box - metric

060 913 06

109.39

1088

40 07157 32094 0

(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"

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



060 \$ 530 EAN-Code Item No

Felo-SMART belt pouch

060 909 14

90.67

530

40 07157 **50624 5**

(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

069



069 \$ 108 EAN-Code Item No

Handle 4 1/8" x 1 1/2"

069 205 00

16.14

108

40 07157 **60427 9**

389



389 \$ 50 EAN-Code Item No

Nylon Pouch

389 900 00

12.09

50

40 07157 **50456 2**

068

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

343

PH

**343****\$**

EAN-Code



1/4" + PH2

6"

0.24"

12

343 260 04

4.31

44

40 07157

57557 9

Offset Screwdriver in pouch



062



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

097



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

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



AC 1000V
IEC 60900 : 2012



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



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



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



made in Germany



AC 1000V
IEC 60900 : 2012



063



	063	\$		EAN-Code	Item No
Felo E-SMART Box	063 913 06	85.04	830	40 07157	51719 7
[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"					
dto. in blister	063 913 01	86.33	965	40 07157	53077 6

Felo E-SMART Box SQ2	063 913 26	85.04	830	40 07157	53439 2
[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"					
dto. in blister	063 913 21	86.33	965	40 07157	53447 7

063



	063	\$		EAN-Code	Item No
Handle 3.74" x 1.26"	063 105 00	17.94	42	40 07157	51749 4

063



AC 1000V
IEC 60900 : 2012



			063	\$		EAN-Code	Item No
3/32"	3"	1	063 025 04	8.04	44	40 07157	51721 0
1/8"	4"	1	063 030 04	8.04	44	40 07157	51723 4
9/64"	4"	1	063 035 04	8.04	44	40 07157	51725 8
5/32"	4"	1	063 040 04	8.04	44	40 07157	51727 2
7/32"	4"	1	063 055 04	8.04	44	40 07157	51729 6
1/4"	4"	1	063 065 04	8.04	44	40 07157	51731 9



PH 1	3 1/8"	1	063 102 04	8.04	44	40 07157	51733 3
PH 2	4"	1	063 203 04	8.04	44	40 07157	51735 7



PZ 1	3 1/8"	1	063 102 14	8.04	44	40 07157	51737 1
PZ 2	4"	1	063 203 14	8.04	44	40 07157	51739 5



Torx 8	4"	1	063 083 04	8.04	44	40 07157	51741 8
Torx 10	4"	1	063 103 04	8.04	44	40 07157	51743 2
Torx 15	4"	1	063 153 04	8.04	44	40 07157	51745 6
Torx 20	4"	1	063 203 24	8.04	44	40 07157	51747 0



SQ 0	4"	1	063 000 04	10.39	44	40 07157	53089 9
SQ 1	4"	1	063 100 04	10.39	44	40 07157	53091 2
SQ 2	4"	1	063 200 04	10.39	44	40 07157	53093 6
SQ 3	4"	1	063 300 04	10.39	44	40 07157	53095 0

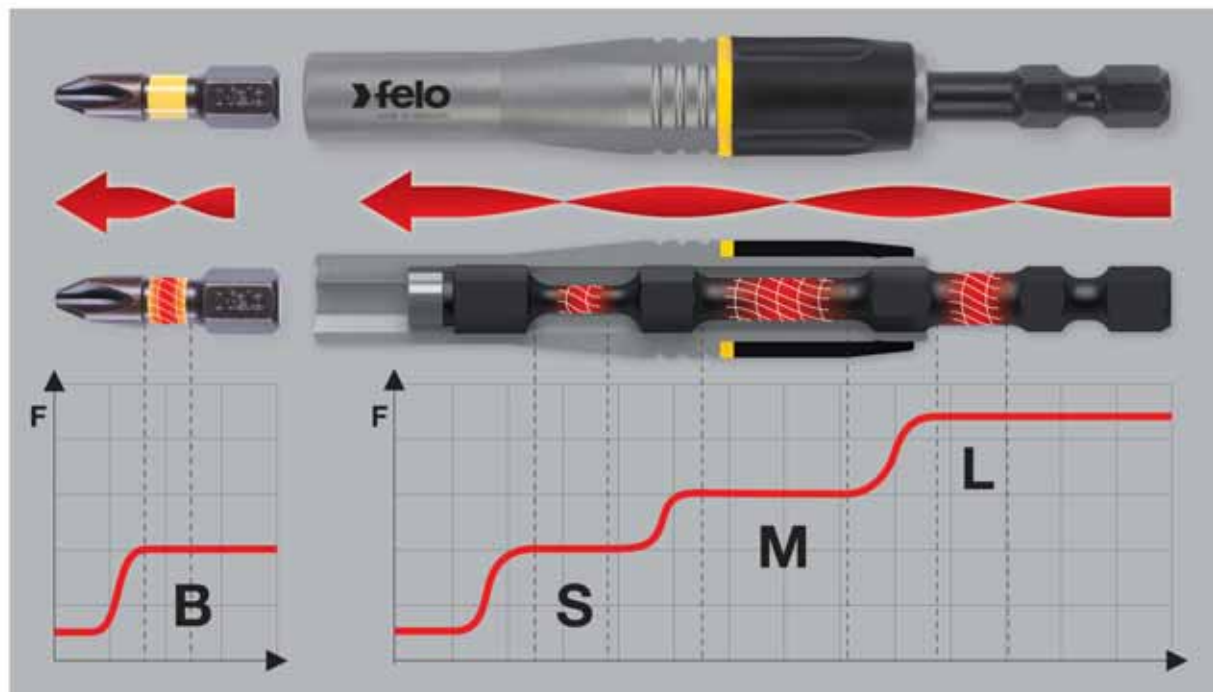




made in
Germany

4 Impact

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



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



				038	\$		EAN-Code	Item No
Bitholder IMPACT 1/4" on Card								
	3 3/4"	E 6,3		038 295 94	26.86	43	40 07157	63077 3

New!
022
C 6,3

IMPACT



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

New!
026
C 6,3

IMPACT
Torx



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

New!
032
E 6,3

IMPACT
PH



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

New!
036
E 6,3

IMPACT
Torx

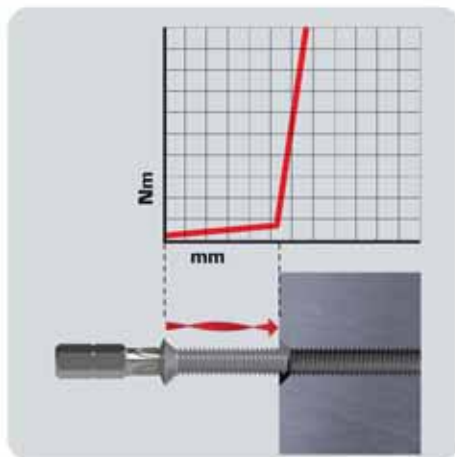


				036	\$		EAN-Code	Item No
10	2"	E 6,3	1/4"	5	036 105 40	7.25	8	40 07157 62969 2
15	2"	E 6,3	1/4"	5	036 155 40	6.05	8	40 07157 62971 5
20	2"	E 6,3	1/4"	5	036 205 40	7.25	8	40 07157 62973 9
25	2"	E 6,3	1/4"	5	036 255 40	7.25	8	40 07157 62975 3
30	2"	E 6,3	1/4"	5	036 305 40	7.61	9	40 07157 62977 7
40	2"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



