



Tools That  
Work



2012 Catalog



## Who We Are

Bondhus Corporation is located in Monticello, Minnesota - USA; about 40 minutes from Minneapolis. Bondhus employees are proud of our Company and the tools we make. Our Ball, Hex, and Star Tip tools are made in our Monticello manufacturing facility, just across the street from the Mighty Mississippi River.



In 1964, John Bondhus began manufacturing the original "Balldriver®" ball end hex tool which he invented. Since that time, we have taken great pride in being the industry leader in designing and manufacturing innovative, timesaving tools. We have built our business by providing Bondhus customers (professional tool users) with the highest quality products and customer support in the industry.

With some 70 competitors worldwide, no one seriously disputes the overwhelming dominance of Bondhus Corporation in the world of ball end hex tools. Bondhus tools turn up everywhere! They can be found in tool boxes around the globe, on every continent and in over 80 countries from Taiwan to Venezuela and from Sweden to Japan. Machinists and automotive repair shops find them indispensable. Printing press operators use them in Singapore, South Dakota, and Saudi Arabia - so do dentists and the makers of artificial limbs. Bicycle repair kits everywhere contain some version of our tools. Jazz, rock, and pop musicians who play guitars also use Bondhus tools.

When NASA needed special hand tools to repair the International Space Station and the Hubble Space Telescope, they called Bondhus. They needed the very best tool for the most demanding of applications. NASA discovered what millions of professional tool users around the world already know - Bondhus tools work in even the most difficult circumstances.

Bondhus tool strength and consistent high quality are the standards by which other hand tools are judged. Whether the tool user works in outer space or on an oil rig in the middle of the ocean, the tools they use must work the first time... they do not have time to go back for a replacement. Bondhus tools are built to work hard, built to save time and built to last. In independent laboratory torque tests (just one of several means of evaluating tools), Bondhus consistently outperforms competitors.

Bondhus manufactures the highest quality Ball End, Hex and Star tools available, and every tool is backed by an unconditional lifetime warranty. A warranty is only as good as the company standing behind it, and Bondhus has been the leading innovator in the Hex and Star tool industry for more than forty years.



## 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.



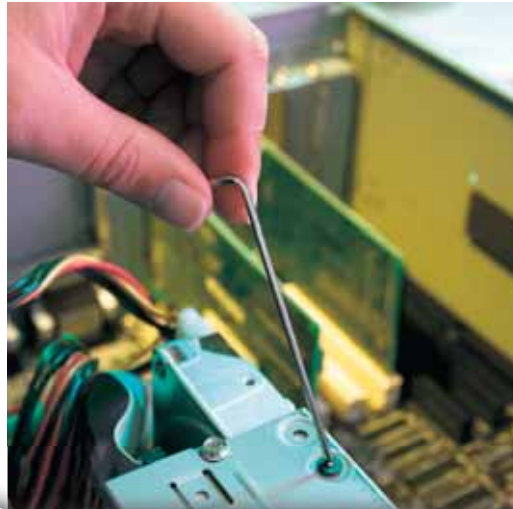
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# L-Wrenches



Color Coded  
■ Inch  
■ Metric  
■ Star

- 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
- Three 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:



Corrosion-resistant finish:

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



Next generation chrome finish:

Traditional plated tool look with superior protection and durability.

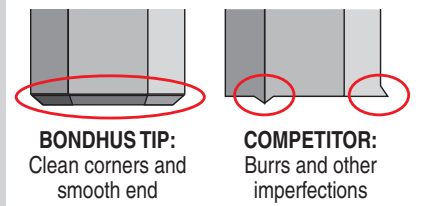


Real 14 karat gold finish:

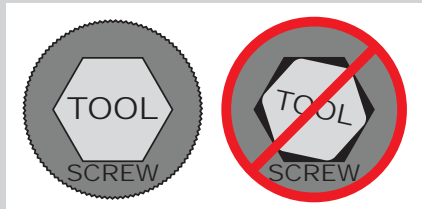
Superior protection and durability over traditional chrome and the look and shine of real gold.

## 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 Star 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.



**Inch**  
**Metric**  
**Star**

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

## ProGuard™ Ball End



PART#	MODEL#	PCS	CONTENTS	QTY	LIST
20196	BLX21	21	10936 (.050-5/16") + 10999 (1.5-10mm)	1	
20199	BLX22	22	10937 (.050-3/8") + 10999 (1.5-10mm)	1	



## ProGuard™ Ball End Stubby



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



## ProGuard™ ProHold® Tip Ball End



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



## ProGuard™ Hex End



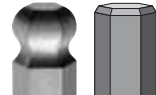
PART#	MODEL#	PCS	CONTENTS	QTY	LIST
22199	HLX22	22	12137 (.050-3/8") + 12199 (1.5-10mm)	1	



## ProGuard™ Ball End and Hex End



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	
14187	BLF16M	16	10999 (1.5-10mm) + 12587 (Hex Fold Up 2-8mm)	1	
14189	BLF22	22	10937 (.050-3/8") + 12589 (Hex Fold Up 5/64-1/4")	1	



## ProGuard™ Ball End and Star Tip



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



## BriteGuard™ and GoldGuard™ Ball End



PART#	MODEL#	PCS	CONTENTS	QTY	LIST
20399	BLX22GB	22	16937 (.050-3/8") + 38099 (1.5-10mm)	1	



## GoldGuard™ Ball End



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



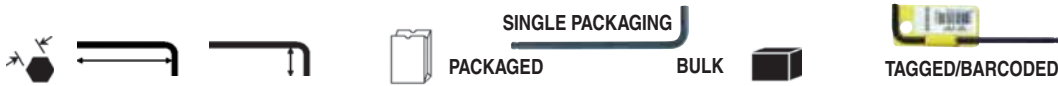
# Ball End L-Wrenches

## - ProGuard™ Finish -

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



Sets	PART#	MODEL#	PCS	LENGTH	CONTENTS	QTY	LIST
<b>Inch</b>	10945	BLX7	7	Long	5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16"	1	
	10932	BLX8	8	Long	.050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"	1	
	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	
	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	
	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	
	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	
	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	
	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	



Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA	PART#	QTY	LIST EA	PART#	QTY	LIST EA
<b>LONG Inch</b>	.050	2.8	72	0.53	13	10902	10		12902	100		15702	10	
	1/16	3.0	76	0.56	14	10903	10		12903	100		15703	10	
	5/64	3.2	81	0.61	15	10904	10		12904	100		15704	10	
	3/32	3.4	86	0.65	16	10905	10		12905	100		15705	10	
	7/64	3.6	90	0.70	18	10906	10		12906	100		15706	10	
	1/8	3.8	95	0.75	19	10907	10		12907	100		15707	10	
	9/64	4.0	101	0.80	20	10908	10		12908	100		15708	10	
	5/32	4.2	107	0.84	21	10909	10		12909	100		15709	10	
	3/16	4.5	114	0.94	24	10910	10		12910	100		15710	10	
	7/32	4.9	124	1.03	26	10911	5		12911	50		15711	5	
	1/4	5.6	141	1.13	29	10912	5		12912	50		15712	5	
	5/16	6.0	152	1.25	32	10913	5		12913	50		15713	5	
	3/8	6.8	171	1.38	35	10914	5		12914	50		15714	5	
	7/16	7.5	191	1.50	38	10915	1		12915	25		15715	1	
	1/2	8.3	210	1.63	41	10916	1		12916	25		15716	1	
	9/16	9.0	229	1.75	44	10917	1		12917	10		15717	1	
	5/8	9.8	248	1.88	48	10918	1		12918	10		15718	1	
	3/4	11.3	286	2.13	54	10919	1		12919	5		15719	1	
	7/8	12.8	325	2.37	60	10920	1		-	-		-	-	
	1	14.2	362	2.62	67	10921	1		-	-		-	-	



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

*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
<b>Metric</b>	10946	BLX6M	6	Long	1.5, 2, 2.5, 3, 4, 5mm	1	
	10992	BLX7M	7	Long	1.5, 2, 2.5, 3, 4, 5, 6mm	1	
	10999	BLX9M	9	Long	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm	1	
	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	
	10989	MBLX13	13	Long	1.27, 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10, 12, 14, 17mm (in metal box)	1	
	16099	BLX9MXL	9	Extra Long	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm	1	



Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA	PART#	QTY	LIST EA	PART#	QTY	LIST EA
<b>LONG Metric</b>	1.27	2.8	72	0.53	13	10949	10		12949	100		15749	10	
	1.5	3.0	77	0.53	14	10950	10		12950	100		15750	10	
	2.0	3.2	82	0.61	16	10952	10		12952	100		15752	10	
	2.5	3.5	88	0.69	17	10954	10		12954	100		15754	10	
	3.0	3.9	98	0.75	19	10956	10		12956	100		15756	10	
	3.5	3.9	100	0.85	21	10958	1		12958	100		15758	1	
	4.0	4.3	110	0.87	22	10960	10		12960	100		15760	10	
	4.5	4.5	114	1.00	25	10962	1		12962	100		15762	1	
	5.0	4.7	119	1.06	27	10964	5		12964	100		15764	5	
	5.5	4.9	124	1.14	29	10966	1		12966	50		15766	1	
	6	5.5	139	1.22	31	10968	5		12968	50		15768	5	
	7	5.5	140	1.30	33	10970	1		12970	50		15770	1	
	8	6.0	152	1.38	35	10972	5		12972	50		15772	5	
	9	6.2	159	1.46	37	10974	1		12974	50		15774	1	
	10	6.7	171	1.54	39	10976	5		12976	50		15776	5	
	11	7.9	200	1.63	42	10978	1		12978	25		15778	1	
	12	8.7	220	1.73	44	10980	1		12980	25		15780	1	
	14	10.2	260	2.15	55	10984	1		12984	10		15784	1	
	17	11.0	280	2.42	61	10986	1		12986	10		15786	1	
	19	11.6	295	2.70	69	10988	1		12988	5		15788	1	
	22	13.0	330	3.07	78	10991	1		-	-		-	-	
	24	14.5	370	3.47	88	10993	1		-	-		-	-	



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

### 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
<b>Inch</b>	74938	PBLX10	10	Long	1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"	1	
	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	
<b>Metric</b>	74992	PBLX7M	7	Long	1.5, 2, 2.5, 3, 4, 5, 6mm	1	
	74999	PBLX9M	9	Long	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm	1	



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

*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

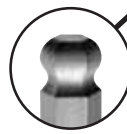
- ProGuard™ Finish -

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

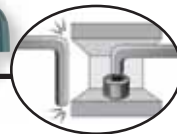
ProGuard™ finish delivers superior corrosion protection



Yellow=Inch  
Red=Metric



Ball End Tips



Stubby fits where others can not

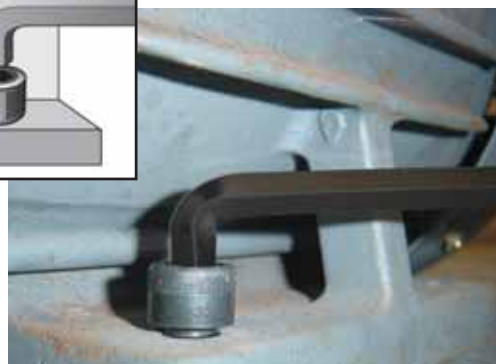
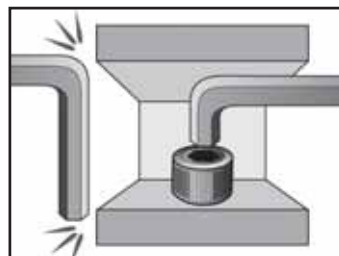
Sets	PART#	MODEL#	PCS	LENGTH	CONTENTS	QTY	LIST
<b>Inch</b>	16538	SBLX10	10	Long	1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"	1	
	16537	SBLX13	13	Long	.050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"	1	
<b>Metric</b>	16592	SBLX7M	7	Long	1.5, 2, 2.5, 3, 4, 5, 6mm	1	
	16599	SBLX9M	9	Long	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm	1	



16599



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



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

# Hex End L-Wrenches

## - ProGuard™ Finish -

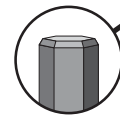
L-Wrenches

- 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	
	12132	HLX8	8	Long	.050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"	1	
	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	
	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	
	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	
	12245	HLX7S	7	Short	5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16"	1	
	12232	HLX8S	8	Short	.050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"	1	
	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	
	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	
	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	

### In Metal 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	
	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	
	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	



12344

### 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	
	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	
	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	
	12345	PHLX7S	7	Short	5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4"	1	
	12338	PHLX10S	10	Short	.035, .050, 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4"	1	
	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	
	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	
	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	
	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	
	25445	PHLX7-12	7	12" Long Arm	5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4"	1	



12347



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

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

For more individual sizes available packaged, in bulk, or singles see page 11

# Hex End L-Wrench Singles

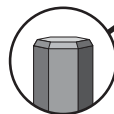
## - ProGuard™ Finish -

- 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



Hex End Tips



PACKAGED

SINGLE PACKAGING

BULK



TAGGED/BARCODED

Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA	PART#	QTY	LIST EA	PART#	QTY	LIST EA
<b>LONG Inch</b>	.028	2.6	66	0.22	6	12100	10		13900	100		15900	10	
	.035	2.7	68	0.34	9	12101	10		13901	100		15901	10	
	.050	2.8	72	0.53	13	12102	10		13902	100		15902	10	
	1/16	3.0	76	0.56	14	12103	10		13903	100		15903	10	
	5/64	3.2	81	0.61	15	12104	10		13904	100		15904	10	
	3/32	3.4	86	0.65	16	12105	10		13905	100		15905	10	
	7/64	3.6	90	0.70	18	12106	10		13906	100		15906	10	
	1/8	3.8	95	0.75	19	12107	10		13907	100		15907	10	
	9/64	4.0	101	0.80	20	12108	10		13908	100		15908	10	
	5/32	4.2	107	0.84	21	12109	10		13909	100		15909	10	
	3/16	4.5	114	0.94	24	12110	10		13910	100		15910	10	
	7/32	4.9	124	1.03	26	12111	5		13911	50		15911	5	
	1/4	5.3	133	1.13	29	12112	5		13912	50		15912	5	
	5/16	6.0	152	1.25	32	12113	5		13913	50		15913	5	
	3/8	6.8	171	1.38	35	12114	5		13914	50		15914	5	
	7/16	7.5	191	1.50	38	12115	1		13915	25		15915	1	
	1/2	8.3	210	1.63	41	12116	1		13916	25		15916	1	
	9/16	9.0	229	1.75	44	12117	1		13917	10		15917	1	
	5/8	9.8	248	1.88	48	12118	1		13918	10		15918	1	
	3/4	11.3	286	2.13	54	12119	1		13919	5		15919	1	
	7/8	12.7	322	2.37	60	12120	1		-	-		-	-	
	1	14.1	359	2.62	67	12121	1		-	-		-	-	
	1 1/4	17.0	432	3.00	76	12125	1		-	-		-	-	
	1 1/2	20.3	514	3.50	89	12129	1		-	-		-	-	



