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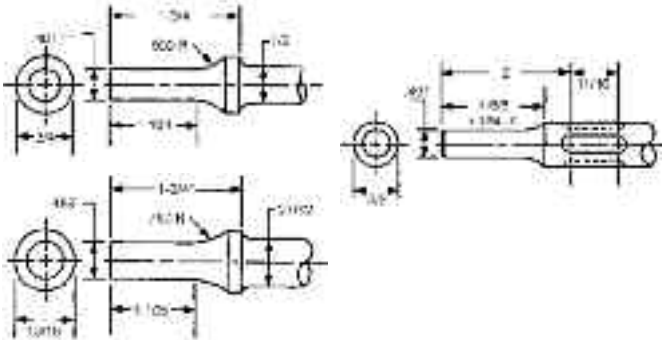
NOTES

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Ajax Tools

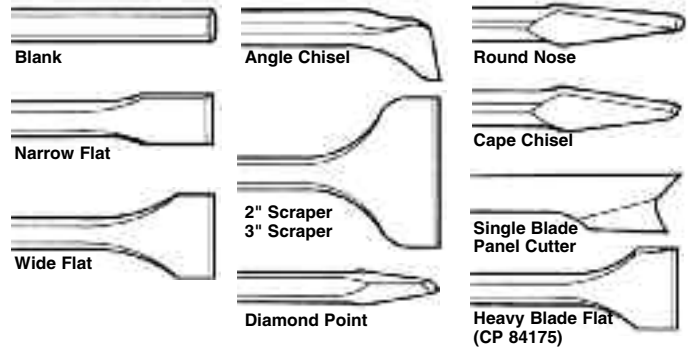
Ajax Tools

Zip Gun Chisels – Specialty Tools



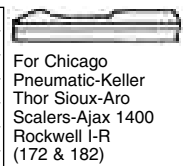
	.401 Shank	.401 Non Turn	.498 Non Turn	.498 Non Turn
	905	3106	955	3185
	909	3109	959	3189
	909-BC			
	910	3102	960-5/8	3182
	910-11	3102-12	12\" OAL	
	910-18	3102-18	960-18	3182-18
	910-1/2			
	910-1-1/2			
	910-2-BC			
	911	3110	961	
	912	3103	962	3183
	913	3101	963	
	914			
	916	3108-6		
	918	3108-8		
	920	3108-10		
	922	3112		
	923	3104		
	925			
	925-18			
	932			
	940			3190
	945		967	
	1100			
	1100-18			
	1101			
	1101-18			
		3111		

Weld Flux Chisels



Note: All tools shown can be made available in longer lengths. Other shapes such as Moil Points – Star Drills etc. can also be furnished.

	Width (in)	7"	12"	18"
Blank		395	395-12	395-18
Chisel	3/4	396	396-12	396-18
Wide Chisel	1-3/8	397	397-12	397-18
Angle Chisel	1-3/8	398	398-12	398-18
Scraper	2	399		
Scraper	3	399-3		
Diamond Point	1/4	3224		
Round Nose	1/4	3225		
Cape Chisel	1/4	3226		
Panel Cutter		3201		
Heavy Blade Flat	1-1/4	3280 (9')	3280-12	



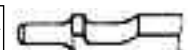
For Chicago Pneumatic-Keller Thor Sioux-Aro Scalers-Ajax 1400 Rockwell I-R (172 & 182)

	Width (in)	7"	12"	18"
Blank		381	381-12	381-18
Chisel	3/4	382	382-12	382-18
Wide Chisel	1-3/8	383	383-12	383-18
Angle Chisel	1-3/8	384	384-12	384-18
Scraper	2	380		
Scraper	2	380-BC	Non-Spark Material	
Scraper	3	390-3		
Diamond Point	1/4	3227		
Round Nose	1/4	3228		
Cape Chisel	1/4	3229		
Panel Cutter		3221		
Panel Cutter		3221-BC	Non-Spark Material	



For Ingersoll-Rand (171 & 181) URYU-Jet Scalers, and Stanley

	Width (in)	7"	12"	18"
Blank		391	391-12	391-18
Chisel	3/4	392	392-12	392-18
Wide Chisel	1-3/8	393	393-12	393-18
Angle Chisel	1-3/8	394	394-12	394-18
Scraper	2	390		
Scraper	3	390-3		
Diamond Point	1/4	3230		
Round Nose	1/4	3231		
Cape Chisel	1/4	3232		
Panel Cutter		3241		



For Cleco-Rotor-Aro Scalers CP Model Model 9356, I-R183, Ajax 1405

	Width (in)	7"	12"	18"
Blank		385	385-12	385-18
Chisel	3/4	386	386-12	386-18
Wide Chisel	1-3/8	387	387-12	387-18
Angle Chisel	1-3/8	388	388-12	388-18
Scraper	2	389		



For Master Power Black & Decker, Rodac Scalers

	Width (in)	7"	12"
Blank		3250	3250-12
Chisel	3/4	3251	3251-12
Wide Chisel	1-3/8	3252	3252-12
Angle Chisel	1-3/8	3253	3253-12



For Atlas-Copco Scalers

Tool Accessories

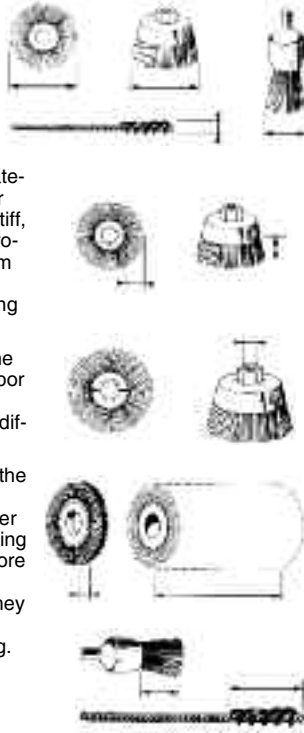
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POWER BRUSHES

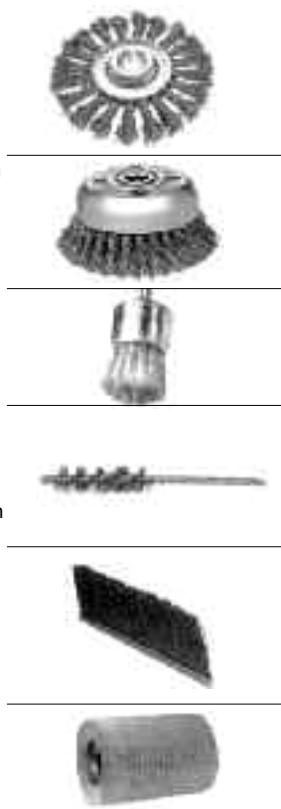
Terminology

- **Outside Diameter** – The overall diameter of the brush. To provide the most efficient use and lowest end-of service cost, always use the largest diameter brush practical. Radial brushes used on portable tools should not be larger than six inches in diameter.
- **Trim Length** – The length of the fill material extended beyond the brush back or flange. A short trim length provides a stiff, fast cutting brush. A long trim length provides stiff, fast cutting brush. A long trim length provides flexibility - for brushing irregular surfaces - and a softer brushing action.
- **Arbor Hole** – The actual diameter of the mounting hole in the brush. Various arbor holes and adapters are available to accommodate the shaft sizes used on different type of motor drives.
- **Operating Face Width** – The width of the brush face when the brush is under power. Wide face brushes cover a larger working area and are usually stiffer acting than narrow face brushes which are more flexible. Narrow face brushes are used individually to brush confined areas. They are also used in multiples to provide greater width and to eliminate streaking.
- **Brush Length** – The length of the fill material in end and tube type brushes.



Types of Power Brushes

- **Radial Brushes** – Filled with the finest high tensile, oil tempered steel, stainless steel, brass and other non-ferrous wires. A variety of synthetics and natural fibers are used. Two basic styles of wire are used in manufacturing radial wire brushes... crimped and straight.
- **Cup Brushes** – Designed for use on high speed air and electric tools, drill presses and pipe line machinery. Two styles of cup brushes... manufactured in the knot construction for heavy duty brushing and crimped wire for lighter brushing.
- **End Brushes** – Used on tools operating at high speeds to provide effective brushing in confined areas. Available in a wide range of sizes and shapes as well as wire diameters.
- **Tube Brushes** – Used on portable tools and drill presses for cleaning internal surfaces. Tube brushes are ruggedly constructed to provide the maximum cleaning action. These brushes are available in a complete range of sizes and diameters.
- **Strip Brushes** – Used for many cleaning jobs. Applications are constantly being found in metal working, rubber, food, textile, paper and chemical plants. Strip brushes are used to provide a wiping or sweeping action, or are mounted on a hub to make an open face rotary brush.
- **Special Brushes** – Can be made to customer specifications by supplying a complete brush description including type, diameter, wire size, face width, trim length and arbor hole size.



Power Brush Applications:

- **Cleaning** – Used carbon wire filled brushes for dry cleaning operations such as removal of rust or scale, insulation from wires, varnish from stators, etc. Use fiber (tampico) or Anderson (synthetic filled) brushes or stainless steel filled wire brushes for wet cleaning applications.
- **Surface Finishing** – Used as final finishing tools to improve flat or cylindrical surfaces that have been ground or abrasive polished. The brush removes the small raised metal particles without changing dimensions.
- **Deburring** – Power brushes are ideal tools for completely removing burrs. Brushes can be used on all types of materials and are suitable for deburring irregular shaped parts.
- **Roughening** – Power brushes are used for roughing rubber, leather, plastics, ferrous and non-ferrous metal before bonding or painting. Brushes are also used to produce satin or matte finishes on various materials.
- **Edge Bending** – Anderson power brushes offer a complete range of tools for blending surface intersections. Brushes perform this application without removing metal on the surface adjacent to the edge or change the part tolerance.

Engineering Guide

Equipment:

Use of the proper equipment with power brushes is an important consideration in setting up a successful brushing application. Even when the correct brush has been selected, it will not perform optimally if the equipment is not capable of supplying the right operating conditions.

When selecting equipment for brushing applications, remember, the largest diameter brush permitted by machine clearance and part size will provide the most efficient tool and lowest end-of-service cost. (Maximum recommended brush diameter for portable tools is 6".) When brushing large surfaces, the widest possible brush face width will also provide maximum efficiency.

Horsepower:

Three factors affect the horsepower required to drive a power brush for any given operation:

- 1) Brushing pressure required to accomplish the work
- 2) Resistance developed between work and brush
- 3) Speed of the brush

The chart provides a working guide for horsepower requirements based on medium brushing action. For conditions not simple or normal, consult one of our service representatives.

Brush Dia. (in)	Recommended Motor Size (hp)	R.P.M.
4	1/4	3450
6	1/2	3450
8	3/4	3450
10	1	1750
12	1	1750
15	1 1/2	1750

Horsepower ratings are for 1" brush face.

Brushing Speeds

For efficient use and low end-of-service cost, there is an optimum operating speed for each type of power brush. The table provides a guide to practical brushing speeds.

Recommended Surface Speeds for Brushing Applications	
Application	Surface Ft. per min.
Removing Burrs	5500 to 7500
Removing Scales	7500 to 10,000
Cleaning Welds	7200 to 9400
Edge Blending	4700 to 7500
Cleaning (dry)	4000 to 5500
Cleaning (wet)	1900 to 4000
Surface Polishing	6400 to 8000
Surface Buffing	800 to 10,000

Brushing Pressure Control

For efficient use and low end-of-service cost, there is an optimum operating pressure. Controlling the pressure applied to the brush is important. Brushing pressure affects the quality of the work and the brush life. Brushes should always be operated at the highest practical speeds with the lightest possible pressure. The sharp tips of the brush filament do the work. Excessive pressure bends the filament and results in a wiping action rather than a cutting action. It also causes premature breakage and shortens the life of the brushing tool. Where practical, the best method of maintaining the uniform brush pressure is through the use of a meter amp which measures the load on the drive motor.



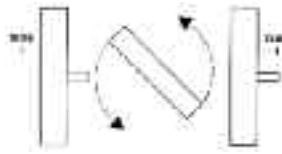
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Metric Conversion Charts:

BRUSH DIAMETER		FACE WIDTH		WIRE GAGE	
Millimeter	Inches	Millimeter	Inches	Millimeter	Inches
25	1	4	5/32	0.08	.003
51	2	6	1/4	0.10	.004
76	3	8	5/16	0.12	.005
102	4	9	11/32	0.15	.006
127	5	10	3/8	0.20	.008
152	6	11	7/16	0.25	.010
178	7	12	1/2	0.30	.0118
203	8	14	9/16	0.35	.014
254	10	16	5/8	0.40	.016
305	12	17	11/16	0.50	.020
356	14	19	3/4	0.80	.030
		20	25/32		
		22	7/8		
		24	15/16		

Brush Face Conditioning:

When using wire wheel brushes, periodically reverse the direction of the rotation to take advantage of the self-sharpening action that will result. This may be accomplished by removing the brush from the spindle and turning it side for side, and remounting securely. See illustration.



Wire Gages:

Wire sizes shown are in decimals of an inch. The following are equivalent American Steel Wire (formerly Washburn and Moen) gage numbers.

Diameter (in)	ASW Gage No.	Diameter (in)	ASW Gage No.
.003	-	.0118	33
.004	-	.014	30
.005	47	.016	28
.006	43	.020	25
.008	38	.023	24
.009	36	.028	23
.0095	35	.030	-
.0104	34	.035	20

Table of Arbor Hole Numbers:

If an Arbor holes other than those shown is required, i.e., if your item number ends in "0", specify the size needed

Arbor Hole Diameter	Arbor Hole Number
1/4	1
3/8	2
1/2 - 3/8	3
5/8 - 1/2	4
5/8 - 11	5
3/4	6
1	7
1 1/4	8
2	9
Other	0

Table of Surface Speeds:

Recommended speeds in this catalog are given in the R.P.M. The following table gives the approximate surface feet per minute (SFPM) of the brush face for standard diameters at various R.P.M.

RPM	Diameters					
	4	6	8	10	12	15
MM	100	150	200	250	300	375
1,000	1,050	1,575	2,100	2,625	3,150	3,925
1,500	1,575	2,350	3,150	3,925	4,725	5,900
1,750	1,800	2,750	3,650	4,550	5,500	6,800
2,000	2,100	3,150	4,200	5,250	6,275	7,850
2,500	2,625	3,925	5,250	6,550	7,850	9,825
3,000	3,125	4,725	6,275	7,850	9,425	11,775
3,450	3,600	5,400	7,200	9,000	11,000	13,500
3,750	3,900	5,900	7,800	9,800	11,800	-
4,000	4,175	6,275	8,375	10,475	-	-
4,500	4,700	7,075	9,425	-	-	-
5,000	5,225	7,875	-	-	-	-
6,000	6,275	9,425	-	-	-	-
8,000	8,375	-	-	-	-	-

ANDERSON Brush Correction Guide

There are many variables from plant to plant in brushing conditions. It is impossible to recommend a single type brush for a given application. If the first brush selected does not do the job, select a second brush with the following ideas in mind.

Note: The speed at which the brush rotates is an extremely important factor. (See the Table of Surface Speeds.)

Desired Changes	Suggested Change for Brush
Faster Action	Use larger diameter brush. Run brush faster. Use brush with heavier wire. Use brush with shorter trim.
Finer Finish	Use brush with finer wire. Try treated or untreated Tampico brushes with finishing compound.
Reach areas of an irregular surface	Use brush with longer trim, giving more flexibility.
Remove burr instead of rolling or peening it	Use brush with shorter trim or try treated Tampico with an abrasive buffing compound.

CRIMPED WIRE WHEEL BRUSHES

Crimped Wire Wheel Brushes (DA, DH, DS, DMX, DE Series)

The DA, DH and DS lines are general purpose wire brush wheels and are characterized by a wide and dense brushing face. This brush construction permits mounting brushes individually, or in multiples. DMX series offers features of DA series, medium face but with a fixed arbor and is especially suitable for multiple brush assembly. DE series is designed for light duty applications where flexibility is required.

Typical Applications:

- Flash removal, plastic parts
- Finishing for appearance on aluminum ware, copper and brass utensils, soft steel and stainless steel
- Rust removal from pipes and flat surfaces
- Burr removal on gears, steel or cast iron
- Blending of surface junctions after machining
- Roughing leather for adhesive purposes
- Removal of excess plastic on laminated glass
- Steel drum cleaning
- Weld cleaning
- Deburring inside and outside of pipes
- Wire stripping
- Coating of cement pipe
- Roughing tires prior to re-treading
- Degraining wood paneling
- Steel, brass and copper sheet and strip descaling
- Contouring sponge rubber
- Burr removal of brass and stainless steel tube sheets
- Finishing brass and copper sheet metal
- Paint removal
- Skiving paper

Premier Duty High-Density: MEDIUM FACE (DA Type)

Brush Characteristics: The premier of medium face wire wheels Anderson's best medium face crimped wire wheel. Absolute lowest end-of-service cost. Maximum desirable wire points at brush face. Highest quality oil tempered crimped wire. Low flexibility – fast cutting – long life. Uniform brushing action.

Popular Applications:

- Deburring/Edge blending.
- Flash removal – rubber and plastic parts.
- Finishing for Appearance.
- Cleaning and rust removal.
- Roughing for adhesion.