- selected high performance steels • optimized geometry • customized production

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



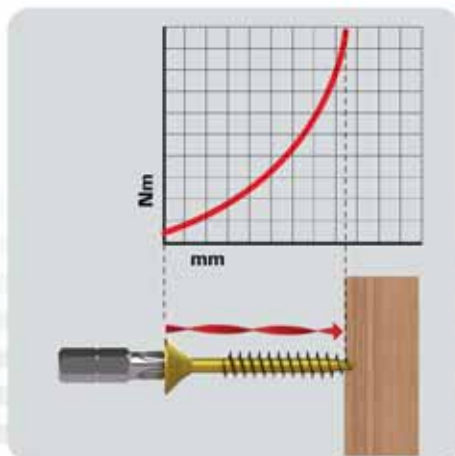
Hard screw joint

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	Length	Head	Material	Size	022	\$	Unit	EAN-Code	Item No
1	1"	C 6,3	1/4"	5	022 010 00	1.29	4	40 07157	62867 1
2	1"	C 6,3	1/4"	5	022 020 00	1.29	4	40 07157	62869 5
3	1"	C 6,3	1/4"	5	022 030 00	1.40	5	40 07157	62871 8

New!**026
C 6,3**

TORSION Torx	Length	Head	Material	Size	026	\$	Unit	EAN-Code	Item No
10	1"	C 6,3	1/4"	5	026 100 00	2.38	4	40 07157	62879 4
15	1"	C 6,3	1/4"	5	026 150 00	2.38	4	40 07157	62881 7
20	1"	C 6,3	1/4"	5	026 200 00	2.38	4	40 07157	62883 1
25	1"	C 6,3	1/4"	5	026 250 00	2.38	4	40 07157	62885 5
30	1"	C 6,3	1/4"	5	026 300 00	2.48	5	40 07157	62887 9
40	1"	C 6,3	1/4"	5	026 400 00	2.48	5	40 07157	62889 3

New!**021
E 6,3**

TORSION PZ	Length	Head	Material	Size	031	\$	Unit	EAN-Code	Item No
1	2"	E 6,3	1/4"	5	031 015 00	4.04	8	40 07157	62903 6
2	2"	E 6,3	1/4"	5	031 025 00	4.04	8	40 07157	62905 0
3	2"	E 6,3	1/4"	5	031 035 00	4.30	9	40 07157	62907 4

New!**022
E 6,3**

TORSION PH	Length	Head	Material	Size	032	\$	Unit	EAN-Code	Item No
1	2"	E 6,3	1/4"	5	032 015 00	4.04	8	40 07157	62891 6
2	2"	E 6,3	1/4"	5	032 025 00	4.04	8	40 07157	62893 0
3	2"	E 6,3	1/4"	5	032 035 00	4.30	9	40 07157	62895 4

Bits Challenger



Diamond coated



020 C 6,3



					020	\$		EAN-Code	Item No
3/16"	1"	C 6,3	1/4"	10	020 400 80	5.59	5	40 07157	50647 4
7/32"	1"	C 6,3	1/4"	10	020 520 80	5.59	5	40 07157	50649 8
1/4"	1"	C 6,3	1/4"	10	020 610 80	5.59	5	40 07157	50651 1
5/16"	1"	C 6,3	1/4"	10	020 800 80	5.59	6	40 07157	50653 5

022 C 6,3



	PH				022	\$		EAN-Code	Item No
1	1"	C 6,3	1/4"	10	022 010 80	4.69	5	40 07157	50655 9
2	1"	C 6,3	1/4"	10	022 020 80	4.69	5	40 07157	50657 3
3	1"	C 6,3	1/4"	10	022 030 80	4.69	6	40 07157	50659 7

032 E 6,3



	PH				032	\$		EAN-Code	Item No
1	2"	E 6,3	1/4"	10	032 015 80	7.03	8	40 07157	50679 5
2	2"	E 6,3	1/4"	10	032 025 80	7.03	11	40 07157	50681 8
3	2"	E 6,3	1/4"	10	032 035 80	7.03	13	40 07157	50683 2

Bits TiN Plus

made in Germany

TiN (>90 HRC)

SX 75 (>60 HRC)



020 C 6,3 TiN



Ø	ℓ	ℓ	Ø	ℓ	020	\$	📦	EAN-Code	Item No
3/16"	1"	C 6,3	1/4"	10	020 500 70	1.60	5	40 07157	30907 5
7/32"	1"	C 6,3	1/4"	10	020 520 70	1.45	5	40 07157	30911 2
1/4"	1"	C 6,3	1/4"	10	020 610 70	1.39	6	40 07157	30916 7
5/16"	1"	C 6,3	1/4"	10	020 800 70	1.93	7	40 07157	30921 1

022 C 6,3 TiN



PH	ℓ	Ø	ℓ	022	\$	📦	EAN-Code	Item No
1	1"	C 6,3	1/4"	022 010 70	1.24	5	40 07157	10316 1
2	1"	C 6,3	1/4"	022 020 70	1.24	5	40 07157	10317 8
3	1"	C 6,3	1/4"	022 030 70	1.24	5	40 07157	10318 5

026 C 6,3 TiN



Torx	ℓ	Ø	ℓ	026	\$	📦	EAN-Code	Item No
6	1"	C 6,3	1/4"	026 060 70	3.01	5	40 07157	50212 4
7	1"	C 6,3	1/4"	026 070 70	3.01	5	40 07157	50214 8
8	1"	C 6,3	1/4"	026 080 70	2.96	5	40 07157	50216 2
9	1"	C 6,3	1/4"	026 090 70	2.96	5	40 07157	50218 6
10	1"	C 6,3	1/4"	026 100 70	2.48	6	40 07157	50220 9
15	1"	C 6,3	1/4"	026 150 70	2.36	6	40 07157	50222 3
20	1"	C 6,3	1/4"	026 200 70	2.25	6	40 07157	50224 7
25	1"	C 6,3	1/4"	026 250 70	2.25	7	40 07157	50226 1
27	1"	C 6,3	1/4"	026 270 70	2.25	7	40 07157	50228 5
30	1"	C 6,3	1/4"	026 300 70	2.25	7	40 07157	50230 8
40	1"	C 6,3	1/4"	026 400 70	2.25	8	40 07157	50232 2
45	1"	C 6,3	1/4"	026 450 70	3.84	9	40 07157	50234 6

030 E 6,3 TiN



					030	\$		EAN-Code	Item No
3/16"	2"	E 6,3	1/4"	10	030 505 70	3.43	9	40 07157	30780 4
7/32"	2"	E 6,3	1/4"	10	030 525 70	3.43	10	40 07157	30785 9
1/4"	2"	E 6,3	1/4"	10	030 615 70	3.43	12	40 07157	30792 7
5/16"	2"	E 6,3	1/4"	10	030 805 70	3.73	14	40 07157	30798 9

032 E 6,3 TiN



PH



					032	\$		EAN-Code	Item No
1	2"	E 6,3	1/4"	10	032 015 70	3.31	8	40 07157	30818 4
2	2"	E 6,3	1/4"	10	032 025 70	3.31	11	40 07157	30824 5
3	2"	E 6,3	1/4"	10	032 035 70	3.90	13	40 07157	30831 3