PACKAGED

SINGLE PACKAGING

BULK



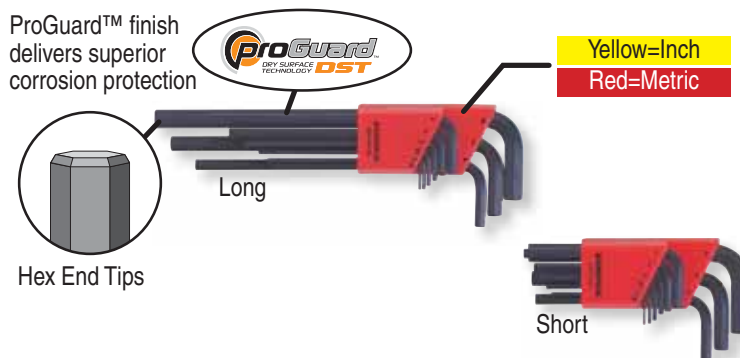
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Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA	PART#	QTY	LIST EA	PART#	QTY	LIST EA
<b>SHORT Inch</b>	.028	1.2	31	0.22	6	12200	10		13800	100		15800	10	
	.035	1.2	31	0.34	9	12201	10		13801	100		15801	10	
	.050	1.6	42	0.53	13	12202	10		13802	100		15802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

For sets and 6" and 12" Long Arm singles see page 10

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

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



Sets	PART#	MODEL#	PCS	LENGTH	CONTENTS	QTY	LIST
<b>Metric</b>	12146	HLX6M	6	Long	1.5, 2, 2.5, 3, 4, 5mm	1	
	12192	HLX7M	7	Long	1.5, 2, 2.5, 3, 4, 5, 6mm	1	
	12199	HLX9M	9	Long	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm	1	
	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	
	12246	HLX6MS	6	Short	1.5, 2, 2.5, 3, 4, 5mm	1	
	12292	HLX7MS	7	Short	1.5, 2, 2.5, 3, 4, 5, 6mm	1	
	12299	HLX9MS	9	Short	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm	1	

### In Metal Box

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



12394

### In Pouch

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



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 13



# Hex End L-Wrench Singles

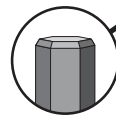
## - ProGuard™ Finish -

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



Hex End Tips



SINGLE PACKAGING  
PACKAGED

BULK



TAGGED/BARCODED

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



SINGLE PACKAGING  
PACKAGED

BULK



TAGGED/BARCODED

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

For sets see page 12

# 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
<b>Inch</b>	48332	HTR8	8	Long	3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"	1	
<b>Metric</b>	48386	HTR6M	6	Long	2.5, 3, 4, 5, 6, 8mm	1	



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



48332

# Tamper Resistant Star Tip L-Wrenches

- ProGuard™ Finish -

- Fits all Star and TORX® brand tamper resistant 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



Tools are in color coded cases for easy recognition  
**Green=Star**



Tamper Resistant Star Tips



Tamper Resistant Star Tips

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



Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA	PART#	QTY	LIST EA
<b>LONG Star</b>	TR6	2.1	55	0.65	16	33406	25		32406	2	
	TR7	2.4	61	0.65	16	33407	25		32407	2	
	TR8	2.6	67	0.65	16	33408	25		32408	2	
	TR9	2.9	74	0.65	16	33409	25		32409	2	
	TR10	3.2	80	0.73	19	33410	25		32410	2	
	TR15	3.3	84	0.78	20	33415	25		32415	2	
	TR20	3.6	91	0.78	20	33420	25		32420	2	
	TR25	3.8	98	0.88	22	33425	25		32425	2	
	TR27	4.2	106	0.95	24	33427	25		32427	2	
	TR30	4.6	116	1.03	26	33430	25		32430	2	
	TR40	4.9	125	1.11	28	33440	25		32440	2	

*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 Star Tip tool finish.

\*TORX® is a registered trademark 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

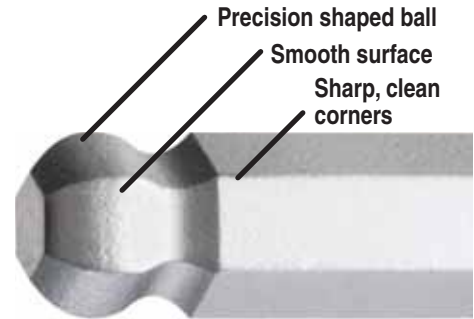
Sets	PART#	MODEL#	PCS	LENGTH	CONTENTS	QTY	LIST
<b>Inch</b>	16938	BLX10B	10	Long	1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"	1	
	16936	BLX12B	12	Long	.050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16"	1	
	16937	BLX13B	13	Long	.050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"	1	
<b>Metric</b>	17046	BLX6MB	6	Extra Long	1.5, 2, 2.5, 3, 4, 5mm	1	
	17092	BLX7MB	7	Extra Long	1.5, 2, 2.5, 3, 4, 5, 6mm	1	
	17099	BLX9MB	9	Extra Long	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm	1	
	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	



17099



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



### Did you know...?

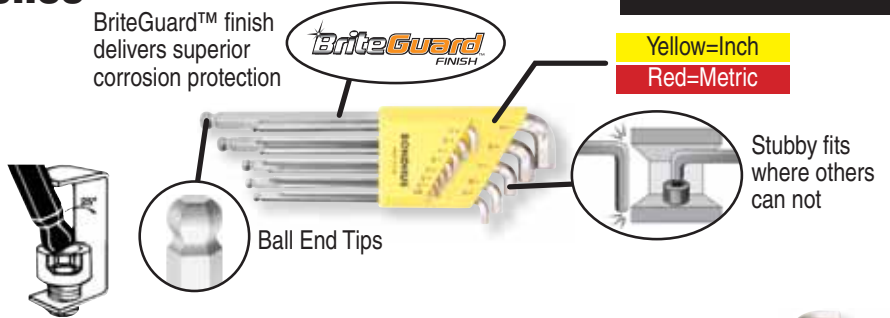
Bondhus Ball End tools feature a consistent 25° working angle. The Ball End feature saves time and tool users can absolutely count on every Bondhus Ball End tool to provide a 25° working angle. Period!

# Stubby Ball End L-Wrenches

- BriteGuard™ Finish -

- Fits into tight spaces standard hex keys can not
- 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



Yellow=Inch  
Red=Metric

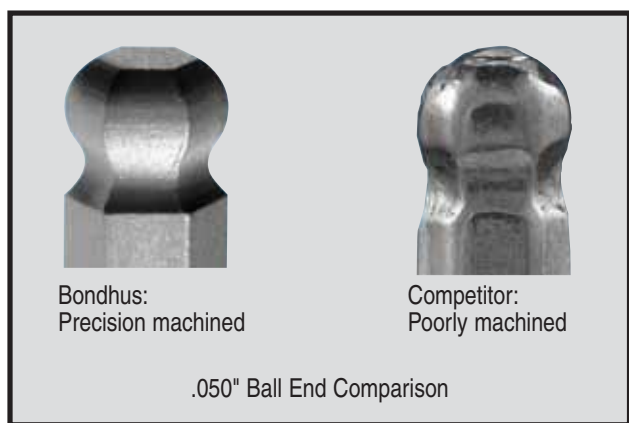
Stubby fits where others can not

Sets	PART#	MODEL#	PCS	LENGTH	CONTENTS	QTY	LIST
<b>Inch</b>	16738	SBLX10B	10	Long	1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"	1	
	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	
<b>Metric</b>	16792	SBLX7MB	7	Extra Long	1.5, 2, 2.5, 3, 4, 5, 6mm	1	
	16799	SBLX9MB	9	Extra Long	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm	1	



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

*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 can not.



.050" Ball End Comparison





# 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



Sets	PART#	MODEL#	PCS	LENGTH	CONTENTS	QTY	LIST
<b>Inch</b>	37938	BLX10G	10	Long	1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"	1	
	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	
	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	
<b>Metric</b>	38046	BLX6MG	6	Long	1.5, 2, 2.5, 3, 4, 5mm	1	
	38092	BLX7MG	7	Long	1.5, 2, 2.5, 3, 4, 5, 6mm	1	
	38099	BLX9MG	9	Long	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm	1	
	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	



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

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

# Hex End L-Wrenches

## - GoldGuard™ 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

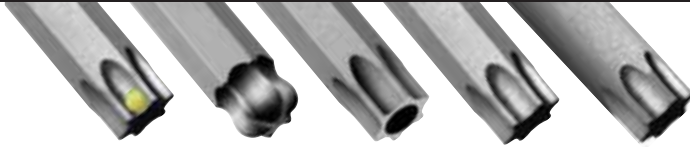
GoldGuard™ finish.  
Real 14 karat Gold



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

Singles	SINGLE PACKAGING				SINGLE PACKAGING				SINGLE PACKAGING				SINGLE PACKAGING										
	SIZE INCH	MM	INCH	MM	PART#	QTY	LIST	EA	PART#	QTY	LIST	EA	PART#	QTY	LIST	EA							
<b>Inch</b>	<b>Long</b>								<b>Short</b>														
	.028	2.6	66	0.22	6	28100	50		38100	10			.028	1.2	31	0.22	6	28200	50		38200	10	
	.035	2.7	68	0.34	9	28101	50		38101	10			.035	1.2	31	0.34	9	28201	50		38201	10	
	.050	2.8	72	0.53	13	28102	50		38102	10			.050	1.6	42	0.53	13	28202	50		38202	10	
	1/16	3.0	76	0.56	14	28103	50		38103	10			1/16	1.8	45	0.56	14	28203	50		38203	10	
	5/64	3.2	81	0.61	15	28104	50		38104	10			5/64	1.9	48	0.61	15	28204	50		38204	10	
	3/32	3.4	86	0.65	16	28105	50		38105	10			3/32	2.0	51	0.65	16	28205	50		38205	10	
	7/64	3.6	90	0.70	18	28106	50		38106	10			7/64	2.1	54	0.70	18	28206	50		38206	10	
	1/8	3.8	95	0.75	19	28107	50		38107	10			1/8	2.3	58	0.75	19	28207	50		38207	10	
	9/64	4.0	101	0.80	20	28108	50		38108	10			9/64	2.4	61	0.80	20	28208	50		38208	10	
	5/32	4.2	107	0.84	21	28109	50		38109	10			5/32	2.5	64	0.84	21	28209	50		38209	10	
	3/16	4.5	114	0.94	24	28110	50		38110	10			3/16	2.8	70	0.94	24	28210	50		38210	10	
	7/32	4.9	124	1.03	26	28111	25		38111	5			7/32	3.0	77	1.03	26	28211	25		38211	5	
	1/4	5.3	133	1.13	29	28112	25		38112	5			1/4	3.3	83	1.13	29	28212	25		38212	5	
	5/16	6.0	152	1.25	32	28113	25		38113	5			5/16	3.8	96	1.25	32	28213	25		38213	5	
	3/8	6.8	171	1.38	35	28114	25		38114	5			3/8	4.3	108	1.38	35	28214	25		38214	5	
	7/16	7.5	191	1.50	38	-	-		38115	1			7/16	4.8	121	1.50	38	-	-		38215	1	
	1/2	8.3	210	1.63	41	-	-		38116	1			1/2	5.3	133	1.63	41	-	-		38216	1	
9/16	9.0	229	1.75	44	-	-		38117	1			9/16	5.8	146	1.75	44	-	-		38217	1		
5/8	9.8	248	1.88	48	-	-		38118	1			5/8	6.3	159	1.88	48	-	-		38218	1		
3/4	11.3	286	2.13	54	-	-		38119	1			3/4	7.3	184	2.13	54	-	-		38219	1		
<b>Metric</b>	<b>Long</b>								<b>Short</b>														
	.71	2.6	66	0.22	6	29147	50		39147	10			.71	1.2	31	0.22	6	28247	50		38247	10	
	.89	2.7	68	0.34	9	29148	50		39148	10			.89	1.2	31	0.34	9	28248	50		38248	10	
	1.27	2.8	72	0.53	13	29149	50		39149	10			1.27	1.6	42	0.53	13	28249	50		38249	10	
	1.5	3.0	77	0.53	14	29150	50		39150	10			1.5	1.7	44	0.53	14	28250	50		38250	10	
	2.0	3.2	82	0.61	16	29152	50		39152	10			2.0	1.9	49	0.61	16	28252	50		38252	10	
	2.5	3.5	88	0.69	17	29154	50		39154	10			2.5	2.1	54	0.69	17	28254	50		38254	10	
	3.0	3.9	98	0.75	19	29156	50		39156	10			3.0	2.4	61	0.75	19	28256	50		38256	10	
	3.5	3.9	100	0.85	21	29158	50		39158	1			3.5	2.6	65	0.85	21	28258	50		38258	1	
	4.0	4.3	110	0.87	22	29160	50		39160	10			4.0	2.7	68	0.87	22	28260	50		38260	10	
	4.5	4.5	114	1.00	25	29162	50		39162	1			4.5	2.9	73	1.00	25	28262	50		38262	1	
	5.0	4.7	119	1.06	27	29164	50		39164	5			5.0	3.1	78	1.06	27	28264	50		38264	5	
	5.5	4.9	124	1.14	29	29166	25		39166	1			5.5	3.3	83	1.14	29	28266	25		38266	1	
	6	5.5	139	1.22	31	29168	25		39168	5			6	3.5	88	1.22	31	28268	25		38268	5	
	7	5.5	140	1.30	33	29170	25		39170	1			7	3.7	93	1.30	33	28270	25		38270	1	
	8	6.0	152	1.38	35	29172	25		39172	5			8	3.9	98	1.38	35	28272	25		38272	5	
	9	6.2	159	1.46	37	29174	25		39174	1			9	4.0	102	1.46	37	28274	25		38274	1	
	10	6.7	171	1.54	39	29176	10		39176	5			10	4.3	109	1.54	39	28276	10		38276	5	
11	7.9	200	1.63	42	29178	10		39178	1			11	4.5	115	1.63	42	28278	10		38278	1		
12	8.7	220	1.73	44	29180	10		39180	1			12	4.8	122	1.73	44	28280	10		38280	1		
14	10.2	260	2.15	55	-	-		39184	1			14	5.4	136	2.15	55	-	-		38284	1		
17	11.0	280	2.42	61	-	-		39186	1			17	6.1	156	2.42	61	-	-		38286	1		
19	11.6	295	2.70	69	-	-		39188	1			19	6.9	175	2.72	69	-	-		38288	1		