Cat. No.	Item No.		Dia. (in)	Wire Size (in)	Approx. Face Width (in)	Approx. Width at Faceplate (in)	Trim Length (in)	Max. Safe Free Speed RPM
	Carbon	Stainless						
DA3*	01010	-	3	.008	7/8	11/16	3/4	6000
	01020	-		.0118				
DA4	01034	-	4-1/4	.0118	1-5/16	15/16	5/8	6000
	01044	01094		.014				
DA6	01104	01174	6	.006	1-1/8	15/16	1-1/8	6000
	01114	01184		.008				
	01124	-		.010				
	01134	01204		.0118				
	01144	01214		.014				
DA7	01224	-	7	.006	1-1/8	15/16	1-5/8	6000
	01254	-		.0118				
	01264	01284		.014				
DA8	01294	01344	8	.006	1-1/8	1-1/32	1-1/2	4500
	01304	01354		.010				
	01314	01364		.0118				
	01324	01374		.014				
	01334	-		.020				
DA10	01386	01436	10	.006	1-1/4	1-1/16	2-1/8	3600
	01396	-		.010				
	01406	-		.0118				
DA12	01416	01446	12	.0118	1-1/8	1-3/32	3	3000
	01426	-		.020				
	01468	-		.014				
	01478	-		.020				

*DA3 has 1/2" arbor hole. For 302 Stainless Steel, add S to Catalog Number.

Tool Accessories

Anderson

Heavy Duty: WIDE FACE (DH Type)

Brush Characteristics:

- Wide brushing face
- Low flexibility - fast cutting action - long life
- Highest quality oil tempered crimped wire heavily filled
- Uniform brushing action

Popular Applications:

- Deburring
- Flash removal - rubber & plastic parts
- Edge blending
- Cleaning & rust removal



Cat. No.	Item No.		Dia. (in)	Wire Size (in)	Approx. Face Width (in)	Approx. Width at Faceplate (in)	Trim Length (in)	Max. Safe Free Speed RPM
	Carbon	Stainless						
DH4	02084	-	4-1/4	.010	1-1/2	1-3/16	5/8	6,000
	02094	-		.0118				
	02104	02154		.014				
DH6	02164	02224	6	.006	1-1/2	1-9/32	1-1/8	6,000
	02174	-		.008				
	02184	-		.010				
	02194	02254		.0118				
	02204	02264		.014				
DH7	02294	-	7	.0118	1-9/16	1-9/32	1-5/8	6,000
	02304	-		.014				
DH8	02324	02364	8	.006	1-5/8	1-3/8	1-1/2	4,500
	02544	-		.010				
	02334	-		.0118				
	02344	02394		.014				
	02354	-		.020				
DH10	02416	-	10	.010	1-3/4	1-1/2	2-1/8	3,600
	02426	-		.0118				
	02436	-		.014				
	02446	-		.020				
DH12	02478	-	12	.0118	2	1-17/32	3	3,000
	02488	-		.014				
	02508	-		.020				
DH15	02518	-	15	.0118	2-1/4	1-9/16	3-13/16	2,400
	02528	-		.014				

For 302 Stainless Steel, add S to Catalog Number.
DA, DH, DS wheels fit directly on 2" diameter arbors without adapters.
Adapters are required for mounting on smaller arbors. One pair is required for each wheel.

Tuft-Tech Multi-Duty High Density: MEDIUM FACE (DMX Type)

Brush Characteristics:

- High performance, general purpose wheel
- Priced below brushes of similar design
- Out performs brushes of similar design
- Heavily filled with highest quality oil tempered crimped wire
- Medium brushing face
- Arbor design permits stacking for wide face brushing



Cat. No.	Item No.		Dia. (in)	Wire Size (in)	Approx. Face Width (in)	Trim Length (in)	Sugg. Arbor Hole* (in)	Max. Safe Free Speed RPM
	Carbon	Stainless						
DMX4	01884	01894	4-1/4	.008	3/4	5/8	5/8-1/2	6,000
	01564	-		.0118				
	01574	-		.014				
	01544	02134		.020				
DMX6	01594	02054	6	.006	3/4	1-1/8	5/8-1/2	6,000
	01524	02074		.008				
	01604	-		.0104				
	01534	02124		.0118				
	01544	02134		.014				
	01554	-		.020				
DMX7	01904	-	7	.006	3/4	1-5/8	5/8-1/2	6,000
	-	-		.008				
	01924	-		.0118				
	01934	02144		.014				
DMX8	01944	-	8	.006	3/4	1-1/2	5/8-1/2	4,500
	01954	-		.0104				
	01964	-		.0118				
	01974	-		.014				
	01984	-		.020				
DMX10	01996	02596	10	.006	1	2-1/2	3/4	4,500
	02006	-		.0104				
	02016	-		.0118				
	02026	02606		.014				
	02036	-		.020				
DMX12	02048	-	12	.0118	1-1/8	3-1/8	1-1/4	3,000
	00888	-		.014				
	00898	-		.020				

Basic Selections: WIRE (DE Type)



Cat. No.	Item No.		Dia. (in)	Wire Size (in)	Approx. Face Width (in)	Approx. Width at Faceplate (in)	Trim Length (in)	Arbor Hole (in)	Max. Safe Free Speed RPM
	Carbon	Stainless							
DE4	01708	01748	4	.006	5/16	9/32	1	1-1/4	6,000
DE6	01709	01759	6	.006	7/16	11/32	1-1/2	2	4,000
DE8	01729	01769	8	.006	3/8	11/32	2-1/2	2	3,750
DE10	01739	01779	10	.006	3/8	11/32	3-1/2	2	3,250

For 302 Stainless Steel, add S to Catalog Number.
DE brush sections come with 2" inside diameters (4" has 1-1/4" inside diameter).
They are designed for light duty applications where flexibility is important.
They are adaptable to smaller arbor holes.

Crimped Wire Wheel Brushes (DM Series)

The DM line is particularly suited for jobs where the brushing area is narrow, or the surface or edge is flat. Brushes offer good flexibility, can be mounted in multiples to produce a wide face assembled brush.

Typical Applications:

- Table cleaning in glass industry
- Removing excess flux on welding rod
- Rust removal
- Burr removal on uneven surfaces
- Light scale removal
- Finishing aluminum & other soft materials
- Paint & rust removal
- Conveyor cleaning
- Thread cleaning & deburring
- Mold cleaning
- Conveyor rail cleaning
- Tire rim cleaning
- Deburr & blend aircraft brakes discs
- Roughing leather & rubber for bonding
- Removing rubber flash & parting lines
- Deburring powdered metal parts

Multi-Duty: NARROW FACE (DM Type)

Brush Characteristics:

- Narrow brushing face
- High flexibility - long trim
- Highest quality oil tempered crimped wire
- Fine to medium course brushing action
- Gang mount for wide brush face

Popular Applications:

- Deburring
- Edge blending
- Cleaning & rust removal
- Roughing for adhesion
- Finishing for appearance



Cat. No.	Item No.		Dia. (in)	Wire Size (in)	Approx. Face Width (in)	Approx. Width at Faceplate (in)	Trim Length (in)	Arbor Hole (in)	Max. Safe Free Speed RPM
	Carbon	Stainless							
DM3	02993	03013	3	.006	11/32	11/32	7/16	1/2-3/8	6,000
	03573	-		.010					
	03003	03043		.0118					
DM4	03063	03123	4	.006	11/32	11/32	15/16	1/2-3/8	6,000
	03073	03133		.008					
	03093	03143		.010					
	03103	03153		.0118					
	03113	03163		.014					
DM6*	03174	03234	6	.006	7/16	15/32	1-1/8	5/8-1/2	6,000
	03184	03244		.008					
	03194	03254		.010					
	03204	03254		.0118					
	03214	03264		.014					
	03274	03334		.006					
DM8	03284	-	8	.008	1/2	17/32	1-13/16	5/8-1/2	4,500
	03294	03354		.010					
	03304	-		.0118					
	03314	03374		.014					
	03386	-		.006					
DM10	03396	-	10	.010	1/2	9/16	2-15/32	3/4	3,600
	03406	03446		.0118					
	03416	-		.014					
	03468	-		.006					
DM12	03478	03518	12	.010	5/8	21/32	3	1 - 1/4	3,000
	03488	-		.0118					
	03498	-		.014					
	03548	-		.0118					
DM15	03558	-	15	.014	5/8	21/32	4-1/2	1 - 1/4	2,400
	-	-		.014					

* Also available in Brass Wire - DM6B 03224, .005.
For 302 Stainless Steel, add S to Catalog Number.

Anderson

Andermax Crimped Wire Wheel Brushes

Andermax brushes are provided in crimped wire, abrasive filament material and twisted tuft (knot-type) construction. These larger than average circumference wheels are ruggedly constructed to satisfy the most demanding brushing requirements. Andermax wheels are designed for use on automatic or semi-automatic brushing machines. These heavily filled, short trim wheels combine fast, uniform cutting action and long service.

Typical Applications:

- Gear and sprocket deburring
- High production cleaning and deburring

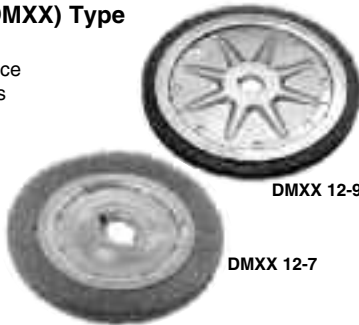
ANDERMAX™ CRIMPED (DMXX) Type

Brush Characteristics:

- Larger than average circumference
- Maximum density and wire points
- Short trim length
- Long life
- Used on specialized brushing machines

Popular Applications:

- High production blending and deburring
- Flash removal



Cat. No.	Item No.	Dia. (in)	Wire Size (in)	Approx. Width at Faceplate (in)	Trim Length (in)	Arbor Hole* (in)	Max. Safe Free Speed RPM
DMXX12-9	03789	12	.006	13/16	3/4	2	3,000
DMXX12-7	04298	12	.008	25/32	1/5/8	1-1/4	3,000
DMXX12-7	04349	12	.0118	25/32	1/5/8	2	3,000
DMXX14-7	22618	14	.0118	25/32	2-5/8	1-1/4	2,400

* 1-1/4" Arbor Holes have two 1/4 x 1/8 keyways.
2" Arbor Holes have two 1/2 x 1/4 keyways.

Anderbond Crimped Wire Wheel Brushes

Anderbond encapsulated wire brush provides longer brush life, safe operation, stronger brushing action and less wire breakage. Brushes are produced by encapsulating the wire brush material with an elastomer.

Typical Applications:

- Removing rubber from end of high pressure hose
- Removing varnish from bearing surface of electrical components
- Removing insulation coating from electrical wires
- Removing burrs from mechanical parts and ends of tubing
- Preparation of tire for recapping
- Removing rubber flash and mold runout rubber-to-metal parts
- Roughing of rubber, leather and other surfaces, to prepare them for adhesive bonding

ANDERBOND BRUSHES

Brush Characteristics:

- Metal wire encapsulated in elastomer
- Strong brushing action
- No inefficient flare out
- Fast cutting with minimum pressure

Popular Applications:

- Short trim applications
- Relatively flat surfaces
- Avoid application to surfaces over 180° F
- Choose a wire size one gauge narrower than with standard wheel

Anderbond Brushes Continue

Anderbond Brushes: MEDIUM FACE & WIDE FACE (DA-U and DH-U Type)



DA6U

Cat. No.	Item No.	Dia. (in)	Wire Size (in)	Approx. Face Width (in)	Approx. Width at Faceplate (in)	Trim Length (in)	Max. Safe Free Speed RPM
DA4U	01644	4-1/4	.014	25/32	15/16	5/8	6,000
DA6U	01624 01634	6	.010 .014	27/32	15/16	1-1/8	6,000
DA8U	01654 01664	8	.010 .014	7/8	1-1/32	1-1/2	4,500
DA10U	01676 01686	10	.010 .014	15/16	1-1/16	2-1/8	3,600
DH6U	02674	6	.0118	1-1/16	1-1/4	1-1/8	6,000

DA and DH wheels fit directly on 2" diameter arbors without adapters. Adapters are required for mounting on smaller arbors. These must be ordered separately. One pair is required for each wheel.

Anderbond Brushes: NARROW FACE (DMU Type)



DM6U

Cat. No.	Item No.	Dia. (in)	Wire Size (in)	Approx. Face Width (in)	Approx. Width at Faceplate (in)	Trim Length (in)	Sugg. Arbor Hole (in)	Max. Safe Free Speed RPM
DM6U	03634 03644	6	.010 .014	7/16	15/32	1-7/16	5/8-1/2	6,000
DM8U	03674 03684	8	.010 .014	7/16	17/32	1-13/16	5/8-1/2	4,500
DM10U	03696 03706	10	.010 .014	1/2	9/16	2-15/32	3/4	3,600

Anderbond Brushes: STRINGER BEAD CRIMPED WIRE (SDMU Type)



STM152U

Cat. No.	Item No.	Dia. (in)	Wire Size (in)	Approx. Face Width (in)	Approx. Width at Faceplate (in)	Trim Length (in)	Arbor Hole* (in)	Max. Safe Free Speed RPM
SDM152U	12405	6	.014	1/4	15/32	1-7/16	5/8-11	8,500
SDM178U	12415	7	.014	3/16	15/32	1-15/16	5/8-11	8,500

* Above brushes may be ordered with other Arbor Hole sizes: 5/8"-3/8", 5/8"-11, M10 x 1.50, M14 x 2.0 as examples. No additional charge for Arbor Hole changes.

Anderbond Brushes: STRINGER BEAD BRUSH KNOT TYPE ENCAPSULATED (STCM Type)



STCM170U

Cat. No.	Item No.	Wire Dia. (in)	Face Size (in)	Approx. Width at (in)	Approx. Trim Faceplate (in)	Arbor Length (in)	Sugg. Arbor Hole (in)	Max. Safe Free Speed RPM
STCM170U	12357	6-5/8	.020	3/16	7/16	1-1/4	5/8-11	9,000

Above brushes may be ordered with other hole sizes: 5/8" - 3/8", 5/8" - 11, M x 10 1.50, M14 x 2.0 as examples. No additional charges for above Arbor Hole changes.

Tool Accessories

Anderson

**Anderbond Brushes:
SINGLE SECTION (SSU Type)**



Cat. No.	Item No.		Wire Face Dia. (in)	Approx. Wire Size (in)	Approx. Width at Faceplate (in)	Approx. Trim Length (in)	Arbor Length (in)	Safe Free Hole (in)	Max. Speed RPM
	Carbon	Stainless							
SS14U	09473		1-1/2	.0118	1/4	1/4	9/32	1/2-3/8	20,000
SS20U	09483		2	.010	1/4	1/4	9/16	1/2-3/8	20,000
	09493			.014					
SS30U	09503		3	.0118	1/4	1/4	1	1/2-3/8	20,000
	09513			.014					

Micro Brushes (Small Diameter)

Micro Brushes are small brushing tools that are available in a wide range of sizes and fill materials. These brushes can be used singly or in multiples, and mounted directly on the shaft of a portable tool. In most cases, these brushes are applied on brushing applications similar to DM (Multi-Duty Narrow Face Section) brush, where clearance problems require a small diameter brush.

Typical Applications:

- Removing insulation from electrical wire
- Cleaning internal surfaces
- Removing burrs from ring grooves and internal threads
- Light deburring of gears

SINGLE SECTIONS

Brush Characteristics:

- Small diameter brushing tools
- Narrow brushing faces
- Can be mounted in multiples
- Designed to operate at high speed
- Light duty applications

Popular Applications:

- Deburring
- Edge blending
- Cleaning - Rust removal
- Roughing for adhesion
- Finishing for appearance



**Single Sections:
WIRE (SS Type)**

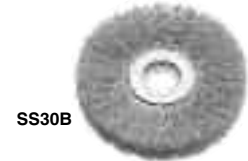
Cat. No.	Item No.		Dia. (in)	Approx. Wire Size (in)	Approx. Face Width (in)	Width at Faceplate (in)	Max. Trim Length (in)	Safe Free Speed RPM	
	Carbon	Stainless							
SS10	-	08241	1	.003	1/8	3/16	7/32	1/4	
	08221	-							.008
SS12	08280	-	1-1/4	.003	1/4	3/16	5/16	3/16	
	08311	08391					.006	11/32	1/4
	09172	-					.006	9/32	3/8
	08331	-					.008	11/32	1/4
	08362	-					.014	9/32	3/8
SS13	08411	-	1-3/8	.006	1/4	3/16	7/16	1/4	
	08431	-					.008	7/16	1/4
	08442	08502					.008	11/32	3/8
	08461	-					.010	7/16	1/4
SS14	08512	09322	1-1/2	.006	1/4	3/16	3/8	3/8	
	08523	-					.006	9/32	1/2-3/8
	08542	09332					.008	3/8	3/8
	08553	-					.008	9/32	1/2-3/8
	08563	08643					.010	9/32	1/2-3/8
	08572	-					.0118	3/8	3/8
	08583	-					.0118	9/32	1/2-3/8
	08592	-					.014	3/8	3/8
08603	-	.014	9/32	1/2-3/8					
SS16	08613	-	1-3/4	.008	1/4	5/16	13/32	1/2-3/8	
SS20	08703	09363	2	.0025	1/4	9/32	9/16	1/2-3/8	
	08713	08803							.006
	08723	08813							.008
	08353	08823							.010
	08733	08833							.0118
	08753	08843							.014

Single Sections: WIRE (SS Type) - continued

Cat. No.	Item No.		Dia. (in)	Approx. Wire Size (in)	Approx. Face Width (in)	Width at Faceplate (in)	Max. Trim Length (in)	Safe Free Speed RPM
	Carbon	Stainless						
SS24	-	09373	2-1/2	.006	1/4	5/16	3/4	1/2-3/8
	08864	-		.006			11/16	5/8-1/2
	08873	09393		.010			3/4	1/2-3/8
	08883	-		.0118			3/4	1/2-3/8
	08894	08954		.0118			11/16	5/8-1/2
	08903	-		.014			3/4	1/2-3/8
	08924	-		.014			11/16	5/8-1/2
SS30	-	09083	3	.006	1/4	5/16	1	1/2-3/8
	09004	09094		.006			15/16	5/8-1/2
	09013	09103		.008			1	1/2-3/8
	09024	-		.008			15/16	5/8-1/2
	09033	09123		.0118			1	1/2-3/8
	09044	09134		.0118			15/16	5/8-1/2
	09053	09143		.014			1	1/2-3/8
	09064	09154		.014			15/16	5/8-1/2

For 302 Stainless Steel, add S to Catalog Number.
Max. Safe Free Speed 20,000 RPM

**Single Sections:
BRASS SINGLE SECTION
(SS-B Type)**



Cat. No.	Item No.	Dia. (in)	Wire Size (in)	Approx. Face Width (in)	Approx. Width at Faceplate (in)	Trim Length (in)	Arbor Hole (in)	Max. Safe Free Speed RPM
SS20B	08730	2	.005	1/4	9/32	9/16	1/2-3/8	20,000
SS30B	10098	3	.005	1/4	5/16	1	1/2-3/8	20,000

**Single Sections:
NYLON (SS Type)**

Cat. No.	Item No.	Dia. (in)	Approx. Face Width (in)	Approx. Width at Faceplate (in)	Trim Length (in)	Arbor Hole (in)	Max. Safe Free Speed RPM

CUP BRUSHES

Cup Brushes:

Wire cup brushes are rugged tools for fast, heavy-duty cleaning of large metal surfaces. They are designed for use on high-speed air and electric portable tools.

