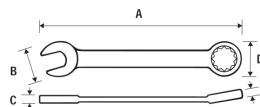




COMBINATION WRENCHES AND SETS

SERIES 871:



INDUSTRIAL SUPPLIES

<b>5 PIECE (12 Pt.) SET</b>			
<b>Order No. 29022</b>		<b>Price</b> <input type="text"/>	
Order No.	Description	Order No.	Description
20206	5/16"	0920211	9/16"
0920208	3/8"		
20209	7/16"	Pouch	
20210	1/2"		

<b>7 PIECE (12 Pt.) SET</b>			
<b>Order No. 29014</b>		<b>Price</b> <input type="text"/>	
Order No.	Description	Order No.	Description
0920208	3/8"	0920213	11/16"
20209	7/16"		
20210	1/2"	20214	3/4"
0920211	9/16"		
20212	5/8"	Tool Roll	

<b>14 PIECE (12 Pt.) SET</b>			
<b>Order No. 29010</b>		<b>Price</b> <input type="text"/>	
Order No.	Description	Order No.	Description
0920208	3/8"	0920216	7/8"
20209	7/16"		
20210	1/2"	0920219	1-1/16"
0920211	9/16"		
0920212	5/8"	0920218	1"
0920213	11/16"		
20214	3/4"	0920220	1-1/8"
0920215	3/16"		
		20222	
		1-1/4"	
		Tool Roll	

<b>11 PIECE (12 Pt.) METRIC SET</b>			
<b>Order No. 29017</b>		<b>Price</b> <input type="text"/>	
Order No.	Description	Order No.	Description
20307	7mm	20314	14mm
20308	8mm		
20309	9mm	20315	15mm
20310	10mm		
20311	11mm	20317	17mm
20312	12mm		
20313	13mm	20319	19mm

<b>18 PIECE (12 Pt.) INCH / METRIC SET</b>			
<b>Order No. 29020</b>		<b>Price</b> <input type="text"/>	
Order No.	Description	Order No.	Description
20470	1/4"	20417	11mm
20471	5/16"		
20472	3/8"	20418	12mm
20473	7/16"		
20474	1/2"	20419	13mm
20475	9/16"		
20476	5/8"	20420	14mm
20477	11/16"		
20478	3/4"	20421	15mm
20416	10mm		
		20422	16mm
		20424	18mm

12 PT. COMBINATION WRENCHES							
Size	Dimensions (Inch)					Order No.	Price
	A	B	C	D	E		
1/4"	3.99	.54	.18	.38	.23	20204	
5/16"	4.38	.72	.20	.47	.25	20206	
3/8"	5.32	.81	.20	.56	.29	0920208	
7/16"	5.88	.87	.24	.66	.30	20209	
1/2"	6.54	.98	.27	.75	.32	20210	
9/16"	7.13	1.14	.29	.84	.35	0920211	
5/8"	8.00	1.28	.32	.94	.39	0920212	
11/16"	8.81	1.39	.35	1.03	.42	0920213	
3/4"	9.67	1.50	.36	1.06	.45	20214	
13/16"	10.58	1.69	.37	1.18	.48	0920215	
7/8"	11.56	1.69	.38	1.28	.48	0920216	
15/16"	12.58	1.86	.39	1.37	.51	0920217	
1"	13.56	1.94	.42	1.47	.55	0920218	
1-1/16"	14.69	2.16	.44	1.61	.55	0920219	
1-1/8"	15.63	2.20	.48	1.65	.58	0920220	
1-1/4"	16.94	2.49	.51	1.82	.58	20222	
1-5/16"	18.31	2.52	.53	1.92	.62	20223	
1-3/8"	20.35	2.88	.78	2.16	.94	20224	
1-7/16"	20.35	2.88	.78	2.16	.94	20225	
1-1/2"	20.35	2.88	.78	2.16	.94	20226	
1-5/8"	24.08	3.44	.79	2.56	.98	20228	
1-11/16"	24.08	3.44	.79	2.56	.98	20229	
1-3/4"	26.09	3.70	.83	2.75	1.01	20230	
1-13/16"	26.09	3.70	.83	2.75	1.01	20231	
1-7/8"	27.10	3.88	.86	2.94	1.04	20232	
2"	28.75	4.88	.88	3.50	1.31	20234	
2-1/16"	28.75	4.88	.88	3.50	1.31	20235	
2-1/8"	28.75	4.88	.88	3.50	1.31	20236	
2-3/16"	28.75	4.88	.88	3.50	1.31	20237	
2-1/4"	28.75	4.88	.88	3.50	1.31	20238	
2-3/8"	28.75	4.88	.88	3.50	1.31	20239	
2-1/2"	28.75	4.88	.88	3.50	1.31	20240	

12 PT. METRIC COMBINATION WRENCHES							
Size mm	Dimensions (Inch)					Order No.	Price
	A	B	C	D	E		
7	4.24	.53	.19	.44	.23	20307	
8	4.38	.72	.20	.47	.25	20308	
9	4.91	.70	.20	.52	.26	20309	
10	5.55	.81	.22	.62	.29	20310	
11	5.88	.87	.24	.66	.30	20311	
12	6.27	.94	.25	.72	.32	20312	
13	6.54	.98	.27	.75	.32	20313	
14	7.13	1.14	.29	.84	.35	20314	
15	7.59	1.20	.30	.90	.37	20315	
16	8.00	1.28	.32	.94	.39	20316	
17	8.45	1.36	.33	.99	.40	20317	
18	8.81	1.39	.35	1.03	.42	20318	
19	9.67	1.50	.36	1.06	.45	20319	
20	10.30	1.56	.36	1.13	.46	20320	
21	10.95	1.63	.37	1.21	.47	20321	
22	11.56	1.69	.38	1.28	.48	20322	
23	12.20	1.78	.38	1.33	.50	20323	
24	12.80	1.86	.39	1.38	.51	20324	
25	13.56	1.94	.42	1.47	.55	20325	
26	14.12	2.16	.44	1.61	.55	20326	
27	14.69	2.16	.44	1.61	.55	20327	
28	15.25	2.20	.48	1.65	.58	20328	
29	15.37	2.43	.52	1.78	.58	20329	
30	16.30	2.43	.52	1.78	.58	20330	
32	16.94	2.49	.51	1.82	.58	20332	



**WRENCHES**  
SERIES 903:



**GEARED HEAD BOX**



- **Access** : The small head design of the Geared Box Wrench allows access into tight areas and the 72 teeth ratcheting action allows the wrench to be turned easily while working in those tight areas. This is a combination guaranteed to make your job easier.
- **Speed** : The short ratcheting arc allows the fastener to be turned in confined areas, which helps you get your work done quickly.
- **Strength** : When you need to break loose tough fasteners or really tighten down a nut, the traditional box end - with its lobular design - keeps the wrench from slipping. And the long pattern forging gives you the extra leverage you need.

- **Made in the U.S.A.:** The geared box Wrench has All Steel Construction and is forged and heat treated in the USA using high alloy, domestically produced steel.
- **Safety** : The one piece design of the Geared Box Wrench won't split apart like a traditional ratcheting box wrench and the closed head design keeps out dirt and debris.
- **All Steel Construction** : The Geared Box Wrench includes a precision machined steel insert ring.
- **Lifetime Warranty** : If any Armstrong tool ever fails to give complete satisfaction, return it to your Armstrong Distributor and it will be repaired or replaced free of charge.

**Individual Sizes**

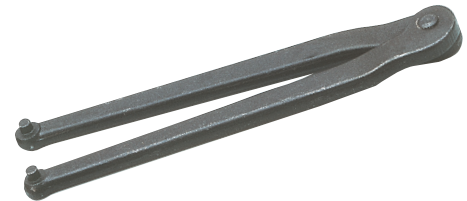
Size	Order No.	Price	Size	Order No.	Price
3/8"	0027510		10mm	9954510	
7/16"	0027511		11mm	9954511	
1/2"	0027512		12mm	9954512	
9/16"	0027513		13mm	9954513	
5/8"	0027514		14mm	9954514	
11/16"	0027515		15mm	9954515	
3/4"	0027516		16mm	9954516	
			17mm	9954517	
			18mm	9954518	
			19mm	9954519	

**Sets (Supplied in vinyl roll)**

Description	Order No.	Price
7 pc. Fractional: 3/8", 7/16, 1/2", 9/16", 5/8", 11/16", 3/4"	0027609	
10 Pc. Metric: 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm	9954609	
17 Pc. Combination Fractional/Metric: 3/8", 7/16", 1/2", 9/16, 5/8", 11/16", 3/4" 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm	0027708	

**ADJUSTABLE FACE SPANNER**

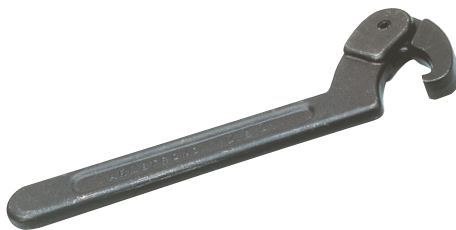
Order No.	Capacity Inches	Pin Specifications		Lgth Inches	Weight Lbs.	Price
		Extreme Diameter Inches	Height Inches			
34151	2	3/16	1/8	6-3/8	.32	
34154	3	1/4	3/16	8-1/4	.57	
34157	4	5/16	1/4	10-3/8	.99	



Pins forged integral with wrench and milled to exact sizes listed.