036 E 6,3 TiN



Torx



					036	\$		EAN-Code	Item No
10	2"	E 6,3	1/4"	10	036 105 70	4.72	8	4007157	32372 9
15	2"	E 6,3	1/4"	10	036 155 70	4.62	9	4007157	32374 3
20	2"	E 6,3	1/4"	10	036 205 70	4.54	9	4007157	32376 7
25	2"	E 6,3	1/4"	10	036 255 70	4.54	9	4007157	32378 1
30	2"	E 6,3	1/4"	10	036 305 70	4.49	11	4007157	32380 4
40	2"	E 6,3	1/4"	10	036 405 70	4.49	12	4007157	32382 8



Bits Industrial

made in
Germany



020 C 6,3



Icon	Flute	Length	Material	Shank Dia	Pcs	Code	Price	Unit	EAN-Code	Item No
	5/32"	1"	C 6,3	1/4"	10	020 210 10	1.04	4	40 07157	24037 8
	1/8"	1"	C 6,3	1/4"	10	020 300 10	1.26	4	40 07157	30066 9
	9/64"	1"	C 6,3	1/4"	10	020 310 10	0.90	4	40 07157	30070 6
	3/16" x 0.06"	1"	C 6,3	1/4"	10	020 400 10	0.90	4	40 07157	30904 4
	5/32"	1"	C 6,3	1/4"	10	020 410 10	0.91	4	40 07157	30079 9
	3/16" x 0.08"	1"	C 6,3	1/4"	10	020 500 10	0.91	5	40 07157	30089 8
	7/32" x 0.031"	1"	C 6,3	1/4"	10	020 510 10	0.91	5	40 07157	30097 3
	7/32" x 0.039"	1"	C 6,3	1/4"	10	020 520 10	0.91	5	40 07157	30105 5
	1/4" x 0.039"	1"	C 6,3	1/4"	10	020 600 10	0.91	6	40 07157	30112 3
	1/4" x 0.047"	1"	C 6,3	1/4"	10	020 610 10	0.91	6	40 07157	30119 2
	5/16"	1"	C 6,3	1/4"	10	020 800 10	1.26	7	40 07157	30918 1

021 C 6,3



Icon	Flute	Length	Material	Shank Dia	Pcs	Code	Price	Unit	EAN-Code	Item No
	PZ	1"	C 6,3	1/4"	10	021 020 10	0.70	5	40 07157	30169 7

022 C 6,3



Icon	Flute	Length	Material	Shank Dia	Pcs	Code	Price	Unit	EAN-Code	Item No
	PH	1"	C 6,3	1/4"	10	022 000 10	0.93	5	40 07157	30937 2
	1	1"	C 6,3	1/4"	10	022 010 10	0.62	5	40 07157	30193 2
	1 (100)	1"	C 6,3	1/4"	1	022 010 17	59.06	500	40 07157	30940 2
	2	1"	C 6,3	1/4"	10	022 020 10	0.62	5	40 07157	30205 2
	2 (100)	1"	C 6,3	1/4"	1	022 020 17	59.06	500	40 07157	30943 3
	3	1"	C 6,3	1/4"	10	022 030 10	0.62	6	40 07157	30218 2
	3 (100)	1"	C 6,3	1/4"	1	022 030 17	59.06	600	40 07157	31351 5
	4	1 1/4"	C 6,3	1/4"	10	022 042 10	2.70	12	40 07157	30229 8

New!
022
C 6,3



Icon	Flute	Length	Material	Shank Dia	Pcs	Code	Price	Unit	EAN-Code	Item No
	PH	2"	C 6,3	1/4"	10	022 015 10	1.86	5	40 07157	53053 0
	2	2"	C 6,3	1/4"	10	022 025 10	1.86	5	40 07157	30216 8
	3	2"	C 6,3	1/4"	10	022 035 10	1.86	6	40 07157	30227 4

025 C 6,3



sq	≡	🔩	📦	025	\$	📦	EAN-Code	Item No
0	1"	C 6,3	1/4"	10	025 000 10	1.81	5	40 07157 50350 3
1	1"	C 6,3	1/4"	10	025 100 10	1.73	5	40 07157 50352 7
2	1"	C 6,3	1/4"	10	025 200 10	1.55	5	40 07157 50354 1
3	1"	C 6,3	1/4"	10	025 300 10	1.55	5	40 07157 50356 5

026 C 6,3



Torx	≡	🔩	📦	026	\$	📦	EAN-Code	Item No
5	1"	C 6,3	1/4"	10	026 050 10	1.46	4	40 07157 50779 2
6	1"	C 6,3	1/4"	10	026 060 10	1.46	4	40 07157 30953 2
7	1"	C 6,3	1/4"	10	026 070 10	1.46	4	40 07157 30954 9
8	1"	C 6,3	1/4"	10	026 080 10	1.40	4	40 07157 30955 6
9	1"	C 6,3	1/4"	10	026 090 10	1.40	4	40 07157 30956 3
10	1"	C 6,3	1/4"	10	026 100 10	1.16	4	40 07157 30957 0
15	1"	C 6,3	1/4"	10	026 150 10	1.16	4	40 07157 30959 4
20	1"	C 6,3	1/4"	10	026 200 10	1.16	5	40 07157 30961 7
25	1"	C 6,3	1/4"	10	026 250 10	1.16	5	40 07157 30963 1
27	1"	C 6,3	1/4"	10	026 270 10	1.16	6	40 07157 30965 5
30	1"	C 6,3	1/4"	10	026 300 10	1.16	6	40 07157 30967 9
40	1"	C 6,3	1/4"	10	026 400 10	1.16	6	40 07157 30969 3
45	1"	C 6,3	1/4"	10	026 450 10	1.16	8	40 07157 32076 6

027 C 6,3



TorxTR	≡	🔩	📦	027	\$	📦	EAN-Code	Item No
7	1"	C 6,3	1/4"	10	027 070 10	2.18	4	40 07157 50771 6
8	1"	C 6,3	1/4"	10	027 080 10	2.18	4	40 07157 50773 0
9	1"	C 6,3	1/4"	10	027 090 10	2.18	4	40 07157 50775 4
10	1"	C 6,3	1/4"	10	027 100 10	2.12	4	40 07157 30971 6
15	1"	C 6,3	1/4"	10	027 150 10	2.12	4	40 07157 30972 3
20	1"	C 6,3	1/4"	10	027 200 10	2.12	5	40 07157 30973 0
25	1"	C 6,3	1/4"	10	027 250 10	2.12	5	40 07157 30974 7
27	1"	C 6,3	1/4"	10	027 270 10	2.12	6	40 07157 30975 4
30	1"	C 6,3	1/4"	10	027 300 10	2.02	6	40 07157 30976 1
40	1"	C 6,3	1/4"	10	027 400 10	2.02	6	40 07157 30977 8

023 C6,3



TorxPlus	Length	Size	Tip	Material	023	\$	Unit	EAN-Code	Item No
6 IP	1"	C 6,3	1/4"	10	023 060 10	2.82	4	40 07157	51341 0
7 IP	1"	C 6,3	1/4"	10	023 070 10	2.82	4	40 07157	51343 4
8 IP	1"	C 6,3	1/4"	10	023 080 10	2.82	4	40 07157	51345 8
9 IP	1"	C 6,3	1/4"	10	023 090 10	2.82	4	40 07157	51347 2
10 IP	1"	C 6,3	1/4"	10	023 100 10	2.55	4	40 07157	51349 6
15 IP	1"	C 6,3	1/4"	10	023 150 10	2.48	4	40 07157	51351 9
20 IP	1"	C 6,3	1/4"	10	023 200 10	2.35	5	40 07157	51353 3
25 IP	1"	C 6,3	1/4"	10	023 250 10	2.35	5	40 07157	51355 7
27 IP	1"	C 6,3	1/4"	10	023 270 10	2.35	6	40 07157	51357 1
30 IP	1"	C 6,3	1/4"	10	023 300 10	2.35	6	40 07157	51359 5
40 IP	1"	C 6,3	1/4"	10	023 400 10	2.29	6	40 07157	51361 8

