

SPECIFICATIONS

NOMINAL TAP CAPACITIES							LEAD SCREW and NUT ASSEMBLY	AIR CONSP.+ @ Working Speed ft ³ /cycle (L/cycle)		STD. CHUCK CAPACITY in. (mm)
Steel SAE 1213	3/8" to 1/2" (M10 to M12)	1/4 to 7/16 (M6 to M10)	No. 8 to 1/4 (M4 to M6)	No. 2 to No. 10 (M2 to M5)	No. 2 to No. 8 (M2 to M4)					
Aluminum 2024-T4	7/16 to 5/8 (M10 to M16)	5/16 to 1/2 (M8 to M12)	1/4 to 5/16 (M6 to M8)	No. 2 to 5/16 (M2 to M8)	No. 2 to No. 10 (M2 to M5)					
MODELS										
Free Speed	175 rpm	325 rpm	600 rpm	1,300 rpm	2,400 rpm					
11	8655-B11-A	8656-B11-A	8657-B11-A	—	—	45453-11				
12	8655-B12-A	8656-B12-A	8657-B12-A	—	—	45453-12				
13	8655-B13-A	8656-B13-A	8657-B13-A	8658-B13-A	—	45453-13				
14	8655-B14-A	8656-B14-A	8657-B14-A	8658-B14-A	—	45453-14				
16	8655-B16-A	8656-B16-A	8657-B16-A	8658-B16-A	—	45453-16				
18	8655-B18-A	8656-B18-A	8657-B18-A	8658-B18-A	—	45453-18				
AMERICAN THREAD	20 8655-B20-A	8656-B20-A	8657-B20-A	8658-B20-A	—	45453-20	3.0	(85)	No. 0 to 1/2" (M4.5 to M12)	
PITCH (T.P.I.)	24 8655-B24-A	8656-B24-A	8657-B24-A	8658-B24-A	8659-B24-A	45453-24				
	27 8655-B27-A	8656-B27-A	8657-B27-A	8658-B27-A	8659-B27-A	45453-27				
	28 8655-B28-A	8656-B28-A	8657-B28-A	8658-B28-A	8659-B28-A	45453-28				
	32 8655-B32-A	8656-B32-A	8657-B32-A	8658-B32-A	8659-B32-A	45453-32				
	36 8655-B36-A	8656-B36-A	8657-B36-A	8658-B36-A	8659-B36-A	45453-36				
	40 8655-B40-A	8656-B40-A	8657-B40-A	8658-B40-A	8659-B40-A	45453-40				
	44 8655-B44-A	8656-B44-A	8657-B44-A	8658-B44-A	8659-B44-A	45453-44				
	48 8655-B48-A	8656-B48-A	8657-B48-A	8658-B48-A	8659-B48-A	45453-48				
	56 8655-B56-A	8656-B56-A	8657-B56-A	8658-B56-A	8659-B56-A	45453-56				
.40	—	—	8657-B1-A	8658-B1-A	8659-B1-A	45785-40				
.45	—	—	8657-B2-A	8658-B2-A	8659-B2-A	45785-45				
.50	—	—	8657-B3-A	8658-B3-A	8659-B3-A	45785-50				
METRIC THREAD	.60 —	8656-B4-A	8657-B4-A	8658-B4-A	8659-B4-A	45785-60				
LEAD (mm)	.70 —	8656-B5-A	8657-B5-A	8658-B5-A	8659-B5-A	45785-70	3.0	(85)	No. 0 to 1/2" (M4.5 to M12)	
	.75 8655-B6-A	8656-B6-A	8657-B6-A	8658-B6-A	8659-B6-A	45785-75				
	.80 8655-B7-A	8656-B7-A	8657-B7-A	8658-B7-A	8659-B7-A	45785-80				
	1.00 8655-B8-A	8656-B8-A	8657-B8-A	8658-B8-A	8659-B8-A	45785-100				
	1.25 8655-B9-A	8656-B9-A	8657-B9-A	8658-B9-A	—	45785-125				
	1.50 8655-B10-A	8656-B10-A	8657-B10-A	8658-B10-A	—	45785-150				

Special Tappers available, featuring high duty cycle, twin and multi-spindle heads, and left hand threads. Consult factory.

+Consumption in cubic feet during a typical 6 second cycle time. NOTE: Performance data given at 90 PSI (6.2 bar) air pressure.

AIR INLET	CONTROL PORTS	SPINDLE THREAD	RECOMMENDED HOSE SIZE	RECOMMENDED OPERATING PRESSURE
3/8" NPT female	1/8" NPT female	No. 1 Morse Taper female	1/2" ID	90 PSI (6.2 bar)

STANDARD EQUIPMENT

- 41376 Tap Chuck, No. 0-1/2" (M4.5 - M12) Cap.
- Necessary wrenches

ACCESSORIES AT EXTRA COST

- 44889 Floating Tap Chuck, No. 0-5/8" (M1.6 - M16) Cap.
- 44890-() Collets for 44889 Chuck

44889 Floating Tap Chuck



Provides parallel float up to 0.030" (0.76 mm) to ensure the tap being driven aligns properly with the drilled hole. Order the desired size 44890-() Collet separately from the chart at the right.

AMERICAN HAND TAP SIZE	METRIC HAND TAP SIZE	COLLET ID		COLLET NO.
		in.	mm	
No. 0 - No. 6	M1.6 - M6	.141	3.58	44890-1
No. 8	M4	.168	4.27	44890-2
No. 10	M4.5 - M5	.194	4.93	44890-3
No. 12	—	.220	5.59	44890-4
No. 14 & 1/4"	M6	.255	6.48	44890-5
5/16"	M7 - M8	.318	8.08	44890-6
3/8"	—	.381	9.68	44890-7
7/16"	M10	.323	8.20	44890-8
1/2"	M12	.367	9.32	44890-9
9/16"	M14	.429	10.90	44890-10
5/8"	M16	.480	12.19	44890-11
1/8" S.S. Pipe*	—	.313	7.95	44890-12
1/8" L.S. Pipe*	—	.438	11.12	44890-13

*S.S. = Small Shank, L.S. = Large Shank