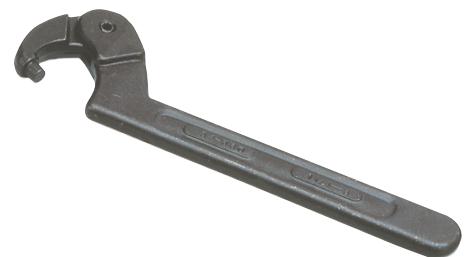
**ADJUSTABLE HOOK SPANNER**

Order No.	Capacity Range for Diameters Inches	Hook Specifications		Lgth Inches	Weight Lbs.	Price
		Thickness Inches	Depth Inches			
34301	3/4 - 2	11/32	1/8	6-3/8	.27	
34305	1-1/4 - 3	13/32	5/32	8-1/8	.53	
34307	2 - 4-3/4	15/32	3/16	11-3/8	1.06	
34310	4-1/2 - 6-1/4	15/32	1/4	12-1/8	1.23	
34313	6-1/8 - 8-3/4	15/32	5/16	13-3/4	1.36	



**ADJUSTABLE PIN SPANNER**

Order No.	Capacity Range for Diameters Inches	Hook Thickness Inches	Pin Specifications		Lgth Inches	Weight Lbs.	Price
			Dia. Inches	Height Inches			
34351	3/4 - 2	11/32	1/8	1/8	6-3/8	.27	
34354	3/4 - 2	11/32	3/16	5/32	6-3/8	.27	
34358	1-1/4 - 3	13/32	3/16	3/16	8-1/8	.53	
34361	1-1/4 - 3	13/32	1/4	7/32	8-1/8	.49	
34363	2 - 4-3/4	15/32	1/4	1/4	11-3/8	1.07	
34366	4-1/2 - 6-1/4	15/32	3/8	1/4	12-1/8	1.20	



Pins forged integral with wrench and milled to exact sizes listed.

INDUSTRIAL SUPPLIES



**HAND TOOLS**

SERIES 442:



**BALL PEIN HAMMERS  
WOOD HANDLES**



- Hardened and tempered on striking face
- Excellent wedging for longer life
- Faces polished
- Hammer perfectly balanced
- Seasoned wood handle

Size	Order No.	Price
1/16 lb.	4420219	
1/8 lb.	4420220	
1/4 lb.	4420221	
1/2 lb.	4420222	
3/4 lb.	4420223	
1 lb.	4420224	
1-1/2 lb.	4420225	
2 lb.	4420226	
3 lb.	4420227	

**RUBBER MALLET - 16 oz**



Non-mar smooth finish head of finest quality rubber. Smooth hardwood handle.

Order No. 2470000	Price	
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**DEAD-BLOW HAMMERS**

- Made of extra durable polyurethane



**STANDARD-HEAD**

Face Dia.	Head Lgth	Weight	Order No.	Price
1-1/4"	3-1/8"	13 oz.	4420080	
1-3/4"	3-3/4"	21 oz.	4420148	
2"	4-1/8"	26 oz.	4420200	
2-1/4"	4-5/8"	45 oz.	4420216	
2-3/4"	5-3/8"	53 oz.	4420248	

INDUSTRIAL SUPPLIES

**JEWELER'S SCREWDRIVERS  
SERIES 213:**



High quality screwdrivers ideal for hobbyists, technicians, mechanics and do-it-yourselfers. Also used by jewelers, watchmakers, instrument makers, subminiature parts assemblers and model makers.



**Four Bit Technician Screwdriver**

- High quality screwdriver ideal for hobbyist, technician, mechanic and do-it-yourselfer.
- Four heat treated bits: Nos. 0 and 1 crosspoint, .125 and .100 straight blade.
- Bits store in handle.
- Knurled aluminum body with swivel head.
- Steel collet for greater strength.
- Overall size is 3/8" x 6-1/2".

Model No.	Order No.	Price
608	42561	

**Jeweler's Screwdriver Set**

- Nickel plated blade sizes: .100", .080", .070", .055", .040", .025".
- Screw chucks have identification rings showing blade size.
- Overall length 3-7/8".
- Conforms to government specifications GGG-S-1808.
- Plastic case.



**Individual Screwdrivers**

Model No.	Blade Width	Order No.	Price
600-0	.100	42515	
600-1	.080	42518	
600-2	.070	42521	
600-3	.055	42524	
600-4	.040	42527	
600-5	.025	42530	

**Set of Six**

Model No.	Order No.	Price
SPC600	42568	

**JEWELER'S SCREWDRIVERS  
STARRETT SERIES 555:**



- Screwdrivers are made for relatively small and delicate work.
- Bodies are made from steel, nicely knurled and are either nickel or chrome plated.
- Blades are replaceable and are made from the best quality steel, properly tempered and nickel plated.
- The swivel knobs are concave to fit the finger and are hexagonal in shape to prevent rolling when laid down.
- When not in use, blades can be reversed into the screwdriver body.
- Furnished in vinyl case.
- Approximate length 3-3/4"(95mm)

Blade Width- Inch(mm)	Catalog No.	EDP No.	Price
.025"(0.6mm)	555AA	52549	
.040"(1mm)	555A	52550	
.055"(1.4mm)	555B	52551	
.070"(1.8mm)	555C	52552	
.080"(2mm)	555D	52553	
.100"(2.5mm)	555E	52554	
#0 Phillips	555F	52561	

**SETS**

Description	Catalog No.	EDP No.	Price
Set of 6 – Nos. 555AA, A, B, C, D, E	S555Z-6	52564	
Set of 7 – Nos. 555AA, A, B, C, D, E, F	S555Z-7	52566	



**SCREWDRIVERS**

SERIES 802:



**PRECISION SCREWDRIVERS**

Precision screwdrivers have a tapered handle that allows rapid rotation. Precision handle, high quality plastic. Rotating cap for precise turning and control with fingertip. Blade CVM steel, hardened, chrome-plated. Precision ground tips for exact fit. Vapor chromed non-slip surface.

Order No.	Description	Price
26190	7 pc. Slotted/Phillips Set Slotted sizes: 1.5, 2.0, 2.5, 3.0mm Phillips sizes: 00,0,1	
26390	7 pc. Hex driver metric Hex metric sizes: 0.7, 0.9, 1.3, 1.5, 2.0, 2.5, 3.0mm	
26391	8 pc. Hex driver inch Hex inch sizes: .028, .035, .050, 1/16, 5/64, 3/32, 7/64, 1/8"	
26790	6 pc. Torx® Set Torx® sizes: T6, T7, T8, T9, T10, T15	
26008	SL 1/32" (.80mm) x 1.6" (40mm)	
26010	SL .039" (1.0mm) x 1.6" (40mm)	
26012	SL 3/64" (1.2mm) x 1.6" (40mm)	
26015	SL 1/16" (1.5mm) x 1.6" (40mm)	
26018	SL .070" (1.8mm) x 1.6" (40mm)	
26020	SL 5/64" (2.0mm) x 1.6" (40mm)	
26022	SL 5/64" (2.0mm) x 2" (50mm)	
26023	SL 5/64" (2.0mm) x 4" (100mm)	
26025	SL 3/32" (2.5mm) x 2" (50mm)	
26027	SL 3/32" (2.5mm) x 4" (100mm)	
26030	SL 1/8" (3.0mm) x 2" (50mm)	
26032	SL 1/8" (3.0mm) x 2.4" (60mm)	
26033	SL 1/8" (3.0mm) x 4" (100mm)	
26034	SL 1/8" (3.0mm) x 6" (150mm)	
26035	SL 9/64" (3.5mm) x 2.4" (60mm)	
26040	SL 5/32" (4.0mm) x 2.4" (60mm)	
26041	SL 5/32" (4.0mm) x 4" (100mm)	
26042	SL 5/32" (4.0mm) x 6" (150mm)	
26100	PH 00 x 1.6" (40mm)	
26102	PH 000 x 1.6" (40mm)	
26105	PH 0 x 2" (50mm)	
26108	PH 0 x 3" (75mm)	
26110	PH 1 x 2.4" (60mm)	
26113	PH 1 x 3.1" (80mm)	
9926115	PH 1 x 6" (150mm)	
26307	Hex .028" (0.7mm) x 1.6" (40mm)	
26309	Hex .035" (0.9mm) x 1.6" (40mm)	
26313	Hex .050" (1.27mm) x 1.6" (40mm)	
26316	Hex 1/16" x 2" (50mm)	
26320	Hex 5/64" (2.0mm) x 2" (50mm)	
26323	Hex 3/32" x 2.4" (60mm)	
26327	Hex 7/64" x 2.4" (60mm)	
26331	Hex 1/8" x 2.4" (60mm)	
26703	TX T3 x 1.6" (40mm)	
26704	TX T4 x 1.6" (40mm)	
26705	TX T5 x 1.6" (40mm)	
26706	TX T6 x 1.6" (40mm)	
26707	TX T7 x 1.6" (40mm)	
26708	TX T8 x 1.6" (40mm)	
26709	TX T9 x 2" (50mm)	
26710	TX T10 x 2" (50mm)	
26715	TX T15 x 2.4" (60mm)	
26720	TX T20 x 2.4" (60mm)	



