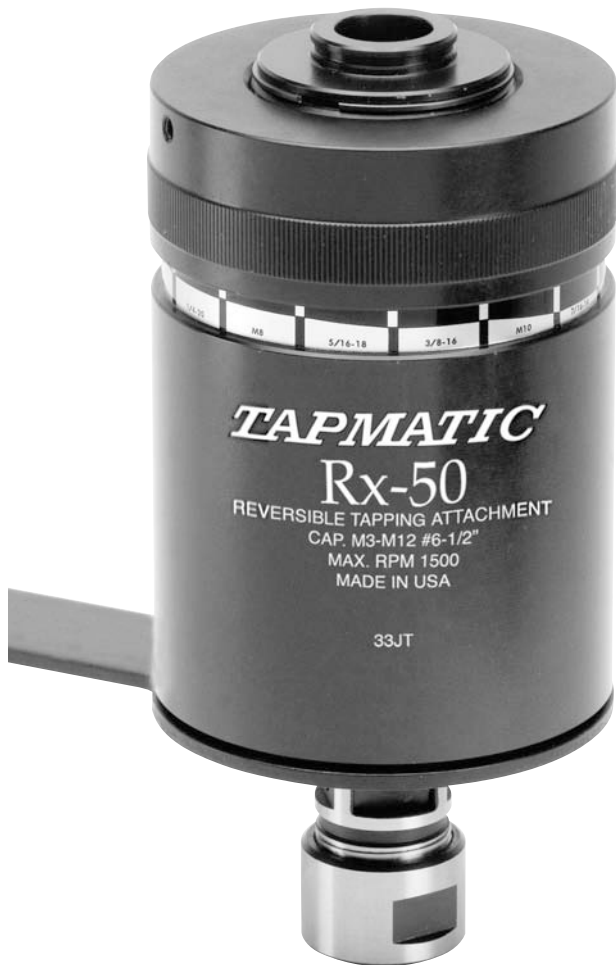


Introducing An All New Rx

For Manual Tapping Applications.



For Over 50 Years Tapmatic Has Set The Standards For Tapping. Now, The New Rx Self-Reversing Tapping Head Sets A New Standard For:

Higher Production Rates.

Accurate Depth Control.

Longer Tap Life.

Consistent Trouble Free Performance.

Features NEW

- **Durable, Rugged Design For Higher Producton.**
- **Heavy Duty Ball Clutch.**

SPD Series Short Positive Drive

For Large Capacity On Manual Or Automated Equipment.



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SPD QC Series

For Quick-Change Capability.



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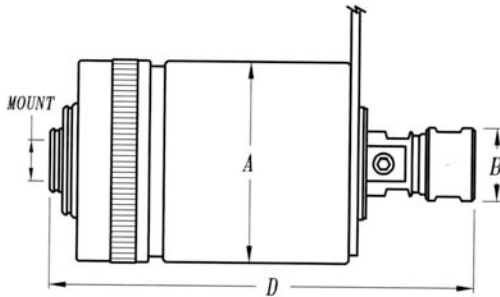
TC/DC Series

For Adjustable Depth Control.



TC/DC Page 34
X Models Page 35

Rx Series With Rubber-Flex Collet Chuck



APPLICATIONS

For Manually Operated Drilling And Milling Machines.

FEATURES And PERFORMANCE ADVANTAGES

Increased Production

New Durable, Rugged Design

New Heavy Duty Ball Clutch.

Pre-Selective Torque Drive prevents tap breakage.

1.75 x 1 Increased Reverse Speed

Self-Feed ensures gage perfect threads.

Re-Entry Cushion eliminates cross threading.