These brushes are especially suited for removing rust, weld scale, corrosion, old paint and preparing surfaces for finishing. They are widely used on structural steel, tank cars, ship bottoms and bridge work.

Popular Applications for Cup Brushes:

- Tank & Drum cleaning
- Weld scale removal
- Corrosion & rust removal
- Paint removal
- Cleaning castings for machinery
- Polishing dies
- Preparation of surfaces for painting or welding

Cup Brushes Continue

Anderson

Crimped Wire Cup Brushes

Designed for the same applications as knot type cup brushes, but for softer brushing action and less severe applications. Construction of the highest quality tempered steel these brushes provide aggressive cutting action and long life.

Crimped Wire:

LIGHT DUTY (UC & UCX Type)

Brush Characteristics:

- Rugged, fast cutting action
- Long life
- Highest quality oil tempered stainless steel wire
- Safety designed cups
- Smooth performance at high speeds

Popular Applications:

- Heavy duty cleaning of large surfaces
- Weld scale removal
- Deburring
- Edge blending
- Rounding



Cat. No.	Item No.		Dia. (in)	Wire Size (in)	Trim Length (in)	Arbor Hole (in)	Max. Safe Free Speed RPM
	Carbon	Stainless					
UC3	10163	10183	2-3/4	.0118	3/4	1/2-3/8	12,500
UCX3	10175	10145	2-3/4	.014	3/4	5/8-11	12,500
UC35	10105	10106	3-1/2	.0118	7/8	5/8-11	8,500
	10115	10135		.020			
	10125	10126		.014			
UC4	10195		4	.0118	7/8	5/8-11	8,500
	10205	10235		.014			
	10215			.020			
UC5	10275	10295	5	.014	1-1/5	5/8-11	7,000
	10285	10305		.020			
UC6	10325	10345	6	.014	1-1/4	5/8-11	6,000
	10335			.020			
UC8	10365		8	.014	1-1/4	5/8-11	4,800
	10375			.020			

Anderlon Cup Brushes

Heavily filled with nylon filament combined with silicon carbide or aluminum oxide abrasives. They are ideal tools for deburring, surface blending, dulling surfaces, final sanding prior to primer coat, and for metal preparation.

Anderlon Abrasive Filament:

LIGHT DUTY (UC-A Type)

Brush Characteristics:

- Highly abrasion resistant
- Virtually unaffected by solvents, acids and alkalines
- Can be used wet or dry
- Uniform cutting action

Popular Applications:

- Deburring
- Surface blending
- Dulling surfaces
- Metal preparation
- Final sanding prior to primer coat



Cat. No.	Item No.	Dia. (in)	Fill Code No.	Trim Length (in)	Arbor Hole (in)	Max. Safe Free Speed RPM
UC4A	20465	4	D040120	7/8	5/8-11	8,500
	20475		D035180			
	20485		D022320			
UC5A	20505	5	D040120	1-1/4	5/8-11	7,000
	20515		D035180			
	20525		D022320			
UC6A	20545	6	D040120	1-1/4	5/8-11	6,000
	20565		D022320			

Knot Type Cup Brushes

Available in single or double row construction. The single row brush is excellent for general heavy-duty work, able to reach into corners and angles. The double row cup brush is recommended for more rigorous applications. It combines fast cutting action with longer life and covers a greater surface area.

Knot Type:

SINGLE ROW (US Type)

Brush Characteristics:

- Able to reach into corners & angles
- Fast cutting
- Flexible
- Good surface coverage



Cat. No.	Item No.		Dia. (in)	Fill Code No.	Trim Length (in)	Arbor Hole (in)	Max. Safe Free Speed RPM
	Carbon	Stainless					
US80	17195	17085	2-3/4	.0118	3/4	5/8-11	12,500
	17205	-		.014			
US4	17245	17305	4	.0118	1-1/4	5/8-11	8,500
	17255	17315		.014			
US5	17345	-	5	.014	1-1/4	5/8-11	7,000
	17355	-		.020			
US6	17435	17485	6	.014	1-3/8	5/8-11	6,000
	17445	17495		.020			
	17455	-		.025			
	17465	-		.030			
JUS6	17755	-	6	.025	1-3/8	5/8-11	6,000
	17775	-		.035			

For 302 Stainless Steel, add S to Catalog Number.
JUS, US80 and Brushes have a 5/8-11 external nut.

Cable Twist Cup Brushes

Tufts twisted their entire length are recommended for extremely severe cleaning. Anderson brushes contain the highest quality oil tempered carbon and tempered stainless steel wire to insure long life and fast cutting action.

Available in single or double row construction.

Knot Type Cable Twist:

SINGLE ROW (USC & JUSC Type)

Brush Characteristics:

- Extremely rugged cutting action
- Long life
- Fast cutting action
- Highest quality oil tempered carbon steel



Cat. No.	Item No.		Dia. (in)	Fill Code No.	Trim Length (in)	Arbor Hole (in)	Max. Safe Free Speed RPM
	Carbon	Stainless					
USC80*	18215	17165	2-3/4	.020	3/4	5/8-11	12,500
USC35	17110		3-1/2	.014	1-1/4	5/8-11	8,500
	17100			.020			
JUSC1	19095	17325	4	.020	1	5/8-11	8,500
USC4	18285		4	.035	1	5/8-11	8,500
USC5	18335		5	.020	1-1/4	5/8-11	7,000
	18345			.025			
USC6	18395		6	.020	1-3/8	5/8-11	6,000
	18405			.025			
	18425			.035			

For 302 Stainless Steel, add S to Catalog Number.

* Hurricane

Cable Twist Cup Brushes Continue

Tool Accessories

Knot Type:
DOUBLE ROW (UDX Type)



Cat. No.	Item No.		Dia. (in)	Fill Code No.	Trim Length (in)	Arbor Hole (in)	Max. Safe Free Speed RPM
	Carbon	Stainless					
UDX4	16615		4	.0118	1	5/8-11	8,500
	16625	16645		.014			
	16635	16655		.020			
UDX5	16395		5	.014	1-1/4	5/8-11	7,000
	16405	16435		.020			
	16415			.035			
UDX6	16445		6	.014	1-3/8	5/8-11	6,000
	16455	16505		.020			
	16465			.025			
	16475			.030			
	16485			.035			

For 302 Stainless Steel, add S to Catalog Number.

Knot Type Cable Twist:
DOUBLE ROW (UDXC Type)



Cat. No.	Item No.		Dia. (in)	Fill Code No.	Trim Length (in)	Arbor Hole (in)	Max. Safe Free Speed RPM
	Carbon	Stainless					
UDXC4	17035		4	.020	1	5/8-11	8,500
UDXC5	16905	16935	5	.020	1-1/4	5/8-11	7,000
UDXC6	16945		6	.020	1-3/8	5/8-11	6,000
	16965						

For 302 Stainless Steel, add S to Catalog Number.

Banded Cup Brushes

Offers increased aggressiveness by reducing flare of brush face. This brush is recommended for extremely rigorous jobs. The steel bridle that reduces flaring can easily be removed after the brush is worn down. It is then ready for many additional hours of service.

Knot Type, Banded:
DOUBLE ROW (UDXCB Type)

Brush Characteristics:

- Increased aggressiveness by reducing flare of brush face
- Band can be removed after brush is worn down

Popular Applications:

- Weld scale removal
- Deburring
- Roughing
- Paint removal
- Heavy-duty cleaning of large surfaces



Cat. No.	Item No.	Wire Dia. (in)	Trim Size (in)	Arbor Length (in)	Number of Rows	Max. Safe Free Speed RPM
UDXCB4	16685	4	.020	11/16	5/8-11	2 8,500
UDXCB5	17115	5	.020	7/8	5/8-11	2 7,000
UDXCB6	17135	6	.020	7/8	5/8-11	2 6,000
	17138					

Anderson

Triple Row, Banded Cup Brushes

Designed for use on special equipment for the purpose of burr removal from heat exchanger tube plates.

Knot Type Cable Twist, Banded:
TRIPLE ROW BANDED (UTXCB Type)

Brushing Characteristics:

- Rugged, fast cutting action
- Long life
- Safety designed cups
- Reduced flare at brush face
- Removable steel band

Popular Applications:

- Burr removal from heat exchanger plates



Cat. No.	Item No.	Dia. (in)	Wire Size (in)	Trim Length from Band (in)	Arbor Hole* (in)	Max. Safe Free Speed RPM
UTXCB6	19475	6	.020	7/8	5/8-11	6,000
	19495		.035			

*Also available in 1-1/16 hex for tube sheet deburring.

Anderbond Crimped Wire Cup Brushes

Encapsulated in tough black elastomer that gives resilient support for wire points and insures increased life. This brush provides strong brushing action and reduced wire breakage. It is an excellent tool for tough applications, such as removal of heavy burrs, corrosion and rust removal and for heavy weld scale removal.

Anderbond Brushes:
LIGHT DUTY (UC-U Type)

Brushing Characteristics:

- Metal wire encapsulated in elastomer
- Strong brushing action
- No inefficient flare out
- Fast cutting with minimum pressure

Popular Applications:

- Short trim application
- Relatively flat surfaces
- Avoid application to surfaces over 180°F



Cat. No.	Item No.	Dia. (in)	Wire Size (in)	Trim Length from Band (in)	Arbor Hole* (in)	Max. Safe Free Speed RPM
UC4U	10415	4	.014	7/8	5/8-11	8,500
	10425		.020			
UC6U	10435	6	.014	1-1/4	5/8-11	6,100
	10445		.020			

*All above brushes may be ordered with other arbor hole sizes: 5/8-11, 1/2-13, M10 x 1.25, M10 x 1.5, M14 x 2.0. No additional charge for arbor hole size changes. (M10 Arbor Hole is NOT recommended for 5" and 6" cup brushes)

Anderson

KNOT TYPE WIRE WHEEL BRUSHES

Twisted tuft brushes (knot type) provide very strong, high impact brushing action. These brushes will produce more thorough and uniform results on jobs requiring the removal of scale and surface contamination of metal. The TW series wide face twisted tuft sections are excellent for tire buffing, removal of large quantities of soft material and for severe cleaning and spatter removal in narrow, hard to reach areas.

Typical Applications:

- Weld cleaning
- Rust removal
- Steel drum cleaning
- Cement pipe fabrication
- Log de-barking
- Burr removal on bullet-nosed gears
- Steel descaling
- Carbon cathode cleaning
- Cleaning screen-type conveyors
- Removal of rubber flash
- Mold cleaning in tire industry, foundry
- Finishing of aluminum ware, copper heat dispensers, brass & copper
- Scarifying
- Roughing tires for retread operation
- Roughing plastic sheets for adhesive purposes
- Roughing finishing quality brick for appearance
- De-fibering wood pulp
- Cleaning oil tanks
- Cleaning oil & gas pipes
- Hot bar and rod descaling
- Cable cleaning and stripping
- Removing excess flux from welding rod during manufacture

Standard Twist

Standard twist has the tufts twisted 2/3 of their length. These brushes are satisfactory for the majority of applications where severe cleaning action is required.

Brush Characteristics:

- Twisted tuft straight wire construction
- Highest quality oil tempered carbon & stainless steel wire
- High to medium flexibility

Popular Applications:

- Weld cleaning
- Weld spatter removal (cable)
- Scale removal
- Cleaning
- Deburring
- Flash removal

Standard Twist: MEDIUM FACE (TS Type)

TS6



Cat. No.	Item No.		Dia. (in)	Wire. Size (in)	Approx. Face Width (in)	Approx. Width at Faceplate (in)	Trim Length (in)	Sugg. Arbor Hole (in)	Max. Safe Free Speed RPM
	Carbon	Stainless							
TS3	13513 13523 13533	13543 13553 13563	3	.018 .014 .020	3/8	15/32	11/16	1/2-3/8	25,000
TS4*	13573 13583 13593 13603	13613 13623 13633 13643	4	.018 .014 .016 .020	1/2	7/16	7/8	1/2-3/8	20,000
TS6	13664 13674 13684 13687 13682	13744 13754 13764 13681	6	.018 .014 .016 .020 .025	1/2	17/32	1-7/16	5/8-1/2	9,000
TS7	13814 13824		7	.014 .016	1/2	17/32	1-15/16	5/8-1/2	8,000
TS8	13874 13884 13894	13934 13944 13954	8	.018 .014 .016	5/8	17/32	1 - 3/4	5/8-1/2	6,000
TS10	13986 13996 14006		10	.018 .014 .016	11/16	9/16	2 - 1/4	3/4	4,500
TS12	14088 14098 14108	14128 14138	12	.018 .014 .016	3/4	5/8	3 - 1/8	1-1/4	3,600
TS15	14158 14168		15	.014 .016	13/16	5/8	4 - 5/8	1-1/4	3,600

For 302 Stainless Steel, add S to Catalog Number.
Distinctive black flanges identify Stainless Steel brushes
* Hurricane

Standard Twist: MEDIUM FACE, HEAVY DUTY (TSX Type)

TSX10



Cat. No.	Item No.	Dia. (in)	Wire. Size (in)	Approx. Face Width (in)	Approx. Width at Faceplate (in)	Trim Length (in)	Sugg. Arbor Hole (in)	Max. Safe Free Speed RPM
TSX6	13314	6	.016	7/8	5/8	1-1/4	5/8-1/2	8,000
TSX8	13274 13284	8	.014 .016	7/8	9/16	1-3/4	5/8-1/2	6,000
TSX10	13336	10	.0118	7/8	11/16	2-1/8	3/4	4,500
TSX12	13378	12	.014	7/8	11/16	2-1/4	1-1/4	3,600

Standard Twist: WIDE FACE, HEAVY DUTY (TW & TWX Type)

TW & TWX wheels fit directly on 2" diameter arbors without adapters. Adapters are required for mounting on smaller arbors. These must be ordered separately. One pair is required for each wheel. TW3 & TW4 have 5/8 - 1/2 arbor holes.

TWX8



Cat. No.	Item No.	Dia. (in)	Wire. Size (in)	Approx. Face Width (in)	Approx. Width at Faceplate (in)	Trim Length (in)	Max. Safe Free Speed RPM
TW3*	14844	3-1/4	.0118	5/8	3/4	5/8	20,000
TW4*	14854	4	.0118	7/8	3/4	7/8	20,000
TW6	14864 14874	6	.0118 .016	1	15/16	1-1/4	8,000
TW8	14884 14894 14934	8	.0118 .016 .025	1-1/8	1-1/32	1-3/4	6,000
TWX8	14794	8	.020	15/16	1-1/32	1-1/2	6,000
TW10	14908	10	.0118	1-3/8	1-15/32	2-1/4	4,500
TWX10	14808 14818	10	.016 .025	15/16	1-5/32	2-1/8	4,500
TW12	14928 14948	12	.0118 .016	1-3/8	1-1/32	3	3,600
TWX12	14828 14838	12	.016 .025	1	1-1/32	2-1/4	3,600
TWX104	14968	10	.025	2	1-3/4	2-1/8	4,500

*TW3 and TW4 have 5/8-1/2 Arbor Holes

Cable Twist

Cable twist has the tufts twisted for their entire length, thus affording maximum impact. These brushes should be used for extremely severe cleaning and removal of heavy encrustations.

Brush Characteristics:

- Twisted tufts wire construction
- High to medium flexibility
- Rugged high-impact action
- Highest quality oil tempered carbon and stainless steel wire

Popular Applications:

- Weld cleaning
- Weld spatter removal (cable)
- Scale removal
- Roughing for adhesion
- Flash removal
- Stringer bead weld cleaning

Cable Twist Continues

Tool Accessories

Anderson

**Cable Twist:
MEDIUM FACE (TC & QTC
Type)**



TC6

Cat. No.	Item No.		Dia. (in)	Wire. Size (in)	Approx. Face Width (in)	Approx. Width at Faceplate (in)	Trim Length (in)	Sugg. Arbor Hole* (in)	Max. Safe Free Speed RPM
	Carbon	Stainless							
TC4	12453	12203	4	.020	3/8	9/16	7/8	1/2-3/8	20,000
QTC6	12224	12234	6	.025	3/8	11/16	1-7/16	5/8-1/2	9,000
	12265							5/8-11	
TC6	13704	13784	6	.025	7/16	11/16	1-7/16	5/8-1/2	9,000
	19145	13785						5/8-11	
	12534							5/8-1/2	
TC8	13914		8	.025	9/16	11/16	1-3/4	5/8-1/2	6,000
QTC10	12256		10	.025	9/16	3/4	2-1/4	3/4	4,500
TC12	12758		12	.025	9/16	3/4	3	1-1/4	3,600

*Other Arbor Hole sizes available.
For 302 Stainless Steel, add S to Catalog Number.