# Star Tip Tools



Color Coded  
■ Star

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



High Torque Steel:

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

## FINISH OPTIONS:

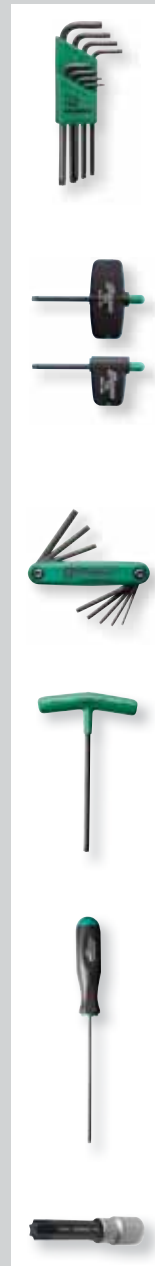


Corrosion-resistant finish:

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

## Bondhus Star Tip Tools

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



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\*TORX® is a registered trademark of Acument Intellectual Properties, LLC

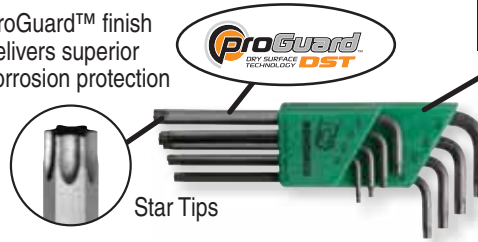


# Star Tip L-Wrenches

## - ProGuard™ Finish -

- Fits all Star and TORX® brand 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



## L-Wrenches

Tools are in color coded cases for easy recognition  
Green=Star

Sets	PART#	MODEL#	PCS	LENGTH	CONTENTS	QTY	LIST
Star	31832	TLX8S	8	Long	T6, T7, T8, T9, T10, T15, T20, T25	1	
	31834	TLX8	8	Long	T9, T10, T15, T20, T25, T27, T30, T40	1	
	31732	TLXS8S	8	Short	T6, T7, T8, T9, T10, T15, T20, T25	1	
	31734	TLXS8	8	Short	T9, T10, T15, T20, T25, T27, T30, T40	1	
	12699	TLX9S	9	Short	T10, T15, T20, T25, T27, T30, T40, T45, T50 (in pouch)	1	
	31737	TLX13S	13	Short	T7, T8, T9, T10, T15, T20, T25, T27, T30, T40, T45, T50, T55 (in pouch)	1	



Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST	EA	PART#	QTY	LIST	EA	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST	EA	PART#	QTY	LIST	EA
Star	T6	2.1	55	0.65	16	32806	25			31806	5			T5	0.9	23	0.65	16	32705	25			31705	5		
	T7	2.4	61	0.65	16	32807	25			31807	5			T6	1.1	29	0.65	16	32706	25			31706	5		
	T8	2.6	67	0.65	16	32808	25			31808	5			T7	1.4	35	0.65	16	32707	25			31707	5		
	T9	2.9	74	0.65	16	32809	25			31809	5			T8	1.6	42	0.65	16	32708	25			31708	5		
	T10	3.2	80	0.73	19	32810	25			31810	5			T9	1.9	48	0.65	16	32709	25			31709	5		
	T15	3.3	84	0.78	20	32815	25			31815	5			T10	2.2	55	0.73	19	32710	25			31710	5		
	T20	3.6	91	0.78	20	32820	25			31820	5			T15	2.3	59	0.78	20	32715	25			31715	5		
	T25	3.8	98	0.88	22	32825	25			31825	5			T20	2.6	66	0.78	20	32720	25			31720	5		
	T27	4.2	106	0.95	24	32827	25			31827	5			T25	2.8	72	0.88	22	32725	25			31725	5		
	T30	4.6	116	1.03	26	32830	25			31830	5			T27	3.2	81	0.95	24	32727	25			31727	5		
	T40	4.9	125	1.11	28	32840	25			31840	5			T30	3.6	90	1.03	26	32730	25			31730	5		
	T45	5.4	138	1.20	30	32845	10			31845	2			T40	3.9	99	1.11	28	32740	25			31740	5		
	T50	6.2	156	1.25	32	32850	10			31850	2			T45	3.9	98	1.20	30	32745	10			31745	2		
	T55	6.7	171	1.36	34	32855	10			31855	2			T50	3.8	97	1.25	32	32750	10			31750	2		
	T60	7.2	182	1.75	44	32860	10			31860	2			T55	3.8	95	1.36	34	32755	10			31755	2		
														T60	3.7	93	1.75	44	32760	10			31760	2		

# ProHold® Star Tip L-Wrenches

## - ProGuard™ Finish -

- Fits all Star and TORX® brand screws
- Holds screw tight on the tool EVERY TIME
- Button is non-magnetic
- Precision machined for ease of use and superior fit

ProGuard™ finish delivers superior corrosion protection



Tools are in color coded cases for easy recognition  
Green=Star

Set	PART#	MODEL#	PCS	LENGTH	CONTENTS	QTY	LIST
Star	71834	PHTX8	8	Long	T9, T10, T15, T20, T25, T27, T30, T40	1	



Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST	EA	PART#	QTY	LIST	EA
LONG Star	T9	2.9	74	0.65	16	72809	25			71809	5		
	T10	3.2	80	0.73	19	72810	25			71810	5		
	T15	3.3	84	0.78	20	72815	25			71815	5		
	T20	3.6	91	0.78	20	72820	25			71820	5		
	T25	3.8	98	0.88	22	72825	25			71825	5		
	T27	4.2	106	0.95	24	72827	25			71827	5		
	T30	4.6	116	1.03	26	72830	25			71830	5		
	T40	4.9	125	1.11	28	72840	25			71840	5		
	T45	5.4	138	1.20	30	72845	10			71845	2		
	T50	6.2	156	1.25	32	72850	10			71850	2		
	T55	6.7	171	1.36	34	72855	10			71855	2		
	T60	7.2	182	1.75	44	72860	10			71860	2		

*Did you know...?*  
Bondhus Star Tip tools fit Star, Star Plus and TORX® brand screws.

\*TORX® is a registered trademark of Acument Intellectual Properties, LLC

# BallStar™ Tip L-Wrenches

## - ProGuard™ Finish -

- Fits all Star and TORX® brand 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
Star	11346	LTX6	6	Long	T6, T7, T8, T9, T10, T15	1	
	11331	LTX8S	8	Long	T6, T7, T8, T9, T10, T15, T20, T25	1	
	11332	LTX8	8	Long	T9, T10, T15, T20, T25, T27, T30, T40	1	



Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA
LONG Star	T6	2.1	55	0.65	16	11706	5	
	T7	2.4	61	0.65	16	11707	5	
	T8	2.6	67	0.65	16	11708	5	
	T9	2.9	74	0.65	16	11709	5	
	T10	3.2	80	0.73	19	11710	5	
	T15	3.3	84	0.78	20	11715	5	
	T20	3.6	91	0.78	20	11720	5	
	T25	3.8	98	0.88	22	11725	5	
	T27	4.2	106	0.95	24	11727	5	
	T30	4.6	116	1.03	26	11730	5	
	T40	4.9	125	1.11	28	11740	5	
	T45	5.4	138	1.20	30	11745	1	
	T50	6.2	156	1.25	32	11750	1	
	T55	6.7	171	1.36	34	11755	1	

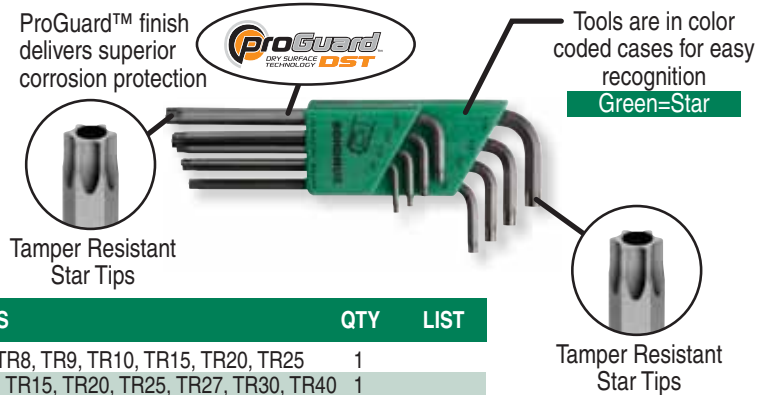
### Did you know...?

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 Star Tip L-Wrenches

## - ProGuard™ Finish -

- Fits all Star and TORX® brand tamper resistant 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



Sets	PART#	MODEL#	PCS	LENGTH	CONTENTS	QTY	LIST
Star	32432	TR-TL8S	8	Long	TR6, TR7, TR8, TR9, TR10, TR15, TR20, TR25	1	
	32434	TR-TL8	8	Long	TR9, TR10, TR15, TR20, TR25, TR27, TR30, TR40	1	



Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA	PART#	QTY	LIST EA
LONG Star	TR6	2.1	55	0.65	16	33406	25		32406	2	
	TR7	2.4	61	0.65	16	33407	25		32407	2	
	TR8	2.6	67	0.65	16	33408	25		32408	2	
	TR9	2.9	74	0.65	16	33409	25		32409	2	
	TR10	3.2	80	0.73	19	33410	25		32410	2	
	TR15	3.3	84	0.78	20	33415	25		32415	2	
	TR20	3.6	91	0.78	20	33420	25		32420	2	
	TR25	3.8	98	0.88	22	33425	25		32425	2	
	TR27	4.2	106	0.95	24	33427	25		32427	2	
	TR30	4.6	116	1.03	26	33430	25		32430	2	
	TR40	4.9	125	1.11	28	33440	25		32440	2	

### 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® is a registered trademark of Acument Intellectual Properties, LLC

# Star Tip Wing Tools

## - ProGuard™ Finish -

- Fits all Star, Star Plus, and TORX®\* brand screws
- ComfortGrip Handles – soft rubber outer coating for maximum comfort and grip
- Chamfered tool tips eliminate burrs and help tools seat in screw head

# Wing and Flag Tools

ProGuard™ finish delivers superior corrosion protection



Sets	PART#	MODEL#	PCS	TIP	CONTENTS	QTY	LIST
<b>Star</b>	34745	TWX7	7	Star	T6, T7, T8, T9, T10, T15, T20	1	
	33945	TPWX7	7	Star Plus	TP6, TP7, TP8, TP9, TP10, TP15, TP20	1	



Singles	SIZE	INCH	MM	PART#	QTY	LIST EA
<b>Star</b>						
	T6	1.5	39	34706	2	
	T7	1.5	39	34707	2	
	T8	1.5	39	34708	2	
	T9	1.5	39	34709	2	
	T10	1.5	39	34710	2	
	T15	1.5	39	34715	2	
	T20	1.5	39	34720	2	

Singles	SIZE	INCH	MM	PART#	QTY	LIST EA
<b>Star Plus</b>						
	TP6	2.0	52	33906	2	
	TP7	2.0	52	33907	2	
	TP8	2.0	52	33908	2	
	TP9	2.0	52	33909	2	
	TP10	2.0	52	33910	2	
	TP15	2.0	52	33915	2	
	TP20	2.0	52	33920	2	



# Star Tip Flag Tools

## - ProGuard™ Finish -

- Fits all Star, Star Plus, and TORX®\* brand screws
- ComfortGrip Handles – soft rubber outer coating for maximum comfort and grip
- Chamfered tool tips eliminate burrs and help tools seat in screw head

ProGuard™ finish delivers superior corrosion protection



Sets	PART#	MODEL#	PCS	TIP	CONTENTS	QTY	LIST
<b>Star</b>	34445	TFX7	7	Star	T6, T7, T8, T9, T10, T15, T20	1	
	35045	TPFX7	7	Star Plus	TP6, TP7, TP8, TP9, TP10, TP15, TP20	1	



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

Singles	SIZE	INCH	MM	PART#	QTY	LIST EA
<b>Star Plus</b>						
	-	-	-	-	-	-
	TP6	2.0	52	35006	2	
	TP7	2.0	52	35007	2	
	TP8	2.0	52	35008	2	
	TP9	2.0	52	35009	2	
	TP10	2.0	52	35010	2	
	TP15	2.0	52	35015	2	
	TP20	2.0	52	35020	2	









\*TORX® is a registered trademark of Acument Intellectual Properties, LLC

# 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
-  Star
-  Inch/Metric
-  Motorcycle
-  Utility



## High Torque Steel:

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

## FINISH OPTIONS:



### Corrosion-resistant finish:

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



### Next generation chrome finish:

Traditional plated tool look with superior protection and durability.