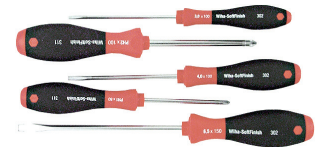
SLOTTED

HEX PHILLIPS

TORX

**SOFTFINISH SCREWDRIVERS**

Wiha SoftFinish Slotted/Phillips screwdrivers have ergonomic cushion grip handles, multicomponent. Round blade, high alloy CVM steel, hardened, chrome-plated. \*Set includes: Slotted sizes: 3.0, 4.0, 6.5mm Phillips sizes: 1, 2



Order No.	Description	Price
30295	5 pc. Slotted/Phillips Set*	
30205	SL 1/8" (3.0mm) x 4" (100mm)	
30210	SL 9/64" (3.5mm) x 4" (100mm)	
9930215	SL 5/32" (4.0mm) x 4" (100mm)	
30217	SL 5/32" (4.0mm) x 6" (150mm)	
30220	SL 7/32" (5.5mm) x 5" (125mm)	
30223	SL 1/4" (6.5mm) x 4" (100mm)	
30225	SL 1/4" (6.5mm) x 6" (150mm)	
9930227	SL 5/16" (8.0mm) x 6" (150mm)	
30230	SL 5/16" (8.0mm) x 7" (175mm)	
30235	SL 3/8" (10.0mm) x 8" (200mm)	
31105	PH 0 x 2.4" (60mm)	
31110	PH 1 x 3.1" (80mm)	
31112	PH 1 x 8" (200mm)	
31114	PH 1 x 12" (300mm)	
31115	PH 2 x 4" (100mm)	
31117	PH 2 x 8" (200mm)	
31118	PH 2 x 12" (300mm)	
31120	PH 3 x 6" (150mm)	

SLOTTED

PHILLIPS

**MICROFINISH SCREWDRIVERS**

Wiha MicroFinish Slotted/Phillips screwdrivers have ergonomic nonslip grip handles, cellulose-acetate, impact resistant. Blade high alloy CVM steel, hardened, chrome-plated. Exact fit precision ground tips. \*Set includes: Slotted sizes: 4.0, 5.5, 8.0mm. Phillips sizes: 1,2



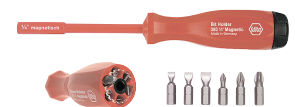
Order No.	Description	Price
52090	5 pc. Slotted/Phillips Set*	
9952005	SL 5/32" (4.0mm) x 4" (100mm)	
9952010	SL 5/32" (4.0mm) x 6" (150mm)	
9952020	SL 7/32" (5.5mm) x 5" (125mm)	
52025	SL 7/32" (5.5mm) x 6" (150mm)	
52035	SL 1/4" (6.5mm) x 6" (150mm)	
9952040	SL 5/16" (8.0mm) x 6" (150mm)	
52050	SL 3/8" (10.0mm) x 8" (200mm)	
52105	PH 1" x 3.1" (80mm)	
9952110	PH 1" x 8" (200mm)	
9952115	PH 2" x 4" (100mm)	
9952120	PH 2" x 8" (200mm)	
52125	PH 3" x 6" (150mm)	

SLOTTED

PHILLIPS

**MULTI-BIT SCREWDRIVER SET**

Wiha PowerHandle, cellulose-acetate, impact resistant. Snap lock rotatable cap. Chambered bit holder equipped with transparent selector and 6 bits. Shaft CVM steel, hardened, chrome-plated. 1/4" bit holder, stainless steel. Slotted sizes include: 5.5, 6.5, 8.0mm Phillips sizes include: 1, 2, 3



Order No.	Description	Price
38006	6 pc. Slotted/Phillips Set	

While we show only the popular items we can supply their entire range of products; please inquire.



**HAND TOOLS**  
SERIES 871:




INDUSTRIAL SUPPLIES


**8 PIECE-SCREWDRIVER SET IN STORAGE TRAY**

Order No. 30847 Price

Size/Length	Description
3/16" x 3"	Cabinet Tip - Slotted
#1 x 3"	Phillips Tip
#2 x 4"	Phillips Tip
#3 x 6"	Phillips Tip
1/4" x 4"	Round Blade - Slotted
5/16" x 6"	Round Blade - Slotted
1/4" x 1-1/2"	Slotted Stubby
#2 x 1-1/2"	Phillips Stubby




**SLOTTED STUBBY SCREWDRIVER**



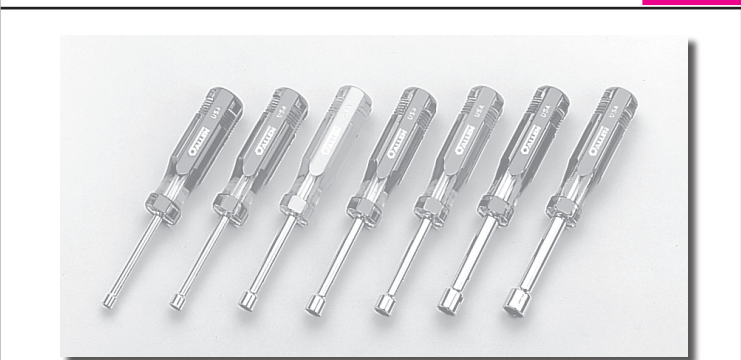
Description	Overall Length	Order No.	Price
1/4" x 1-1/2"	3-1/2"	30844	<input type="text"/>

**PHILLIPS STUBBY SCREWDRIVER**




Description	Overall Length	Order No.	Price
#2 x 1-1/2"	3-1/2"	30845	<input type="text"/>

**7 PIECE - METRIC SOLID SHAFT NUT DRIVER SET IN POUCH** Order No: 30821 Price




Size (mm)	Description	Order No.	Price
5	Nut Driver 5mm	30854	<input type="text"/>
6	Nut Driver 6mm	30856	
7	Nut Driver 7mm	30857	
8	Nut Driver 8mm	30858	
9	Nut Driver 9mm	30859	
10	Nut Driver 10mm	30860	
11	Nut Driver 11mm	30861	

**CABINET TIP SLOTTED SCREWDRIVER**




Description	Overall Length	Order No.	Price
3/16" x 3"	5-3/4"	30833	<input type="text"/>
3/16" x 6"	9-1/2"	30834	

**PHILLIPS TIP SCREWDRIVER**




Description	Overall Length	Order No.	Price
#0 X 2-1/2" w/clip	4-3/8"	30835	<input type="text"/>
#1 X 3"	6-1/2"	30836	
#2 X 4"	7-1/2"	30837	
#3 X 6"	9-1/2"	30838	

**ROUND BLADE SLOTTED SCREWDRIVER**



Description	Overall Length	Order No.	Price
1/4" x 4"	8-1/4"	30839	<input type="text"/>
1/4" x 6"	10-1/4"	30840	
5/16" x 6"	10-3/4"	30841	

**SQUARE BLADE SLOTTED SCREWDRIVER**




Description	Overall Length	Order No.	Price
5/16" x 6"	10-3/4"	30842	<input type="text"/>
3/8" x 8"	13"	30843	

**7 PIECE - SOLID SHAFT NUT DRIVER SET IN POUCH** Order No. 30820 Price



Size	Description	Order No.	Price
3/16"	Nut Driver 3/16"	30802	<input type="text"/>
1/4"	Nut Driver 1/4"	30804	
5/16"	Nut Driver 5/16"	30806	
11/32"	Nut Driver 11/32"	30807	
3/8"	Nut Driver 3/8"	30808	
7/16"	Nut Driver 7/16"	30809	
1/2"	Nut Driver 1/2"	30810	

 While we show only the most popular ALLEN items we can supply their entire range of products; please inquire.



**SCREWDRIVERS**  
SERIES 903:



**STANDARD TIP, SQUARE SHANK**



Tip Width x Blade Length	Overall Length	Order No.	Price
1/4 x 1-5/16"	3-1/16"	66541	
1/4 x 4	8-1/4	66544	
3/8 x 12	17-7/16	66546	
5/16 x 6	10-7/8	66547	
3/8 x 8	12-7/8	66550	
3/8 x 10	14-7/8	66553	

**CABINET TIP, ROUND SHANK**



Tip Width x Blade Length	Overall Length	Order No.	Price
3/16 x 3"	6-5/8"	66561	
3/16 x 4	7-3/4	66563	
3/16 x 6	8-5/8	66564	
3/16 x 8	11-5/8	66567	
3/16 x 10	13-5/8	66570	

**STANDARD TIP, ROUND SHANK**



Tip Width x Blade Length	Overall Length	Order No.	Price
3/16 x 3"	7-3/4"	66502	
1/4 x 4 (.037")*	8-29/32	66505	
1/4 x 4 (.040")*	8-1/4	66501	
5/16 x 6	10-7/8	66504	
3/8 x 10	15-7/16	66509	
3/8 x 12	17-7/16	66510	
3/8 X 8	12-7/8	66507	

\*Tip Thickness

**PHILLIPS TIP, ROUND SHANK**



Tip Size X Blade Length	Overall Length	Order No.	Price
#2 x 1-5/16"	3-1/16"	66521	
#1 x 3	6-5/8	66524	
#2 x 4	8-1/4	66527	
#2 x 6	10-29/32	9966526	
#2 x 12	16-29/32	66528	
#3 x 6	10-7/8	66530	

**8 PIECE SCREWDRIVER SET**

Contains (5) Slotted, Round Shank and (3) Phillips sizes in vinyl roll.