**Cable Twist:
STRINGER BEAD (STCM Type)**

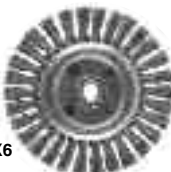


STCM150

Cat. No.	Item No.		Dia. (in)	Wire. Size (in)	Approx. Face Width (in)	Approx. Width at Faceplate (in)	Trim Lgth. (in)	Sugg. Arbor Hole* (in)	Max. Safe Free Speed RPM
	Carbon	Stainless							
STCM115	12310	12320	4-1/2	.020	1/4	7/16	13/16	5/8-3/8	12,500
STCM150	11245	11255	6	.020	5/32	7/16	1-1/4	5/8-11	9,000
STCM152	11270		6	.023	5/32	7/16	1-1/4	5/8-11	9,000
STCM170	12355	12365	6-5/8	.020	5/32	7/16	1-1/4	5/8-11	9,000
STCM170U	12357		6-5/8	.020	3/16	7/16	1-1/4	5/8-11	9,000
STCM178	12390		7	.020	5/32	7/16	1-3/32	5/8-11	9,000
STCM190	12375	12385	7-1/2	.020	1/8	15/32	1-1/8	5/8-11	9,000

*Other Arbor Hole sizes available.
For 302 Stainless Steel, add S to Catalog Number.

**Cable Twist:
MEDIUM FACE, HEAVY DUTY
(TCX Type)**



TCX6

Cat. No.	Item No.	Dia. (in)	Wire. Size (in)	Approx. Face Width (in)	Approx. Width at Faceplate (in)	Trim Length (in)	Sugg. Arbor Hole* (in)	Max. Safe Free Speed RPM

*Other Arbor Hole sizes available.
Distinctive black flanges identify stainless steel brushes.

MINI-GRINDER BRUSHES

Industrial mini-grinder brushes are available in wire wheel and cup types. Both styles come in carbon and stainless wire and are adaptable to both light and heavy duty brushing applications. In addition, there is also a wide variety of arbor hole sizes that will fit a wide range of electric and air power mini-grinders.

Popular Applications:

- For brushing confined areas such as corners & T-connections
- Stringer bead brush welding
- Flat surfaces & edge cleaning
- Bevel edge cleaning
- Both light & heavy duty cleaning jobs involving mini-grinders

HURRICANE Twist. Works more aggressively & increases brush life.

**KNOTTED WIRE CUPS
(US & USC Type)**

Well suited for weld cleaning, scale removal and deburring jobs. Hard to reach jobs (angle welds and corners) are made easy.



US80

Cat. No.	Item No.		Dia. (in)	Wire. Size (in)	Trim Lgth. (in)	Arbor Hole (in)	Max. Safe Free Speed RPM
	Carbon	Stainless					
US80	17260	17040	2-3/4	.0118	3/4	1/2-13	12,500
	17270	17050				M10 x 1.25	
	17280	17060				M10 x 1.5	
	17290	17070				M14 x 2.0	
	17195	17085				5/8-11	
USC80	17570	17090	2-3/4	.020	3/4	1/2-13	12,500
	17580	17120				M10 x 1.25	
	17590	17140				M10 x 1.5	
	17600	17150				M14 x 2.0	
	18215	17165				5/8-11	

CRIMPED WIRE CUPS (UCX Type)

For lighter duty applications where more uniform cleaning is required. The perfect choice for flat brushing and edge cleaning.



UCX3

Cat. No.	Item No.		Dia. (in)	Wire. Size (in)	Trim Lgth. (in)	Arbor Hole (in)	Max. Safe Free Speed RPM
	Carbon	Stainless					
UCX3	10460	10100	2-3/4	.014	3/4	1/2-13	12,500
	10470	10110				M10 x 1.25	
	10480	10120				M10 x 1.5	
	10490	10130				M14 x 2.0	
	10175	10145				5/8-11	

HURRICANE CABLE TWIST (TC Type)

Wire tufts twisted base to base provide rugged construction for heavy-duty work. This is the choice for broad surface, heavy scale brushing. Removes encrustations with ease.



TC4

Cat. No.	Item No.		Dia. (in)	Wire. Size (in)	Trim Lgth. (in)	Arbor Hole (in)	Max. Safe Free Speed RPM
	Carbon	Stainless					
TC4	12490	12120	4	.020	7/8	1/2-13	20,000
	12500	12130				M10 x 1.25	
	12510	12140				M10 x 1.5	
	12560	12150				M14 x 2.0	
	12575	12165				5/8-11	

**HURRICANE STANDARD TWIST
(TS Type)**



TS4

Cat. No.	Item No.		Dia. (in)	Wire. Size (in)	Trim Lgth. (in)	Arbor Hole (in)	Max. Safe Free Speed RPM
	Carbon	Stainless					
TS4	13585	13625	4	.014	7/8	5/8-11	20,000
	13605	13645					

Anderson

STRINGER BEAD (STCM Type)

These "mini", narrow faced, twisted tuft brushes are perfect for stringer bead weld cleaning or for brushing difficult and confined areas. They excel in cleaning tubing and fitting joints.



STCM115

Cat. No.	Item No.		Dia. (in)	Wire Size (in)	Trim Lgth. (in)	Arbor Hole (in)	Max. Safe Free Speed RPM
	Carbon	Stainless					
STCM115	12640		4-1/2	.020	13/16	1/2-13	12,500
	12650						
	12660						
	12670						
	12685						
STCM102	11100	11150	4	.020	7/8	1/2-13	20,000
	11110	11160					
	11120	11170					
	11130	11180					
	11145	11215					

For 302 Stainless Steel, add S to Catalog Number

Mini-Grinder Brush Adapters (MGA Type)

These adapters convert 5/8-11 diameter threaded arbor holes to metric M10 and 3/8-24 sizes, so they allow a wide choice of power tools. This added versatility will reduce brush inventory needs while increasing the work applications for your tools.

Cat. No.	Item No.	Dia. (in)	Arbor Hole (in)	Max. Safe Free Speed RPM
MGA-1	37992	5/8 - 11	M10 x 1.25	20,000
MGA-2	37993	5/8 - 11	M10 x 1.50	20,000
MGA-3	37994	5/8 - 11	3/8-24	20,000

For 302 Stainless Steel, add S to Catalog Number.



END BRUSHES

Application Guide for End Brushes

End brushes are used for getting at hard-to-reach places on thousands of jobs throughout the industry. These brushes are mounted on 1/4" diameter stems for use on portable air and electric tools, and in chucks on drill presses. (Micro brushes are mounted on 1/8" and 3/32" stems). They are available in a variety of styles to satisfy a wide range of requirements.

Popular Applications

- Rubber & plastic mold cleaning
- Inside diameter cleaning
- Deburring aircraft engine parts
- Preparing surfaces for paint and welding
- Cleaning castings for machinery
- Polishing dies

Crimped Wire

Brush Characteristics:

- Wide range of sizes & shapes
 - Highest quality oil tempered steel wire
 - Densely filled
 - Long life
 - Safe high speed operation
- Now available in carbon steel, stainless steel and brass wire for a wide range of applications.

- Stem diameter: 1/4"
- Trim Length: 7/8"
- *Max. Safe Free Speed 20,000 RPM, however, speeds over 8,000 RPM do not appreciably enhance the operation.
- Distinctive black cups identify stainless steel brushes.

Crimp Wire Continues

Popular Applications

- Weld cleaning
- Mold cleaning
- Deburring
- Polishing tools, dies & molds
- Removing rust & paint
- Spot facing

Crimped Wire (continued)

SOLID END (NS Type)

Cat. No.	Item No.		Dia. (in)	Wire Size (in)	Trim Lgth. (in)
	Carbon	Stainless			
NS3	06881	-	3/8	.006	7/8
	06891	-			
NS4	-	-	1/2	.005	7/8
	06901	06971			
	06921	06981			
	06931	06991			
	06941	07001			
NS6	-	-	3/4	.005	7/8
	07011	07071			
	07021	07081			
	07031	07091			
	07041	07101			
NS10	-	-	1	.005	7/8
	07111	07161			
	07121	07181			
	07131	07191			
	07141	07201			

For 302 Stainless Steel, add S to Catalog Number



NS10

COATED CUP (NSN Type)

Cat. No.	Item No.		Dia. (in)	Wire Size (in)	Trim Lgth. (in)
	Carbon	Stainless			
NSN4	-	07531	1/2	.006	7/8
	-	07541			
NSN6	-	07571	3/4	.006	7/8
	-	07581			

For 302 Stainless Steel, add S to Catalog Number



NSN6S

Dyna-Twist's exclusive twisting system has a superior knot construction that is densely filled, resulting in a longer brush life. These brushes come in a wide variety of shapes and sizes. Applications range from weld cleaning, mold cleaning, deburring, spot facing, rust & paint removal to the polishing of tools dies & molds. All brushes are of the highest quality tempered steel wire.

*Max. Safe Free Speed 20,000 RPM, however, speeds over 8,000 RPM do not appreciably enhance the operation.

HOLLOW END, SWAGED CUP - KNOT TYPE (NH Type)

Cat. No.	Item No.		Dia. (in)	Wire Size (in)	Trim Length (in)	Max. Safe Free Speed RPM
	Carbon	Stainless				
NH8	10921	10951	3/4	.014	7/8	20,000
	10931	10961				
NH12	12071	12101	1-1/8	.014	7/8	20,000
	12081	12111				

For 302 Stainless Steel, add S to Catalog Number.



NH12

HOLLOW END, LONG TRIM - KNOT TYPE (NH-X Type)

Cat. No.	Item No.		Dia. (in)	Wire Size (in)	Trim Length (in)	Max. Safe Free Speed RPM
	Carbon	Stainless				
NH8X	-	10923	3/4	.014	1-1/8	20,000
		10925				
NH12X	12072	-	1-1/8	.014	1-1/8	20,000
	12112	-				

For 302 Stainless Steel, add S to Catalog Number.



NH12X

HOLLOW END, FLARED CUP - KNOT TYPE (NHF Type)

Cat. No.	Item No.	Dia. (in)	Wire Size (in)	Trim Length (in)	Max. Safe Free Speed RPM
NHF12	06831	1-1/8	.014	7/8	20,000
	06841				



NHF12

Tool Accessories

Anderson

Miniature End Brushes

Miniature brushing tools are used for fine deburring, edge blending and surface finishing where dimension changes are critical. Used in the electronic and instrument industries and tool and die shops. These brushes are used for blending surface junctures without dimensional distortion.

END BRUSH (MN Type)

Cat. No.	Item No.		Dia. (in)	Wire Size (in)	Max. Safe Free Speed RPM
	Carbon	Stainless			
MN3	22740	22730	3/16	.003	1/8
MN4	22760	22770	1/4	.005	1/8
MN5	22780	22790	5/16	.005	1/8

For 302 Stainless Steel, add S to Catalog Number.



CUP BRUSH (MU Type)

Cat. No.	Item No.		Dia. (in)	Wire Size (in)	Max. Safe Free Speed RPM
	Carbon	Stainless			
MU8	22870	22890	9/16	.005	1/8

For 302 Stainless Steel, add S to Catalog Number.

WHEEL BRUSH (MW Type)

Cat. No.	Item No.		Dia. (in)	Wire Size (in)	Max. Safe Free Speed RPM
	Carbon	Stainless			
MW10	22930	22940	5/8	.005	1/8
MW12	22960	22950	3/4	.005	3/32
MW16	23030	23010	1	.005	3/32
MW20	23070		1-1/4	.005	1/8
MW24	23100	23110	1-1/2	.005	1/8

For 302 Stainless Steel, add S to Catalog Number.

TUBE BRUSHES

Single Spiral

Wire tube brushes are used for cleaning and finishing internal areas. These brushes are made with heavy stem wire and filled with carbon steel, stainless steel wire, or brass wire. They can be used by hand or with portable tools and drill presses.

Popular Applications:

- Internal deburring
- Internal thread cleaning
- Internal rust and dirt removal

Brush Characteristics:

- Designed for use in portable tools and drill presses
- Highest quality crimped wire
- Heavy twisted stem wire

Mount brush tightly in power tool with minimum overhang. Engage brush in hole to be brushed before starting rotation. Stop rotation before retracting brush.

SINGLE SPIRAL (WTS Type)

Cat. No.	Item No.		Dia. (in)	Wire Size (in)	Length of Brush Part (in)	Overall Length (in)
	Carbon	Stainless				
WTS3	28120	28140	3/16	.003	1-1/2	7
	28130	28150				
WTS4	28160	28180	1/4	.004	1-1/2	7
	28170	28190				
WTS6	28200	28280	3/8	.004	2	8
	28210	28230				
WTS8	28240	28260	1/2	.005	2	8
	28250	28270				

For 302 Stainless Steel, add S to Catalog Number.



SINGLE SPIRAL (PTS Type)

Cat. No.	Item No.			Dia. (in)	Wire Size (in)	Length of Brush Part (in)	Approx. Stem Dia. (in)	Overall Length (in)
	Carbon	Stainless	Brass					
PTS1	25770	26500	25752	5/32	.003	7/16	1/16	2-1/4
PTS2	25770	26510	25762	1/4	.004	1	1/8	3-1/2
PTS3	25770	26530	25772	3/8	.004	1	1/8	3-1/2
PTS4	25770	26540	25782	1/2	.005	1	3/16	3-1/2
PTS5	25770	26560	25792	5/8	.005	1	3/16	3-1/2
PTS6	25801	26581	25802	3/4	.006	1	1/4	3-1/2
PTS7	25811	26591	25812	7/8	.006	1	1/4	3-1/2
PTS8	25821	26631	25822	1	.008	1	1/4	3-1/2
PTS9	25831	26601	25832	1-1/8	.008	1	1/4	3-1/2
PTS10	25841	26621	-	1-1/4	.008	1	1/4	3-1/2

Double Spiral

Power tube double stem brushes are used for cleaning larger areas quickly. The stems and brush wire are made of carbon steel wire. Power tube brushes are used with portable tools and drill presses. Highest quality wire and rugged construction provide maximum cleaning action.

DOUBLE SPIRAL (PTD Type)

Cat. No.	Item No.		Dia. (in)	Wire Size (in)	Length of Brush Part (in)	Approx. Stem Dia. (in)	Overall Length (in)
	Carbon	Stainless					
PTD4	24200	24201	1/2	.004	2	1/8	5
	24210						
PTD5	24230	24231	5/8	.005	2	3/16	5
	24240	24241					
	24250	24251					
PTD6	24281	24283	3/4	.006	2-1/2	1/4	5
	24291	24293					
PTD7	24321	24323	7/8	.006	2-1/2	1/4	5
	24331	24333					
PTD8	24351	24353	1	.006	2-1/2	1/4	5
	24361	24363					
PTD9	24370	24372	1-1/4	.006	2-1/2	1/4	5
	24380						

For 302 Stainless Steel, add S to Catalog Number.



DOUBLE SPIRAL (PTDL Type)

Cat. No.	Item No.	Dia. (in)	Wire Size (in)	Length of Brush Part (in)	Approx. Stem Dia. (in)	Overall Length (in)
PTDL3	24890	3/8	.006	2	1/8	6
PTDL4	24900	1/2	.006	2	1/8	6
PTDL5	24910	5/8	.006	3-1/2	3/16	5-1/2
PTDL6	24921	3/4	.006	3-1/2	1/4	5-1/2

STEM MOUNTED BRUSHES

Stem Mounted Brushes

Brush Characteristics

- Wide range of sizes and shapes
- Highest quality oil tempered steel wire
- Density filled
- Long life

Popular Applications:

- Weld cleaning
- Mold cleaning
- Deburring
- Polishing tools, dies and molds
- Removing rust & paint
- Spot facing

CIRCULAR FLARED END (NF Type)

Cat. No.	Item No.		Dia. (in)	Size (in)	Max. Safe Free Speed RPM
	Carbon	Stainless			
NF10	05701	05741	1	.006	20,000
	05711	05751			
	05731				
NF12	05781	05821	1-1/4	.006	20,000
	05791				
	05811				
NF14	05861	05911	1-1/2	.006	20,000
	05871	05921			
	05881				
	05891	05941			
NF16	05401	05421	1-3/4	.008	20,000
NF20	05441	05471	2	.008	20,000
	05451				
	05461				
NF26	05961	06001	2-3/4	.008	15,000
	05971				
	05981				
NF30	06031	06081	3	.006	15,000
	06041	06091			
	06051				
	06061				
	06071	06121			
NF40	06141	06181	4	.008	15,000



For 302 Stainless Steel, add S to Catalog Number
Stem Diameter: 1/4", Length: 7/8"
Maximum Safe Free Speed: Speeds over 8,000 do not appreciably enhance the operation.

Anderson/Brunner & Lay

STEM MOUNTED SINGLE SECTION FLARED CUP BRUSH (SSMF Type)

Flared single section brushes are excellent for ID cleaning and are more flexible than non-flared single sections. They are less aggressive and conform to irregular surfaces better.

Cat. No.	Item No.		Dia. (in)	Wire Size (in)	Max. Safe Free Speed RPM
	Carbon	Stainless			
SSMF14	08525	08625	1-1/2	.006	20,000
	08545			.008	
	08575			.0118	
SSMF20	08725		2	.008	20,000
	08754	08845		.014	
SSMF24	08865		2-21/2	.006	20,000
	08885			.0118	
	08904			.014	
SSMF30	09002	09095	3	.006	20,000
	09034			.0018	
	09065	09146		.014	
SSMF40	08546		4	.014	20,000

For 302 Stainless Steel, add S to Catalog Number.