### Real 14 karat gold finish:

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

## 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.



# GorillaGrip® Fold Up Multi Packs

## - ProGuard™ Finish -

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

Inch	Metric	Star



PART#	MODEL#	PCS	CONTENTS	QTY	LIST
12522	HF16	16	12589 (5/64-1/4") + 12587 (2-8mm)	1	
12544	HF15	15	12587 (2-8mm) + 12634 (T9-T40)	1	
12533	HF24	24	12589 (5/64-1/4") + 12587 (2-8mm) + 12634 (T9-T40)	1	

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



ProGuard™ finish delivers superior corrosion protection

Yellow=Inch
Red=Metric
Orange=Inch/Metric

Hex End Tips



Sets	PART#	MODEL#	PCS	CONTENTS	QTY	LIST
<b>Inch</b>	12591	HF9S	9	.050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16"	1	
	12589	HF9	9	5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"	1	
	12585	HF5	5	3/16, 7/32, 1/4, 5/16, 3/8"	1	
<b>Metric</b>	12592	HF7MS	7	1.5, 2, 2.5, 3, 4, 5, 6mm	1	
	12587	HF7M	7	2, 2.5, 3, 4, 5, 6, 8mm	1	
	12595	HF6M	6	3, 4, 5, 6, 8, 10mm	1	
<b>Inch/Metric</b>	12550	HF12	12	5/64, 3/32, 7/64, 1/8, 9/64, 5/32" 1.5, 2, 2.5, 3, 4, 5mm	1	

12587

12550

# 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



ProGuard™ finish delivers superior corrosion protection

Yellow=Inch
Red=Metric

Ball End Tips

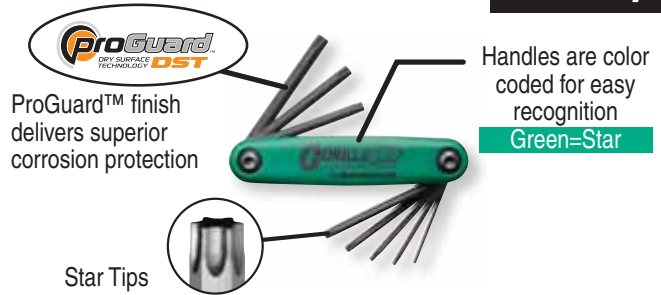


Sets	PART#	MODEL#	PCS	CONTENTS	QTY	LIST
<b>Inch</b>	12894	BF5	5	3/16, 7/32, 1/4, 5/16, 3/8"	1	
<b>Metric</b>	12897	BF5M	5	5, 6, 7, 8, 10mm	1	

12894

## Star Tip GorillaGrip® Fold Ups - ProGuard™ Finish -

- Fits all Star and TORX® brand 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
Star	12632	TF8S	8	T6, T7, T8, T9, T10, T15, T20, T25	1	
	12634	TF8	8	T9, T10, T15, T20, T25, T27, T30, T40	1	

## Tamper Resistant GorillaGrip® Star Tip Fold Ups - ProGuard™ Finish -

- Fits all Star and TORX® brand 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
Star	12636	TR-TF7S	7	TR7, TR8, TR9, TR10, TR15, TR20, TR25	1	
	12638	TR-TF8	8	TR9, TR10, TR15, TR20, TR25, TR27, TR30, TR40	1	

## 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



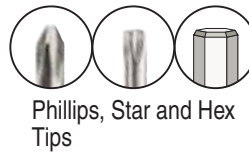
Sets	PART#	MODEL#	PCS	CONTENTS	QTY	LIST
Utility	12540	HFU5	5	PH #1; Slotted 3/16"; Hex 4, 5, 6mm	1	
	12543	RFU5	5	PH #1, #2; Slotted 3/16"; Square #1, #2	1	
	12545	AFU5	5	PH #1, #2; Slotted 1/8, 3/16"; Awl	1	
	12547	FU5	5	PH #1, #2; Slotted 1/8, 3/16, 1/4"	1	

\*TORX® is a registered trademark of Acument Intellectual Properties, LLC

# 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; Star T27, T40; Hex 5/32, 3/16, 1/4, 5/16"	1	

# Cycle Buddy GorillaGrip® Motorcycle Fold Up

## - GoldGuard™ Finish -

- Designed for making all common adjustments to Japanese/European motorcycles
- 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	

# Metal Fold Ups

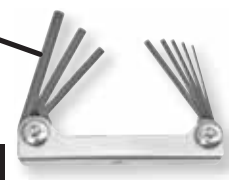
## - ProGuard™ Finish -

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



**ProGuard**  
DRY SURFACE TECHNOLOGY DST

ProGuard™ finish delivers superior corrosion protection



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

# 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
-  Star



High Torque Steel:

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

## FINISH OPTIONS:

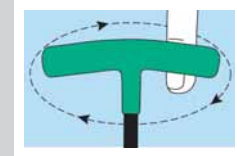


Corrosion-resistant finish:

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.



# Ball End T-Handles - ProGuard™ Finish -

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

ProGuard™ finish delivers superior corrosion protection



Ball End Tips

# T-Handles

Handles are color coded for easy recognition

Yellow=Inch  
Red=Metric

Sets	PART#	MODEL#	PCS	LENGTH	W/STAND	CONTENTS	QTY	LIST
<b>Inch</b>	13146	BTX60	6	Graduated		5/32, 3/16, 7/32, 1/4, 5/16, 3/8"	1	
	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	
	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	
<b>Metric</b>	13148	BTX50M	5	Graduated		4, 5, 6, 8, 10mm	1	
	13189*	BTX80M/S	8	Graduated	✓	2, 2.5, 3, 4, 5, 6, 8, 10mm	1	
	13187*	BTX80M	8	Graduated		2, 2.5, 3, 4, 5, 6, 8, 10mm	1	

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



Singles	SIZE	INCH	MM	INCH	MM	SINGLE PACKAGING			PACKAGED			TAGGED/BARCODED			
						PART#	QTY	LIST EA	PART#	QTY	LIST EA	PART#	QTY	LIST EA	
<b>Inch</b>	3/32	6.1	154	3.0	76	13205 Hex*	2		53205 Hex*	2					
	7/64	6.8	173	3.0	76	13206 Hex*	2		53206 Hex*	2					
	1/8	7.6	192	3.0	76	13207 Hex*	2		53207 Hex*	2					
	9/64	8.3	211	3.0	76	13208 Hex*	2		53208 Hex*	2					
	5/32	9.1	231	3.0	76	13109	2		53109	2					
	3/16	9.8	250	4.0	102	13110	2		53110	2					
	7/32	10.3	262	4.0	102	13111	2		53111	2					
	1/4	10.8	275	4.0	102	13112	2		53112	2					
	5/16	11.4	289	5.0	127	13113	2		53113	2					
	3/8	11.8	300	5.0	127	13114	2		53114	2					
<b>Metric</b>	2.0	5.9	150	3.0	76	13252 Hex*	2		53252 Hex*	2					
	2.5	6.8	172	3.0	76	13254 Hex*	2		53254 Hex*	2					
	3.0	7.7	196	3.0	76	13256 Hex*	2		53256 Hex*	2					
	4.0	8.7	220	3.0	76	13160	2		53160	2					
	5.0	9.7	246	4.0	102	13164	2		53164	2					
	6	10.5	266	4.0	102	13168	2		53168	2					
	8	11.2	285	5.0	127	13172	2		53172	2					
	10	12.1	307	5.0	127	13176	2		53176	2					

\*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.



13189

13190



13148

## 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 Star configurations

PART#	DESCRIPTION	QTY	LIST EA
17936	Inch Stand	1	
17935	Metric Stand	1	
17934	Star Stand	1	



Set stand on bench or mount on wall.

### 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
<b>Inch</b>	75146	PBTX60	6	Graduated		5/32, 3/16, 7/32, 1/4, 5/16, 3/8"	1	
<b>Metric</b>	75148	PBTX50M	5	Graduated		4, 5, 6, 8, 10mm	1	



Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA
<b>Inch</b>	5/32	9.1	231	3.0	76	75109	2	
	3/16	9.8	250	4.0	102	75110	2	
	7/32	10.3	262	4.0	102	75111	2	
	1/4	10.8	275	4.0	102	75112	2	
	5/16	11.4	289	5.0	127	75113	2	
	3/8	11.8	300	5.0	127	75114	2	
<b>Metric</b>	4.0	8.7	220	3.0	76	75160	2	
	5.0	9.7	246	4.0	102	75164	2	
	6	10.5	266	4.0	102	75168	2	
	8	11.2	285	5.0	127	75172	2	
	10	12.1	307	5.0	127	75176	2	



75148

Bondhus also has loop T-Handles available. Please call for price and availability.



# 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
<b>Inch</b>	13332	HTX80	8	Graduated		3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"	1	
	15232	HTX80-6	8	6 inch		3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"	1	
	15332	HTX80-9	8	9 inch		3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"	1	
	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	
	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	
	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	
	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	
	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	
	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	
	<b>Metric</b>	13348	HTX60M	6	Graduated		2, 2.5, 3, 4, 5, 6mm	1
15248		HTX60M-6	6	6 inch		2, 2.5, 3, 4, 5, 6mm	1	
15348		HTX60M-9	6	9 inch		2, 2.5, 3, 4, 5, 6mm	1	
13389		HTX80M/S	8	Graduated	✓	2, 2.5, 3, 4, 5, 6, 8, 10mm	1	
13387		HTX80M	8	Graduated		2, 2.5, 3, 4, 5, 6, 8, 10mm	1	
15289		HTX80M/S-6	8	6 inch	✓	2, 2.5, 3, 4, 5, 6, 8, 10mm	1	
15287		HTX80M-6	8	6 inch		2, 2.5, 3, 4, 5, 6, 8, 10mm	1	
15389		HTX80M/S-9	8	9 inch	✓	2, 2.5, 3, 4, 5, 6, 8, 10mm	1	
15387		HTX80M-9	8	9 inch		2, 2.5, 3, 4, 5, 6, 8, 10mm	1	

✓ 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 32

# Hex End T-Handle Singles

## - ProGuard™ Finish -

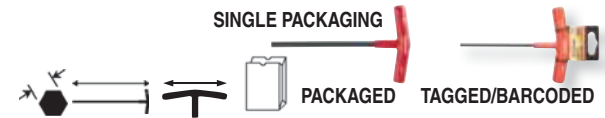
- Solid steel handles
- Welded handle/blade connection
- Ergonomic handle design
- Flywheel effect saves time
- Smooth, non-porous handle coating
- Handle coating extends along blade



# T-Handles



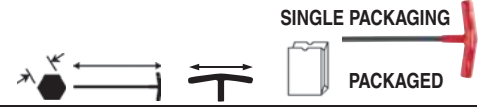
Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST	EA	PART#	QTY	LIST	EA
<b>6" Length</b>													
<b>Inch</b>	3/32	6.0	152	3.0	76	15205	2			45205	2		
	7/64	6.0	152	3.0	76	15206	2			45206	2		
	1/8	6.0	152	3.0	76	15207	2			45207	2		
	9/64	6.0	152	3.0	76	15208	2			45208	2		
	5/32	6.0	152	3.0	76	15209	2			45209	2		
	3/16	6.0	152	4.0	102	15210	2			45210	2		
	7/32	6.0	152	4.0	102	15211	2			45211	2		
	1/4	6.0	152	4.0	102	15212	2			45212	2		
	5/16	6.0	152	5.0	127	15213	2			45213	2		
	3/8	6.0	152	5.0	127	15214	2			45214	2		
	1/2	6.0	152	5.0	127	15216	1			45216	1		



Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST	EA	PART#	QTY	LIST	EA
<b>6" Length</b>													
<b>Metric</b>	2.0	6.0	152	3.0	76	15252	2			45252	2		
	2.5	6.0	152	3.0	76	15254	2			45254	2		
	3.0	6.0	152	3.0	76	15256	2			45256	2		
	4.0	6.0	152	3.0	76	15260	2			45260	2		
	5.0	6.0	152	4.0	102	15264	2			45264	2		
	6	6.0	152	4.0	102	15268	2			45268	2		
	7	6.0	152	4.0	102	15270	2			-	-		
	8	6.0	152	5.0	127	15272	2			45272	2		
	9	6.0	152	5.0	127	15274	2			-	-		
	10	6.0	152	5.0	127	15276	2			45276	2		



Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST	EA
<b>9" Length</b>									
<b>Inch</b>	3/32	9.0	229	3.0	76	15305	2		
	7/64	9.0	229	3.0	76	15306	2		
	1/8	9.0	229	3.0	76	15307	2		
	9/64	9.0	229	3.0	76	15308	2		
	5/32	9.0	229	3.0	76	15309	2		
	3/16	9.0	229	4.0	102	15310	2		
	7/32	9.0	229	4.0	102	15311	2		
	1/4	9.0	229	4.0	102	15312	2		
	5/16	9.0	229	5.0	127	15313	2		
	3/8	9.0	229	5.0	127	15314	2		
	1/2	9.0	229	5.0	127	15316	1		
<b>Graduated Length</b>									
<b>Inch</b>	3/32	4.2	105	3.0	76	13305	2		
	7/64	4.4	112	3.0	76	13306	2		
	1/8	4.6	118	3.0	76	13307	2		
	9/64	4.9	124	3.0	76	13308	2		
	5/32	5.2	132	3.0	76	13309	2		
	3/16	5.6	141	4.0	102	13310	2		
	7/32	6.1	154	4.0	102	13311	2		
	1/4	6.5	165	4.0	102	13312	2		
	5/16	7.4	189	5.0	127	13313	2		
	3/8	8.3	211	5.0	127	13314	2		



Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST	EA	
<b>9" Length</b>										
<b>Metric</b>	2.0	9.0	229	3.0	76	15352	2			
	2.5	9.0	229	3.0	76	15354	2			
	3.0	9.0	229	3.0	76	15356	2			
	4.0	9.0	229	3.0	76	15360	2			
	5.0	9.0	229	4.0	102	15364	2			
	6	9.0	229	4.0	102	15368	2			
	8	9.0	229	5.0	127	15372	2			
	10	9.0	229	5.0	127	15376	2			
	<b>14" Length</b>									
	<b>Metric</b>	3.0	14	356	3.0	76	16456	1		
		4.0	14	356	3.0	76	16460	1		
5.0		14	356	4.0	102	16464	1			
6		14	356	4.0	102	16468	1			
8	14	356	5.0	127	16472	1				
<b>Graduated Length</b>										
<b>Metric</b>	2.0	4.0	100	3.0	76	13352	2			
	2.5	4.3	110	3.0	76	13354	2			
	3.0	4.7	120	3.0	76	13356	2			
	4.0	5.3	136	3.0	76	13360	2			
	5.0	5.9	150	4.0	102	13364	2			
	6	6.8	173	4.0	102	13368	2			
	8	7.9	202	5.0	127	13372	2			
	10	9.1	232	5.0	127	13376	2			

For sets see page 31

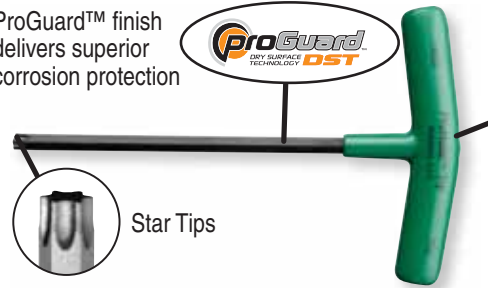


# Star Tip T-Handles

## - ProGuard™ Finish -

- Fits all Star and TORX® brand 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

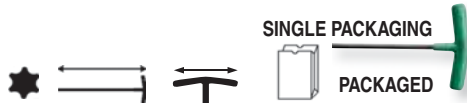


Handles are color coded for easy recognition  
Green=Star



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

✓ Comes with stand 17934



Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA
Star	T9	6.1	155	3.0	76	33009	2	
	T10	6.4	161	3.0	76	33010	2	
	T15	6.6	168	3.0	76	33015	2	
	T20	6.9	174	3.0	76	33020	2	
	T25	7.1	180	3.0	76	33025	2	
	T27	7.4	187	4.0	102	33027	2	
	T30	7.6	193	4.0	102	33030	2	
	T40	7.9	199	4.0	102	33040	2	
	T45	8.1	206	5.0	127	33045	2	
	T50	8.4	212	5.0	127	33050	2	
T55	8.6	218	5.0	127	33055	2		

*Did you know...?*

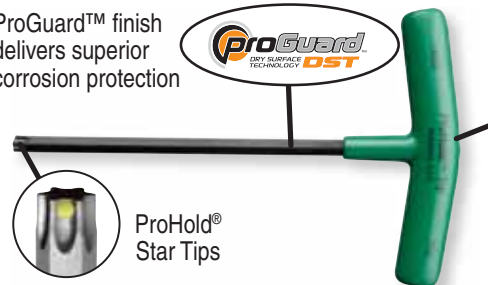
Bondhus Star Tip and Star Plus Tip tools fit Star, Star Plus and TORX® brand screws.

# ProHold® Star Tip T-Handles

## - ProGuard™ Finish -

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

ProGuard™ finish delivers superior corrosion protection

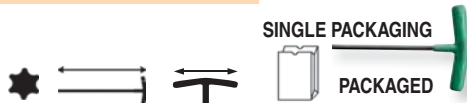


Handles are color coded for easy recognition  
Green=Star



Set	PART#	MODEL#	PCS	LENGTH	W/STAND	CONTENTS	QTY	LIST
Star	74034	PHTTHX8	8	Graduated	✓	T9, T10, T15, T20, T25, T27, T30, T40	1	

✓ Comes with stand 17934



Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA
Star	T9	6.1	155	3.0	76	74009	2	
	T10	6.4	161	3.0	76	74010	2	
	T15	6.6	168	3.0	76	74015	2	
	T20	6.9	174	3.0	76	74020	2	
	T25	7.1	180	3.0	76	74025	2	
	T27	7.4	187	4.0	102	74027	2	
	T30	7.6	193	4.0	102	74030	2	
	T40	7.9	199	4.0	102	74040	2	
	T45	8.1	206	5.0	127	74045	2	
	T50	8.4	212	5.0	127	74050	2	
T55	8.6	218	5.0	127	74055	2		

*Did you know...?*

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

\*TORX® is a registered trademark 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
- Star



#### High Torque Steel:

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

#### FINISH OPTIONS:



#### Corrosion-resistant finish:

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



#### Next generation chrome finish:

Traditional plated tool look with superior protection and durability.



#### Real 14 karat gold finish:

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

## Attention to Detail

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



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



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



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



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

# 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



Handles are color coded for easy recognition

- Yellow=Inch
- Red=Metric



10637

Sets	PART#	MODEL#	PCS	LENGTH	CONTENTS	QTY	LIST
<b>Inch</b>	10645	BSX7	7	Standard	5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16"	1	
	10632	BSX8S	8	Standard	.050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"	1	
	10633	BSX8	8	Standard	7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16"	1	
	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	
	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	
<b>Metric</b>	10686	BSX6M	6	Standard	1.5, 2, 2.5, 3, 4, 5mm	1	
	10687	BSX7M	7	Standard	1.27, 1.5, 2, 2.5, 3, 4, 5mm	1	
	10699	BSX9M	9	Standard	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm	1	
	10733	BSX8ML	8	Long	2, 2.5, 3, 4, 5, 6, 8, 10mm	1	

Singles	SIZE	INCH	MM	INCH	MM	SINGLE PACKAGING			SINGLE PACKAGING				
						PACKAGED	TAGGED/BARCODED	PACKAGED	PACKAGED	TAGGED/BARCODED	PACKAGED		
	PART#	QTY	LIST	EA	PART#	QTY	LIST	EA	PART#	QTY	LIST	EA	
<b>Inch</b>	<b>Standard</b>					<b>Long</b>							
	.050	2.4	60	4.1	104	10602	2			40602	2		
	1/16	2.5	64	4.7	118	10603	2			40603	2		
	5/64	2.6	67	4.8	122	10604	2			40604	2		
	3/32	2.8	71	5.2	132	10605	2			40605	2		
	7/64	2.9	74	5.3	136	10606	2			40606	2		
	1/8	3.1	80	6.6	168	10607	2			40607	2		
	9/64	3.3	83	6.8	171	10608	2			40608	2		
	5/32	3.6	91	7.9	201	10609	2			40609	2		
	3/16	3.7	94	8.0	204	10610	2			40610	2		
	7/32	4.2	107	9.0	230	10611	2			40611	2		
	1/4	5.0	126	9.8	249	10612	2			40612	2		
	5/16	5.6	142	10.4	265	10613	2			40613	2		
	3/8	6.5	164	11.3	287	10614	2			40614	2		
	7/16	7.6	194	12.5	317	10615	1			-	-		
	1/2	8.6	217	13.4	340	10616	1			-	-		
<b>Metric</b>	<b>Standard</b>					<b>Long</b>							
	1.27	2.4	60	4.1	104	10649	2			40649	2		
	1.5	2.6	66	4.7	120	10650	2			40650	2		
	2.0	2.8	72	5.0	127	10652	2			40652	2		
	2.5	2.7	69	5.1	130	10654	2			40654	2		
	3.0	3.3	83	6.7	171	10656	2			40656	2		
	3.5	3.5	88	6.9	176	10658	1			-	-		
	4.0	3.7	95	8.1	205	10660	2			40660	2		
	4.5	4.3	109	8.6	218	10662	1			-	-		
	5.0	4.3	109	8.6	219	10664	2			40664	2		
	5.5	5.0	126	9.3	236	10666	1			-	-		
	6	5.4	137	10.2	260	10668	2			40668	2		
	7	5.7	145	10.5	268	10670	1			-	-		
	8	6.4	162	11.2	286	10672	2			40672	2		
	9	6.9	175	11.7	298	10674	1			-	-		
	10	7.3	184	12.1	307	10676	2			40676	2		

For Extra Long and Custom Length singles see page 36

# 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

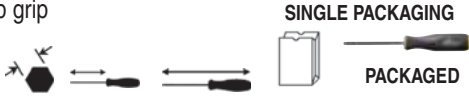
ProGuard™ finish delivers superior corrosion protection



Handles are color coded for easy recognition

Yellow=Inch

Red=Metric



SINGLE PACKAGING

PACKAGED



SINGLE PACKAGING

PACKAGED

Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA	SIZE	PART#	QTY	LIST EA	
<b>Inch</b>	<b>Extra Long</b>					<b>Custom Length</b>							Customer must specify "out of handle length"
	.050	11.1	283	12.8	326	3702	1		.050	193102	1		
	1/16	11.1	281	13.2	336	3703	1		1/16	193103	1		
	5/64	11.0	279	13.2	334	3704	1		5/64	193104	1		
	3/32	11.0	279	13.4	341	3705	1		3/32	193105	1		
	7/64	10.6	270	13.0	331	3706	1		7/64	193106	1		
	1/8	10.6	270	14.1	358	3707	1		1/8	193107	1		
	9/64	10.5	267	14.0	355	3708	1		9/64	193108	1		
	5/32	10.5	267	14.8	377	3709	1		5/32	193109	1		
	3/16	10.3	260	14.6	370	3710	1		3/16	193110	1		
	7/32	10.3	260	15.1	383	3711	1		7/32	193111	1		
	1/4	10.3	260	15.1	383	3712	1		1/4	193112	1		
	5/16	10.3	260	15.1	383	3713	1		5/16	193113	1		
	3/8	10.3	260	15.1	383	3714	1		3/8	193114	1		
	7/16	10.5	267	15.3	390	3715	1		7/16	193115	1		
	1/2	10.5	267	15.3	390	3716	1		1/2	193116	1		

Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA	SIZE	PART#	QTY	LIST EA	
<b>Metric</b>	<b>Extra Long</b>					<b>Custom Length</b>							Customer must specify "out of handle length"
	1.5	11.0	279	13.2	334	3750	1		1.5	193150	1		
	2.0	11.0	279	13.2	334	3752	1		2.0	193152	1		
	2.5	10.5	267	12.9	328	3754	1		2.5	193154	1		
	3.0	10.6	270	14.1	358	3756	1		3.0	193156	1		
	4.0	10.5	267	14.8	377	3760	1		4.0	193160	1		
	5.0	10.3	260	14.6	370	3764	1		5.0	193164	1		
	6	10.3	260	15.1	383	3768	1		6	193168	1		
	8	10.3	260	15.1	383	3772	1		8	193172	1		
	10	10.3	260	15.1	383	3776	1		10	193176	1		

Handles are color coded for easy recognition

Yellow=Inch

Red=Metric

# 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



Sets	PART#	MODEL#	PCS	CONTENTS	QTY	LIST
<b>Inch</b>	74632	PBSX8S	8	.050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"	1	
	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	
<b>Metric</b>	74686	PBSX6M	6	1.5, 2, 2.5, 3, 4, 5mm	1	
	74699	PBSX9M	9	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm	1	



SINGLE PACKAGING

PACKAGED



SINGLE PACKAGING

PACKAGED

Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA
<b>Inch</b>	.050	3.2	81	4.1	104	74602	2	
	1/16	3.3	84	4.7	118	74603	2	
	5/64	3.5	88	4.8	122	74604	2	
	3/32	3.7	94	5.2	132	74605	2	
	7/64	2.9	74	5.3	136	74606	2	
	1/8	3.1	80	6.6	168	74607	2	
	9/64	3.3	83	6.8	171	74608	2	
	5/32	3.6	91	7.9	201	74609	2	
	3/16	3.7	94	8.0	204	74610	2	
	7/32	4.2	107	9.0	230	74611	2	
	1/4	4.7	118	9.8	249	74612	2	
	5/16	5.6	142	10.4	265	74613	2	
	3/8	6.5	164	11.3	287	74614	2	

Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA
<b>Metric</b>	1.27	2.4	60	4.1	104	74649	2	
	1.5	2.6	66	4.7	120	74650	2	
	2.0	2.8	72	5.0	127	74652	2	
	2.5	2.7	69	5.1	130	74654	2	
	3.0	3.3	83	6.7	171	74656	2	
	4.0	3.7	95	8.1	205	74660	2	
	5.0	4.3	109	8.6	219	74664	2	
	6	5.4	137	10.2	260	74668	2	
	8	6.4	162	11.2	286	74672	2	
	10	7.3	184	12.1	307	74676	2	



# 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



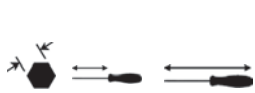
BriteGuard™ finish delivers superior corrosion protection



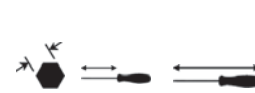
Ball End Tips

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

Sets	PART#	MODEL#	PCS	CONTENTS	QTY	LIST
<b>Inch</b>	16632	BSX8SB	8	.050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"	1	
	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	
<b>Metric</b>	16686	BSX6MB	6	1.5, 2, 2.5, 3, 4, 5mm	1	
	16699	BSX9MB	9	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm	1	



SINGLE PACKAGING  
PACKAGED



SINGLE PACKAGING  
PACKAGED

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

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

# 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



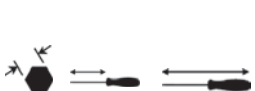
GoldGuard™ finish. Real 14 karat Gold



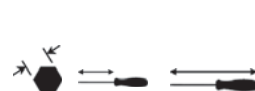
Ball End Tips

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

Sets	PART#	MODEL#	PCS	CONTENTS	QTY	LIST
<b>Inch</b>	38632	BSX8SG	8	.050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"	1	
	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	
<b>Metric</b>	38686	BSX6MG	6	1.5, 2, 2.5, 3, 4, 5mm	1	
	38699	BSX9MG	9	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm	1	



SINGLE PACKAGING  
PACKAGED



SINGLE PACKAGING  
PACKAGED

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

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

# Star Tip Screwdrivers

## - ProGuard™ Finish -

- Fits all Star and TORX® brand screws
- Chamfered tool tips eliminate burrs and help tools seat in screw head
- Sharp corners transfer more torque to the screw and reduce stripping



Sets	PART#	MODEL#	PCS	CONTENTS	QTY	LIST
Star	34532	TSX8S	8	T6, T7, T8, T9, T10, T15, T20, T25	1	
	34534	TSX8	8	T9, T10, T15, T20, T25, T27, T30, T40	1	

**SINGLE PACKAGING**



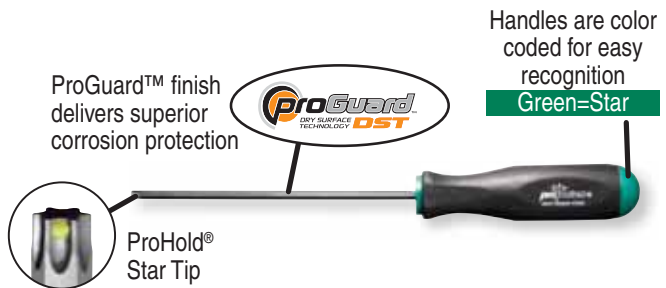
Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA
Star	T5	4.0	102	6.2	156	34505	2	
	T6	4.3	108	6.4	163	34506	2	
	T7	4.5	114	6.7	169	34507	2	
	T8	4.8	121	7.2	182	34508	2	
	T9	4.9	124	7.3	186	34509	2	
	T10	5.0	128	7.4	189	34510	2	
	T15	5.1	131	8.6	219	34515	2	
	T20	5.4	138	9.8	248	34520	2	
	T25	5.7	144	10.0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

*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 Star Tip tool finish.