**CUSHION GRIP**

Slotted	Phillips
1/4 x 4" (.040")*	1 x 3"
3/16 x 3	2 x 4"
5/16 x 6	3 x 6"
1/4 x 4 (.037")*	
3/8 x 8	

\*Tip Thickness



Order No. 66612	Price
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**MULTI-BIT SCREWDRIVER**

SERIES 526:

This 5-in-ONE offers four different bits in one screwdriver plus a nut driver. The bits reverse in the tube and the tube reverses in the handle. There is a 1/4" & 3/16" slotted bit and a #1 & #2 phillips bit. The chrome/nickel plated tube is a hex tube to create a 5/16" nut driver on either end. The handle has a wide diameter for a better, more comfortable grip.



Order No. 22000	Price
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**DEAD-BLOW HAMMERS**

SERIES 855:

- One-piece construction
- No exposed metal on handles or heads
- No mark, no spark, complete protection and safety for machinery, product and worker
- Trucothane™ is custom formulated to set a new standard for soft face performance and durability. Eliminates mushrooming, splitting, absorption of liquids, contamination and chip pickup in faces
- Outlasts rawhide, rubber, brass, lead, nylon and other plastic-type heads by 10-20 times
- Exclusive textured, nonslip, comfort contoured handle and safety flanged butt provide sure grip and reduce fatigue



**STANDARD-HEAD**

Face Dia.	Head Lgth	Weight	Order No.	Price
1-1/4"	3-1/8"	13 oz.	4249000	
1-3/4"	3-3/4"	21 oz.	4249011	
2-1/4"	4-1/8"	26 oz.	4249022	
2-3/4"	4-5/8"	45 oz.	4249033	
	5-3/8"	53 oz.	4249044	

**SLIM-LINE**

Face Dia.	Head Lgth	Weight	Order No.	Price
7/8"	2-7/8"	8 oz.	4239050	
1-1/4"	4-3/16"	18 oz.	4239061	
1-1/2"	4-1/4"	22 oz.	4239072	
1-3/4"	5-3/16"	26 oz.	4239083	

**RAWHIDE MALLET**

SERIES 416:

Garland's all-rawhide mallets are made of tough, long-wearing, water buffalo rawhide. They're ideal for use on broad-faced striking surfaces in a broad range of applications.



Face Dia.	Weight	Order No.	Price
1"	2 oz.	4211000	
1-1/4"	4 oz.	4211001	
1-1/2"	6 oz.	4211002	
1-3/4"	9 oz.	4211003	
2"	11 oz.	4211004	
2-3/4"	22 oz.	4211005	
2-3/4"	24 oz.	4211006	



**SPLIT-HEAD HAMMERS**

SERIES 416:

The split-head hammer does the work of two different hammers because the faces can be easily changed. Two face types are available: rawhide and nylon. Specify face type when ordering.



Hammer with Rawhide Faces

Face Dia.	Weight	Order No.	Price
1-1/4"	1-1/2 lbs	4431001	
1-1/2"	2 lbs	4431002	
1-3/4"	2-3/4 lbs	4431003	
2"	4 lbs	4431004	
2-3/4"	6-1/2 lbs.	4431005	



Hammer Faces

Face Dia.	Rawhide Order No.	Price/Pair	Nylon Order No.	Price/Pair
1-1/4"	4221001		4222001	
1-1/2"	4221002		4222002	
1-3/4"	4221003		4222003	
2"	4221004		4222004	
2-3/4"	4221005		4222005	

**BRASS HAMMERS**

SERIES 855:

- Non-sparking
- Will not mar finished iron or steel surfaces
- Premium hickory handle



Approx. Wt. (lb.)	Face Dia.	Handle Lgt.	Order No.	Price
1/2	1"	12"	8550701	
1	1-1/8"	12"	8550702	
1-1/2	1-3/8"	13"	8550703	
2	1-3/8"	13"	8550704	
3	1-1/2"	14"	8550705	
4	1-5/8"	16"	8550706	
5	1-3/4"	16"	8550707	
6	1-3/4"	16"	8550708	
10	2"	26"	8550709	

**LEAD HAMMERS**

SERIES 855:

- Lead alloy provides the softest blow
- Steel handle with ergonomic shur-grips
- Excellent dead-blow hammer



Approx. Wt. (lb.)	Face Dia.	Handle Lgt.	Order No.	Price
1	3/4"	9"	9550113	
2	1-3/16"	9"	9550114	
3	1-5/8"	9-1/2"	9550115	
4	1-9/16"	9-1/2"	9550116	
5	1-5/8"	9-1/2"	9550117	
11	2"	26"	9550123	

**NO-MAR HAMMERS WITH REPLACEABLE POLYURETHANE PRESS-ON TIPS**

Head Dia.	Head Length	Handle Length	Approx. Weight	Fiberglass Handle		Wood Handle		(Repl't)-Tips	
				Order No.	Price	Order No.	Price	Order No.	Price
5/8"	2-1/4"	8"	3-3/4 oz.	2021700		2020700		2027001	
3/4"	2-1/2"	10"	4-1/2 oz.	2021701		2020701		2027011	
1"	3-1/4"	11"	1/2 lb.	2021705		2020705		2027051	
1-1/4"	3-3/4"	13"	3/4 lb.	2021707		2020707		2027071	
1-1/2"	4"	13"	1-1/4 lb.	2021717		2020717		2027171	

**HAMMERS**

SERIES 202:



**NO-MAR HAMMERS WITH SCREW ON TIPS**

Aluminum Head



Head Dia.	Head Length	Handle Length	Handle Type	Order No.	Price
1"	3-1/2"	11"	Wood	2021770	
1"	3-1/2"	11"	Fiberglass	2020770	
1-1/2"	4-1/2"	12"	Wood	2021772	
1-1/2"	4-1/2"	12"	Fiberglass	2020772	
2"	5"	13"	Wood	2021774	
2"	5"	13"	Fiberglass	2020774	

Screw on Tips

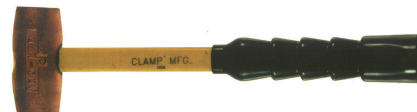
Hammers come with green and red tips

Color	1"		1-1/2"		2"	
	Order No.	Price	Order No.	Price	Order No.	Price
Green (Tough)	2027711		2027731		2027751	
Red (Medium)	2027712		2027732		2027752	
Brown (Soft)	2027713		2027733		2027753	
Cream (Med. Hard)	2027714		2027734		2027754	
Black (Hard)	2027715		2027735		2027755	

**NO-MAR COPPER AND BRASS HAMMERS**

With Fiberglass Handles

- Non spark
- Non magnetic



Face Dia.	Weight	Brass Order No.	Price	Copper Order No.	Price
7/8"	8 oz.	2020750		2020760	
1"	1 lb.	2020751		2020761	
1-1/4"	1-1/2 lb	20207515		20207615	
1-1/4"	2 lb	2020752		2020762	
1-1/2"	3 lb	2020753		2020763	

**NO-MAR LEAD HAMMERS**

STEEL HANDLES WITH VINYL GRIPS



Face Dia.	Head Length	Weight	Handle Length	Order No.	Price
3/4"	2-5/8"	1 lb	9"	2020731	
1-1/8"	2-5/8"	2 lb	10"	2020732	
1-9/16"	3-1/8"	3 lb	10"	2020733	
1-5/8"	3-3/4"	5 lb	10"	2020735	





**HAND TOOLS**  
SERIES 871

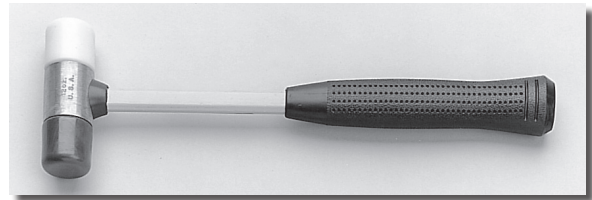


**BALL PEIN - WOOD HANDLE HAMMERS**



Head Weight	Length	Order No.	Price
2 oz	10"	25700	
4 oz	10-1/4"	25701	
8 oz	12-1/4"	25702	
12 oz	13-1/2"	25703	
16 oz	14-1/4"	25704	
20 oz	14-1/2"	25705	
24 oz	15-1/2"	25706	
32 oz	16"	25707	
40 oz	16"	25708	
48 oz	16"	25709	

**SOFT FACE HAMMER**



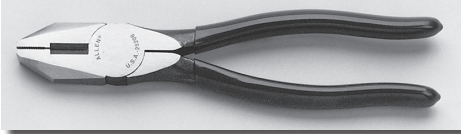
Head Weight	Length	Order No.	Price
12 oz	11-5/8"	25716	

**RUBBER MALLET HAMMERS**



Head Weight	Length	Order No.	Price
20 oz	13-1/2"	25714	
28 oz	16-1/2"	25715	

**LINESMAN PLIERS**



Length	Order No.	Price
8.00	25208	

**ADJUSTABLE WRENCHES**



Length	Order No.	Price	Length	Order No.	Price
4.00	24004		12.00	24012	
6.00	24006		15.00	24015	
8.00	24008		18.00	24017	
10.00	24010		24.00	24024	

**CHAIN NOSE PLIERS WITH CUTTER**



Length	Order No.	Price
6.50	25206	
8.00	25608	

**SLIP JOINT PLIERS**



Overall Length	Order No.	Price
6.00	25106	
8.00	25108	

**HEAVY DUTY DIAGONAL CUTTING PLIERS**



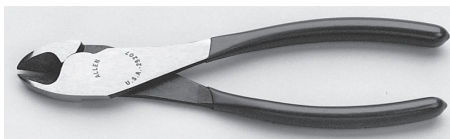
Length	Order No.	Price
7.00	25207	

**RIB LOCK - CHROME FINISH PLIERS**



Length	Order No.	Price
10.00	25310	
16.00	25316	

**DIAGONAL CUTTING PLIERS**



Length	Order No.	Price
5.00	25404	
6.00	25406	
7.00	25407	

While we show only the most popular items we can supply their entire range of products; please inquire.