SSMF24

STEM MOUNTED KNOT TYPE WHEELS (TS-M Type)

Cat. No.	Item No.		Dia. (in)	Wire Size (in)	Trim Length (in)	Max. Safe Free Speed RPM
	Carbon	Stainless				
TS3M	13650	-	3	.0118	11/16	25,000
	03651	13556		.014		
	03652	13562		.020		
TS4M	03657	-	4	.0118	7/8	20,000
	03658	13654		.014		
	03659	-		.020		



TS3M

STEM MOUNTED SINGLE SECTION (SSM-U Type)

Encapsulated wires for more aggressive action, safety and longer life

Cat. No.	Item No.	Dia. (in)	Wire Size (in)	Max. Safe Free Speed RPM
SSM24U	08907	2-1/2	.014	20,000
SSM30U	09015	3	.008	15,000



SSM24U

STEM MOUNTED END BRUSHES (NFE Type)

Cat. No.	Item No.	Dia. (in)	Wire Size (in)	Max. Safe Free Speed RPM
	05491		.010	
NF20U	05521	2	.006	20,000
	05531		.010	
NF30U	06011	3	.006	20,000
	06021		.010	



NF20U

Brunner & Lay

Paving Breaker Tools

Moil Point

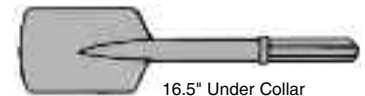
Narrow Chisel

3" Chisel

Shank Size (in)	Lgth. Under Collar (in)	Moil Point		Narrow Chisel		3" Chisel	
		Part No.	Wt. (lbs)	Part No.	Wt. (lbs)	Part No.	Wt. (lbs)
		Standard		Standard		Standard	
7/8 x 3-1/4	14	A11014	3-1/4	A12014	3-1/4	A13014	3-1/4
	18	A11018	4	A12018	4	A13018	4-1/4
7/8 x 4-1/4	14	A01014	3-1/4	A02014	3-1/4	A03014	3-1/2
	18	A01018	4	A02018	4	A03018	4-1/4
1 x 4-1/4	14	A21014	4-1/2	A22014	4-1/2	A23014	5
	18	A21018	5-1/2	A22018	5-1/2	A23018	6
	24	A21024	6-3/4	A22024	6-3/4	A23024	7-1/2
	36	A21036	8-3/4	A22036	8-3/4	A23036	10-1/2
	48	A21048	12-1/2	A22048	12-1/2	A23048	13-1/2
	60	A21060	14-1/2	A22060	14-1/2	A23060	16
	72	A21072	18-3/4	A22072	18-3/4	A23072	19-1/2
1-1/8 x 6	14	A31014	6	A32014	6	A33014	6-3/4
	18	A31018	7-1/4	A32018	7-1/4	A33018	8
	24	A31024	9	A32024	9	A33024	10-1/4
	36	A31036	12-1/2	A32036	12-1/2	A33036	14-3/4
	48	A31048	16	A32048	16	A33048	17-1/2
	60	A31060	18-1/2	A32060	18-1/2	A33060	20
	72	A31072	23	A32072	23	A33072	20-3/4
1-1/4 x 6	14	A41014	7-1/4	A42014	7-1/4	A43014	8
	18	A41018	9	A42018	9	A43018	9-1/2
	24	A41024	11	A42024	11	A43024	12-1/2
	36	A41036	15-3/4	A42036	15-3/4	A43036	18
	48	A41048	20-1/4	A42048	20-1/4	A43048	20-1/2
	60	A41060	22-1/4	A42060	22-1/4	A43060	24-3/4
	72	A41072	23-3/4	A42072	23-3/4	A43072	29-3/4
		Hi-Duty		Hi-Duty		Hi-Duty	
7/8 HX x 3-1/4	14	A14014	4-1/4	A15014	4-1/4	A16014	4-1/4
	18	A14018	5	A15018	5	A16018	5
1 x 4-1/4	14	A24014	4-3/4	A25014	4-3/4	A26014	5-1/2
	18	A24018	6	A25018	6	A26018	6-1/2
	24	A24024	8-1/4	A25024	8-1/4	A26024	8
1-1/8 x 6	14	A34014	6-1/2	A35014	6-1/2	A36014	7-1/4
	18	A34018	7-3/4	A35018	7-3/4	A36018	8-1/2
	24	A34024	10	A35024	10	A36024	10-3/4
1-1/4 x 6	14	A44014	8	A45014	8	A46014	8-1/2
	18	A44018	9-1/4	A45018	9-1/4	A46018	10
	24	A44024	12	A45024	12	A46024	13

BLADED TOOLS:

Clay Spade



16.5" Under Collar

Shank Size (in)	4-1/2" Blade	5-1/2" Blade	8" Blade	Wt. (lbs)
3/4 sq. x 2-3/4	B50200	B50300		7
7/8 x 2-3/4	B70200	B70300		7
7/8 x 3-1/4	B10200	B10300		7-1/4
7/8 x 4-1/4		B00300		7-1/4
1 x 4-1/4	B20200	B20300		7-1/4
1-1/8 x 6	B30200	B30300		10
1-1/4 x 6	B40200	B40300		10-1/2
1-1/8 x 6			B30400	13-1/2
1-1/4 x 6			B40400	14

Digging Chisel



Shank Size (in)	Length U.C. (in)	Blade (in)	Part No.	Wt. (lbs)
7/8 x 3-1/4	17-1/4	3 x 10	B10600	6-1/2
1 x 4-1/4	17-1/4	3 x 10	B20600	7-1/2
1-1/8 x 6	16-1/2	3 x 12	B30600	8-3/4
1-1/4 x 6	16-1/2	3 x 12	B40600	10-1/2

Tool Accessories

Brunner & Lay

Brick Removing Tool

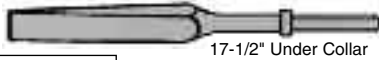
Shank Size (in)	Blade (in)	Part No.	Wt. (lbs)
1 x 4-1/4	2-1/8 x 5	B20900	6-1/2
1-1/8 x 6	2-1/8 x 5	B30900	7
1-1/4 x 6	2-1/8 x 5	B40900	7-1/2



11-1/2" Under Collar

Frost Wedge

Shank Size (in)	Blade (in)	Part No.	Wt. (lbs)
7/8 x 3-1/4	1-7/8 x 12	B10700	8-1/2
1 x 4-1/4	1-7/8 x 12	B20700	9
1-1/8 x 6	2 x 12	B30700	10-1/2
1-1/4 x 6	2 x 12	B40700	10-3/4



17-1/2" Under Collar

Asphalt Wedge

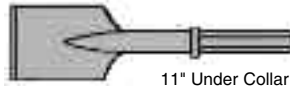
Shank Size (in)	Blade (in)	Part No.	Wt. (lbs)
1 x 4-1/4	3 x 7	B21000	6
1-1/8 x 6	3 x 7	B31000	7-1/4
1-1/4 x 6	3 x 7	B41000	7-1/2



12" Under Collar

Asphalt Cutter

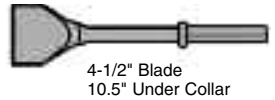
Shank Size (in)	Blade (in)	Part No.	Wt. (lbs)
7/8 x 3-1/4	5 x 6	B10500	5-1/2
7/8 x 4-1/4	5 x 6	B00500	5-3/4
1 x 4-1/4	5 x 6	B20500	6-1/2
1-1/8 x 6	5 x 6	B30500	8-1/2
1-1/4 x 6	5 x 6	B40500	9



11" Under Collar

Tarmac Cutter

Shank Size (in)	Part No.	Wt. (lbs)
1 x 4-1/4	B20035	7-1/4
1-1/8 x 6	B30035	7-3/4
1-1/4 x 6	B40035	8-3/4



4-1/2" Blade
10.5" Under Collar

Bushing Tool

Shank Size (in)	Length U.C. (in)	Part No.	Wt. (lbs)
7/8 x 2-3/4	12	B71100	6
7/8 x 3-1/4	12	B11100	6
1 x 4-1/4	9	B21100	5-1/4
1-1/8 x 6	9	B31100	7
1-1/4 x 6	9	B41100	7-1/2



Face Size 2" x 2"

Keen Kuts

Shank Size (in)	Part No.	Wt. (lbs)
1-1/8 x 6	A90008	7
1-1/4 x 6	A90009	8-1/2



16" Under Collar

Concrete Buster

Shank Size (in)	Part No.	Wt. (lbs)
7/8 x 3-1/4	B10800	8-3/4
1 x 4-1/4	B20800	10
1-1/8 x 6	B30800	11
1-1/4 x 6	B40800	11-3/4



14-1/2" Under Collar

Detachable Shank

Shank Size (in)	Part No.	Wt. (lbs)
7/8 x 3-1/4	B11200	4-1/2
7/8 x 4-1/4	B01200	4-1/2
1 x 4-1/4	B21200	5-1/4
1-1/8 x 6	B31200	6-3/4
1-1/4 x 6	B41200	7-1/2



9" Under Collar

Sheathing Driver Shoe

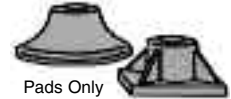
Inside Dia. (in)	Part No.	Wt. (lbs)
2	B91502	14-1/2
3	B91503	16-1/2

Shoes for use with Wood Sheathing only



Dirt Tamers Round & Square

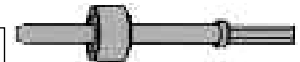
Outer Dia. (in)	Part No.	Wt. (lbs)
7" RD.	B91607	14-1/2
6" SQ.	B91606	12-3/4
8" SQ.	B91608	19-1/2



Pads Only

Pipe Driver

Shank Size (in)	Specify Size Pipe to be Driven	Part No.	Wt. (lbs)
1 x 4-1/4	3/4" pipe	B21859	6
	1" to 2" pipe	B21861	6
1-1/8 x 6	1" to 2"	B31861	14
	1-1/4" to 2" pipe	B31863	14
1-1/4 x 6	1 1/4" to 2"	B41863	15
	1-1/2" to 2" pipe	B41865	15



Larger Drivers are two piece sold as a set

Plug & Feathers

Shank Size (in)	Hole Size (in)	Unit	Part No.	Wt. (lbs)
1 x 4-1/4	1-1/2	Shank	B22000	5-1/4
		Feathers	B92200	5
1-1/8 x 6	1-1/2	Shank	B32000	9-1/4
		Feathers	B92200	5
		Shank	B32100	9-3/4
1-1/4 x 6	1-1/2	Feathers	B92300	5
		Shank	B42000	9-1/4
		Feathers	B92200	5
2	1-1/2	Shank	B42100	10-1/2
		Feathers	B92300	5-1/2



Specify for 1-1/2" or 2" hole

Sign Post Driver

Shank Size (in)	Part No.	Wt. (lbs)
1-1/8 x 6	B34006	8-3/4
1-1/4 x 6	B44006	8-1/2



Two pieces sold as a set
16-1/4" Under Collar

Railroad Spike Drive

Shank Size (in)	Part No.	Wt. (lbs)
7/8 x 3-1/4	B41850	4
1 x 4-1/4	B41851	4-1/2
1-1/8 x 6	B41852	6
1-1/4 x 6	B41853	6-3/4



Pin Driver

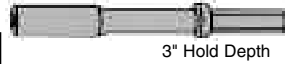
* = 2 piece set
Specify size rod or pipe to be driven.

Shank Size = Pine Size (in)	1" x 4-1/4" No.	Wt. (lbs)	1-1/8" x 6" No.	Wt. (lbs)	1-1/4" x 6" No.	Wt. (lbs)
5/8	B21983	5	B31983	6	B41983	7-1/2
3/4	B21985	5	B31985	6-3/4	B41985	7-1/2
7/8	B21987	5	B31987	6-1/2	B41987	7-1/2
1	B21989	5	B31989	6-1/2	B41989	7-1/4
1-1/4	B21991	4-1/2	B31991	6	B41991	7
1-1/2	B21993	7-3/4	B31993	8-1/2	B41993	9
1-3/4	B21995	7-1/2	B31995	8-1/4	B41995	8-3/4
2	B21997	7	B31997	8	B41997	8-1/4
*2-1/2	B21999	7	B31999	8	B41999	8-1/4



Brunner & Lay

Ground Rod Driver



Shank Size (in)	Rod Size (in)	Socket Size (in)	Part No.	Wt. (lbs)
7/8 x 3-1/4	5/8	11/16	B12783	4-3/4
	3/4	13/16	B12785	4-1/2
1 x 4-1/4	5/8	11/16	B22783	5
	3/4	13/16	B22785	4-3/4
	7/8	15/16	B22787	4-1/2
	1	1-1/16	B22789	4-1/2
1-1/8 x 6	5/8	11/16	B32783	6-1/2
	3/4	13/16	B32785	6-1/2
	7/8	15/16	B32787	6-1/4
	1	1-1/16	B32789	6-1/4
1-1/4 x 6	5/8	11/16	B42783	7-1/4
	3/4	13/16	B42785	7-1/4
	7/8	15/16	B42787	7
	1	1-1/16	B42789	7

Carbon Hollow Drill Steel



Shank Size	7/8" x 3-1/4"				7/8" x 4-1/4"				1" x 4-1/4"			
	Thread	E (5/8")	H (1")		H (1")		H (1")		D (1-3/16")			
Under Collar Lgth. (ft)	Part No.	Wt. (lbs)	Part No.	Wt. (lbs)	Part No.	Wt. (lbs)	Part No.	Wt. (lbs)	Part No.	Wt. (lbs)		
1	E11012E	3	E11012H	3	E12012H	3	E23012H	4	E23012D	5		
1-1/2	E11018E	4	E11018H	4	E12018H	4	E23018H	5	E23018D	6		
2	E11024E	5	E11024H	5	E12024H	5	E23024H	7	E23024D	8		
2-1/2	E11030E	6	E11030H	6	E12030H	6	E23030H	8	E23030D	9		
	E11036E	7	E11036H	7	E12036H	7	E23036H	9	E23036D	10		
	E11048E	9	E11048H	9	E12048H	9	E23048H	12	E23048D	13		
5	E11060E	11	E11060H	11	E12060H	11	E23060H	14	E23060D	15		
	E11072E	13	E11072H	13	E12072H	13	E23072H	18	E23072D	19		
	E11096H	17	E12096H	17								
10			E11120H	21	E12120H	21	E23120H	27				
			E11144H	25	E12144H	25	E23144H	32				
			E11168H	29	E12168H	29	E23168H	37				

Note: Longer Length and Extension Steels Available

Accessories:

	Part No.	Wt. (lbs)
H-Thread Coupling	CCH0000	1/2
H to D Adaptor	CBH0000	1

Rock Bits

All Steel ROK-BITS

To order four air hole in "D" thread. Replace the #2 with a #4 Weights in ounces



Carbide ROK-BIT "ECON" 1/4" insert



DEEP CARBIDE ROK-BIT 9/16" carbide insert

Thread	E		H		D		H		H		D		
	Box Qty	No.	Wt. oz	No.	Wt. oz	No.	Wt. oz	No.	Wt. lbs	No.	Wt. lbs	No.	Wt. lbs
15/16	50	LE23	2										
1	50	LE26	2										
1-1/8	50	LE28	3										
1-1/4	50	LE32	3										
1-3/8	50			LH35SH	5			T1207L0	1/2	T1207M0	1/2		
1-1/2	50			LH38SH	6			T1507L0	1/2	T1507M0	1/2		
1-5/8	50			LH41SH	7			T1607L0	1/2	T1607M0	3/4		
1-3/4	50			LH44SH	8	LD452AH	8	T1707L0	3/4	T1707M0	3/4		
1-7/8	50			LH47SH	8	LD482AH	13			T1907M0	3/4		
2	50			LH50SH	9	LD512AH	15	T2007L0	1	T2007M0	1		
2-1/4	50			LH57SH	10	LD572AH	18			T2207M0	1-1/4		
2-1/2	50			LH63SH	17	LD642AH	19			T2507M0	1-1/2		
2-5/8	50			LH66SH	18								
2-3/4	30					LD702AH	22						
3	30					LD762AH	24			T3007M0	2.00	T3008M0	2.75
3-1/4	30					LD832AH	32						
3-1/2	20					LD892AH	41						
4	20					LD1012AH	51						