028 C6,3



XZN	Length	Size	Tip	Material	028	\$	Unit	EAN-Code	Item No
M 4	1"	C 6,3	1/4"	10	028 040 10	2.99	5	40 07157	50360 2
M 5	1"	C 6,3	1/4"	10	028 050 10	2.99	5	40 07157	50362 6
M 6	1"	C 6,3	1/4"	10	028 060 10	2.99	5	40 07157	50364 0
M 8	1"	C 6,3	1/4"	10	028 080 10	2.99	5	40 07157	50366 4
M 10	1"	C 6,3	1/4"	10	028 100 10	3.07	5	40 07157	50368 8

029 C6,3



TS	Length	Size	Tip	Material	029	\$	Unit	EAN-Code	Item No
0	1"	C 6,3	1/4"	10	029 000 10	3.14	5	40 07157	50370 1
1	1"	C 6,3	1/4"	10	029 010 10	3.14	5	40 07157	50372 5
2	1"	C 6,3	1/4"	10	029 020 10	3.14	5	40 07157	50374 9
3	1"	C 6,3	1/4"	10	029 030 10	3.14	5	40 07157	50376 3
4	1"	C 6,3	1/4"	10	029 040 10	2.88	5	40 07157	50378 7
5	1"	C 6,3	1/4"	10	029 050 10	2.88	5	40 07157	50380 0
6	1"	C 6,3	1/4"	10	029 060 10	2.88	5	40 07157	50382 4

030 E6,3



Size	Length	Size	Tip	Material	030	\$	Unit	EAN-Code	Item No
1/8"	2"	E 6,3	1/4"	10	030 305 10	1.87	7	40 07157	30772 9
9/64"	2"	E 6,3	1/4"	10	030 315 10	1.73	7	40 07157	30275 5
5/32"	2"	E 6,3	1/4"	10	030 415 10	1.74	7	40 07157	30277 9
3/16" x 0.023"	2"	E 6,3	1/4"	10	030 455 10	1.74	8	40 07157	30779 8
3/16" x 0.031"	2"	E 6,3	1/4"	10	030 505 10	1.74	9	40 07157	30280 9
7/32" x 0.031"	2"	E 6,3	1/4"	10	030 515 10	1.74	10	40 07157	30283 0
7/32" x 0.039"	2"	E 6,3	1/4"	10	030 525 10	2.62	10	40 07157	30285 4
1/4" x 0.039"	2"	E 6,3	1/4"	10	030 605 10	1.74	10	40 07157	30287 8
1/4" x 0.05"	2"	E 6,3	1/4"	10	030 615 10	1.74	12	40 07157	30290 8
5/16" x 0.05"	2"	E 6,3	1/4"	10	030 805 10	2.73	14	40 07157	30292 2
5/16" x 0.06"	2"	E 6,3	1/4"	10	030 815 10	2.73	14	40 07157	30294 6
3/8"	2"	E 6,3	1/4"	10	030 105 10	3.09	17	40 07157	30272 4

031 E 6,3



PZ	2	2"	E 6,3	1/4"	10	031	\$	11	EAN-Code	Item No
	2	2"	E 6,3	1/4"	10	031 025 10	1.56	11	40 07157	30312 7

032 E 6,3



PH	0	2"	E 6,3	1/4"	10	032	\$	13	EAN-Code	Item No
	0	2"	E 6,3	1/4"	10	032 005 10	2.18	13	40 07157	51015 0
	1	2"	E 6,3	1/4"	10	032 015 10	1.47	8	40 07157	30317 2
	2	2"	E 6,3	1/4"	10	032 025 10	1.47	11	40 07157	30320 2
	3	2"	E 6,3	1/4"	10	032 035 10	2.02	13	40 07157	30323 3

033 E 6,3



TorxPlus	10 IP	2"	E 6,3	1/4"	10	033	\$	10	EAN-Code	Item No
	10 IP	2"	E 6,3	1/4"	10	033 105 10	4.28	10	40 07157	51363 2
	15 IP	2"	E 6,3	1/4"	10	033 155 10	4.28	10	40 07157	51365 6
	20 IP	2"	E 6,3	1/4"	10	033 205 10	4.28	11	40 07157	51367 0
	25 IP	2"	E 6,3	1/4"	10	033 255 10	4.28	11	40 07157	51369 4
	30 IP	2"	E 6,3	1/4"	10	033 305 10	4.28	11	40 07157	51371 7

036 E 6,3



Torx	5	2"	E 6,3	1/4"	10	036	\$	10	EAN-Code	Item No
	5	2"	E 6,3	1/4"	10	036 055 10	3.22	10	40 07157	50973 4
	6	2"	E 6,3	1/4"	10	036 065 10	3.02	10	40 07157	51375 5
	7	2"	E 6,3	1/4"	10	036 075 10	2.94	10	40 07157	51377 9
	8	2"	E 6,3	1/4"	10	036 085 10	3.11	9	40 07157	30834 4
	9	2"	E 6,3	1/4"	10	036 095 10	3.11	9	40 07157	30835 1
	10	2"	E 6,3	1/4"	10	036 105 10	2.98	10	40 07157	30836 8
	15	2"	E 6,3	1/4"	10	036 155 10	2.98	10	40 07157	24026 2
	20	2"	E 6,3	1/4"	10	036 205 10	2.98	11	40 07157	30839 9
	25	2"	E 6,3	1/4"	10	036 255 10	2.98	11	40 07157	30841 2
	27	2"	E 6,3	1/4"	10	036 275 10	2.98	11	40 07157	30843 6
	30	2"	E 6,3	1/4"	10	036 305 10	2.80	11	40 07157	30845 0
	40	2"	E 6,3	1/4"	10	036 405 10	2.74	12	40 07157	30847 4

039 E 6,3



Hex					039	\$		EAN-Code	Item No
5	2 5/8"	E 6,3	1/4"	5	039 050 10	14.23	36	40 07157	50404 3
6	2 5/8"	E 6,3	1/4"	5	039 060 10	14.46	36	40 07157	50406 7
7	2 5/8"	E 6,3	1/4"	5	039 070 10	14.46	37	40 07157	51373 1
8	2 5/8"	E 6,3	1/4"	5	039 080 10	14.46	37	40 07157	50408 1
10	2 5/8"	E 6,3	1/4"	5	039 100 10	15.35	38	40 07157	50410 4

039 E 6,3



Hex					039	\$		EAN-Code	Item No
5/16"	2 5/8"	E 6,3	1/4"	5	039 516 10	17.49	37	40 07157	50414 2
3/8"	2 5/8"	E 6,3	1/4"	5	039 038 10	17.49	38	40 07157	50416 6