INDUSTRIAL SUPPLIES





Made In U.S.A. OR OTHER FINE BRANDS

**HAND TOOLS**

SERIES 88:



Made In U.S.A.

**TONGUE & GROOVE PLIERS**



**Features:**

- Patented Perma Lock fastener.
- Polished steel.

Size	Capacity	Model No.	Order No.	Price
4-1/2	1/2	424	0880424	
6-1/2	7/8	426	0880426	
9-1/2	1-1/2	420	0880420	
10	2	430	0880430	
12	2-1/4	440	0880440	

**DIAGONAL CUTTING PLIERS**

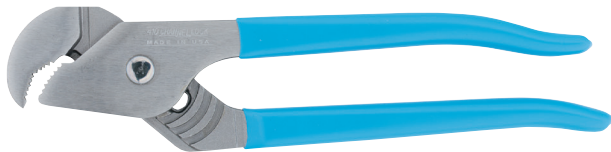


**Features:**

- Polished steel finish.
- Perfectly mated cutting edges.

Size	Model No.	Order No.	Price
7	337	0880337	
7-3/4	447	0880447	

**NUTBUSTER PLIER**



**Features:**

- Right angle teeth grip in all directions.
- Double Tongue and Groove - won't slip.

Size	Model No.	Order No.	Price
9-1/2	410	0880410	

**LONG NOSE PLIERS**

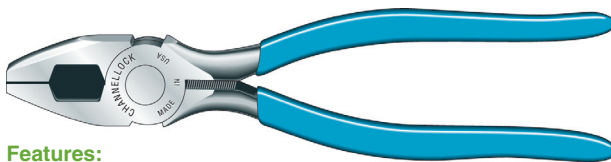


**Features:**

- Polished steel finish.
- Hand honed.
- Side cutter

Size	Model No.	Order No.	Price
6	326	0880326	
7-1/2	317	0880317	

**LINEMEN'S PLIERS**



**Features:**

- Polished steel finish.
- Perfectly mated cutter.
- Rounded nose.

Size	Model No.	Order No.	Price
8-1/2	348	0880348	
9*	369	0880369	

\*High Leverage

**WIRING TOOL**



**Features:**

- Crimps both insulated and non-insulated wire.
- Strips wire without damaging the conductor.

Size	Model No.	Order No.	Price
8	908	0880908	

INDUSTRIAL SUPPLIES



While we show only the most popular **CHANNEL LOCK** items we can supply their entire range of products; please inquire.

- High Grade alloy steel scientifically hardened & tempered.
- Nickel plated finish.
- Exerts more than a ton of pressure between jaws.
- Adjustable to ratchet-like action.

**STRAIGHT JAWS**

REGULAR MODEL  
WITHOUT WIRE CUTTER



Length	Jaw Thick	Jaw Adjusts	Model No.	Order No.	Price
7	5/16	1-1/8	7R	9270007	
10	5/8	1-5/8	10R	9270010	

**CURVED JAWS**

THIN NOSE  
WITH WIRE CUTTER



Length	Jaw Thick	Jaw Adjusts	Model No.	Order No.	Price
4	1/4	15/16	4WR	9271104	
5	1/4	1-1/4	5WR	9271105	
7	5/16	1-5/8	7WR	9271107	
10	3/8	1-7/8	10WR	9271110	

**CURVED JAWS**

THIN NOSE  
WITHOUT WIRE CUTTER



Length	Jaw Thick	Jaw Adjusts	Model No.	Order No.	Price
7	5/16	1-5/8	7CR	9270107	
10	3/8	1-7/8	10CR	9270110	

**20R LOCKING CHAIN CLAMP**

Holds and locks around any shape, any size. Adjusts quickly for ratchet action in either direction.



- Size: 9"
- Effective Chain Length: 18"

Order No. 9270020	Price	
-------------------	-------	--

**LOCKING SHEET METAL TOOL**

FOR BENDING,  
FORMING & CRIMPING

Locks to work with powerful grip. Makes all kinds of bending, forming, crimping jobs easier and faster.



Length	Jaw Width	Throat Depth	Model No.	Order No.	Price
8	3-1/8	1-3/4	8R	9270008	

**“C” CLAMPS WITH EASY RELEASE**

**FEATURES:**

- Made of special alloy steel, hardened and tempered.
- Bright finish.
- Adjusts by means of end screw then locks onto work by a squeeze of the hand. User can hold work with one hand and apply clamp with the other.
- Small jaw area for close quarters. Quick application for repeat jobs. Easy release lever in handle.



Length	Jaw Adjusts	Weight	Model No.	Order No.	Price
6	0-2	7-1/2 oz	6R	9273106	
11	0-4	28 oz	11R	9273111	
18	0-8	40 oz	18R	9273118	

**LOCKING WELDING CLAMP**

DEEP THROATED,  
U-SHAPED JAWS

Deep-throated, U-shaped jaws for visibility and working space. Holds work in proper alignment.



Length	Jaw Width	Throat Depth	Model No.	Order No.	Price
9	2-3/4	1-5/8	9R	9270009	



While we show only the popular **WISE-GRIP®** Locking Tools items we can supply their entire range of products; please inquire.



**IRWIN**

**SNIPS**  
Series 929:

**IRWIN**



104



101



102



103



207



210



212

Size	Cutting Pattern	Maximum Cutting Capacity	Length of Cut	Type	Model No.	Order No.	Price
10"	Straight and curves	Sheet metal, vinyl, plastic, rubber and many other applications.	1-5 1/2"	Utility	21304	9290104	
10"	Left and straight	Up to .84mm/22ga. Stainless and 1.19mm/18ga. Mild Steel	1-5 1/16"	Aviation	2073111	9290101	
10"	Right and straight	Up to .84mm/22ga. Stainless and 1.19mm/18ga. Mild Steel	1-5 1/16"	Aviation	2073112	9290102	
10"	Straight and wide curves	Up to .84mm/22ga. Stainless and 1.19mm/18ga. Mild Steel	1-5 1/16"	Aviation	2073113	9290103	
7"	Tight curves and straight cuts	Up to .45mm/26ga. Cold Rolled Steel, .38mm/28 ga. Stainless Steel	1-1/2"	Tinner	23007	9290207	
10"	Tight curves and straight cuts	Up to .61mm/24ga. Cold Rolled Steel, .45mm/26 ga. Stainless Steel	2"	Tinner	23010	9290210	
12-3/4"	Tight curves and straight cuts	Up to .84mm/22ga. Cold Rolled Steel, .61mm/24 ga. Stainless Steel	2-3/4"	Tinner	23012	9290212	

**AVIATION SNIPS**  
SERIES 442:



**#82 SAFETY NOSE  
RETRACTABLE BLADE KNIFE**  
SERIES 526:



Straight Cut Right Cut Left Cut



The LUTZ #82 is a heavy-duty industrial quality retractable utility knife. The specially built zinc retractor allows for smoother operation in all three cutting positions. The safety nose overlap on both the top and bottom of the knife is its prominent safety feature. The LUTZ #82 is furnished with three heavy duty .025 blades with additional storage in the handle.

Description	Order No.	Price
Straight Cut	2510000	
Right Cut	2510010	
Left Cut	2510020	
3-pc. set	4485418	

Blades of high alloy tool steel drop forged with serrated edges. Comfort grip contoured, color-coded vinyl handles. Compound leverage for extra cutting power. 9-3/4" long, cuts up to 18 gauge.

Order No. 30282 Price:

REPLACEMENT BLADES (PACK OF 5 BLADES)

Order No. 3000925 Price:

REPLACEMENT BLADES (PACK OF 100 BLADES)

Order No. 3000100 Price:



**FASTENER DRIVE TOOLS**

SERIES 843:



**SHANK INSERT BITS (1/4" SHANK)**

- Compact and versatile allowing them to be used as hand tool or power tool accessories

Phillips Insert Bits					
Point Size	Shank	OAL	Pkg. Qty	Order No.	Price
#0	1/4"	1"	25	4392001	
#1	1/4"	1"	25	4392005	
#2	1/4"	1"	25	4392011	
#3	1/4"	1"	25	4392019	
Phillips Drywall Insert Bits					
#2	1/4"	1"	25	4392047	



**1/4" MAGNETIC HEX SHANK BIT HOLDERS**

- Designed for use with insert bits only.