C-9 Whirlbits



Whirlbits



Hole Size (in)	Hole Depth (in)	C-9	Wt (lbs)	7/8" x 3-1/4"	Wt (lbs)	7/8" x 4-1/4"	Wt. (lbs)	1" x 4-1/4"	Wt. (lbs)
1/2	8	X90212	3/4						
	10.5	X90312	1						
	5/8			X30216	2	X31216	2		
5/8	8	X90116	1-1/4						
	9			X30316	2-1/2	X31316	2-1/2		
	5/8	X90316	1-1/2						
5/8	12			X30416	3-1/2	X31416	3-1/2		
	18	X90416	2						
	5/8			X30616	4-3/4	X31616	4-3/4		
3/4	6			X30219	2	X31219	2	X32219	2-1/4
	8	X90119	1-1/4						
	3/4			X30319	2-1/2	X31319	2-1/2	X32319	2-1/4
3/4	12	X90319	1-3/4						
	14			X30419	3-1/2	X31419	3-1/2	X32419	3-3/4
	3/4	X90419	2-1/4						
3/4	20			X30619	4-1/2	X31619	4-1/2	X32619	4-3/4
	3/4	X30819	5-1/2			X31819	5-1/2	X32819	5-3/4
	3/4	X30222	2			X31222	2	X32222	2-1/4
7/8	8	X90122	1-1/2						
	9			X30322	2-1/2	X31322	2-1/2	X32322	2-1/4
	7/8	X90322	2						
7/8	14			X30422	3-1/2	X31422	3-1/2	X32422	3-3/4
	18	X90422	2-3/4						
	7/8			X30622	4-1/4	X31622	4-1/4	X32622	4-3/4
7/8	26			X30822	5-1/2	X31822	5-1/2	X32822	5-3/4
	1	6		X30225	2	X31225	2	X32225	2-1/4
	1	8	X90125	2					
1	9			X30325	2-1/2	X31325	2-1/2	X32325	2-1/4
	1	12	X90325	2-1/2					
	1	14		X30425	3-1/2	X31425	3-1/2	X32425	3-3/4
1	18	X90425	3-1/2						
	1	20		X30625	4-1/2	X31625	4-1/2	X32625	4-3/4
	1	24	X90625	4-1/2					
1	26			X30825	5-1/2	X31825	5-1/2	X32825	5-3/4
	1-1/8	8	X90128	2-1/2					
	1-1/8	9		X30328	2-3/4	X31328	2-3/4	X32328	3
1-1/8	12	X90328	3-1/4						
	1-1/8	14		X30428	3-3/4	X31428	3-3/4	X32428	4
	1-1/8	18	X90428	4-1/2					
1-1/8	26			X30628	4-3/4	X31628	4-3/4	X32628	5
	1-1/8	20		X30828	5-3/4	X31828	5-3/4	X32828	6
	1-1/4	8	X90132	2-3/4					
1-1/4	9			X30332	2-3/4	X31332	2-3/4	X32332	3
	1-1/4	12	X90332	3-1/4					
	1-1/4	14		X30432	3-3/4	X31432	3-3/4	X32432	4
1-1/4	18	X90432	4-1/2						
	1-1/4	20		X30632	4-3/4	X31632	4-3/4	X32632	5
	1-1/4	26		X30832	5-3/4	X31832	5-3/4	X32832	6
1-3/8	8	X90135	2-3/4						
	1-3/8	9		X30335	3	X31335	3	X32335	3-1/4
	1-3/8	12	X90335	3-1/4					
1-3/8	14			X30435	4	X31435	4	X32435	4-1/4
	1-3/8	18	X90435	4-3/4					
	1-3/8	20		X30635	5	X31635	5	X32635	5-1/4
1-3/8	26			X30835	6	X31835	6	X32835	6-1/4
	1-1/2	8	X90138	2-3/4					
	1-1/2	9		X30338	2-3/4	X31338	2-3/4	X32338	3-1/4
1-1/2	12	X90338	3-1/2						
	1-1/2	14		X30438	3-3/4	X31438	3-3/4	X32438	4-1/4
	1-1/2	18	X90438	4-3/4					
1-1/2	20			X30638	4-3/4	X31638	4-3/4	X32638	5-1/4
	1-1/2	26		X30838	5-3/4	X31838	5-3/4	X32838	6-1/4

Tool Accessories

Brunner & Lay

Electric Hammer Tool

	Overall Length (in)	Blade Size (in)	Rotary Hammer		Demolition Hammer		Electric Breaker	
			No.	Wt. (lbs)	No.	Wt. (lbs)	No.	Wt. (lbs)
Moil Point	12		D21012	1-1/2	D11012	1-1/2		
	18		D21018	2-1/4			D31020	6
	20				D11020	2-3/4		
Flat Chisel	12	7/8	D22012	1-1/2	D12012	1-1/2		
	18	7/8	D22018	2-1/4			D32020	6
	20				D12020	2-3/4		
Scaling Chisel	12	1-1/2	D22026	1-1/2	D12026	1-1/2		
	12	2	D22028	1-3/4	D12028	1-3/4		
	12	2-1/2	D22030	2	D12030	2		
	12	3	D22032	2	D12032	2		
	20	3					D33020	6-1/4
Bushing Tool	10		D21100	2-1/2	D11100	2-1/2		
Asphalt Cutter	16	5			D10500	3-1/2	D30500	8-1/4
Clay Spade	16	4-1/2			D10200	4		
	16	5-1/2					D30300	10

Rotary Hammer

C-P: PHD26, PH38, PHD38D
Black & Decker: Macho I, II, III
Bosch: 11202, 11203, 11205, 11209, 11306
Metabo: 1129, RH99, RH99X
Milwaukee: 5343, 5347

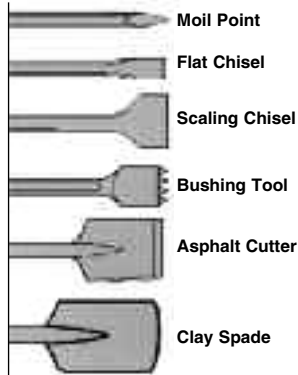
Demolition Hammer

Bosch: 11302, 11305, 11311
Hitachi: H55SC
Kango: 900S

Electric Breaker

B & D: 5027
Bosch: 11304, BRUTE
Hitachi: H85, H90SB, H65
Kango: 2500

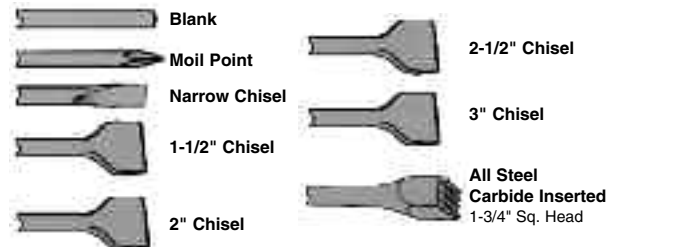
The Electric Breaker uses the standard 1-1/8" Hex x 6" Paving Breaker Shank. All Electric Breaker points, chisels and scaling chisels, have a 20-1/2" over all length.



Chipping Hammer Tools

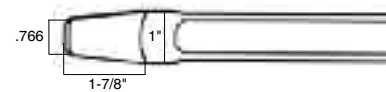
	Lgth. (in)	ROUND SHANK Oval Collar		HEX SHANK Oval Collar		ROUND SHANK Round Collar		HEX SHANK Round Collar	
		No.	Wt. (lbs)	No.	Wt. (lbs)	No.	Wt. (lbs)	No.	Wt. (lbs)
Blank	8-1/2	L01J08	1-1/4	L01G08	1-1/4	L01H08	1-1/4	L01F08	1-1/4
	11-1/2	L01J11	1-1/2	L01G11	1-1/2	L01H11	1-1/2	L01F11	1-1/2
Moil Point	9	L02J09	1-1/4	L02G09	1-1/4	L02H09	1-1/4	L02F09	1-1/4
	12	L02J12	1-1/2	L02G12	1-1/2	L02H12	1-1/2	L02F12	1-1/2
	18	L02J18	2-1/2	L02G18	2-1/2	L02H18	2-1/2	L02F18	2-1/2
	24	L02J24	3-1/4	L02G24	3-1/4	L02H24	3-1/4	L02F24	3-1/4
	36	L02J36	5	L02G36	5	L02H36	5	L02F36	5
	48	L02J48	6	L02G48	6	L02H48	6	L02F48	6
	60	L02J60	8	L02G60	8	L02H60	8	L02F60	8
	72	L02J72	10	L02G72	10	L02H72	10	L02F72	10
Narrow Chisel	9	L03J09	1-1/4	L03G09	1-1/4	L03H09	1-1/4	L03F09	1-1/4
	12	L03J12	1-1/2	L03G12	1-1/2	L03H12	1-1/2	L03F12	1-1/2
	18	L03J18	2-1/2	L03G18	2-1/2	L03H18	2-1/2	L03F18	2-1/2
	24	L03J24	3-1/4	L03G24	3-1/4	L03H24	3-1/4	L03F24	3-1/4
	36	L03J36	5	L03G36	5	L03H36	5	L03F36	5
	48	L03J48	6	L03G48	6	L03H48	6	L03F48	6
	60	L03J60	8	L03G60	8	L03H60	8	L03F60	8
	72	L03J72	10	L03G72	10	L03H72	10	L03F72	10
1-1/2" Chisel	9	L09J09	1-1/4	L09G09	1-1/4	L09H09	1-1/4	L09F09	1-1/4
	12	L09J12	1-1/2	L09G12	1-1/2	L09H12	1-1/2	L09F12	1-1/2
	18	L09J18	2-1/2	L09G18	2-1/2	L09H18	2-1/2	L09F18	2-1/2
2" Chisel	9	L11J09	1-1/4	L11G09	1-1/4	L11H09	1-1/4	L11F09	1-1/4
	12	L11J12	1-3/4	L11G12	1-3/4	L11H12	1-3/4	L11F12	1-3/4
	18	L11J18	2-3/4	L11G18	2-3/4	L11H18	2-3/4	L11F18	2-3/4
2-1/2" Chisel	9	L12J09	1-1/2	L12G09	1-1/2	L12H09	1-1/2	L12F09	1-1/2
	12	L12J12	2	L12G12	2	L12H12	2	L12F12	2
	18	L12J18	2-3/4	L12G18	2-3/4	L12H18	2-3/4	L12F18	2-3/4
3" Chisel	9	L14J09	1-1/2	L14G09	1-1/2	L14H09	1-1/2	L14F09	1-1/2
All Steel Carbide Inserted	10	L07J00	2-1/2	L07G00	2-1/2	L07H00	2-1/2	L07F00	2-1/2
	10	L17J00	3	L17G00	3	L17H00	3	L17F00	3

Longer lengths available on Blanks, Points, Narrow Chisels, and Scaling Chisels



RIVET BUSTER TOOLS:

Standard 80X Rivet Buster Tools



Length (in)	Point		Chisel		Side Cut Chisel	
	Part No.	Wt. (lb. oz)	Part No.	Wt. (lb. oz)	Part No.	Wt. (lb. oz)
9	L21A09	1-1/2	L22A09	1-1/2	L23A09	1-1/2
12	L21A12	2	L22A12	2	L23A12	2
18	L21A18	3-1/4	L22A18	3-1/4	L23A18	3-1/4

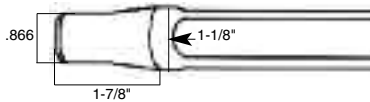
Length (in)	Rivet Size (in)	Part No.	Wt. (lbs)
9	3/8	L24A09	1-1/2
9	1/2	L25A09	1-1/2
9	3/4	L27A09	1-1/2
9	7/8	L28A09	1-1/2

Back Out Punches

Standard clearance is 1-1/2"
Longer lengths available upon request.

Brunner & Lay/Cleveland Steel Tool

Jumbo 11X Rivet Buster Tools



Point		Chisel		Side Cut Chisel		
Length (in)	Part No.	Wt. (lbs)	Part No.	Wt. (lbs)	Part No.	Wt. (lbs)
10	L21B10	2	L22B10	2	L23B10	2
12	L21B12	2-1/2	L22B12	2-1/2	L23B12	2-1/2
18	L21B18	3-3/4	L22B18	3-3/4	L23B18	3-3/4

Length (in)	Rivet Size (in)	Part No.	Wt. (lbs)
10	3/8	L24B10	2
10	1/2	L25B10	2
10	3/4	L27B10	2
10	7/8	L28B10	2

Back Out Punches

Clearance (in)	Tube Size (in)	Tube Gauge	Part No.	Wt. (lbs)
4	3/4	12ga	LF046F	1-3/4
4	1	14ga	LF048H	1-3/4
6	3/4	12ga	LF066F	2
6	3/4	14ga	LF066H	2
6	1	12ga	LF068F	2-1/4
8	3/4	12ga	LF086F	2-1/4
8	3/4	14ga	LF086H	2-1/4

Jumbo Heat Exchanger Back Out Punches

Other lengths and tube sizes available
25 piece minimum order per size

Design Your Own Tool for Specific Applications

- Copy Drawing.
- Select Shank Style.
- Select Point Style.
- Insert dimensions required for the application.
- FAX copy of drawing for quotation.
- These are examples to assist you, if you have any other type of tool design requirements, please don't hesitate to contact us.

SHANK STYLE	POINT STYLE	
.401 Parker Taper Shank		Flat Chisel
.498 Parker Taper Shank		Moil Point
1/2 Qtr. Oct. Shank CPT		Wide Flat
1/2 Qtr. Oct. Shank IR		Round Nose
1/2 Qtr. Oct. Shank Master		Cape Chisel
1/2 Sq. Shank Cleco		Diamond Point
.680 Round Shank (Oval or Round Collar)		Gouge
.580 Hex Shank (Oval or Round Collar)		Offset Flat
Std. 4-Side Shank		Punch
Jumbo 4-Side Shank		Drift
		Offset Probe

Cleveland Steel Tool

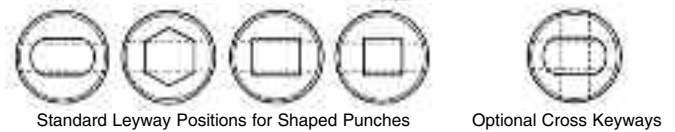
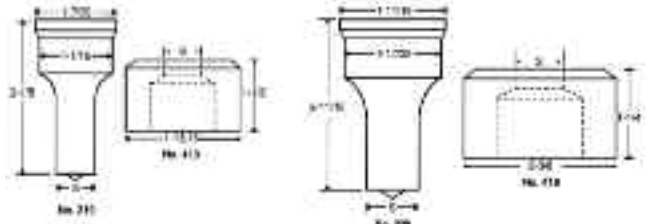
Metalworking Tooling Punches and Dies



TOOLING FOR:
Edwards, Hawthorn, Geka, Piranha, Spartan and Mubea Machines

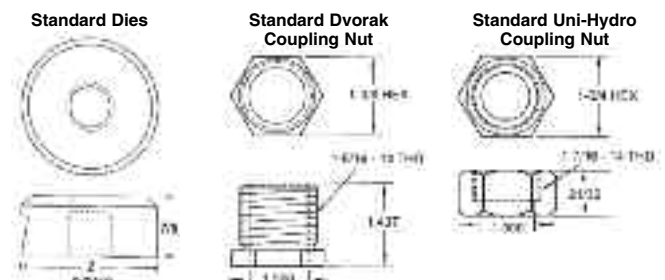
Standard Tooling

Oversized Tooling



TOOLING FOR:
Scotchman, Dvorak and Uni-Hydro

Round Punches Size	DVP/UHP	Round Dies Size	DVD/UHD	Oblong Punches Size	DVP/UHP	Oblong Dies Size	DVD/UHD
1/4	•	9/32	•	9/16 x 1	•	9/32 x 1-1/32	•
9/32	•	5/16	•	11/16 x 1	•	23/32 x 1-1/32	•
5/16	•	11/32	•	13/16 x 1	•	27/32 x 1-1/32	•
11/32	•	3/8	•				
3/8	•	13/32	•				
13/32	•	7/16	•				
7/16	•	15/32	•				
15/32	•	1/2	•				
1/2	•	17/32	•				
17/32	•	9/16	•				
9/16	•	19/32	•				
19/32	•	5/8	•				
5/8	•	21/32	•				
21/32	•	11/16	•				
11/16	•	23/32	•				
23/32	•	3/4	•				
3/4	•	25/32	•				
25/32	•	13/16	•				
13/16	•	27/32	•				
27/32	•	7/8	•				
7/8	•	29/32	•				
29/32	•	15/16	•				
15/16	•	31/32	•				
31/32	•	1	•				
1	•	1-1/32	•				



Note: Two snap ring grooves are furnished to enable the punch to be used on the Scotchman/Dvorak and Uni-Hydro machine. One snap ring is provided. For oversized tooling, call the sales department for price and availability.

Tool Accessories

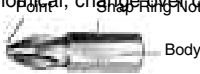
Primark Tool Group

Primark Tool Group

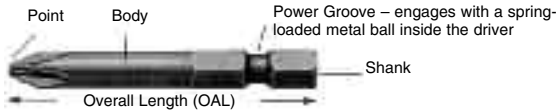
SCREWDRIVER BITS

Parts and Types of Screwdriver Bits

Insert Bits are compact bits that are economical, change-over quickly, and require less storage space and require a bit holder.



They are 1" OAL (overall length) with 1/4", 3/16", & 5/16" hex shanks.



Power Bits fit directly into the power tool for improved concentricity and easier clearance. They are 1-15/16" - 6" or longer OAL (overall length) with 1/4" and 5/16" hex shanks.



General Information:

- Nutsetters:** Popular for the pre-engineered building industry. For use with Hex Head Screws. 1/4" Hex Shank.
- Bit Holders:** To be used in conjunction with insert bits. "C" Ring retainer and magnetic. One or two piece construction.
- Extensions/Socket Adapters:** Adapts a handriver or drill into a socket wrench.

Finding the Right Phillips® Bit

Locate the size and type of screw you will be driving in the chart below. Then move to the far right column to find the right point size for the Phillips you need.

Wood Screw Size		Machine Screw Size		Sheet Metal Screw Size	Point Size
Flat Oval	Flat Oval Round	Round	Truss Brazier Button	Flat, Oval Round, Stove Binding	
0,1	0,1	0,1	0,1	0,1	0
2,3,4	2,3,4	2,3,4	2,3,4,5	2,3,4	1
5,6,7,8,9	5,6,7,8,9,10	5,6,8,10	6,8,10	5,6,7,8,10	2
10,12,14,16	12,14,16	12,1/4	12,1/4,5/16	12,1/4	3
18,20,24	18,20,24	5/16,3/8,7/16,1/2	3/8,7/16,1/2	5/16,3/8,7/16,1/2	4

Tri-Wing®, POZIDRIV®, Torq-Set®, Phillips Square Drive® and Phillips® is a registered trademark of the Phillips Screwdriver Company.
Quadrex® is a registered trademark of Isotech Consultants, Inc.
Torx® is a registered trademark of Camcar Division of Textron.

Phillips® Insert Bits

- Special bit design absorbs torque peaks reducing slippage and breakage.
- Reduced diameter tip and ribs reduce cam-out and drywall damage.
- Cold formed for optimum toughness and resistance to wear.
- Most widely used style.
- Many configurations and hardnesses.