TAPER MOUNTS

Capacity In 1010 Mild Steel	Model	Mount	Catalog No.	Collet Series	*Rec.Max. Speed	Weight	A	B	D	*Self-Feed
#0-1/4" M1.4-M6 Roll Form #10 Max	Rx 30	#33 JT #6 JT DIN B16	013033 013006 013016	#21000	2000 RPM	1.5 lb. .7 kg.	2.125 53mm	.750 19mm	4.58 116mm	.13 3mm
#6-1/2" M3-M12 Roll Form 3/8" Max NP 1/16", 1/8"	Rx 50	#33 JT #6 JT DIN B16	015033 015006 015016	#22000	1500 RPM	4.0 lb. 1.8 kg.	3.000 76mm	1.070 27mm	6.20 157mm	.20 5mm
#10-3/4"-16 M5-M18 Roll Form 9/16" Max	Rx 70	#3 JT	017003	#24000	750 RPM	6.7 lb. 3.0 kg.	3.500 88mm	1.450 36mm	7.14 182mm	.27 7mm

THREAD MOUNTS

Capacity In 1010 Mild Steel	Model	Mount	Catalog No.	Collet Series	*Rec.Max. Speed	Weight	A	B	D	*Self-Feed
#0-1/4" M1.4-M6 Roll Form #10 Max	Rx 30	*5/16"-24 3/8"-24 1/2"-20 *5/8"-16	013031 013037 013050 013062	#21000	2000 RPM	1.5 lb. .7 kg.	2.125 53mm	.750 19mm	4.58 116mm	.13 3mm
#6-1/2" M3-M12 Roll Form 3/8" Max NP 1/16", 1/8"	Rx 50	1/2"-20 *5/8"-16 *3/4"-16	015050 015062 015075	#22000	1500 RPM	4.0 lb. 1.8 kg.	3.000 76mm	1.070 27mm	6.20 157mm	.20 5mm
#10-3/4"-16 M5-M18 Roll Form 9/16" Max	Rx 70	*5/8"-16 *3/4"-16 7/8"-20	017062 017075 017087	#24000	750 RPM	6.7 lb. 3.0 kg.	3.500 88mm	1.450 36mm	7.14 181mm	.27 7mm

*Special thread mount only for Burgmaster Machines.

MANUAL TOOL ORDERING INFORMATION:

Order Separately TAPPING ATTACHMENT This Page.
Please order by catalog # and tap size capacity.
Tool capacity must be reduced by 25% for roll form taps.



ARBORS Page 51



RUBBER-FLEX
COLLETS
Page 50



TORQUE BARS Page 50

Always mount a torque bar to hold the tapping attachment's stop arm from rotating. The Torque Bar must be mounted securely to the table or quill of your machine. The torque bar installation must be stronger than the largest tap in the tool's capacity.

SPD Series Rubber Flex Collet Spindle

APPLICATIONS

Large Capacity Applications On Manually Operated Or Automated Equipment.

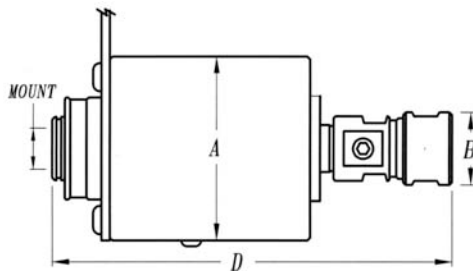
FEATURES And PERFORMANCE ADVANTAGES

Positive Drive & Reverse: Eliminates tap slippage.

Uses Standard Bore Cycle For Tapping: Eliminating machine spindle reversals increases productivity and tap life and reduces machine wear.

Short Stroke Self-Feed: Compensates for any lead error.

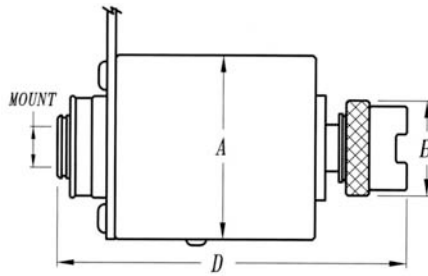
Re-Entry Cushion: Eliminates cross-threading when re-entering previously threaded hole.
Special Hard Start models also available for improved depth control.