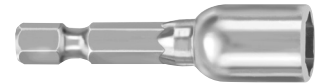


Description	OAL	Order No.	Price
Standard W/ C-Ring	2-1/4"	4393712	
No C-Ring	2-1/4"	4393714	
Knurled	2-15/16"	4393715	
Standard W/C-Ring	2-31/32"	4393718	
No C-Ring	2-31/32"	4393722	

**MAGNETIC POWER NUTSETTERS-FRACTIONAL**

**POWER NUTSETTER:**

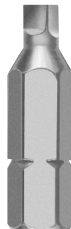
- For use with sheet metal screws and other hexagon head fasteners.
- Standard 6pt. design.



Slotted Insert Bits					
Point Size	Shank	Oal	Pkg. Qty	Order No.	Price
3-4	1/4"	1"	25	4392105	
4-5	1/4"	1"	25	4392107	
6-8	1/4"	1"	25	4392111	
8-10	1/4"	1"	25	4392113	
10-12	1/4"	1"	25	4392115	
12-14	1/4"	1"	25	4392117	
14-16	1/4"	1"	25	4392119	



Square Recess Insert Bits					
Point Size	Shank	OAL	Pkg. Qty	Order No.	Price
#0	1/4"	1"	25	4392201	
#1	1/4"	1"	25	4392203	
#2	1/4"	1"	25	4392205	
#3	1/4"	1"	25	4392207	



Socket Head Insert Bits - Fractional					
Point Size	Shank	OAL	Pkg Qty	Order No.	Price
.050"	1/4"	1-1/4"	10	4392407	
1/16	1/4"	1-1/4"	10	4392403	
5/64	1/4"	1-1/4"	10	4392411	
3/32	1/4"	1-1/4"	10	4392415	
7/64	1/4"	1-1/4"	10	4392419	
1/8	1/4"	1-1/4"	10	4392423	
9/64	1/4"	1-1/4"	10	4392427	
5/32	1/4"	1-1/4"	10	4392431	
3/16	1/4"	1-1/4"	10	4392437	
7/32	1/4"	1-1/4"	10	4392443	
1/4	1/4"	1-1/4"	10	4392451	
5/16	1/4"	1-1/4"	10	4392467	
3/8	1/4"	1-1/4"	10	4392483	



Socket Head Insert Bits - Metric					
Point Size	Shank	OAL	Pkg Qty	Order No.	Price
2mm	1/4"	1-1/4"	10	4392507	
3mm	1/4"	1-1/4"	10	4392509	
4mm	1/4"	1-1/4"	10	4392511	
5mm	1/4"	1-1/4"	10	4392513	
6mm	1/4"	1-1/4"	10	4392515	
8mm	1/4"	1-1/4"	10	4392517	

**SQUARE DRIVE SOCKET ADAPTERS**



- Pinlock design for production applications
- Ball retention design for quick change applications

Sq. drive	Lock Type	OAL	Order No.	Price
1/4"	PIN	2"	4393758	
1/4"	BALL	2"	4393761	
3/8"	PIN	1-5/8"	4393781	
3/8"	BALL	1-5/8"	4393782	
3/8"	PIN	2"	4393783	
3/8"	BALL	2"	4393784	
3/8"	PIN	3"	4393786	
3/8"	BALL	3"	4393787	
1/2"	BALL	2"	4393795	
1/2"	BALL	3"	4393797	

**Quality Hand Tools !**



INDUSTRIAL SUPPLIES



**FASTENER DRIVE TOOLS**

SERIES 843:



- Designed for higher torque capabilities of power tools.
- Fit directly into the power drill chuck or quick change chuck adapter.

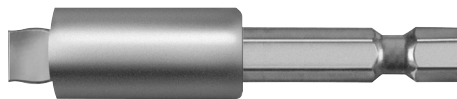
**POWER BITS (1/4" SHANK)**

**SLOTTED POWER BITS**



Point Size	Shank	OAL	Pkg. Qty	Order No.	Price
3-4	1/4"	1-15/16	10	4393103	
4-5	1/4	1-15/16	10	4393105	
5-6	1/4	1-15/16	10	4393107	
6-8	1/4	1-15/16	10	4393109	
8-10	1/4	1-15/16	10	4393111	
10-12	1/4	1-15/16	10	4393113	
12-14	1/4	1-15/16	10	4393115	
3-4	1/4	2-3/4	10	4393123	
4-5	1/4	2-3/4	10	4393125	
5-6	1/4	2-3/4	10	4393127	
6-8	1/4	2-3/4	10	4393129	
8-10	1/4	2-3/4	10	4393131	
10-12	1/4	2-3/4	10	4393133	
12-14	1/4	2-3/4	10	4393135	
3-4	1/4	3-1/2	10	4393155	
4-5	1/4	3-1/2	10	4393157	
5-6	1/4	3-1/2	10	4393159	
6-8	1/4	3-1/2	10	4393161	
8-10	1/4	3-1/2	10	4393163	
10-12	1/4	3-1/2	10	4393165	
12-14	1/4	3-1/2	10	4393167	
3-4	1/4	6	5	4393173	
4-5	1/4	6	5	4393175	
5-6	1/4	6	5	4393177	
6-8	1/4	6	5	4393179	
8-10	1/4	6	5	4393181	
10-12	1/4	6	5	4393183	
12-14	1/4	6	5	4393185	

**SLOTTED POWER BITS WITH FINDER**



Point Size	Shank	OAL	Pkg. Qty	Order No.	Price
5-6	1/4"	2-5/32"	10	4393191	
6-8	1/4"	2-5/32"	10	4393193	
10-12	1/4"	2-5/32"	10	4393195	

**SQUARE RECESS POWER BITS**



Size	Shank	OAL	Pkg. Qty	Order No.	Price
#1	1/4"	1-15/16	10	4393203	
#2	1/4	1-15/16	10	4393205	
#3	1/4	1-15/16	10	4393207	
#1	1/4	2-3/4	10	4393211	
#2	1/4	2-3/4	10	4393213	
#3	1/4	2-3/4	10	4393215	
#1	1/4	6	10	4393230	
#2	1/4	6	10	4393231	
#3	1/4	6	10	4393232	

**TORX® POWER BITS**



Common in automotive and computer industries

Point Size	Shank	Overall Length	Order No.	Price
T6	1/4"	1-15/16"	4393306	
T7	1/4"	1-15/16"	4393309	
T8	1/4"	1-15/16"	4393312	
T9	1/4"	1-15/16"	4393315	
T10	1/4"	1-15/16"	4393318	
T15	1/4"	1-15/16"	4393321	
T20	1/4"	1-15/16"	4393324	
T25	1/4"	1-15/16"	4393327	
T27	1/4"	1-15/16"	4393330	
T30	1/4"	1-15/16"	4393333	
T40	1/4"	1-15/16"	4393336	

**PHILLIPS POWER BITS**



Size	Shank	OAL	Pkg. Qty	Order No.	Price
#1	1/4"	1-15/16	10	4393003	
#2	1/4	1-15/16	10	4393007	
#3	1/4	1-15/16	10	4393011	
#1	1/4	2-3/4	10	4393017	
#2	1/4	2-3/4	10	4393019	
#3	1/4	2-3/4	10	4393021	
#1	1/4	3	10	4393043	
#2	1/4	3	10	4393047	
#3	1/4	3	10	4393049	
#1	1/4	3-1/2	10	4393023	
#2	1/4	3-1/2	10	4393025	
#3	1/4	3-1/2	10	4393029	
#1	1/4	4	10	4393053	
#2	1/4	4	10	4393057	
#3	1/4	4	10	4393059	
#1	1/4	6	10	4393063	
#2	1/4	6	10	4393067	
#3	1/4	6	10	4393069	



While we show only the popular **HANSON** items we can supply their entire range of products; please inquire.

**BALLDRIVER®  
POWER BITS**  
SERIES 805:



- For power tools having a 1/4" hex adapter.



Hex	Blade Length	Order No.	Price
<b>Inch Sizes</b>			
5/64"	3.0"	10804	
3/32"	3.0"	10805	
7/64"	3.0"	10806	
1/8"	3.0"	10807	
9/64"	3.0"	10808	
5/32"	3.0"	10809	
3/16"	3.0"	9910810	
7/32"	3.0"	10811	
1/4"	3.0"	9910812	
5/16"	3.0"	9910813	
3/8"	3.0"	9910814	
1/2"	3.0"	9910816	
<b>Metric Sizes</b>			
2mm	76mm	0910852	
2.5mm	76mm	9910854	
3mm	76mm	0910856	
4mm	76mm	9910860	
5mm	76mm	9910864	
6mm	76mm	9910868	
8mm	76mm	9910872	
10mm	76mm	9910876	
12mm	76mm	0910880	

**DRILL-OUT®  
BROKEN BOLT  
EXTRACTORS**  
SERIES 967:



**ALDEN CORPORATION**



**FEATURES:**

- Removes broken bolts and studs without damaging the hole threads.
- Designed to be used in 3/8" variable speed electric drill.
- Remove broken bolts in a fraction of the time used by manual tools.
- Patented design drill point with self-centering, left cutting drill point, gives the user control and maneuverability while drilling.
- Drill bit and extractor in one tool.
- Sets supplied in plastic case.