Ribs: The interlocking ribs of the system provide higher torque. Components in the system are interchangeable with standard Phillips components

Drywall Bits - 1/4" Hex Shank

Part No. Bulk	App.	Hardness	Point Size	Overall Lgth. (in)	Std. Ship. Pack
24203	Drywall	Extra-Hard	P2, Rib	1	1
24206	Drywall	Extra-Hard	Sq. Rec. #2	1	1

Decking/Subflooring Bits - 1/4" Hex Shank

Part No. Bulk	App.	Hardness	Point Size	Overall Lgth. (in)	Std. Ship. Pack
24303	Decking/Subflooring	Extra-Hard	P2, Rib	1	1

1/4" Hex Shank

Pt. No. Med. Hard	Pt. No. Extra Hard	Pt. No. Ex. Hard	Pt. No. Iso-Temp™	Pt. No. Iso-Temp Ribs	Overall Length (in)	Point Size	Std. Ship. Pack
•	27019	•	45143	•	1	0	1
25020	27020	46004	45189	45912	1	1	1
25021	27021	46005	45190	45913	1	2	1
25022	27022	•	45191	45914	1	3	1
•	27023	•	35348	•	1-1/2	2	1
•	27024	•	35349	•	2	2	1
•	27025	•	35350	•	2-1/2	2	1
•	•	•	35360	•	2	0	1
•	•	•	35358	•	2	1	1
•	•	•	35359	•	2	3	1
•	•	•	35894	•	1-1/8	4	1
•	48428 milled	•	•	•	1	1	1
•	48429 milled	•	•	•	1	2	1
•	48430 milled	•	•	•	1	3	1

- Reduced Diameter - 1/4" Hex Shank

Pt. No. Med. Hard	Pt. No. Extra Hard	Pt. No. Ex. Hard	Pt. No. Iso-Temp™	Pt. No. Iso-Temp Ribs	Overall Length (in)	Point Size	Std. Ship. Pack
•	27018	•	•	•	1	OR	1
•	27035	•	35351	•	1	1R	1
25036	27036	45339	44963	45333	1	2R	1

- Reduced Diameter (.187) Extra Length - 1/4" Hex Shank

Part No. Ex. Hard	Overall Lgth. (in)	Point Size	Std. Ship. Pack
37513	2	1	1
37514	2	2	1
37515	3	2	1

5/16" Hex Shank

Part No. Ex. Hard	Part No. Iso-Temp™	Overall Lgth. (in)	Point Size	Std. Ship. Pack
27205	35352	1-1/4	1	1
27206	35353	1-1/4	2	1
27207	48280	1-1/4	3	1
27208	35354	1-1/4	4	1

Phillips Square Drive® - 1/4" Hex Shank

- Compatible with Quadrex screwheads.
- Ribbed tips.

Part No. Ex. Hard	Overall Lgth. (in)	Point Size	Std. Ship. Pack
35888	1	PSD2-2, Rib	1

Primark Tool Group

Phillips® Power Bits

- Cold formed for optimum toughness and resistance to wear.
- Most widely used style.
- Many configurations and hardnesses.



Ribs: The interlocking ribs of the anti-cam-out system provide higher torque. Components in the system are interchangeable with standard Phillips components

1/4" Hex Shank with Round Bodies

Pt. No. Med. Hard	Pt. No. Extra Hard	Pt. No. Iso-Temp™	Overall Lgth. (in)	Point Size	Body dia. (in)	Std. Ship. Pack
•	40938	•	1-15/16	0	3/16	1
•	27360	35301	1-15/16	1	3/16	1
25361	27361	49337	1-15/16	2	1/4	1
•	42675	•	1-15/16	2R	1/4	1
•	27362	35302	1-15/16	3	1/4	1
•	37879	•	1-15/16	3	5/16	1
•	27363	35303	2-3/4	1	3/16	1
25364	27364	49338	2-3/4	2	1/4	1
•	27365	35305	2-3/4	3	1/4	1
•	37881	•	2-3/4	3	5/16	1
•	28310	•	3	1	3/16	1
•	28311	48654	3	2	1/4	1
•	28312	•	3	3	1/4	1
•	27366	35306	3-1/2	1	3/16	1
•	27367	49339	3-1/2	2	1/4	1
•	27368	35308	3-1/2	3	1/4	1
•	37885	•	3-1/2	3	5/16	1
•	28313	35317	4	1	3/16	1
•	28314	41251	4	2	1/4	1
•	28315	•	4	3	1/4	1
•	45794	•	6	1	3/16	1
•	45625	41829	6	2	1/4	1
•	45626	•	6	3	1/4	1



1/4" Hex Shank Milled with 1/4" Round Bodies

Part No. Ex. Hard	Overall Lgth. (in)	Point Size	Body Dia. (in)	Std. Ship. Pack
44150	1-15/16	2	1/4	1
44153	2-3/4	2	1/4	1
44159	3-1/2	2	1/4	1

1/4" Full Hex Body

Part No. Ex. Hard	Part No. Iso-Temp™ Rib	Overall Length (in)	Point Size	Body Dia. (in)	Std. Shipping Pack
37659	45326	1-15/16	1	1/4	1
37661	45327	1-15/16	2	1/4	1
37663	45328	1-15/16	3	1/4	1
27369	45921	6	1	1/4	1
27370	45922	6	2	1/4	1
27371	35944	6	3	1/4	1
44165 milled	•	6	2	1/4	1

7/16" Hex Shank

Part No. Ex. Hard	Part No. Iso-Temp™	Overall Lgth. (in)	Point Size	Body Dia. (in)	Std. Ship. Pack
27600	35312	3-1/2	2	1/4	1
27601	35313	3-1/2	3	5/16	1
27602	35314	3-1/2	4	3/8	1



Slotted Insert Bits

- Cold formed for optimum toughness and resistance to wear.
- Common in telephone and other electrical devices.
- Proper sizing is important for efficiency.
- Many configurations and hardnesses.



Ribbed: The interlocking teeth of the ribbed system provide higher torque. Components in the system are interchangeable with standard Slotted components.

1/4" Hex Shank

Pt. No. Extra Hard	Pt. No. Iso-Temp™	Pt. No. Iso-Temp™ Ribbed	Overall Lgth. (in)	Point Size	Blade Thkns. (in)	Blade Width (in)	Std. Ship. Pack
41175	•	•	1	0-1	.024	.109	1
41176	•	•	1	1-2	.026	.125	1
41177	•	•	1	2-3	.028	.140	1
41178	•	•	1	3-4	.032	.156	1
39534	45397	•	1	4-5	.034	.187	1
39535	45161	45329	1	5-6	.036	.218	1
39536	45192	45330	1	6-8	.040	.250	1
39537	45193	45331	1	8-10	.042	.281	1
39538	45194	45332	1	10-12	.046	.281	1
39539	•	•	1	12-14	.050	.281	1
27000	•	•	1-1/2	4-5	.034	.187	1
27001	•	•	1-1/2	6-8	.040	.250	1
27002	•	•	1-1/2	8-10	.042	.281	1
27003	•	•	1-1/2	10-12	.046	.281	1
27004	•	•	1-1/2	12-14	.050	.281	1
27005	35361	•	1-1/2	14-16	.055	.359	1
•	35366	•	2	3-4	.032	.156	1
•	35364	•	2	5-6	.036	.218	1
•	35363	•	2	8-10	.042	.281	1
•	35362	•	2	10-12	.046	.281	1
•	35365	•	2	12-14	.050	.281	1



5/16" Hex Shank

Part No. Ex. Hard	Overall Lgth. (in)	Point Size	Blade Thkns (in)	Blade Width (in)	Std. Ship. Pack
27190	1-1/2	4-5	.034	.187	1
27191	1-1/2	6-8	.040	.250	1
27192	1-1/2	8-10	.042	.281	1
27193	1-1/2	10-12	.046	.281	1
27194	1-1/2	12-14	.050	.312	1
27195	1-1/2	14-16	.055	.359	1
27196	1-3/4	16-18	.064	.500	1

Slotted Power Bits

- Cold formed for optimum toughness and resistance to wear.
- Common in telephone and other electrical devices.
- Proper sizing is important for efficiency.
- Many configurations and hardnesses.



1/4" Hex Shank with round bodies

Part No. Ex. Hard	Part No. Iso-Temp™	Overall Lgth. (in)	Point Size	Blade Thkns. (in)	Blade Dia. (in)	Std. Ship. Pack
27460	•	1-15/16	1-2	.026	.122	1
27461	•	1-15/16	2-3	.028	.134	1
27462	35319	1-15/16	3-4	.032	.154	1
27463	35320	1-15/16	4-5	.034	.187	1
27464	35321	1-15/16	5-6	.036	.215	1
27465	35322	1-15/16	6-7	.038	.250	1
27466	35323	1-15/16	8-10	.042	.275	1
27467	35324	1-15/16	10-12	.046	.312	1
27468	35325	1-15/16	12-14	.050	.360	1
27469	•	2-3/4	1-2	.026	.122	1
27470	•	2-3/4	2-3	.028	.134	1
27471	•	2-3/4	3-4	.032	.154	1
27472	•	2-3/4	4-5	.034	.187	1
27473	•	2-3/4	5-6	.036	.215	1
27474	•	2-3/4	6-7	.038	.250	1
27475	•	2-3/4	8-10	.042	.275	1
27476	•	2-3/4	10-12	.046	.312	1
27477	•	2-3/4	12-14	.050	.360	1
28290	•	3	1-2	.026	.122	1
28291	•	3	2-3	.028	.134	1
28292	•	3	3-4	.032	.154	1
28293	•	3	4-5	.034	.187	1
28294	•	3	5-6	.036	.215	1
28295	•	3	6-7	.038	.250	1



continues

Tool Accessories

Primark Tool Group

Slotted Power Bits
1/4" Hex Shank with round bodies (continued)

Part No. Ex. Hard	Part No. Iso-Temp™	Overall Lgth. (in)	Point Size	Blade Thkns. (in)	Blade Dia. (in)	Std. Ship. Pack
28296	•	3	8-10	.042	.275	1
28297	•	3	10-12	.046	.312	1
28298	•	3	12-14	.050	.360	1
27478	•	3-1/2	1-2	.026	.122	1
27479	•	3-1/2	2-3	.028	.134	1
27480	•	3-1/2	3-4	.032	.154	1
27481	•	3-1/2	4-5	.034	.187	1
27482	•	3-1/2	5-6	.036	.215	1
27483	•	3-1/2	6-7	.038	.250	1
27484	•	3-1/2	8-10	.042	.275	1
27485	•	3-1/2	10-12	.046	.312	1
27486	•	3-1/2	12-14	.050	.360	1
28300	•	4	1-2	.026	.122	1
28301	•	4	2-3	.028	.134	1
28302	•	4	3-4	.032	.154	1
28303	•	4	4-5	.034	.187	1
28304	•	4	5-6	.036	.215	1
28305	•	4	6-7	.038	.250	1
28306	•	4	8-10	.042	.275	1
28307	•	4	10-12	.046	.312	1
28308	•	4	12-14	.050	.360	1
27496	•	6	1-2	.020	.122	1
27497	•	6	2-3	.028	.134	1
27498	•	6	3-4	.032	.154	1
27499	•	6	4-5	.034	.187	1
27500	•	6	5-6	.036	.215	1
27501	•	6	6-7	.038	.250	1
27502	•	6	8-10	.042	.275	1
27503	•	6	10-12	.046	.312	1
27504	•	6	12-14	.050	.360	1

TORX® Insert Bits

- Positive torque control with no cam-outs.
- Maximum drive surface and longer drive life.
- Hot formed for optimum toughness and resistance to wear.
- Fastest growing style.
- Many configurations and hardnesses.
- Milled & chamfered

1/4" Hex Shank

Part No. Ex. Hard	Part No. Iso-Temp™	Overall Lgth. (in)	Point Size	Std. Ship. Pack
41211	35379	1	T6	1
37151	35367	1	T7	1
37153	39879	1	T8	1
37155	35013	1	T9	1
37157	45147	1	T10	1
37159	45148	1	T15	1
37161	45149	1	T20	1
37163	45150	1	T25	1
37165	45468	1	T27	1
37167	45151	1	T30	1
37169	45152	1	T40	1



5/16" Hex Shank

Part No. Ex. Hard	Part No. Iso-Temp™	Overall Lgth. (in)	Point Size	Std. Ship. Pack
37171	42763	1-1/4	T30	1
37173	42898	1-1/4	T40	1
37175	35375	1-1/4	T45	1
37890	35383	1-1/4	T47	1
37177	35376	1-1/4	T50	1
38333	35377	1-1/4	T55	1

TORX® Power Bits

- Positive torque control with no cam-outs.
- Maximum drive surface and longer drive life.
- Hot formed for optimum toughness and resistance to wear.
- Fastest growing style.
- Many configurations and hardnesses.

1/4" Hex Shank

Part No. Ex. Hard	Part No. Iso-Temp™	Overall Lgth. (in)	Point Size	Body Dia. (in)	Std. Ship. Pack
41751	•	1-15/16	T6	.125	1
39931	•	1-15/16	T7	.125	1
37713	35391	1-15/16	T8	.125	1
39933	35326	1-15/16	T9	.125	1
37715	45573	1-15/16	T10	.125	1
37717	45574	1-15/16	T15	.156	1
37719	45575	1-15/16	T20	.187	1
37721	45576	1-15/16	T25	.187	1
37723	42312	1-15/16	T27	.250	1
37725	45578	1-15/16	T30	.250	1
37727	•	1-15/16	T40	.296	1
37729	•	2-3/4	T8	.125	1
39937	•	2-3/4	T9	.125	1
37731	•	2-3/4	T10	.125	1
37733	•	2-3/4	T15	.156	1
37735	•	2-3/4	T20	.187	1
37737	•	2-3/4	T25	.187	1
37739	•	2-3/4	T27	.250	1
37741	•	2-3/4	T30	.250	1
37743	•	2-3/4	T40	.296	1
37745	•	3-1/2	T8	.125	1
39941	•	3-1/2	T9	.125	1
37747	•	3-1/2	T10	.125	1
37749	•	3-1/2	T15	.156	1
37751	•	3-1/2	T20	.187	1
37753	•	3-1/2	T25	.187	1
37755	•	3-1/2	T27	.250	1
37757	•	3-1/2	T30	.250	1
37759	•	3-1/2	T40	.296	1
37761	•	6	T8	.125	1
37763	•	6	T10	.125	1
37765	•	6	T15	.156	1
37767	•	6	T20	.187	1
37769	•	6	T25	.187	1
37771	•	6	T27	.250	1
37773	•	6	T30	.250	1
37775	•	6	T40	.296	1



TORX® Tamper Resistant Insert Bits

- Tip drilled to fit TORX® tamper resistant screws.

1/4" Hex Shank

Part No. Ex. Hard	Part No. Iso-Temp™	Overall Lgth. (in)	Point Size	Std. Ship. Pack
38911	35378	1	T7H	1
38338	35014	1	T8H	1
38340	35015	1	T9H	1
38342	45391	1	T10H	1
38344	45392	1	T15H	1
38346	45393	1	T20H	1
38348	45394	1	T25H	1
38350	45395	1	T27H	1
38352	45396	1	T30H	1
38354	35016	1	T40H	1



5/16" Hex Shank

Part No. Iso-Temp™	Overall Lgth. (in)	Point Size	Std. Ship. Pack
35691	1-1/4	T40H	1
35380	1-1/4	T45H	1
35381	1-1/4	T50H	1
35382	1-1/4	T55H	1

Primark Tool Group

TORX® Female Square Drive

- For ratchet wrenches.
- One-piece construction.
- Internal ball lock groove.
- Automotive mechanic's choice.



1/4", 3/8" & 1/2" Square Drive

Part No. Iso-Temp™	Point Size	Square Drive	Std. Ship. Pack
38850	T9	1/4	1
38689	T10	1/4	1
38690	T15	1/4	1
38691	T20	1/4	1
38692	T25	1/4	1
38693	T27	1/4	1
38694	T30	1/4	1
38695	T40	3/8	1
38696	T45	3/8	1
40651	T47	3/8	1
38697	T50	3/8	1
38860	T55	3/8	1
44217	T60	1/2	1
38699	9-piece carded set includes: 1/4" sq. dr. : T10; T15; T20; T25; T27; T30. 3/8" sq. dr. : T40; T45; T50.		



TORXALIGN® Insert Bits (wedge)

- Bits wedge into the screw.
- Fits same screws as standard TORX® bits.



1/4" Hex Shank

Part No. Ex. Hard	Overall Lgth. (in)	Point Size	Std. Ship. Pack
38763	1	T6W	1
38765	1	T7W	1
38767	1	T8W	1
38769	1	T9W	1
38771	1	T10W	1
38365	1	T15W	1
38367	1	T20W	1
38369	1	T25W	1
38371	1	T27W	1
38373	1	T30W	1



TORXALIGN® Power Bits (wedge)

- Bits wedge into the screw.
- Fits same screws as standard TORX® bits.



1/4" Hex Shank

Part No. Extra Hard	Overall Lgth. (in)	Point Size	Body Dia. (in)	Std. Ship. Pack
38728	1-15/16	T6W	.187	1
38730	1-15/16	T7W	.187	1
38732	1-15/16	T8W	.187	1
38734	1-15/16	T9W	.187	1
38736	1-15/16	T10W	.187	1
38375	1-15/16	T15W	.187	1
38377	1-15/16	T20W	.240	1
38379	1-15/16	T25W	.240	1
38381	1-15/16	T27W	.240	1
38383	1-15/16	T30W	.240	1



POZIDRIV® Insert Bits

- Cold formed for optimum toughness and resistance to wear.
- Reduces cam-out.
- Popular in automotive and other applications.