Capacity In 1010 Mild Steel	Model	Mount	Catalog No.	Rubber-Flex* Collet Series	Rec. Max. Speed	Weight	A	B	D	Self-Feed
#0-1/4" M1.4-M6 Roll Form #10 Max	SPD3	#33 JT	18333	#21000	2000 RPM	1.6 lb. .7 kg.	2.085 53mm	.750 19mm	4.66 118mm	.120
		#6 JT	18306							3mm
		DIN B16	18316							
		*3/4"-16	18375							
		*5/16"-24	18331							4.12
		3/8"-24	18337							105mm
		1/2"-20	18350							4.46
5/8"-16	18362	113mm								
#6-1/2" M3-M12 Roll Form 3/8" Max NP 1/16", 1/8"	SPD5	#33 JT	18533	#22000	1500 RPM	3.6 lb. 1.6 kg.	2.718 69mm	1.070 27mm	5.83 148mm	.200
		#6 JT	18506							5mm
		DIN B16	18516							
		7/8"-20	18587							
		3/8"-24	18537							5.45
		1/2"-20	18550							138mm
		*5/8"-16	18562							
*3/4"-16	18575									
#10-3/4"-16 M5-M18 Roll Form 9/16" Max	SPD7	#3 JT	18703	#24000	1200 RPM	5.1 lb. 2.3 kg.	3.000 76mm	1.450 36mm	6.88 175mm	.270
		7/8"-20	18787							7mm
		1/2"-20	18750							6.39
		*5/8"-16	18762							162mm
		*3/4"-16	18775							
1/2"-1-1/8" M10-M28 Roll Form 3/4" Max NP 1/2"	SPD9A	#4 JT	17904	#26000	600 RPM	12.1 lb. 5.5 kg.	4.090 103mm	2.250 57mm	8.96 228mm	.390
		1-1/2"-18	17915							7.86
										200mm
		*3/4"-16	17975							8.70
			221mm							

*Special thread mount only for Burgmaster Machine.

SPD-QC Series Quick-Change Spindle



Capacity In 1010 Mild Steel	Model	Mount	Catalog No.	Adapter Series	* Recommended Maximum Speed	Weight	A	B	D	Self-Feed
#0-1/4" M1.4-M7 Roll Form #10 Max	SPD3-QC	#33 JT	18233	#0	2000 RPM	1.6 lb. .7 kg.	2.085 53mm	1.100 28mm	4.30 109mm	.120 3mm
			18206							
			18216							
			18275							
			18231							
			18237							
			18250							
18262										
#6-1/2" M3-M12 Roll Form 3/8" Max NP 1/8"	SPD5-QC	#33 JT	18433	#1	1500 RPM	3.6 lb. 1.6 kg.	2.718 69mm	1.400 36mm	5.15 130mm	.200 5mm
			18406							
			18416							
			18487							
			18437							
			18450							
			18462							
18475										
#10-3/4"-16 M5-M18 Roll Form 9/16" Max NP 1/4", 3/8"	SPD7-QC	#3 JT	18603	#2	1200 RPM	5.1 lb. 2.3 kg.	3.000 76mm	2.125 54mm	6.25 159mm	.270 7mm
			18687							
			18650							
			18662							
			18675							
1/2"-1-1/8" M10-M28 Roll Form 3/4" Max NP 1/2", 3/4"	SPD9A-QC	#4 JT	17804	#3	600 RPM	12.1 lb. 5.5 kg.	4.090 103mm	2.980 76mm	8.56 217mm	.390 10mm
			17815							
			17875							
			17875							
3/4"-2" M22-M42 Roll Form 1-1/4" Max NP 3/4"-1-1/4"	SPD11-QC	2-1/4"-10	18100	#4	400 RPM	31 lb. 14 kg.	5.750 146mm	3.560 90mm	9.800 236mm	.500 12mm
			18100							

*Special thread mount only for Burgmaster Machine.

