

### Competitor Cross Reference: Arbors & Accessories

Raptor#	Disston	Starrett	MK Morse	Milwaukee	Lenox	Shank Size	Thread Size	Hole Size Range	Features
S-0	5514		M24K	49-56-6950	4L (1779803)	1/4" Round Shank	1/2"x20	9/16" - 1-3/16"	
S-1			M44		1L (1779774)	7/16" Hex Shank	1/2"x20	9/16" - 1-3/16"	Through Pilot Hole
S-2	5545	A2	M45P	49-56-7055		7/16" Hex Shank	5/8"x18	1-1/4" - 6"	Through Pilot Hole, Quick Change Pins
S-2-L				49-56-7140	2L (1779801)	7/16" Hex Shank	5/8"x18	1-1/4" - 6"	Through Pilot Hole, Quick Snap with Pins
S-2-S			M46PS	49-56-9100	3L (1779802)	7/16" Hex Shank	5/8"x18	1-1/4" - 6"	Solid Shank w Dimple Quick Change Pins
S-4			M45			7/16" Hex Shank	5/8"x18	1-1/4" - 6"	No Pins, Through Pilot Hole
S-5	5546	A1	M35PS	49-56-7000	5L (1779804)	3/8" Hex Shank	5/8"x18	1-1/4" - 6"	Solid Shank w Dimple Quick Change Pins
S-5-Q		A10		49-56-7250	6L (1779805)	3/8" Hex Shank	5/8"x18	1-1/4" - 6"	Solid Shank w Dimple Quick Snap with Pins
S-5B	5519		M34	49-56-7010		3/8" Hex Shank	1/2"x20	9/16" - 1-3/16"	Solid Shank w Dimple
S-495				48-28-4001	3084655X	6" x 7/16" Extension			For all 7/16" Arbors
S-500	5500		ME12	48-28-4006	3084712X	12" x 7/16" Extension			For all 7/16" Arbors
S-1000				48-28-1040		12" x 7/16" Extension			Quick Change end
S-603	5511		M44N01		30857AA1	Adaptor Nut & Washer			Converts 1/2"-20 to 5/8"-18
SPL-1	8535		MPD4N01	49-56-8000	1779771	Pilot Drill for Steel 1/4" x 4 1/4"			For Through Hole Arbors
SPS-1	8534		MPD4S01	49-56-8010	1779810	Pilot Drill for Steel 1/4" x 3 1/4"			For Solid Shank Arbors
SPM-1			MPD4SCT01	49-56-8005	3029865CTPD	Pilot Drill for Masonry 1/4" x 4 1/4"			For all Arbors
SPW-1						Pilot Drill for Wood 1/4" x 4 1/4"			For All Arbors

Hole Saws

## Pipe Diameter – Entrance Holes

### PVC & Black Iron Pipe

Nominal Pipe Diameter	Actual Pipe Diameter	Actual Pipe Diameter (inches)	Diameter +1/8" Entrance Hole	Diameter +1/4" Entrance Hole
1/8"	0.405	13/32"	7/16"	1/2"
1/4"	0.54	35/64"	11/16"	13/16"
3/8"	0.675	43/64"	13/16"	15/16"
1/2"	0.84	27/32"	1"	1-1/8"
3/4"	1.05	1-1/16"	1-3/16"	1-1/4"
1"	1.315	1-5/16"	1-7/16"	1-9/16"
1-1/4"	1.66	1-11/16"	1-13/16"	1-7/8"
1-1/2"	1.9	1-15/16"	2-1/16"	2-1/4"
2"	2.375	2-3/8"	2-1/2"	2-5/8"
2-1/2"	2.875	2-7/8"	3"	3-1/8"
3"	3.5	3-1/2"	3-5/8"	3-3/4"
3-1/2"	4	4"	4-1/8"	4-1/4"
4"	4.5	4-1/2"	4-5/8"	4-3/4"
5"	5.563	5-9/16"	5-11/16"	5-3/4"
6"	6.625	6-5/8"	6-3/4"	6-7/8"
Sheet Metal				
3"	3"	3"	3-1/8"	3-1/4"
4"	4"	4"	4-1/8"	4-1/4"
5"	5"	5"	5-1/8"	5-1/4"
6"	6"	6"	6-1/8"	6-1/4"

### Copper Pipe

Nominal Pipe Diameter	Actual Pipe Diameter	Actual Pipe Diameter (inches)	Diameter +1/8" Entrance Hole	Diameter +1/4" Entrance Hole
1/4"	0.375	3/8"	1/2"	5/8"
3/8"	0.5	1/2"	5/8"	3/4"
1/2"	0.625	5/8"	3/4"	7/8"
5/8"	0.75	3/4"	7/8"	1"
3/4"	0.875	7/8"	1"	1-1/8"
1"	1.125	1-1/8"	1-1/4"	1-3/8"
1-1/4"	1.375	1-3/8"	1-1/2"	1-5/8"
1-1/2"	1.625	1-5/8"	1-3/4"	1-7/8"
2"	2.125	2-1/8"	2-1/4"	2-3/8"
2-1/2"	2.625	2-5/8"	2-3/4"	2-7/8"
3"	3.125	3-1/8"	3-1/4"	3-3/8"
3-1/2"	3.625	3-5/8"	3-3/4"	3-7/8"
4"	4.125	4-1/8"	4-1/4"	4-3/8"
5"	4.125	5-1/8"	5-1/4"	5-3/8"
6"	6.125	6-1/8"	6-1/4"	6-3/8"

### Conduit EMT (Electrical Metal Tubing)

Nominal Pipe Diameter	Actual Pipe Diameter	Entrance Hole
1/2"	0.706	3/4"
3/4"	0.922	1"
1"	1.163	1-1/4"
1-1/4"	1.51	1-5/8"
1-1/2"	1.74	1-7/8"
2"	2.197	2-1/8"
2-1/2"	2.875	2-7/8"
3"	3.5	3-1/2"
3-1/2"	4	4"
4"	4.5	4-1/2"

### Pipe Taps Hole Size

Tap Size	Hole Size for Tapered	
	NPT Tap	Hole Size for Straight Thread Tap
1/8" x 27	Letter R	Letter S
1/4" x 18	7/16"	29/64"
3/8" x 18	37/64" (9/16")	19/32"
1/2" x 14	23/32" (3/4")	47/64"
3/4" x 14	59/64" (7/8")	15/16"
1" x 11-1/2	1-5/32" (1-1/8")	1-3/16"
1-1/4" x 11-1/2	1-1/2"	1-33/64"
1-1/2" x 11-1/2	1-47/64" (1-3/4")	1-3/4"
2" x 11-1/2	2-7/32" (2-1/4")	2-7/32" (2-1/2")