1/4" Hex Shank

Part No. Ex. Hard	Part No. Iso-Temp™	Overall Lgth (in)	Point Size	Std. Ship. Pack
27045	45153	1	1PZD	1
27046	45154	1	2PZD	1
27047	45939	1	3PZD	1
27048	•	1-1/2	2PZD	1
27049	•	2	2PZD	1



- continues -

POZIDRIV® Insert Bits (continued)

- Reduced Diameter - 1/4" Hex Shank

Part No. Ex. Hard	Overall Lgth (in)	Point Size	Std. Ship. Pack
27060	1	1PZDR	1
27061	1	2PZDR	1

5/16" Hex Shank

Part No. Ex. Hard	Overall Lgth. (in)	Point Size	Std. Ship. Pack
•	1-1/4	1PZD	1
27221	1-1/4	2PZD	1
27222	1-1/4	3PZD	1
27223	1-1/4	4PZD	1

POZIDRIV® Power Bits

- Cold formed for optimum toughness and resistance to wear.
- Reduces cam-out.
- Popular in automotive and other applications.



1/4" Hex Shank

Part No. Ex. Hard	Part No. Iso-Temp™	Overall Lgth (in)	Point Size	Body Dia. (in)	Std. Ship. Pack
27380	45940	1-15/16	1PZD	3/16	1
27381	45941	1-15/16	2PZD	1/4	1
27382	45942	1-15/16	3PZD	1/4	1
27383	•	2-3/4	1PZD	3/16	1
27384	•	2-3/4	2PZD	1/4	1
27385	•	2-3/4	3PZD	1/4	1
28316	•	3	1PZD	3/16	1
28317	•	3	2PZD	1/4	1
28318	•	3	3PZD	1/4	1
27386	•	3-1/2	1PZD	3/16	1
27387	•	3-1/2	2PZD	1/4	1
27388	•	3-1/2	3PZD	1/4	1
27389	•	6	1PZD	3/16	1
27390	•	6	2PZD	1/4	1
27391	•	6	3PZD	1/4	1



Socket Head Insert Bits (Allen® type bits)

- Machined for optimum toughness and resistance to wear.
- Also called "Hex" style.
- Popular in machine tools.



1/4" Hex Shank

Part No. Ex. Hard	Part No. Iso-Temp™	Overall Lgth (in)	Point Size (mm)	Std. Ship. Pack
27094	•	1	.050	1
27095	35387	1	1/16	1
27096	45164	1	5/64	1
27097	45165	1	3/32	1
37475	45166	1	7/64	1
27098	45167	1	1/8	1
37476	45168	1	9/64	1
27099	48781	1	5/32	1
27100	35091	1	3/16	1
27101	35092	1	7/32	1
27102	48783	1	1/4	1
27103	35388	1	5/16	1
27104	35389	1	3/8	1



For Metric Socket Head Screws 1/4" Hex Shank

Part No. Ex. Hard	Overall Lgth (in)	Point Size (mm)	Std. Ship. Pack
36538	1	2	1
39545	1	2.5	1
36539	1	3	1
36540	1	4	1
36541	1	5	1
36542	1	6	1
43939	1	7	1
36543	1	8	1

5/16" Hex Shank

Part No. Ex. Hard	Overall Lgth (in)	Point Size (in)	Std. Ship. Pack
27265	1-1/8	5/32	1
27266	1-1/8	3/16	1
37560	1-1/8	7/32	1
37561	1-1/8	1/4	1
37562	1-1/8	5/16	1
27270	1-1/4	3/8	1

- continues -

Tool Accessories

Primark Tool Group

Socket Head Insert Bits Allen®/Hex Style (continued)

For Metric Socket Head Screws 5/16" Hex Shank

Part No. Ex. Hard	Overall Lgth (in)	Point Size (mm)	Std. Ship. Pack
36544	1-1/8	3	1
36545	1-1/8	4	1
36546	1-1/8	5	1
36547	1-1/8	6	1
44997	1-5/16	7	1
36548	1-1/8	8	1
36549	1-1/8	10	1
36550	1-5/16	12	1
36551	1-5/16	14	1

Socket Head Power Bits

- Machined for optimum toughness and resistance to wear.
- Also called "Hex" style.
- Popular in machine tools.

1/4" Hex Shank

Part No. Ex. Hard	Part No. Iso-Temp™	Overall Lgth (in)	Point Size	Std. Ship. Pack
27420	35327	1-15/16	1/16	1
27421	35328	1-15/16	5/64	1
27422	35329	1-15/16	3/32	1
37563	35342	1-15/16	7/64	1
27423	35330	1-15/16	1/8	1
37565	35343	1-15/16	9/64	1
27424	35331	1-15/16	5/32	1
27425	35332	1-15/16	3/16	1
27426	35333	1-15/16	7/32	1
27427	35334	1-15/16	1/4	1



Socket Head/
Allen® Head



For Metric Socket Head Screws 1/4" Hex Shank

Part No. Ex. Hard	Overall Lgth (in)	Point Size	Std. Ship. Pack
39869	1-15/16	2.5	1
39870	1-15/16	3	1
39871	1-15/16	4	1
39872	1-15/16	5	1
39873	1-15/16	6	1

7/16" Hex Shank

Part No. Ex. Hard	Part No. Iso-Temp™	Overall Lgth (in)	Point Size (in)	Pack
27645	35335	3-1/2	1/8	1
37567	35344	3-1/2	9/64	1
27646	35336	3-1/2	5/32	1
27647	35337	3-1/2	3/16	1
27648	35338	3-1/2	7/32	1
27649	35339	3-1/2	1/4	1
27650	45924	3-1/2	5/16	1
27651	35340	3-1/2	3/8	1
27652	35341	3-1/2	1/2	1

Socket Head Tamper Resistant Bits

- Machined for optimum toughness and resistance to wear.
- Also called "Hex" style.
- Popular in machine tools.
- For Allen® screws with pin.

1/4" Hex Shank

Part No. Iso-Temp™	Overall Lgth (in)	Point Size (in)	Std. Ship. Pack
35789	1	5/64	1
35790	1	3/32	1
35791	1	7/64	1
35693	1	1/8	1
35694	1	9/64	1
35695	1	5/32	1
35696	1	3/16	1
35697	1	7/32	1
35698	1	1/4	1
35699	1	5/16	1
35701	1	3/8	1



Socket Head
w/Pin



Square Recess/Robertson Insert Bits

1/4" Hex Shank

- Cold formed for optimum toughness and resistance to wear.
- CRYO-Temp™ manufacturing process provides maximum strength and durability.
- Popular in mobile homes, recreation vehicles and some furniture.

Part No. Ex. Hard	Part No. Iso-Temp™	Overall Lgth (in)	Point Size	Size (in)	Std. Ship. Pack
38509	45155	1	0	1/16	1
29049	45195	1	1	3/32	1
29050	45196	1	2	1/8	1
29051	45197	1	3	9/64	1



Square Recess
Robertson®



Decking/Subflooring Bits - 1/4" Hex Shank

- CRYO-Temp™ manufacturing process provides maximum strength and durability.

Part No. Ex. Hard	Overall Lgth (in)	Point Size	Size (in)	Std. Ship. Pack
24306	1	2	1/8	1

Square Recess/Robertson Power Bits

1/4" Hex Shank

- Cold formed for optimum toughness and resistance to wear.
- Popular in mobile homes, recreation vehicles and some furniture.

Part No. Ex. Hard	Part No. Iso-Temp™	Overall Lgth (in)	Point Size	Nominal Size (in)	Std. Ship. Pack
29052	45184	1-15/16	1	3/32	1
29053	45185	1-15/16	2	1/8	1
29054	45186	1-15/16	3	9/64	1
29055	•	2-3/4	1	3/32	1
29056	•	2-3/4	2	1/8	1
29057	•	2-3/4	3	9/64	1
29058	•	3	1	3/32	1
29059	•	3	2	1/8	1
29060	•	3	3	9/64	1
39945	•	3-1/2	1	3/32	1
39947	•	3-1/2	2	1/8	1
44136	•	4	1	3/32	1
39953	•	4	2	1/8	1
44138	•	4	3	9/64	1
39957	•	6	1	3/32	1
39959	•	6	2	1/8	1
39961	•	6	3	9/64	1



Decking/Subflooring Bits - 1/4" Hex Shank

- CRYO-Temp™ manufacturing process provides maximum strength and durability.

Part No. Ex. Hard	Overall Lgth (in)	Point Size	Size (in)	Std. Ship. Pack
24314	1-15/16	2	1/8	1

Spanner Insert Bits

- Milled for optimum toughness and resistance to wear.
- Security fastener system.
- Insert style only.
- Iso-Temp™ only.

1/4" Hex Shank

Part No. Iso-Temp™	A Inside ± 0.004	B Outside ± 0.004	Overall Lgth (in)	Point Size	Std. Ship. Pack
35422	.100	.170	1	6	1
35423	.112	.207	1	8	1
35424	.142	.245	1	10	1



Spanner



5/16" Hex Shank

Part No. Iso-Temp™	A Inside ± 0.004	B Outside ± 0.004	Overall Lgth (in)	Point Size	Std. Ship. Pack
35417	.072	.127	1-1/2	4	1
35418	.100	.170	1-1/2	6	1
35416	.112	.207	1-1/2	8	1
35419	.142	.245	1-1/2	10	1
35420	.160	.278	1-1/2	12	1
35421	.187	.307	1-1/2	14	1

Primark Tool Group

TORQ-SET® Insert Bits

- Milled for optimum toughness and resistance to wear.
- Iso-Temp™ only.
- Popular in the aviation industry.
- * Most popular sizes.

1/4" Hex Shank

Part No. Iso-Temp™	Ref. I.D. on Bit	Overall Lgth (in)	Point Size	Std. Ship. Pack
35395	TS0-0	1	0	1
35396	TS0-1	1	1	1
35397	TS0-2	1	2	1
35398	TS0-3	1	3	1
35399	TS0-4	1	4	1
35394	TS0-5	1	5	1
35401	TS0-6	1	6	1
35402	TS0-8	1	8	1
35403	TS0-10	1	10	1



5/16" Hex Shank

Part No. Iso-Temp™	Ref. I.D. on Bit	Overall Lgth (in)	Point Size	Std. Ship. Pack
35404	TS6-8	1-1/4	8	1
35405	TS6-10	1-1/4	10	1
35406	TS6-1/4	1-1/4	1/4	1
35407	TS6-5/16	1-1/4	5/16	1
35408	TS6-3/8	1-1/4	3/8	1

TORQ-SET® Power Bits

- Milled for optimum toughness and resistance to wear.
- Iso-Temp™ only.
- Popular in the aviation industry.
- Most popular sizes.

1/4" Hex Shank

Part No. Iso-Temp™	Ref. I.D. on Bit	Overall Lgth (in)	Point Size	Std. Ship. Pack
35425	TS1-0	1-1/4	0	1
35426	TS1-1	1-1/4	1	1
35427	TS1-2	1-1/4	2	1
35428	TS1-3	1-1/4	3	1
35429	TS1-4	1-1/4	4	1
35430	TS1-5	1-1/4	5	1
35431	TS1-6	1-1/4	6	1
35432	TS1-8	1-1/4	8	1
35433	TS1-10	1-1/4	10	1



7/16" Hex Shank

Part No. Iso-Temp™	Ref. I.D. on Bit	Overall Lgth (in)	Point Size	Std. Ship. Pack
35434	TS3-1/4	1-1/4	1/4	1
35435	TS3-5/16	1-1/4	5/16	1
35436	TS3-3/8	1-1/4	3/8	1
35437	TS3-7/16	1-1/4	7/16	1

TRI-WING® Insert Bits

- Hot formed for optimum toughness and resistance to wear.
- Iso-Temp™ only.
- Popular in the aviation industry.
- Most popular sizes.

1/4" Hex Shank

Part No. Iso-Temp™	Overall Lgth (in)	Point Size	Std. Ship. Pack
35409	1	0	1
35410	1	1	1
35411	1	2	1
35412	1	3	1
35413	1	4	1
35414	1	5	1
35415	1	6	1



TRI-WING® Power Bits

- Hot formed for optimum toughness and resistance to wear.
- Iso-Temp™ only.
- Popular in the aviation industry.
- Most popular sizes.

1/4" Hex Shank

Part No. Iso-Temp™	Overall Lgth (in)	Point Size	Std. Ship. Pack
35438	1-1/4	0	1
35439	1-1/4	1	1
35440	1-1/4	2	1
35441	1-1/4	3	1
35442	1-1/4	4	1
35443	1-1/4	5	1



Clutch Insert Bits

- Milled for optimum toughness and resistance to wear.
- Sometimes referred to as the "butterfly" shape.
- Found in some trailer trucks and mobile homes.

1/4" Hex Shank - Type "A"

Part No. Ex. Hard	Ref. I.D. on Bit	Overall Lgth (in)	Clutch Size(in)	Std. ship. Pack
37067	A1	1	3/32	1
37069	A2	1	1/8	1
37071	A3	1	5/32	1
37073	A4	1	3/16	1
37075	A5	1	1/4	1



Clutch - Type A



Clutch - Type G



1/4" Hex Shank - Type "G"

Part No. Ex. Hard	Ref. I.D. on Bit	Overall Lgth (in)	Clutch Size(in)	Std. ship. Pack
27080	C1	1	3/32	1
27081	C2	1	1/8	1
27082	C3	1	5/32	1
27083	C4	1	3/16	1
27084	C5	1	1/4	1

Clutch Power Bits

- Milled for optimum toughness and resistance to wear.
- Sometimes referred to as the "butterfly" shape.
- Found in some trailer trucks and mobile homes.

1/4" Hex Shank - Type "G"

Part No. Ex. Hard	Ref. I.D. on Bit	Overall Lgth (in)	Clutch Size(in)	Std. ship. Pack
27436	C2	1-15/16	1/8	1
27437	C3	1-15/16	5/32	1
27438	C4	1-15/16	3/16	1
27443	C3	2-3/4	5/32	1



Clutch - Type G

Frearson Insert Bits

- Cold formed for optimum toughness and resistance to wear.
- Insert style only.
- Size 1 for No. 5 and smaller screws.
- Size 2 for No. 6 and larger.
- Found in some golf clubs.

1/4" Hex Shank

Part No. Ex. Hard	Overall Lgth (in)	Clutch Size(in)	Std. ship. Pack
27070	1-1/8	1	1
37382	1-1/8	2	1



Frearson



Tool Accessories

Primark Tool Group

Bit Holders for Hex Insert

Heavy Use Applications (i.e. high torque assembly) – 1/4" Hex Tool Steel Shank

- C-ring retainer (38304).
- Various body diameters.
- Stainless steel body.

Part No. Magnetic	Overall Lgth (in)	Body Dia. (in)	Nose Dia. (in)	Insert Bit Size (in)	Std. Ship. Pack
40941	2-1/8	7/16	7/16	1/4	1
27690	2-7/8	3/8	3/8	1/4	1
40942	2-31/32(turned)	3/8	7/16	1/4	1
27710	4	3/8	3/8	1/4	1
27730	5	3/8	3/8	1/4	1
27750	6	3/8	3/8	1/4	1
27792	11	3/8	3/8	1/4	1
40943	2-31/32	7/16	7/16	1/4	1



Screw Cap Style - 1/4" Hex Tool Steel Shank

- Screw cap retainer (32664) with O-ring (34403).
- Stainless steel body.

Part No. Non-Magnetic	Part No. Magnetic	Overall Lgth (in)	Body Dia. (in)	Nose Dia. (in)	Insert Bit Size (in)	Std. Ship. Pack
•	26791	2-3/8	3/8	7/16	1/4	1
31889	•	2-7/16	3/8	7/16	1/4	1
•	26790	2-7/8	3/8	7/16	1/4	1
31890	27675	4	3/8	7/16	1/4	1
•	27695	5	3/8	7/16	1/4	1
31891	27715	6	3/8	7/16	1/4	1
•	27775	11	3/8	7/16	1/4	1

Nutsetters Insert

- Precision formed for consistent dimensions.
- Popular in the pre-engineered building industry.
- Manufactured from shock-resistant tool steel utilizing SPC quality control to ensure maximum life.
- Engineered for the toughest industrial applications.
- Available in fractional and metric.
- For use with Hex Head screws.

Part No. Magnetic	Part No. Non-Magnetic	Hex Nut Size (in)	Overall Lgth (in)	Socket Body	Std. Ship. Pack
38686	38386	1/4	1-1/4	7/16	1
38687	38387	5/16	1-1/4	1/2	1
38688	38388	3/8	1-5/16	9/16	1
Metric sizes		(mm)			
41048		7mm	1-1/8	7/16	1
41049		8mm	1-1/8	1/2	1
41050		10mm	1-1/8	9/16	1



Nutsetters Power

- 1/4" hex shank.
- Precision formed for consistent dimensions.
- Popular in the pre-engineered building industry.
- Manufactured from the best materials available utilizing SPC quality control to ensure maximum life.
- Engineered for the toughest industrial applications.
- Available in fractional and metric.
- For use with Hex Head screws.



Part No. Magnetic	Part No. Non-Magnetic	Hex Opening Size (in)	Overall Lgth (in)	Socket Body Dia. (in)	Std. Ship. Pack
31450	29090	1/4	1-5/8	7/16	1
31452	29091	5/16	1-5/8	1/2	1
36165	36166	3/8	1-7/8	9/16	1
37893	•	7/16	2	9/16	1
37427	•	1/4	2	7/16 (tapered)	1
42664	•	1/4	2-1/8	7/16	1
42665	•	5/16	2-1/8	1/2	1
42666	•	3/8	2-1/8	9/16	1
42667	•	7/16	2-1/8	9/16	1
37582	37585	1/4	2-9/16	7/16	1
37583	37586	5/16	2-9/16	1/2	1
37584	37587	3/8	2-9/16	9/16	1
38639	•	7/16	2-9/16	9/16	1