# ProHold® Star Tip Screwdrivers

## - ProGuard™ Finish -

- Fits all Star and TORX® brand screws
- Holds screw tight on the tool EVERY TIME
- Button is non-magnetic
- Chamfered tool tips eliminate burrs and help tools seat in screw head



Sets	PART#	MODEL#	PCS	CONTENTS	QTY	LIST
Star	75534	PHTSX8	8	T9, T10, T15, T20, T25, T27, T30, T40	1	

**SINGLE PACKAGING**



Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA
Star	T9	4.9	124	7.3	186	75509	1	
	T10	5.0	128	7.4	189	75510	1	
	T15	5.1	131	8.6	219	75515	1	
	T20	5.4	138	9.8	248	75520	1	
	T25	5.7	144	10.0	253	75525	1	
	T27	5.8	147	10.6	270	75527	1	
	T30	6.0	153	10.9	276	75530	1	
	T40	6.3	159	11.1	282	75540	1	
	T45	6.5	166	11.4	289	75545	1	
	T50	6.8	172	11.6	295	75550	1	
	T55	7.0	178	11.9	301	75555	1	
	T60	7.3	185	12.1	308	75560	1	

*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® is a registered trademark of Acument Intellectual Properties, LLC

# Ball Star Tip Screwdrivers

- ProGuard™ Finish -

- Fits all Star and TORX® brand 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

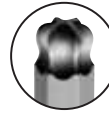


ProGuard™ finish delivers superior corrosion protection



Handles are color coded for easy recognition

Green=Star



Ball Star Tip

Sets	PART#	MODEL#	PCS	CONTENTS	QTY	LIST
Star	13546	STX6	6	T6, T7, T8, T9, T10, T15	1	
	13532	STX8	8	T9, T10, T15, T20, T25, T27, T30, T40	1	

SINGLE PACKAGING



PACKAGED

Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA
Star	T6	2.6	65	4.7	119	12706	2	
	T7	2.6	65	4.7	119	12707	2	
	T8	2.6	65	5.0	126	12708	2	
	T9	2.6	65	5.0	126	12709	2	
	T10	2.8	70	5.2	132	12710	2	
	T15	2.9	73	6.4	161	12715	2	
	T20	3.2	81	7.5	191	12720	2	
	T25	3.4	87	7.7	197	12725	2	
	T27	3.8	97	8.7	220	12727	2	
	T30	4.2	106	9.0	229	12730	2	
	T40	4.6	117	9.4	240	12740	2	
	T45	5.2	132	10.0	255	12745	1	
	T50	6.0	153	10.9	276	12750	1	
	T55	6.8	172	11.6	295	12755	1	

*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 Star Tip Screwdrivers

- ProGuard™ Finish -

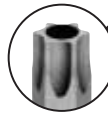
- Fits all Star and TORX® brand tamper resistant screws
- Chamfered tool tips eliminate burrs and help tools seat in screw head
- Sharp corners transfer more torque to the screw and reduce stripping
- Precision machined for ease of use and superior fit

ProGuard™ finish delivers superior corrosion protection



Handles are color coded for easy recognition

Green=Star



Tamper Resistant Star Tip

Sets	PART#	MODEL#	PCS	CONTENTS	QTY	LIST
Star	33832	TR-SX8S	8	TR6, TR7, TR8, TR9, TR10, TR15, TR20, TR25	1	
	33834	TR-SX8	8	TR9, TR10, TR15, TR20, TR25, TR27, TR30, TR40	1	

SINGLE PACKAGING



PACKAGED

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

*Did you know...?*  
Bondhus' ergonomic handle design greatly reduces fatigue associated with repetitive tasks and the application of torque.

\*TORX® is a registered trademark of Acument Intellectual Properties, LLC

# 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	



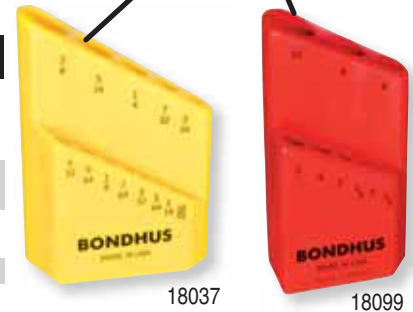
Singles	SIZE	INCH	MM	INCH	MM	PART#	QTY	LIST EA
	SQ0	3.5	90	7.0	178	11600	2	
	SQ1	3.8	95	7.2	183	11601	2	
	SQ2	4.0	102	8.3	212	11602	2	
	SQ3	4.0	102	8.3	212	11603	2	
	SQ4	4.5	115	8.8	225	11604	2	

## 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
<b>Inch</b>	18032	.050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"	10	
	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	
	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	
	18038	1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"	10	
	18045	5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16"	10	
<b>Metric</b>	18046	1.5, 2, 2.5, 3, 4, 5mm	10	
	18099	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm	10	

Yellow=Inch  
Red=Metric



## About the Bondhex™ Case For Ball End, Hex and Star Tip L-Wrenches

Bondhus Ball End, Hex and Star 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

- 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
<b>Inch</b>	48445	BNX7	7	3/16, 1/4, 5/16, 11/32, 3/8, 7/16, 1/2"	1	
<b>Metric</b>	48492	BNX7M	7	6, 7, 8, 9, 10, 11, 12mm	1	
	48496	BNX7ML	7	6, 7, 8, 9, 10, 11, 13mm	1	

### SINGLE PACKAGING



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



48492

## Lifetime Warranty

Bondhus manufactures the highest quality Hex and Star 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 Star tool industry for over forty years.



# 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.



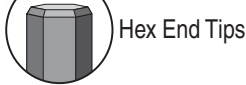
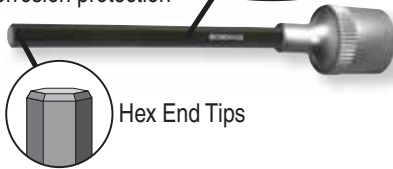
Bits are suitable for use with standard or impact sockets.

# 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

## Socket Bits



Clamshell Package

Sets	PART#	MODEL#	PCS	BIT LENGTH	DESCRIPTION	PACKED IN	CONTENTS	QTY	LIST
<b>Inch</b>	43299	PHX9/S-2	9	2"	Sockets & Bits	Transparent Clamshell	5/32, 3/16, 7/32, 1/4, 5/16, 3/8, 1/2, 9/16, 5/8"	1	
	43645	PHX5/S-6	5	6"	Sockets & Bits	Transparent Clamshell	5/16, 3/8, 1/2, 9/16, 5/8"	1	
	33299	PHX9-2	9	2"	Bits Only	Transparent Clamshell	5/32, 3/16, 7/32, 1/4, 5/16, 3/8, 1/2, 9/16, 5/8"	1	
	33645	PHX5-6	5	6"	Bits Only	Transparent Clamshell	5/16, 3/8, 1/2, 9/16, 5/8"	1	
	30299	PHX9/S-2C	9	2"	Sockets & Bits	<b>Molded Black Case</b>	5/32, 3/16, 7/32, 1/4, 5/16, 3/8, 1/2, 9/16, 5/8"	1	
	30645	PHX5/S-6C	5	6"	Sockets & Bits	<b>Molded Black Case</b>	5/16, 3/8, 1/2, 9/16, 5/8"	1	
	23299	PHX9-2C	9	2"	Bits Only	<b>Molded Black Case</b>	5/32, 3/16, 7/32, 1/4, 5/16, 3/8, 1/2, 9/16, 5/8"	1	
<b>Metric</b>	43298	PHX9M/S-2	9	2"	Sockets & Bits	Transparent Clamshell	4, 5, 6, 7, 8, 10, 12, 14, 17mm	1	
	43646	PHX6M/S-6	6	6"	Sockets & Bits	Transparent Clamshell	4, 5, 6, 7, 8, 10mm	1	
	33298	PHX9M-2	9	2"	Bits Only	Transparent Clamshell	4, 5, 6, 7, 8, 10, 12, 14, 17mm	1	
	33646	PHX6M-6	6	6"	Bits Only	Transparent Clamshell	4, 5, 6, 7, 8, 10mm	1	
	30298	PHX9M/S-2C	9	2"	Sockets & Bits	<b>Molded Black Case</b>	4, 5, 6, 7, 8, 10, 12, 14, 17mm	1	
	30646	PHX6M/S-6C	6	6"	Sockets & Bits	<b>Molded Black Case</b>	4, 5, 6, 7, 8, 10mm	1	
	23246	PHX6M-2C	6	2"	Bits Only	<b>Molded Black Case</b>	4, 5, 6, 7, 8, 10mm	1	
	23298	PHX9M-2C	9	2"	Bits Only	<b>Molded Black Case</b>	4, 5, 6, 7, 8, 10, 12, 14, 17mm	1	
23296	PHX9ML-2C	9	2"	Bits Only	<b>Molded Black Case</b>	5, 6, 7, 8, 10, 12, 14, 17, 19mm	1		



Singles	SIZE	PART#	QTY	LIST EA	PART#	QTY	DRIVE	LIST EA
<b>2" Long</b>								
<b>Inch</b>	1/8	33207	1		43207	1	3/8"	
	5/32	33209	1		43209	1	3/8"	
	3/16	33210	1		43210	1	3/8"	
	7/32	33211	1		43211	1	3/8"	
	1/4	33212	1		43212	1	3/8"	
	5/16	33213	1		43213	1	3/8"	
	3/8	33214	1		43214	1	3/8"	
	1/2	33216	1		43216	1	1/2"	
	9/16	33217	1		43217	1	1/2"	
	5/8	33218	1		43218	1	1/2"	
3/4	33219	1		43219	1	1/2"		
<b>2.5" Long</b>								
<b>Inch</b>	7/8	33220	1		-	-	-	
	1	33221	1		-	-	-	
	1 1/8	33223	1		-	-	-	
	1 1/4	33225	1		-	-	-	
	1 1/2	33229	1		-	-	-	
	1 3/4	33231	1		-	-	-	
	2	33233	1		-	-	-	
<b>6" Long</b>								
<b>Inch</b>	1/8	33607	1		43507	1	3/8"	
	5/32	33609	1		43509	1	3/8"	
	3/16	33610	1		43510	1	3/8"	
	7/32	33611	1		43511	1	3/8"	
	1/4	33612	1		43512	1	3/8"	
	5/16	33613	1		43513	1	3/8"	
	3/8	33614	1		43514	1	3/8"	
	5/16	-	-		43613	1	1/2"	
	3/8	-	-		43614	1	1/2"	
	1/2	33616	1		43616	1	1/2"	
	9/16	33617	1		43617	1	1/2"	
	5/8	33618	1		43618	1	1/2"	
	3/4	33619	1		43619	1	1/2"	

Singles	SIZE	PART#	QTY	LIST EA	PART#	QTY	DRIVE	LIST EA
<b>2" Long</b>								
<b>Metric</b>	3.0	33256	1		43256	1	3/8"	
	4.0	33260	1		43260	1	3/8"	
	5.0	33264	1		43264	1	3/8"	
	6	33268	1		43268	1	3/8"	
	7	33270	1		43270	1	3/8"	
	8	33272	1		43272	1	3/8"	
	9	33274	1		43274	1	3/8"	
	10	33276	1		43276	1	3/8"	
	12	33280	1		43280	1	1/2"	
	14	33284	1		43284	1	1/2"	
17	33286	1		43286	1	1/2"		
19	33288	1		43288	1	1/2"		
<b>2.5" Long</b>								
<b>Metric</b>	22	33291	1		-	-	-	
	24	33293	1		-	-	-	
	27	33295	1		-	-	-	
	32	33297	1		-	-	-	
	36	33200	1		-	-	-	
<b>6" Long</b>								
<b>Metric</b>	3.0	33656	1		43656	1	3/8"	
	4.0	33660	1		43660	1	3/8"	
	5.0	33664	1		43664	1	3/8"	
	6	33668	1		43668	1	3/8"	
	7	33670	1		43670	1	3/8"	
	8	33672	1		43672	1	3/8"	
	9	33674	1		43674	1	3/8"	
	10	33676	1		43676	1	3/8"	
	12	33680	1		43680	1	1/2"	
	14	33684	1		43684	1	1/2"	
	17	33686	1		43686	1	1/2"	
	19	33688	1		43688	1	1/2"	

Made in the U.S.A.