**Power Extractors**

Size of Bolt or Stud to be removed	Order No.	Price
1/4" (6mm)	9670016	
5/16" (8mm)	9670020	
3/8" (10mm)	9670024	
1/2" (12mm)	9670032	
4 Piece Set 1/4"-1/2" (6mm-12mm)	9670401	

**Micro Power Extractors**

Size of Bolt or Stud to be removed	Order No.	Price
#5 & #6 (3mm)	9670003	
#8 (4mm)	9670004	
#10 & 12 (5mm)	9670005	
1/4" (6mm)	9670006	
4 Piece Set #5-1/4" (3mm-6mm)	9670450	

**Master Extractor Set**

Size of Bolt or Stud to be removed	Order No.	Price
7 Piece Set 1/8" (#5) - 1/2" & 3mm-12mm	9670701	

**BIT-SELECTORS**  
SERIES 802:

Compact size and easy bit selection make this bit-selector an ideal maintenance tool. 10 hardened bits of CVM steel, hardened, chrome-plated. 1/4" magnetic bit holder can be used in power tools.



Made in Germany



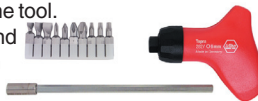
Order No.	Description	Price
79243	Slotted, Phillips, Torx® Bit-Selector Slotted: 5.5, 6.5, 8.0mm; Phillips: 0, 1, 2, 3 Torx®: T10, T15, T20	
79245	Torx® Bit-Selector Torx® T7, T8, T9, T10, T15, T20, T25, T27, T30, T40	

**TOPRA RATCHET SETS**  
SERIES 802:

WIHA Topra Ratchet handle, ergonomic design for free runner mechanism. Topra Ratchet handle has four advantages: screwdriver, ratchet, reversible tool and bit holder in one tool. Blades are high alloy CVM steel, hardened, and chrome-plated which allow maximum protection against corrosion.



Made in Germany



Order No.	Description	Price
28295	10 Torx® Set Sizes: T7, T8, T9, T10, T15, T20, T25, T27, T30, T40	
28296	10 Slotted/Phillips/Torx® Set: Slotted 5.5, 6.5, 8.0mm Phillips: 0, 1, 2, 3, Torx®: T10, T15, T20	

**MIDGET RATCHET SETS**  
SERIES 960:

**STANDARD KIT "THE MOST POPULAR SET"**

- 1 Midget Ratchet
- 1 Extension
- 1 Screw Driver Handle
- 12 Allen Hex Type Adapters. (.050, 5/64, 7/64, 9/64, 3/16, 1/4, 1/16, 3/32, 1/8, 5/32, 7/32, 5/16.)
- 2 Slotted Head Adapters 1/4, 3/8.
- 2 Phillips Head Adapters #1, #2.
- 1 pc 1/4 Square Drive Adapter.
- Polyethylene case 4-1/2" x 6-1/2".

Model # 4320

Order No. 9604320	Price	
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**STANDARD ASSORTMENT PLUS METRIC**

- 1 Midget Ratchet
- 1 Extension
- 1 Screw Driver Handle
- 12 Allen Hex Type Adapters (.050, 5/64, 7/64, 9/64, 3/16, 1/4, 1/16, 3/32, 1/8, 5/32, 7/32, 5/16)
- 3 Slotted Head Adapters 3/16, 1/4, 3/8
- 2 Phillips Head Adapters #1, #2
- 1 pc 1/4 Square Drive Adapter
- 7 Metric (Allen Hex Type) Adapters: 1.5mm, 2.0mm, 2.5mm, 3.0mm, 4.0mm, 5.0mm, 6.0mm, (Size indicates distance across flats)
- Polyethylene Case 5-1/2" x 7-3/4"

Model # 7331

Order No. 9607331	Price	
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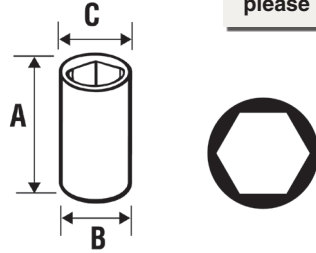
INDUSTRIAL SUPPLIES

**TEAR DROP QUICK RELEASE RATCHET**



Metrics available; please inquire.

**1/4" DRIVE SOCKETS & ACCESSORIES**  
SERIES 871:



Description	Order No.	Price
1/4" Drive, 5.5" Long	10900	
3/8" Drive, 7.625" Long	11900	
1/2" Drive, 10.313" Long	12800	

**TEAR DROP QUICK RELEASE FLEX HEAD RATCHET**



Description	Order No.	Price
3/8" Drive, 11.375" Long	11922	
1/2" Drive, 16.750" Long	12802	

**FLEX HANDLE**



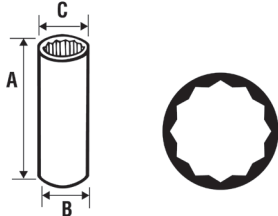
Description	Order No.	Price
1/4" Drive, 5.5" Long	10920	
3/8" Drive, 9.5" Long	11920	
1/2" Drive, 15" Long	12820	
1/2" Drive, 18" Long	12821	

**EXTENSIONS**



Description	Order No.	Price
1/4" Drive, 1.5 Long	7110902	
1/4" Drive, 3" Long	9910905	
1/4" Drive, 6" Long	9910910	
3/8" Drive, 1.5" Long	11902	
3/8" Drive, 3" Long	11905	
3/8" Drive, 6" Long	11910	
3/8" Drive, 10.5" Long	11912	
3/8" Drive, 20" Long	11915	
1/2" Drive, 2" Long	12803	
1/2" Drive, 3" Long	12805	
1/2" Drive, 5" Long	12810	
1/2" Drive, 10" Long	12812	
1/2" Drive, 20" Long	12814	

**3/8" & 1/2" DRIVE SOCKETS & ACCESSORIES**



Size	Dimensions			Order No.	Price	Size	Dimensions			Order No.	Price
	A	B	C				A	B	C		
<b>12 PT. STANDARD SOCKETS 3/8" DRIVE</b>						<b>12 PT. DEEP SOCKETS 3/8" DRIVE</b>					
5/16"	.945	.662	.460	11206		3/8"	2.513	.667	.568	11258	
3/8"	.945	.664	.568	11208		7/16"	2.513	.664	.664	11259	
7/16"	.945	.664	.664	11209		1/2"	2.513	.706	.706	11260	
1/2"	.975	.703	.703	11210		9/16"	2.513	.786	.786	11261	
9/16"	.975	.779	.779	11211		5/8"	2.513	.870	.870	11262	
5/8"	1.020	.851	.851	11212		11/16"	2.513	.925	.925	11263	
11/16"	1.020	.925	.925	11213		3/4"	2.513	1.002	1.002	11264	
3/4"	1.135	1.002	1.002	11214		13/16"	2.526	1.085	1.085	11265	
13/16"	1.135	1.085	1.085	11215		7/8"	2.526	1.186	1.186	11266	
7/8"	1.205	1.186	1.186	11216							

Size	Dimensions			Order No.	Price	Size	Dimensions			Order No.	Price
	A	B	C				A	B	C		
<b>12 PT. STANDARD SOCKETS 1/2" DRIVE</b>						<b>12 PT. DEEP SOCKETS 1/2" DRIVE</b>					
3/8"	1.510	.874	.524	12208		1/2"	3.267	.876	.754	12260	
7/16"	1.510	.876	.684	12209		9/16"	3.267	.876	.818	12261	
1/2"	1.510	.876	.754	12210		5/8"	3.267	.876	.876	12262	
9/16"	1.510	.876	.818	12211		11/16"	3.267	.967	.967	12263	
5/8"	1.510	.876	.876	12212		3/4"	3.267	1.042	1.042	12264	
11/16"	1.510	.967	.967	12213		13/16"	3.267	1.130	1.130	12265	
3/4"	1.510	1.042	1.042	12214		7/8"	3.267	1.195	1.195	12266	
13/16"	1.510	1.122	1.122	12215		15/16"	3.267	1.274	1.274	12267	
7/8"	1.510	1.186	1.186	12216		1"	3.267	1.274	1.274	12268	
15/16"	1.510	1.262	1.262	12217		1-1/16"	3.267	1.426	1.426	12269	
1"	1.635	1.340	1.340	12218		1-1/8"	3.267	1.507	1.507	12270	
1-1/16"	1.635	1.414	1.414	12219							
1-1/8"	1.697	1.495	1.495	12220							
1-1/4"	1.770	1.650	1.650	12222							
1-1/2"	1.920	1.972	1.972	9912226							

**ADAPTERS & UNIVERSAL JOINTS**



Description	Order No.	Price
1/4F x 3/8M Adapter	10925	
1/4" Drive, 1.30" Universal Joint	10930	
3/8F x 1/2M, 1.405" Long Adapter	11925	
3/8F x 1/4M, 1.000" Long Adapter	11927	
3/8" Drive, 2" Long Universal Joint	1930	
1/2F x 3/8M, 1.440" Long Adapter	12827	
1/2F x 3/4M 1.755" Long Adapter	12828	
1/2" Drive, 2.69" Universal Joint	12830	

(Continued)

INDUSTRIAL SUPPLIES



**1/4", 3/8", & 1/2" SOCKET SETS IN METAL BOX**

SERIES 871:



**13 PIECE ---- 1/4" DRIVE SOCKET SET**

Order No. 19009 Price

**INCLUDES:** Nine 6 pt. Std. Sockets: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"; 1-1/2" Extension; 6" Extension; Spinner Handle; Round Head Ratchet; in a metal box.