030 E 6,3



					030	\$		EAN-Code	Item No
1/8"	2 7/8"	E 6,3	1/4"	5	030 307 10	3.39	7	40 07157	30274 8
9/64"	2 7/8"	E 6,3	1/4"	5	030 317 10	3.09	8	40 07157	30773 6
5/32"	2 7/8"	E 6,3	1/4"	5	030 417 10	3.00	9	40 07157	30279 3
7/32"	2 7/8"	E 6,3	1/4"	5	030 527 10	2.77	13	40 07157	30787 3
1/4"	2 7/8"	E 6,3	1/4"	5	030 617 10	2.69	17	40 07157	30794 1

032 E 6,3



PH					032	\$		EAN-Code	Item No
1	2 7/8"	E 6,3	1/4"	5	032 017 10	2.41	11	40 07157	30319 6
2	2 7/8"	E 6,3	1/4"	5	032 027 10	2.29	15	40 07157	30322 6
3	2 7/8"	E 6,3	1/4"	5	032 037 10	2.29	22	40 07157	30833 7

032 E 6,3



For terminal block screws



H (+/-)					032	\$		EAN-Code	Item No
2	2 7/8"	E 6,3	1/4"	5	032 202 10	5.16	16	40 07157	51881 1

035 E 6,3



sq					035	\$		EAN-Code	Item No
0	2 7/8"	E 6,3	1/4"	5	035 007 10	3.39	22	40 07157	31520 5
1	2 7/8"	E 6,3	1/4"	5	035 017 10	3.39	22	40 07157	31522 9
2	2 7/8"	E 6,3	1/4"	5	035 027 10	3.39	22	40 07157	31524 3
3	2 7/8"	E 6,3	1/4"	5	035 037 10	3.39	22	40 07157	31526 7

036 E 6,3



Torx					036	\$		EAN-Code	Item No
10	2 7/8"	E 6,3	1/4"	3	036 107 10	3.88	8	40 07157	30837 5
15	2 7/8"	E 6,3	1/4"	3	036 157 10	3.79	8	40 07157	30838 2
20	2 7/8"	E 6,3	1/4"	3	036 207 10	3.88	11	40 07157	30840 5
25	2 7/8"	E 6,3	1/4"	3	036 257 10	3.88	11	40 07157	30842 9
27	2 7/8"	E 6,3	1/4"	3	036 277 10	3.88	11	40 07157	30844 3
30	2 7/8"	E 6,3	1/4"	3	036 307 10	3.80	15	40 07157	30846 7
40	2 7/8"	E 6,3	1/4"	3	036 407 10	3.88	19	40 07157	30848 1

030 E 6,3



					030	\$		EAN-Code	Item No
5/32"	4"	E 6,3	1/4"	3	030 418 10	6.63	12	40 07157	30778 1
7/32"	4"	E 6,3	1/4"	3	030 528 10	6.48	18	40 07157	30788 0
1/4"	4"	E 6,3	1/4"	3	030 618 10	6.33	23	40 07157	30795 8
5/16"	4"	E 6,3	1/4"	3	030 818 10	6.81	32	40 07157	30800 9

032 E 6,3



PH					032	\$		EAN-Code	Item No
1	4"	E 6,3	1/4"	3	032 018 10	5.74	15	40 07157	30822 1
2	4"	E 6,3	1/4"	3	032 028 10	5.49	21	40 07157	30828 3

032 E 6,3



PH					032	\$		EAN-Code	Item No
1	6"	E 6,3	1/4"	3	032 019 10	7.92	21	40 07157	30823 8
2	6"	E 6,3	1/4"	3	032 029 10	7.60	32	40 07157	30830 6



New!

Impact

On card



				022	\$		EAN-Code	Item No
2 x	Impact PH 1	1"	C 6,3	2 022 012 41	8.18	13	40 07157	62995 1
2 x	Impact PH 2	1"	C 6,3	2 022 022 41	8.18	13	40 07157	62997 5
2 x	Impact PH 3	1"	C 6,3	2 022 032 41	8.44	15	40 07157	62999 9
1 x	Impact PH 1	2"	E 6,3	1 032 015 41	6.68	18	40 07157	63019 3
1 x	Impact PH 2	2"	E 6,3	1 032 025 41	6.68	18	40 07157	63021 6
1 x	Impact PH 3	2"	E 6,3	1 032 035 41	6.99	19	40 07157	63023 0



2 x	Impact Torx 10	1"	C 6,3	2 026 102 41	9.52	13	40 07157	63007 0
2 x	Impact Torx 15	1"	C 6,3	2 026 152 41	9.52	13	40 07157	63009 4
2 x	Impact Torx 20	1"	C 6,3	2 026 202 41	9.52	13	40 07157	63011 7
2 x	Impact Torx 25	1"	C 6,3	2 026 252 41	9.52	13	40 07157	63013 1
2 x	Impact Torx 30	1"	C 6,3	2 026 302 41	9.88	15	40 07157	63015 5
2 x	Impact Torx 40	1"	C 6,3	2 026 402 41	9.88	15	40 07157	63017 9
1 x	Impact Torx 10	2"	E 6,3	1 036 105 41	7.87	18	40 07157	63031 5
1 x	Impact Torx 15	2"	E 6,3	1 036 155 41	7.87	18	40 07157	63033 9
1 x	Impact Torx 20	2"	E 6,3	1 036 205 41	7.87	18	40 07157	63035 3
1 x	Impact Torx 25	2"	E 6,3	1 036 255 41	7.87	18	40 07157	63037 7
1 x	Impact Torx 30	2"	E 6,3	1 036 305 41	8.23	19	40 07157	63039 1
1 x	Impact Torx 40	2"	E 6,3	1 036 405 41	8.23	19	40 07157	63041 4





New!

Torsion

On card



				020	\$		EAN-Code	Item No
2 x	Torsion PH 1	1"	C 6,3	2	022 012 01	3.57	13	40 07157 62909 8
2 x	Torsion PH 2	1"	C 6,3	2	022 022 01	3.57	13	40 07157 62911 1
2 x	Torsion PH 3	1"	C 6,3	2	022 032 01	3.83	15	40 07157 62913 5
1 x	Torsion PH 1	2"	E 6,3	1	032 015 01	5.18	18	40 07157 62981 4
1 x	Torsion PH 2	2"	E 6,3	1	032 025 01	5.18	18	40 07157 62983 8
1 x	Torsion PH 3	2"	E 6,3	1	032 035 01	5.49	18	40 07157 62985 2



2 x	Torsion Torx 10	1"	C 6,3	2	026 102 01	5.74	13	40 07157 62921 0
2 x	Torsion Torx 15	1"	C 6,3	2	026 152 01	5.74	13	40 07157 62923 4
2 x	Torsion Torx 20	1"	C 6,3	2	026 202 01	5.74	13	40 07157 62925 8
2 x	Torsion Torx 25	1"	C 6,3	2	026 252 01	5.74	13	40 07157 62927 2
2 x	Torsion Torx 30	1"	C 6,3	2	026 302 01	6.00	15	40 07157 62929 6
2 x	Torsion Torx 40	1"	C 6,3	2	026 402 01	6.00	15	40 07157 62931 9



New!