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

# 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



Sets	PART#	MODEL#	PCS	BIT LENGTH	DESCRIPTION	PACKED IN	CONTENTS	QTY	LIST
<b>Inch</b>	43445	PHBX7/S-2	7	2"	Sockets & Bits	Transparent Clamshell	1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"	1	
	43845	PHBX7/S-6	7	6"	Sockets & Bits	Transparent Clamshell	1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"	1	
	31445	PHBX7-2	7	2"	Bits Only	Transparent Clamshell	1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"	1	
	31645	PHBX7-6	7	6"	Bits Only	Transparent Clamshell	1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"	1	
	30445	PHBX7/S-2C	7	2"	Sockets & Bits	Molded Black Case	1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"	1	
	30845	PHBX7/S-6C	7	6"	Sockets & Bits	Molded Black Case	1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"	1	
	23445	PHBX7-2C	7	2"	Bits Only	Molded Black Case	1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"	1	
<b>Metric</b>	43487	PHBX8M/S-2	8	2"	Sockets & Bits	Transparent Clamshell	3, 4, 5, 6, 7, 8, 9, 10mm	1	
	43887	PHBX8M/S-6	8	6"	Sockets & Bits	Transparent Clamshell	3, 4, 5, 6, 7, 8, 9, 10mm	1	
	31487	PHBX8M-2	8	2"	Bits Only	Transparent Clamshell	3, 4, 5, 6, 7, 8, 9, 10mm	1	
	31687	PHBX8M-6	8	6"	Bits Only	Transparent Clamshell	3, 4, 5, 6, 7, 8, 9, 10mm	1	
	30487	PHBX8M/S-2C	8	2"	Sockets & Bits	Molded Black Case	3, 4, 5, 6, 7, 8, 9, 10mm	1	
	30887	PHBX8M/S-6C	8	6"	Sockets & Bits	Molded Black Case	3, 4, 5, 6, 7, 8, 9, 10mm	1	
	23487	PHBX8M-2C	8	2"	Bits Only	Molded Black Case	3, 4, 5, 6, 7, 8, 9, 10mm	1	



Singles	SIZE	PART#	QTY	LIST EA	PART#	QTY	DRIVE	LIST EA
<b>Inch</b>	<b>2" Long</b>							
	1/8	31407	1		43407	1	3/8"	
	5/32	31409	1		43409	1	3/8"	
	3/16	31410	1		43410	1	3/8"	
	7/32	31411	1		43411	1	3/8"	
	1/4	31412	1		43412	1	3/8"	
	5/16	31413	1		43413	1	3/8"	
	3/8	31414	1		43414	1	3/8"	
	5/16	-	-	-	43913	1	1/2"	
	3/8	-	-	-	43914	1	1/2"	
	1/2	31416	1		43916	1	1/2"	
	9/16	31417	1		43917	1	1/2"	
	5/8	31418	1		43918	1	1/2"	
	3/4	31419	1		43919	1	1/2"	
	<b>Inch</b>	<b>6" Long</b>						
1/8		31607	1		43807	1	3/8"	
5/32		31609	1		43809	1	3/8"	
3/16		31610	1		43810	1	3/8"	
7/32		31611	1		43811	1	3/8"	
1/4		31612	1		43812	1	3/8"	
5/16		31613	1		43813	1	3/8"	
3/8		31614	1		43814	1	3/8"	
1/2		31616	1		43716	1	1/2"	
9/16		31617	1		43717	1	1/2"	
5/8		31618	1		43718	1	1/2"	
3/4		31619	1		43719	1	1/2"	

Singles	SIZE	PART#	QTY	LIST EA	PART#	QTY	DRIVE	LIST EA
<b>Metric</b>	<b>2" Long</b>							
	3.0	31456	1		43456	1	3/8"	
	4.0	31460	1		43460	1	3/8"	
	5.0	31464	1		43464	1	3/8"	
	6	31468	1		43468	1	3/8"	
	7	31470	1		43470	1	3/8"	
	8	31472	1		43472	1	3/8"	
	9	31474	1		43474	1	3/8"	
	10	31476	1		43476	1	3/8"	
	12	31480	1		43480	1	3/8"	
	12	-	-	-	43980	1	1/2"	
	14	31484	1		43984	1	1/2"	
	17	31486	1		43986	1	1/2"	
	19	31488	1		43988	1	1/2"	
	<b>Metric</b>	<b>6" Long</b>						
3.0		31656	1		43856	1	3/8"	
4.0		31660	1		43860	1	3/8"	
5.0		31664	1		43864	1	3/8"	
6		31668	1		43868	1	3/8"	
7		31670	1		43870	1	3/8"	
8		31672	1		43872	1	3/8"	
9		31674	1		43874	1	3/8"	
10		31676	1		43876	1	3/8"	
12		31680	1		43780	1	1/2"	
14		31684	1		43784	1	1/2"	
17		31686	1		43786	1	1/2"	
19		31688	1		43788	1	1/2"	



# Star Tip Socket Bits

- ProGuard™ Finish -

- Fits all Star and TORX® brand screws
- 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



Star Tips



Molded Black Case



Clamshell Package

Sets	PART#	MODEL#	PCS	BIT LENGTH	DESCRIPTION	PACKED IN	CONTENTS	QTY	LIST
Star	44038	PHTX10/S-2	10	2"	Sockets & Bits	Transparent Clamshell	T10, T15, T20, T25, T27, T30, T40, T45, T50, T55	1	
	44037	PHTX13/S-2	13	2"	Sockets & Bits	Transparent Clamshell	T8, T10, T15, T20, T25, T27, T30, T40, T45, T47, T50, T55, T60	1	
	44699	PHTX9/S-6	9	6"	Sockets & Bits	Transparent Clamshell	T8, T9, T10, T15, T20, T25, T27, T30, T40	1	
	44632	PHTX8/S-6	8	6"	Sockets & Bits	Transparent Clamshell	T8, T10, T15, T20, T25, T27, T30, T40	1	
	32038	PHTX10-2	10	2"	Bits Only	Transparent Clamshell	T10, T15, T20, T25, T27, T30, T40, T45, T50, T55	1	
	32037	PHTX13-2	13	2"	Bits Only	Transparent Clamshell	T8, T10, T15, T20, T25, T27, T30, T40, T45, T47, T50, T55, T60	1	
	34099	PHTX9-6	9	6"	Bits Only	Transparent Clamshell	T8, T9, T10, T15, T20, T25, T27, T30, T40	1	
	34032	PHTX8-6	8	6"	Bits Only	Transparent Clamshell	T8, T10, T15, T20, T25, T27, T30, T40	1	
	31038	PHTX10/S-2C	10	2"	Sockets & Bits	Molded Black Case	T10, T15, T20, T25, T27, T30, T40, T45, T50, T55	1	
	30799	PHTX9/S-6C	9	6"	Sockets & Bits	Molded Black Case	T8, T9, T10, T15, T20, T25, T27, T30, T40	1	
	31037	PHTX13/S-2C	13	2"	Sockets & Bits	Molded Black Case	T8, T10, T15, T20, T25, T27, T30, T40, T45, T47, T50, T55, T60	1	
	22489	PHTX9L-2C	9	2"	Bits Only	Molded Black Case	T15, T20, T25, T30, T40, T45, T50, T55, T60	1	
	22491	PHTX9-2C	9	2"	Bits Only	Molded Black Case	T8, T9, T10, T15, T20, T25, T27, T30, T40	1	
	22437	PHTX13-2C	13	2"	Bits Only	Molded Black Case	T8, T10, T15, T20, T25, T27, T30, T40, T45, T47, T50, T55, T60	1	

Singles	SIZE	BIT STOCK	BIT ONLY				SOCKET AND BIT									
			PART#	QTY	LIST	EA	PART#	QTY	DRIVE	LIST	EA					
Star	<b>2" Long</b>							<b>6" Long</b>								
	T7	3mm	32007	1			44007	1	1/4"	-	-	-	-	-		
	T8	3mm	32008	1			44008	1	1/4"	T8	3mm	34008	1	44608	1	1/4"
	T9	3mm	32009	1			44009	1	1/4"	T9	3mm	34009	1	44609	1	1/4"
	T10	3mm	32010	1			44010	1	1/4"	T10	3mm	34010	1	44610	1	1/4"
	T15	3mm	32015	1			44015	1	1/4"	T15	3mm	34015	1	44615	1	1/4"
	T20	4mm	32020	1			44020	1	1/4"	T20	4mm	34020	1	44620	1	1/4"
	T25	4mm	32025	1			44025	1	1/4"	T25	4mm	34025	1	44625	1	1/4"
	T27	5mm	32027	1			44027	1	1/4"	T27	5mm	34027	1	44627	1	1/4"
	T30	5mm	32030	1			44030	1	1/4"	T30	5mm	34030	1	44630	1	1/4"
	T40	6mm	32040	1			44240	1	3/8"	T40	6mm	34040	1	44640	1	3/8"
	T45	7mm	32045	1			44245	1	3/8"	-	-	-	-	-	-	
	T47	8mm	32047	1			44247	1	3/8"	-	-	-	-	-	-	
	T50	9mm	32050	1			44250	1	3/8"	-	-	-	-	-	-	
	T55	10mm	32055	1			44255	1	3/8"	-	-	-	-	-	-	
	T60	12mm	32060	1			44260	1	1/2"	-	-	-	-	-	-	
T70	17mm	32070	1			-	-	-	-	-	-	-	-	-		
T80	19mm	32080	1			-	-	-	-	-	-	-	-	-		
T90*	22mm	32090*	1			-	-	-	-	-	-	-	-	-		
T100*	22mm	32000*	1			-	-	-	-	-	-	-	-	-		

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

**See Next Page for our Star & Metric Hex Socket Bit combo set**

\*TORX® is a registered trademark of Acument Intellectual Properties, LLC

Made in the U.S.A.



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

# Socket Bit Combo Set

## - ProGuard™ Finish -

**Hextenders**

- 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
- Perfect set for truck and large equipment maintenance



### Star & Metric Hex

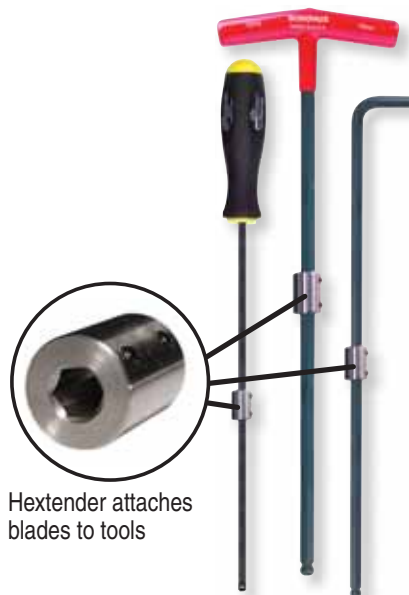
PART#	MODEL#	PCS	BIT LENGTH	DESCRIPTION	PACKED IN	CONTENTS	QTY	LIST
23290	PHTXH7-2C	7	2"	Bits Only	Molded Black Case	T45, T50, T55 & 12, 14, 17, 19mm	1	

# Hextenders

- Extend tool reach
- Allows blades to be coupled with Hex or Star tools
- Extra length can be achieved using multiple Hextender/Blade combinations



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



Hextender attaches blades to tools

### Did you know...?

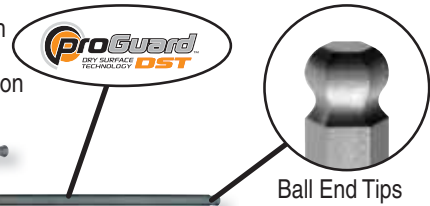
You can extend tool reach with Bondhus' exclusive Hextender which saves time because any like sized blades can be coupled together to create a tool length for every need.

# Ball End Blades

## - ProGuard™ Finish -

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

ProGuard™ finish delivers superior corrosion protection



SINGLE PACKAGING  
PACKAGED

Singles	SIZE	INCH	MM	PART#	QTY	LIST EA
<b>Standard Length</b>						
<b>Inch</b>	.050	3.4	86	0102	1	
	1/16	3.5	89	0103	1	
	5/64	3.6	93	0104	1	
	3/32	3.8	96	0105	1	
	7/64	4.3	109	0106	1	
	1/8	4.5	115	0107	1	
	9/64	4.8	121	0108	1	
	5/32	5.1	129	0109	1	
	3/16	5.5	139	0110	1	
	7/32	5.9	151	0111	1	
	1/4	6.7	170	0112	1	
	5/16	7.3	186	0113	1	
	3/8	8.2	208	0114	1	
	7/16	9.1	232	0115	1	
	1/2	10.1	255	0116	1	
	9/16	10.9	277	0117	1	
	5/8	11.8	299	0118	1	
	3/4	13.5	344	0119	1	

SINGLE PACKAGING  
PACKAGED

Singles	SIZE	INCH	MM	PART#	QTY	LIST EA
<b>Standard Length</b>						
<b>Metric</b>	1.5	3.6	91	0150	1	
	2.0	3.8	98	0152	1	
	2.5	4.2	107	0154	1	
	3.0	4.6	118	0156	1	
	3.5	4.8	123	0158	1	
	4.0	5.2	133	0160	1	
	4.5	5.5	140	0162	1	
	5.0	5.8	148	0164	1	
	5.5	6.1	155	0166	1	
	6	6.7	170	0168	1	
	7	7.3	184	0170	1	
	8	7.8	199	0172	1	
	9	8.4	214	0174	1	
	10	9.0	229	0176	1	
	11	9.6	245	0178	1	
	12	10.5	267	0180	1	
	14	12.5	318	0184	1	
	17	13.6	346	0186	1	
	19	14.5	368	0188	1	

SINGLE PACKAGING  
PACKAGED

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

SINGLE PACKAGING  
PACKAGED

Singles	SIZE	INCH	MM	PART#	QTY	LIST EA
<b>Extra Long</b>						
.050	12.0	305	3602	1		
1/16	12.0	305	3603	1		
5/64	12.0	305	3604	1		
3/32	12.0	305	3605	1		
7/64	12.0	305	3606	1		
1/8	12.0	305	3607	1		
9/64	12.0	305	3608	1		
5/32	12.0	305	3609	1		
3/16	12.0	305	3610	1		
7/32	12.0	305	3611	1		
1/4	12.0	305	3612	1		
5/16	12.0	305	3613	1		
3/8	12.0	305	3614	1		
7/16	12.0	305	3615	1		
1/2	12.0	305	3616	1		