MANUAL TOOL ORDERING INFORMATION:
Order Separately TAPPING ATTACHMENT This Page.
Please order by catalog # and tap size capacity. Tool capacity must be reduced by 25% when using roll form.



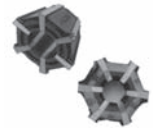
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TORQUE BARS Page 50

Always mount a torque bar to hold the tapping attachment's stop arm from rotating. The Torque Bar must be mounted securely to the table or quill of your machine. The torque bar installation must be stronger than the largest tap in the tool's capacity.

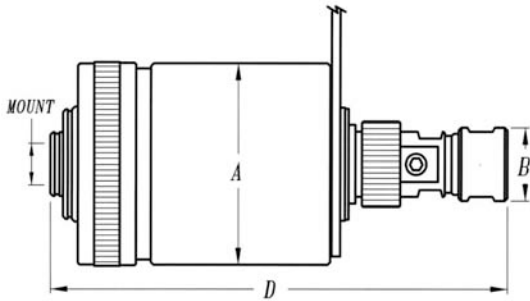
RUBBER-FLEX COLLETS For SPD Page 50



QUICK-CHANGE ADAPTERS SPD-QC Page 44



TC/DC Series Rubber-Flex Collet Spindle, Adjustable Depth Control



APPLICATIONS

For Manually Operated Drilling And Milling Machines.

FEATURES And PERFORMANCE ADVANTAGES

- Pre-Selective Torque Drive** prevents tap breakage.
- 1.75 x 1 Increased reverse speed** for higher productivity
- Self-Feed** ensures gage perfect threads
- Re-Entry Cushion** eliminates cross threading
- Adjustable Depth Control** for blind holes.

TAPER MOUNTS

Capacity In 1010 Mild Steel	Model	Mount	Catalog No.	Collet Series	*Recommended Maximum Speed	Weight	A	B	D	Adj. Self-Feed
#0-1/4" M1.4-M6 Roll Form #10 Max	30TC/DC	#33 JT	14333	#21000	2000 RPM	1.0 lb. .5 kg.	1.875 48mm	.750 19mm	4.80 122mm	.078-.140 2mm-3mm
		#6 JT	14306							
		DIN B12	14312							
		DIN B16	14316							
#6-1/2" M3-M12 Roll Form 3/8" Max NP 1/16", 1/8"	50TC/DC	#33 JT	14533	#22000	1500 RPM	3.3 lb. 1.5 kg.	2.750 70mm	1.070 27mm	6.66 169mm	.078-.235 2mm-6mm
		#6 JT	14506							
		DIN B16	14516							
#10-5/8" M5-M16 Roll Form 1/2" Max	70TC/DC	#3 JT	14703	#24000	1200 RPM	4.6 lb. 2.1 kg.	3.000 76mm	1.450 36mm	7.38 187mm	.078-.375 2mm-9mm

THREAD MOUNTS

Capacity In 1010 Mild Steel	Model	Mount	Catalog No.	Collet Series	*Recommended Maximum Speed	Weight	A	B	D	Adj. Self-Feed
#0-1/4" M1.4-M6 Roll Form #10 Max	30TC/DC	*5/16"-24	14331	#21000	2000 RPM	1.0 lb. .5 kg.	1.875 48mm	.750 19mm	4.42 112mm	.078-.140 2mm-3mm
		3/8"-24	14337							
		1/2"-20	14350							
		*5/8"-16	14362							
#6-1/2" M3-M12 Roll Form 3/8" Max NP 1/16", 1/8"	50TC/DC	3/8"-24	14537	#22000	1500 RPM	3.3 lb. 1.5 kg.	2.750 70mm	1.070 27mm	6.66 169mm	.078-.235 2mm-6mm
		1/2"-20	14550							
		5/8"-16	14562							
		3/4"-16	14575							
#10-5/8" M5-M16 Roll Form 1/2" Max	70TC/DC	1/2"-20	14750	#24000	1200 RPM	4.6 lb. 2.1 kg.	3.000 76mm	1.450 36mm	7.38 187mm	.078-.375 2mm-9mm
		*5/8"-16	14762							
		*3/4"-16	14775							
		7/8"-20	14787							

*Special Burgmaster Machine Thread Mount.