Industrial

On card



					020	\$		EAN-Code	Item No
2 x	9/64" x 0.6"	1"	C 6,3	10	020 310 36	2.34	15	40 07157 10263 8	
2 x	5/32" x 0.8"	1"	C 6,3	10	020 410 36	2.18	15	40 07157 10264 5	
2 x	3/16" x 1"	1"	C 6,3	10	020 500 36	2.18	15	40 07157 31890 9	
2 x	7/32" x 0.8"	1"	C 6,3	10	020 510 36	2.18	15	40 07157 10311 6	
2 x	7/32" x 1"	1"	C 6,3	10	020 520 36	2.18	15	40 07157 10265 2	
2 x	1/4" x 1.2"	1"	C 6,3	10	020 610 36	2.73	17	40 07157 10266 9	
2 x	5/16" x 1.2"	1"	C 6,3	10	020 800 36	2.99	19	40 07157 10267 6	



Industrial

New on card

New!



2 x	PH 1	1"	C 6,3	10	022 010 36	1.81	15	40 07157	10270	6	
5 x	PH 1	1"	C 6,3	10	022 010 56	3.98	30	40 07157	31666	0	
2 x	PH 2	1"	C 6,3	10	022 020 36	1.81	15	40 07157	10271	3	
5 x	PH 2	1"	C 6,3	10	022 020 56	3.98	30	40 07157	10284	3	
2 x	PH 3	1"	C 6,3	10	022 030 36	1.81	17	40 07157	10272	0	
5 x	PH 3	1"	C 6,3	10	022 030 56	3.98	35	40 07157	52833	9	
3 x 1	PH 1 / PH 2 / PH 3	1"	C 6,3	10	022 931 16	2.48	21	40 07157	10280	5	
2 x	PH 1	2"	C 6,3	10	022 015 36	4.55	30	40 07157	53023	3	
5 x	PH 1	2"	C 6,3	10	022 015 56	10.04	60	40 07157	53035	6	
2 x	PH 2	2"	C 6,3	10	022 025 36	4.55	32	40 07157	53037	0	
5 x	PH 2	2"	C 6,3	10	022 025 56	10.04	65	40 07157	53025	7	
2 x	PH 3	2"	C 6,3	10	022 035 36	4.55	34	40 07157	53027	1	
5 x	PH 3	2"	C 6,3	10	022 035 56	10.04	70	40 07157	53039	4	
2 x	PH 1	2"	E 6,3	10	032 015 36	4.55	30	40 07157	51639	8	
2 x	PH 1	3"	E 6,3	10	032 017 36	7.40	34	40 07157	50520	0	
2 x	PH 2	2"	E 6,3	10	032 025 36	3.87	32	40 07157	10286	7	
2 x	PH 2	3"	E 6,3	10	032 027 36	7.14	42	40 07157	10304	8	
3 x 1	PH 1 / PH 2 / PH 3	2"	E 6,3	10	032 931 16	6.91	42	40 07157	31305	8	



2 x	Torx 5	1"	C 6,3	10	026 050 36	4.19	13	40 07157	52865	0	
2 x	Torx 6	1"	C 6,3	10	026 060 36	4.15	13	40 07157	10303	1	
2 x	Torx 7	1"	C 6,3	10	026 070 36	4.15	13	40 07157	10302	4	
2 x	Torx 8	1"	C 6,3	10	026 080 36	4.02	13	40 07157	10301	7	
2 x	Torx 9	1"	C 6,3	10	026 090 36	4.02	13	40 07157	10300	0	
2 x	Torx 10	1"	C 6,3	10	026 100 36	3.15	15	40 07157	10299	7	
2 x	Torx 15	1"	C 6,3	10	026 150 36	3.01	15	40 07157	10298	0	
2 x	Torx 20	1"	C 6,3	10	026 200 36	3.00	15	40 07157	10297	3	
2 x	Torx 25	1"	C 6,3	10	026 250 36	3.00	15	40 07157	10296	6	
2 x	Torx 27	1"	C 6,3	10	026 270 36	3.00	15	40 07157	10295	9	
2 x	Torx 30	1"	C 6,3	10	026 300 36	3.00	17	40 07157	10294	2	
2 x	Torx 40	1"	C 6,3	10	026 400 36	3.53	17	40 07157	22194	0	
3 x 1	Torx 10 / Torx 15 / Torx 20	1"	C 6,3	10	026 931 16	6.11	20	40 07157	32222	7	
3 x 1	Torx 15 / Torx 20 / Torx 25	1"	C 6,3	10	026 933 16	6.11	20	40 07157	52157	6	
3 x 1	Torx 10 / Torx 15 / Torx 20	2"	E 6,3	10	036 931 16	10.56	20	40 07157	52243	6	
3 x 1	Torx 20 / Torx 25 / Torx 30	2"	E 6,3	10	036 932 16	10.30	21	40 07157	52241	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!

felo star

made in Germany



038



FeloStar on card

2 3/4"

E 6,3

1/4"

6

038

038 165 94

\$

24.75

40

40

EAN-Code

40 07157 52673 1



020



	020	\$		EAN-Code	Item No
8	020 902 86	83.30	165	40 07157	53525 2

AllStar Bit Box Slotted, PH, Torx C 6,3 x 1"

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

026



	020	\$		EAN-Code	Item No
8	020 908 76	44.09	165	40 07157	53527 6

AllStar Bit Box Torx, C 6,3 x 1/4"

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



	020	\$		EAN-Code	Item No
8	020 908 16	34.07	165	40 07157	53015 8

AllStar Bit Box Universal SQ Torx C 6,3 x 1"

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



	020	\$		EAN-Code	Item No
8	020 909 16	40.78	165	40 07157	53529 0

AllStar Bit Box Slotted, PH, SQ C 6,3 x 1"

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



020



	020	\$		EAN-Code	Item No
8	020 905 16	36.62	165	40 07157	52755 4

AllStar Bit Box SQ Torx C 6,3 x 1"

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

felo *swift*

- All sizes at one glance
- easy selection of bits by pick and pull (one-hand operation)
- auxiliary-screwdriver function

made in Germany



020



Swift Box Torx TiN C 6,3 x 1" 10 020 604 76 **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 EAN-Code **Item No** 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 EAN-Code **Item No** 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



New!
Impact
020



Torx Impact Box Swift C 6,3 x 1/4" 10 020 603 46 **35.81** 68 EAN-Code **Item No** 40 07157 **63055 1**

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** 67 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



020



25.70



120

EAN-Code Item No

40 07157 53541 2

Profi Bit Box 12 Bits C 6,3 x 1" + Magnetholder

10 020 918 16

(4 x) 026: 3/16" | 7/32" | 1/4" | 5/16" Slotted

022: PH 1

(2 x) 022: PH 2

022: PH 3

026: Torx 15

(2 x) 026: Torx 20

026: Torx 25

038: Magnetholder

New!