Singles	SIZE	INCH	MM	PART#	QTY	LIST EA
<b>Long</b>						
<b>Metric</b>	-	-	-	-	-	
	2.0	5.0	128	0452	1	
	2.5	5.8	148	0454	1	
	3.0	7.6	193	0456	1	
	4.0	8.5	217	0460	1	
	5.0	9.6	243	0464	1	
	6	10.4	263	0468	1	
	8	11.1	281	0472	1	
	10	11.9	303	0476	1	

Singles	SIZE	INCH	MM	PART#	QTY	LIST EA
<b>Extra Long</b>						
1.5	12.0	305	3650	1		
2.0	12.0	305	3652	1		
2.5	12.0	305	3654	1		
3.0	12.0	305	3656	1		
4.0	12.0	305	3660	1		
5.0	12.0	305	3664	1		
6	12.0	305	3668	1		
8	12.0	305	3672	1		
10	12.0	305	3676	1		

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



Sets	PART#	MODEL#	PCS	CONTENTS	QTY	LIST
<b>Inch</b>	11036	BIX12	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	
<b>Metric</b>	11099	BIX9M	9	2, 2.5, 3, 4, 5, 6, 8, 10, 12mm	1	

SINGLE PACKAGING

PACKAGED

Singles	SIZE	INCH	MM	PART#	QTY	LIST EA
<b>Inch</b>	5/64	1.0	25	11004	10	
	3/32	1.0	25	11005	10	
	7/64	1.0	25	11006	10	
	1/8	1.0	25	11007	10	
	9/64	1.0	25	11008	10	
	5/32	1.0	25	11009	10	
	3/16	1.0	25	11010	10	
	7/32	1.0	25	11011	10	
	1/4	1.0	25	11012	10	
	5/16	1.5	38	11013	1	
	3/8	1.5	38	11014	1	
	1/2	1.5	38	11016	1	

SINGLE PACKAGING

PACKAGED

Singles	SIZE	INCH	MM	PART#	QTY	LIST EA
<b>Metric</b>	2.0	1.0	25	11052	10	
	2.5	1.0	25	11054	10	
	3.0	1.0	25	11056	10	
	4.0	1.0	25	11060	10	
	5.0	1.0	25	11064	10	
	6	1.0	25	11068	10	
	8	1.5	38	11072	1	
	10	1.5	38	11076	1	
	12	1.5	38	11080	1	

# Ball End Power 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



Sets	PART#	MODEL#	PCS	CONTENTS	QTY	LIST
<b>Inch</b>	10836	BHX12	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	
<b>Metric</b>	10899	BHX9M	9	2, 2.5, 3, 4, 5, 6, 8, 10, 12mm	1	

SINGLE PACKAGING

PACKAGED

Singles	SIZE	INCH	MM	PART#	QTY	LIST EA
<b>Inch</b>	5/64	3.0	76	10804	10	
	3/32	3.0	76	10805	10	
	7/64	3.0	76	10806	10	
	1/8	3.0	76	10807	10	
	9/64	3.0	76	10808	10	
	5/32	3.0	76	10809	10	
	3/16	3.0	76	10810	10	
	7/32	3.0	76	10811	10	
	1/4	3.0	76	10812	10	
	5/16	3.0	76	10813	1	
	3/8	3.0	76	10814	1	
	1/2	3.0	76	10816	1	

SINGLE PACKAGING

PACKAGED

Singles	SIZE	INCH	MM	PART#	QTY	LIST EA
<b>Metric</b>	2.0	3.0	76	10852	10	
	2.5	3.0	76	10854	10	
	3.0	3.0	76	10856	10	
	4.0	3.0	76	10860	10	
	5.0	3.0	76	10864	10	
	6	3.0	76	10868	10	
	8	3.0	76	10872	1	
	10	3.0	76	10876	1	
	12	3.0	76	10880	1	



# 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	47		3668	47		10752	35		10986	7		12129	11		12262	13	
0103	47		3672	47		10754	35		10988	7		12132	10		12264	13	
0104	47		3676	47		10756	35		10989	7		12136	10		12266	13	
0105	47		3702	36		10760	35		10991	7		12137	10		12268	13	
0106	47		3703	36		10764	35		10992	7		12138	10		12270	13	
0107	47		3704	36		10768	35		10993	7		12145	10		12272	13	
0108	47		3705	36		10772	35		10995	7		12146	12		12274	13	
0109	47		3706	36		10776	35		10999	7		12147	13		12276	13	
0110	47		3707	36		10804	48		11004	48		12148	13		12278	13	
0111	47		3708	36		10805	48		11005	48		12149	13		12280	13	
0112	47		3709	36		10806	48		11006	48		12150	13		12284	13	
0113	47		3710	36		10807	48		11007	48		12152	13		12286	13	
0114	47		3711	36		10808	48		11008	48		12154	13		12288	13	
0115	47		3712	36		10809	48		11009	48		12156	13		12291	13	
0116	47		3713	36		10810	48		11010	48		12158	13		12292	12	
0117	47		3714	36		10811	48		11011	48		12160	13		12293	13	
0118	47		3715	36		10812	48		11012	48		12162	13		12295	13	
0119	47		3716	36		10813	48		11013	48		12164	13		12296	13	
0150	47		3750	36		10814	48		11014	48		12166	13		12298	13	
0152	47		3752	36		10816	48		11016	48		12168	13		12299	12	
0154	47		3754	36		10836	48		11036	48		12170	13		12333	10	
0156	47		3756	36		10852	48		11052	48		12172	13		12335	10	
0158	47		3760	36		10854	48		11054	48		12174	13		12338	10	
0160	47		3764	36		10856	48		11056	48		12176	13		12339	10	
0162	47		3768	36		10860	48		11060	48		12178	13		12341	10	
0164	47		3772	36		10864	48		11064	48		12180	13		12342	10	
0166	47		3776	36		10868	48		11068	48		12184	13		12343	10	
0168	47		10602	35		10872	48		11072	48		12186	13		12344	10	
0170	47		10603	35		10876	48		11076	48		12188	13		12345	10	
0172	47		10604	35		10880	48		11080	48		12191	13		12347	10	
0174	47		10605	35		10899	48		11099	48		12192	12		12349	12	
0176	47		10606	35		10902	6		11331	22		12193	13		12351	10	
0178	47		10607	35		10903	6		11332	22		12195	12		12391	12	
0180	47		10608	35		10904	6		11346	22		12196	13		12392	12	
0184	47		10609	35		10905	6		11600	40		12198	13		12393	12	
0186	47		10610	35		10906	6		11601	40		12199	12		12394	12	
0188	47		10611	35		10907	6		11602	40		12200	11		12396	12	
0404	47		10612	35		10908	6		11603	40		12201	11		12397	12	
0405	47		10613	35		10909	6		11604	40		12202	11		12399	12	
0406	47		10614	35		10910	6		11640	40		12203	11		12522	25	
0407	47		10615	35		10911	6		11706	22		12204	11		12531	27	
0408	47		10616	35		10912	6		11707	22		12205	11		12533	25	
0409	47		10632	35		10913	6		11708	22		12206	11		12540	26	
0410	47		10633	35		10914	6		11709	22		12207	11		12543	26	
0411	47		10637	35		10915	6		11710	22		12208	11		12544	25	
0412	47		10645	35		10916	6		11715	22		12209	11		12545	26	
0413	47		10649	35		10917	6		11720	22		12210	11		12547	26	
0414	47		10650	35		10918	6		11725	22		12211	11		12550	25	
0452	47		10652	35		10919	6		11727	22		12212	11		12585	25	
0454	47		10654	35		10920	6		11730	22		12213	11		12587	25	
0456	47		10656	35		10921	6		11740	22		12214	11		12589	25	
0460	47		10658	35		10932	6		11745	22		12215	11		12591	25	
0464	47		10660	35		10933	6		11750	22		12216	11		12592	25	
0468	47		10662	35		10935	6		11755	22		12217	11		12594	27	
0472	47		10664	35		10936	6		12100	11		12218	11		12595	25	
0476	47		10666	35		10937	6		12101	11		12219	11		12632	26	
3602	47		10668	35		10938	6		12102	11		12220	11		12634	26	
3603	47		10670	35		10945	6		12103	11		12221	11		12636	26	
3604	47		10672	35		10946	7		12104	11		12225	11		12638	26	
3605	47		10674	35		10949	7		12105	11		12229	11		12699	21	
3606	47		10676	35		10950	7		12106	11		12231	11		12706	39	
3607	47		10686	35		10952	7		12107	11		12232	10		12707	39	
3608	47		10687	35		10954	7		12108	11		12233	11		12708	39	
3609	47		10699	35		10956	7		12109	11		12236	10		12709	39	
3610	47		10704	35		10958	7		12110	11		12237	10		12710	39	
3611	47		10705	35		10960	7		12111	11		12238	10		12715	39	
3612	47		10706	35		10962	7		12112	11		12245	10		12720	39	
3613	47		10707	35		10964	7		12113	11		12246	12		12725	39	
3614	47		10708	35		10966	7		12114	11		12247	13		12727	39	
3615	47		10709	35		10968	7		12115	11		12248	13		12730	39	
3616	47		10710	35		10970	7		12116	11		12249	13		12740	39	
3650	47		10711	35		10972	7		12117	11		12250	13		12745	39	
3652	47		10712	35		10974	7		12118	11		12252	13		12750	39	
3654	47		10713	35		10976	7		12119	11		12254	13		12755	39	
3656	47		10714	35		10978	7		12120	11		12256	13		12894	25	
3660	47		10733	35		10980	7		12121	11		12258	13		12897	25	
3664	47		10737	35		10984	7		12125	11		12260	13		12902	6	

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12904	6		13364	32		13956	13		15364	32		15868	13		16101	17	
12905	6		13368	32		13958	13		15368	32		15870	13		16102	17	
12906	6		13372	32		13960	13		15372	32		15872	13		16103	17	
12907	6		13376	32		13962	13		15376	32		15874	13		16104	17	
12908	6		13387	31		13964	13		15387	31		15876	13		16105	17	
12909	6		13389	31		13966	13		15389	31		15878	13		16106	17	
12910	6		13390	31		13968	13		15390	31		15880	13		16107	17	
12911	6		13532	39		13970	13		15702	6		15884	13		16108	17	
12912	6		13546	39		13972	13		15703	6		15886	13		16109	17	
12913	6		13800	11		13974	13		15704	6		15888	13		16110	17	
12914	6		13801	11		13976	13		15705	6		15900	11		16111	17	
12915	6		13802	11		13978	13		15706	6		15901	11		16112	17	
12916	6		13803	11		13980	13		15707	6		15902	11		16113	17	
12917	6		13804	11		13984	13		15708	6		15903	11		16114	17	
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12919	6		13806	11		13988	13		15710	6		15905	11		16116	17	
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12950	7		13808	11		14128	5		15712	6		15907	11		16118	17	
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12962	7		13814	11		14532	27		15718	6		15913	11		16201	17	
12964	7		13815	11		14534	27		15719	6		15914	11		16202	17	
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13348	31		13948	13		15348	31		15858	13		16068	7		16464	32	
13352	32		13949	13		15352	32		15860	13		16072	7		16468	32	
13354	32		13950	13		15354	32		15862	13		16076	7		16472	32	
13356	32		13952	13		15356	32		15864	13		16099	7		16502	9	



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16505	9		16776	16		18032	40		26109	17		26750	16		28060	18	
16506	9		16792	16		18036	40		26110	17		26752	16		28062	18	
16507	9		16799	16		18037	40		26111	17		26754	16		28064	18	
16508	9		16902	15		18038	40		26112	17		26756	16		28066	18	
16509	9		16903	15		18045	40		26113	17		26760	16		28068	18	
16510	9		16904	15		18046	40		26114	17		26764	16		28070	18	
16511	9		16905	15		18099	40		26200	17		26768	16		28072	18	
16512	9		16906	15		20196	5		26201	17		26772	16		28074	18	
16513	9		16907	15		20199	5		26202	17		26776	16		28076	18	
16514	9		16908	15		20399	5		26203	17		26902	15		28078	18	
16537	9		16909	15		20499	5		26204	17		26903	15		28080	18	
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16554	9		16914	15		22303	46		26209	17		26908	15		28104	19	
16556	9		16915	15		22304	46		26210	17		26909	15		28105	19	
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16572	9		16919	15		22308	46		26214	17		26913	15		28109	19	
16576	9		16936	15		22309	46		26247	17		26914	15		28110	19	
16592	9		16937	15		22310	46		26248	17		27049	15		28111	19	
16599	9		16938	15		22311	46		26249	17		27050	15		28112	19	
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16603	37		17049	15		22313	46		26252	17		27054	15		28114	19	
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16608	37		17058	15		22356	46		26262	17		27064	15		28204	19	
16609	37		17060	15		22360	46		26264	17		27066	15		28205	19	
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16613	37		17068	15		22376	46		26272	17		27074	15		28209	19	
16614	37		17070	15		22437	45		26274	17		27076	15		28210	19	
16615	37		17072	15		22489	45		26276	17		27078	15		28211	19	
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16752	16		17188	17		26102	17		26709	16		27914	18		29164	19	
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16764	16		17934	29		26106	17		26713	16		28054	18		29172	19	

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31486	44		32045	45		33221	43		33910	23		37937	18		38252	19	
31487	44		32047	45		33223	43		33915	23		37938	18		38254	19	
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31614	44		32407	14, 22		33268	43		34025	45		38060	18		38270	19	
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31619	44		32415	14, 22		33276	43		34040	45		38068	18		38278	19	
31645	44		32420	14, 22		33280	43		34099	45		38070	18		38280	19	
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# NOTES

# 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	3.39	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	13	3, 729	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	—	—	—	—
Star Size	Bondhus Straight Star								
	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	307	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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