**14 PIECE ---- 1/4" DRIVE METRIC SOCKET SET**

Order No. 19019 Price

**INCLUDES:** Ten 6 pt. Std. Sockets: 4mm, 5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm; 13mm; 1-1/2" Extension; 6" Extension; Spinner Handle; Round Head Ratchet; in a metal box.

**12 PIECE ---- 3/8" DRIVE FRACTIONAL SOCKET SET**

Order No. 19135 Price

**INCLUDES:** Eight 12 pt. Std. Sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16"; Spark Plug Skt 5/8"; 3" Extension; 6" Extension; Round Head Ratchet; in a metal box.

**14 PIECE ---- 3/8" DRIVE METRIC SOCKET SET**

Order No. 19137 Price

**INCLUDES:** Ten 12 pt. Std. Sockets: 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm; Spark Plug Skt 5/8"; 3" Extension; 6" Extension; Round Head Ratchet; in a metal box.

**18 PIECE ---- 3/8" DRIVE SOCKET SET**

Order No. 19136 Price

**INCLUDES:** Seven 12 pt. Std. Sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"; Spark Plug Skt 5/8"; Seven 12 pt. Dp. Sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"; 3" Ext.; 6" Ext.; Round Head Ratchet; in a metal box.



**12 PIECE ---- 1/2" DRIVE SOCKET SET**

Order No. 19220 Price

**INCLUDES:** Ten 12 pt. Std. Sockets: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"; 6" Extension; Round Head Ratchet; in a metal box.

**15 PIECE ---- 1/2" DRIVE METRIC SOCKET SET**

Order No. 19221 Price

**INCLUDES:** Thirteen 12 pt. Std. Sockets: 10mm, 12mm, 13mm, 14mm, 17mm, 18mm, 19mm, 22mm, 23mm; 24mm, 25mm, 27mm, 28mm; 6" Extension; Round Head Ratchet; in a metal box.

**16 PIECE ---- 1/2" DRIVE FRACTIONAL SOCKET SET**

Order No. 19211 Price

**INCLUDES:** Thirteen 12 pt. Std. Sockets: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"; 1-1/16", 1-1/8", 1-1/4"; 6" Extension; Flex Handle 15"; Quick Release Ratchet; in a metal box.

**1/4", 3/8", & 1/2" SOCKET SETS IN POLYETHYLENE CASE**

SERIES 871:

**57 PIECE ---- 1/4" & 3/8" FRACTIONAL / METRIC SOCKET SET**

Order No. 19125 Price

**INCLUDES:** Twenty 6 pt. 1/4 Std. Sockets: 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"; 4mm, 5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm; Eighteen 12 pt. 3/8" Std. Sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 19mm; Five 12 pt. 3/8" Deep Sockets: 3/8", 7/16", 1/2", 9/16", 3/4"; 6 pt. 3/8" Spark Plug Socket 5/8"; 1/4" Spinner Handle; 1/4" Extension: 1-1/2"; Two 3/8" Extensions: 3", 6"; 3/8" Adapter: 3/8"F-1/4"M; 3/8" Teardrop Ratchet; Seven Short Arm Hex Keys: 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4"; in a high density polyethylene case.

**72 PIECE ---- 1/4" & 3/8" DRIVE FRACTIONAL / METRIC SOCKET SET**

Order No. 19138 Price

**INCLUDES:** Twenty 6 pt. 1/4 Std. Sockets: 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"; 4mm, 5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm; Eighteen 12 pt. 3/8" Std. Sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 19mm; Five 12 pt. 3/8" Deep Sockets: 3/8", 7/16", 1/2", 9/16", 3/4"; 6 pt. 3/8" Spark Plug Socket 5/8; 1/4" Spinner Handle; 1/4" Teardrop Ratchet; 1/4" Extension: 1-1/2"; Two 3/8" Extensions: 3", 6"; 3/8" Adapter 3/8"F-1/4"M; 3/8" Teardrop Ratchet; 5 Pc. Combination Wrench Set.; 6 Pc. Duracast Hex Key / Screwdriver Fold-up; Fifteen Short Arm Hex Keys: .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"; in a high density polyethylene case.



While we show only the most popular **ALLEN** items we can supply their entire range of products; please inquire.

(Continued)

INDUSTRIAL SUPPLIES





**1/4", 3/8", & 1/2" SOCKETS SETS**

SERIES 871:  
(Continued)



INDUSTRIAL SUPPLIES



**IN POLYETHYLENE CASE**



**IN ZIPPERED CASE**

**85 Piece Fractional/Metric  
1/4" and 3/8" Drive Socket Set**  
Order No. 19144 Price

- 85 Piece Set Includes:**
- 1/4" Dr. Round Hd Ratchet
  - 3/8" Dr. Round Hd Ratchet
  - 6 Pt. 1/4" Dr Std Sockets:
  - 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"
  - 6-Pt. 1/4" Dr. Metric Std Sockets:
  - 4mm - 13mm
  - 12-Pt. 3/8" Dr. Std Sockets:
  - 3/8", 7/16", 1/2", 9/16", 5/8", 11/16, 3/4", 13/16"
  - 12-Pt. 3/8" Dr. Std Sockets:
  - 10mm - 19mm
  - 6-Pt. 1/4" Dr. Deep Sockets:
  - 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16"
  - 6-Pt. 1/4" Dr Metric Deep Sockets:
  - 6mm - 10mm
  - 12-Pt. 3/8" Dr. Deep Sockets:
  - 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"
  - 12-Pt. 3/8" Dr. Metric Deep Sockets:
  - 10mm - 19mm
  - 6-Pt. 3/8" Dr. 5/8" Spark Plug Socket
  - 6-Pt. 3/8" Dr. 13/16" Spark Plug Socket
  - 1/4" Dr. Spinner Handle
  - 3/8" Dr. 3/8" to 1/4" Reducing Adapter
  - 1/4" Dr. 3" Extension Bar
  - 3/8" Dr. 3" Extension Bar
  - Short Arm Hex Keys:
  - 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4"
  - High Density Polyethylene Case

**41 Piece Fractional/Metric  
1/4" and 3/8" Drive Socket Set**  
Order No. 19142 Price

- 41 Piece Set Includes:**
- 3/8" Dr. Round Head Ratchet Sockets:
  - 6-Pt. 1/4" Dr. Std Sockets:
  - 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8"
  - 6-Pt. 1/4" Dr. Metric Std Sockets:
  - 4mm - 10mm
  - 12-Pt. 3/8" Dr. Std Sockets:
  - 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"
  - 12-Pt. 3/8" Dr. Metric Std Sockets:
  - 10mm-15mm & 17mm-19mm
  - 12-Pt. 3/8" Dr. Deep Sockets:
  - 3/8", 7/16", 1/2", 9/16", 5/8"
  - 6-Pt. 3/8" Dr. 5/8" Spark Plug Socket
  - 1/4" Dr. Spinner Handle
  - 3/8", Dr. 3/8" to 1/4" Reducing Adapter
  - 3/8", Dr. 3" Extension Bar

**107 Piece Fractional/Metric  
1/4", 3/8" & 1/2" Drive Socket Set**  
Order No. 19222 Price

- 107 Piece Set Includes:**
- 1/4" Dr. Round Hd Ratchet
  - 3/8" Dr. Round Hd Ratchet
  - 1/2" Dr. Round Hd Ratchet
  - 6 Pt. 1/4" Dr Std Sockets:
  - 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"
  - 6-Pt. 1/4" Dr. Metric Std Sockets:
  - 4mm - 13mm
  - 12-Pt. 3/8" Dr. Std Sockets:
  - 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16"
  - 12-Pt. 3/8" Dr. Metric Std Sockets:
  - 10mm - 19mm
  - 12-Pt. 1/2" Dr. Std Sockets:
  - 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16"
  - 12-Pt. 1/2" Dr. Metric Std Sockets:
  - 18mm - 22mm
  - 6-Pt. 1/4" Dr. Deep Sockets:
  - 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16"
  - 6-Pt. 1/4" Dr Metric Deep Sockets:
  - 4mm - 11mm
  - 12-Pt. 3/8" Dr. Deep Sockets:
  - 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"
  - 12-Pt. 3/8" Dr. Metric Deep Sockets:
  - 10mm - 19mm
  - 6-Pt. 3/8" Dr. 5/8" Spark Plug Socket
  - 6-Pt. 3/8" Dr. 13/16" Spark Plug Socket
  - 1/4" Dr. Spinner Handle
  - 3/8" Dr. 3/8" to 1/4" Reducing Adapter
  - 1/4" Dr. 3" Extension Bar
  - 3/8" Dr. 3" Extension Bar
  - 1/2" Dr. 3" Extension Bar
  - Short Arm Hex Keys:
  - 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4"
  - High Density Polyethylene Case

**HEX BIT SOCKET SETS**



**9 PIECE — 3/8" DRIVE HEX BIT SOCKET SET**  
ORDER No. 9956370 Price

**INCLUDES:** Nine Bit Sockets: 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"; in a metal box.

**8 PIECE — 3/8" DRIVE METRIC HEX BIT SOCKET SET**  
ORDER No. 9956368 Price

**INCLUDES:** Eight Bit Sockets: 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm; in a metal box.