Impact
036



036



48.70



65

EAN-Code Item No

40 07157 63063 6

Profi Bit Box Impact

10 036 915 46

6 Impact Bits E 6,3 x 50 mm

(6 x) 036: Torx 10 / Torx 15 / Torx 20

Torx 25 / Torx 30 / Torx 40



Profi Bit Box Impact

10 036 935 46

46.06

65

40 07157 63067 4

6 Impact Bits E 6,3 x 50 mm

(1 x) 031: PZ 2

(1 x) 032: PH 2

(4 x) 036: Torx 15 / Torx 20 / Torx 25 / Torx 30

030**030****\$**EAN-Code **Item No****Profi Bit Box. 6 Bits E 6,3 x 2"**

10 030 915 16

11.81

120

40 07157 **31410 9**(6 x) **030:** 9/64" | 5/32" | 3/16"

7/32" | 1/4" | 5/16" Slotted

036**036****\$**EAN-Code **Item No****Profi Bit Box. 6 Bits E 6,3 x 2"**

10 036 915 16

15.75

120

40 07157 **31419 2**(6 x) **030:** Torx 10 | Torx 15 | Torx 20

Torx 25 | Torx 30 | Torx 40

057**057****\$**EAN-Code **Item No****1/4" Nut-Box - metric. 8 Sockets + Adapter**

6 057 981 06

14.60

170

40 07157 **22198 8**

(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	\$	196	EAN-Code Item No
PH Box. 25 Bits + Magnetholder C 6,3 x 1"		6 022 026 16	23.62	196	40 07157 53543 6
(5 x)	PH 1				
(15 x)	PH 2				
(5 x)	PH 3				
Magnetholder 2 3/8"					

020



		026	\$	196	EAN-Code Item No
Torx-Box. 25 Bits + Magnetholder C 6,3 x 1"		6 026 026 16	32.79	196	40 07157 50803 4
(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"					

020



020

\$



EAN-Code Item No

Security Bitbox C 6,3 x 1"

6 020 326 16

79.14

196

40 07157 51565 0

(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"

Bitholders & Adapters

made in Germany

429



429

\$



EAN-Code Item No

Bitholder 6 3/4" 4.2" 1.4"

6

429 635 40

27.31

146

40 07157 60365 4

438



438

\$



EAN-Code Item No

Bitholder 4" 3.9" 1.3"

6

438 125 40

17.79

102

40 07157 53711 9

538



Felo Star

4" 3.9" 1.3"

6

538



EAN-Code Item No

538 100 40

26.82

123

40 07157 **51397 7**



538



Bitholder

4" 3.9" 1.3"

6

538



EAN-Code Item No

538 125 40

14.89

103

40 07157 **32348 4**



518



Bitholder

1/4"

4" 3.9" 1.3"

6

518



EAN-Code Item No

518 125 40

14.53

103

40 07157 **50785 3**



338



Bitholder

5" 4"

6

338



EAN-Code Item No

338 125 80

11.78

111

40 07157 **32350 7**



038



FeloStar on card

2 3/4" E 6.3 1/4"

6

038



EAN-Code

038 165 94

24.75

40

40 07157 **52673 1**



038**Magnetholder**

					038	\$		EAN-Code	Item No
extra strong	1 7/8"	E 6,3	1/4"	6	038 109 90	5.11	20	40 07157	30850 4
Magnetholder	2 1/4"	E 6,3	1/4"	6	038 103 90	3.87	30	40 07157	30340 0
dto. in PP-Box				6	038 103 96	5.05	32	40 07157	10288 1

058**Magnetholder**

					058	\$		EAN-Code	Item No
	4"	SDS	1/4"	6	058 102 90	15.91	62	40 07157	30978 5

059**Indenter**

					059	\$		EAN-Code	Item No
Bit Holder	max. 3 1/8"	E 6,3	1/4"	6	059 103 90	13.70	67	40 07157	51897 2
	incl. Bit PH 2 x 25								

097**Adapter**

					097	\$		EAN-Code	Item No
	2"	E 6,3	1/4"	6	097 013 10	5.11	15	40 07157	30481 0

097**Adapter**

					097	\$		EAN-Code	Item No
	1"	1/4"	1/4"	6	097 018 10	3.20	11	40 07157	30851 1

097**Adapter**

					097	\$		EAN-Code	Item No
	2"	E 6,3	3/8"	6	097 020 10	8.09	22	40 07157	30489 6

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
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	PART#	PG#	LIST EA	PART#	PG#	LIST EA	PART#	PG#	LIST EA	PART#	PG#	LIST EA	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#	PG#	LIST EA	PART#	PG#	LIST EA	PART#	PG#	LIST EA	PART#	PG#	LIST EA	PART#	PG#	LIST EA	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



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PART#	PG#	LIST EA	PART#	PG#	LIST EA	PART#	PG#	LIST EA	PART#	PG#	LIST EA	PART#	PG#	LIST EA	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#	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

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PART#	PG#	LIST EA	PART#	PG#	LIST EA	PART#	PG#	LIST EA	PART#	PG#	LIST EA	PART#	PG#	LIST EA	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

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PART#	PG#	LIST EA	PART#	PG#	LIST EA	PART#	PG#	LIST EA	PART#	PG#	LIST EA	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
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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
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46487	36	39.00	48492	45	37.88	71307	53	6.54	74604	40	3.27	75707	10	1.99	193160	40	10.88
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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
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46512	36	5.40	50026	47	36.23	71354	53	6.54	74612	40	7.07	75749	10	1.61			
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46556	36	3.08	50107	47	9.32	71376	53	10.29	74650	40	3.14	75764	10	2.63			
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46568	36	5.15	50152	47	9.32	71625	53	8.07	74656	40	3.60	75776	10	6.19			
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46576	36	11.39	50156	47	9.32	71630	53	8.07	74664	40	5.54	75903	10	1.31			
46587	36	42.50	50205	47	9.32	71640	53	8.07	74668	40	6.29	75904	10	1.31			
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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			
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07157 51353	2.35	141
07157 51355	2.35	141
07157 51357	2.35	141
07157 51359	2.35	141
07157 51361	2.29	141
07157 51363	4.28	142
07157 51365	4.28	142
07157 51367	4.28	142
07157 51369	4.28	142
07157 51371	4.28	142
07157 51373	14.46	143
07157 51375	3.02	142
07157 51377	2.94	142
07157 51379	9.42	75
07157 51381	14.48	75
07157 51389	19.06	151
07157 51395	15.17	151
07157 51397	26.82	78
07157 51397	26.82	156
07157 51401	37.17	102
07157 51427	26.21	102
07157 51565	79.14	155
07157 51639	4.55	147
07157 51665	22.64	77
07157 51667	22.64	77
07157 51669	23.36	77
07157 51671	23.36	77
07157 51673	22.26	77
07157 51675	24.22	77
07157 51677	22.57	77
07157 51679	24.71	77
07157 51681	19.94	77
07157 51683	20.32	77

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07157 51699	152.08	80
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07157 51723	8.04	131
07157 51725	8.04	131
07157 51727	8.04	131
07157 51729	8.04	131
07157 51731	8.04	131
07157 51733	8.04	131
07157 51735	8.04	131
07157 51737	8.04	131
07157 51739	8.04	131
07157 51741	8.04	131
07157 51743	8.04	131
07157 51745	8.04	131
07157 51747	8.04	131
07157 51749	17.94	130
07157 51757	22.51	77
07157 51759	25.97	77
07157 51761	25.61	77
07157 51809	16.87	75
07157 51811	10.14	75
07157 51841	11.53	75
07157 51843	11.36	75
07157 51845	11.28	75
07157 51881	5.16	143
07157 51897	13.70	157
07157 51903	13.47	87
07157 51923	12.54	151
07157 51981	23.87	77
07157 51983	24.57	77
07157 51985	27.71	77
07157 51991	8.65	107
07157 51993	8.65	107
07157 51995	8.65	107
07157 51997	8.65	107
07157 51999	8.65	107
07157 52001	8.65	107
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07157 52009	8.65	107
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07157 52013	8.65	107
07157 52015	8.65	107
07157 52017	8.65	107
07157 52019	8.65	107
07157 52021	8.65	107
07157 52023	8.65	107
07157 52025	8.65	107
07157 52027	8.65	107
07157 52029	8.65	107
07157 52031	8.65	107
07157 52033	8.65	107
07157 52035	8.65	107
07157 52037	8.65	107
07157 52039	171.31	105
07157 52041	171.31	105
07157 52043	171.31	106
07157 52149	61.42	106
07157 52151	61.42	106
07157 52153	61.42	106
07157 52155	4.19	106
07157 52157	6.11	147
07157 52241	10.30	147
07157 52243	10.56	147
07157 52673	24.75	148
07157 52673	24.75	156
07157 52755	36.62	150
07157 52785	10.15	64
07157 52787	12.83	64
07157 52789	17.15	64
07157 52791	9.78	64
07157 52793	12.64	64
07157 52795	10.23	64
07157 52797	13.21	64
07157 52799	11.65	66
07157 52801	15.80	66
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07157 52807	8.46	67
07157 52809	8.46	67
07157 52811	8.46	67
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07157 52815	9.48	67
07157 52817	10.64	67
07157 52819	10.64	67
07157 52821	10.64	67
07157 52823	13.21	67
07157 52825	13.99	67
07157 52833	3.98	147
07157 52865	4.19	147
07157 53015	34.07	149
07157 53023	4.55	147
07157 53025	10.04	147
07157 53027	4.55	147
07157 53035	10.04	147
07157 53037	4.55	147
07157 53039	10.04	147
07157 53053	1.86	139
07157 53077	86.33	130
07157 53089	10.39	131
07157 53091	10.39	131
07157 53093	10.39	131
07157 53095	10.39	131
07157 53117	5.71	66
07157 53119	6.11	66
07157 53121	9.13	64
07157 53125	19.71	64
07157 53127	22.15	64
07157 53129	16.81	64
07157 53131	17.57	64
07157 53133	7.29	95
07157 53135	7.29	95
07157 53139	7.73	95
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07157 53167	58.83	65
07157 53169	57.35	95
07157 53171	28.00	71
07157 53173	36.78	65
07157 53175	29.41	95
07157 53195	18.42	127
07157 53197	18.42	127
07157 53199	18.42	127
07157 53201	18.42	127
07157 53203	18.42	127
07157 53205	18.42	127
07157 53207	18.42	127
07157 53209	18.42	127
07157 53235	28.57	102
07157 53413	4.62	106
07157 53439	85.04	130
07157 53447	86.33	130
07157 53507	11.62	67
07157 53509	12.17	67
07157 53511	12.17	67
07157 53517	33.74	70
07157 53521	45.45	79
07157 53523	35.42	73
07157 53525	83.30	149
07157 53527	44.09	149
07157 53529	40.78	150
07157 53541	25.70	152
07157 53543	23.62	154
07157 53595	9.04	128
07157 53611	7.97	66
07157 53619	9.39	66
07157 53621	9.25	66
07157 53623	11.65	66
07157 53627	12.74	66

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07157 53637	12.31	66
07157 53639	15.35	66
07157 53679	5.40	66
07157 53681	19.05	66
07157 53683	8.82	66
07157 53685	11.37	66
07157 53687	17.06	66
07157 53689	17.06	66
07157 53693	47.57	70
07157 53701	30.87	70
07157 53711	17.79	68
07157 53711	17.79	155
07157 57521	34.16	65
07157 57557	4.31	127
07157 57591	13.19	66
07157 57593	15.38	66
07157 60365	27.31	68
07157 60365	27.31	155
07157 60427	16.14	126
07157 60903	13.19	67
07157 60905	13.19	67
07157 60907	14.36	67
07157 60909	14.36	67
07157 61245	8.65	107
07157 61307	5.02	109
07157 61391	136.11	69
07157 61479	14.67	68
07157 61481	46.25	119
07157 61509	9.55	69
07157 61511	9.78	69
07157 61545	85.18	122
07157 61553	154.73	118
07157 61557	107.92	119
07157 61569	30.78	123
07157 61585	13.63	123
07157 61625	8.65	107
07157 61627	8.65	107
07157 61629	8.65	107
07157 61631	8.65	107

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07157 61653	9.82	107
07157 61655	9.82	107
07157 61657	9.82	107
07157 61659	9.82	107
07157 61661	9.82	107
07157 61663	9.82	107
07157 61665	9.82	107
07157 61667	9.82	107
07157 61727	13.63	69
07157 61731	9.19	95
07157 61733	17.09	123
07157 62053	132.99	117
07157 62055	120.88	118
07157 62057	89.51	121
07157 62059	92.14	121
07157 62405	13.97	69
07157 62631	12.87	97
07157 62635	13.29	97
07157 62637	10.82	97
07157 62639	13.68	97
07157 62641	16.50	97
07157 62643	15.77	97
07157 62645	17.35	97
07157 62647	14.50	97
07157 62649	15.78	97
07157 62651	14.35	97
07157 62653	16.87	97
07157 62655	16.24	97
07157 62657	18.00	97
07157 62659	15.39	97
07157 62661	17.62	97
07157 62663	18.91	98
07157 62665	19.49	98
07157 62667	20.66	98
07157 62669	19.79	98
07157 62681	32.35	103
07157 62683	20.75	103
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07157 62745	81.02	99
07157 62749	328.48	99
07157 62755	58.48	71
07157 62853	67.61	98
07157 62867	1.29	135
07157 62869	1.29	135
07157 62871	1.40	135
07157 62879	2.38	135
07157 62881	2.38	135
07157 62883	2.38	135
07157 62885	2.38	135
07157 62887	2.48	135
07157 62889	2.48	135
07157 62891	4.04	135
07157 62893	4.04	135
07157 62895	4.30	135
07157 62903	4.04	135
07157 62905	4.04	135
07157 62907	4.30	135
07157 62909	3.57	146
07157 62911	3.57	146
07157 62913	3.83	146
07157 62921	5.74	146
07157 62923	5.74	146
07157 62925	5.74	146
07157 62927	5.74	146
07157 62929	6.00	146
07157 62931	6.00	146
07157 62933	3.83	133
07157 62935	3.83	133
07157 62937	3.98	133
07157 62945	4.50	133
07157 62947	4.50	133
07157 62949	4.50	133
07157 62951	4.50	133
07157 62953	4.71	133
07157 62955	4.71	133
07157 62957	6.05	133
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07157 62969	7.25	133
07157 62971	6.05	133
07157 62973	7.25	133
07157 62975	7.25	133
07157 62977	7.61	133
07157 62979	7.61	133
07157 62981	5.18	146
07157 62983	5.18	146
07157 62985	5.49	146
07157 62995	8.18	145
07157 62997	8.18	145
07157 62999	8.44	145
07157 63007	9.52	145
07157 63009	9.52	145
07157 63011	9.52	145
07157 63013	9.52	145
07157 63015	9.88	145
07157 63017	9.88	145
07157 63019	6.68	145
07157 63021	6.68	145
07157 63023	6.99	145
07157 63031	7.87	145
07157 63033	7.87	145
07157 63035	7.87	145
07157 63037	7.87	145
07157 63039	8.23	145
07157 63041	8.23	145
07157 63055	35.81	151
07157 63059	31.04	151
07157 63063	48.70	152
07157 63067	46.06	152
07157 63077	26.86	133







Torque & Interchangeability

Hex Size Inch	Torque Capacity**				Screw Interchangeability				
	Bondhus Straight Hex		Bondhus 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 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® Size	Bondhus 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	—	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.
Other manufacturer's tools may break with considerably less torque.

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