MANUAL TOOL ORDERING INFORMATION:

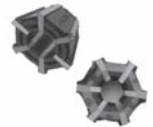
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Tool capacity must be reduced by 25% for roll form taps.



ARBORS
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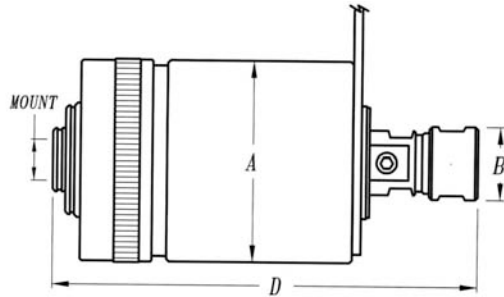
RUBBER-FLEX
COLLETS
Page 50



TORQUE BARS Page 50

Always mount a torque bar to hold the tapping attachment's stop arm from rotating. The Torque Bar must be mounted securely to the table or quill of your machine. The torque bar installation must be stronger than the largest tap in the tool's capacity.

X Series Rubber-Flex Collet Spindle



APPLICATIONS

For Manually Operated Drilling And Milling Machines.

FEATURES And PERFORMANCE ADVANTAGES

Pre-Selective Torque Drive prevents tap breakage.

1.75 x 1 Increased reverse speed for higher productivity.

Self-Feed ensures gage perfect threads.

Re-Entry Cushion eliminates cross threading.

TAPER MOUNTS

Capacity In 1010 Mild Steel	Model	Mount	Catalog No.	Collet Series	*Rec. Max. Speed	Weight	A	B	D	Self-Feed
#0000-#0 M0-M1.4	100XB	#1 JT	16101	100XB	2000 RPM	.4 lb. .2 kg.	1.312 33mm	.375 9mm	3.72 94mm	.187 5mm
#0-1/4" M1.4-M6 Roll Form #10 Max	30X	#33 JT	10333	#21000	2000 RPM	1.0 lb. .5 kg.	1.875 48mm	.750 19mm	4.45 113mm	.140 3.3mm
		#6 JT	10306							
		DIN B12	10312							
		DIN B16	10316							
#6-1/2" M3-M12 Roll Form 3/8" Max NP 1/16", 1/8"	50X	#33 JT	10533	#22000	1500 RPM	3.3 lb. 1.5 kg.	2.750 70mm	1.070 27mm	6.00 152mm	.235 6mm
		#6 JT	10506							
		DIN B16	10516							
#10-5/8" M5-M16 Roll Form 1/2" Max	70X	#3 JT	10703	#24000	1200 RPM	4.6 lb. 2.1 kg.	3.000 76mm	1.450 36mm	6.81 173mm	.375 9mm
1/2"-1-1/8" M10-M28 Roll Form 3/4" Max NP 1/2"	90X	#4 JT	10904	#26000	600 RPM	12.1 lb. 5.5 kg.	4.200 107mm	2.250 57mm	8.93 227mm	.500 13mm

THREAD MOUNTS

Capacity In 1010 Mild Steel	Model	Mount	Catalog No.	Collet Series	*Rec. Max. Speed	Weight	A	B	D	Self-Feed
#0-1/4" M1.4-M6 Roll Form #10 Max	30X	*5/16"-24	10331	#21000	2000 RPM	1.0 lb. .5 kg.	1.875 48mm	.750 19mm	4.07 103mm	.140 3.3mm
		3/8"-24	10337							
		1/2"-20	10350							
		*5/8"-16	10362							
		*3/4"-16	10375							
#6-1/2" M3-M12 Roll Form 3/8" Max NP 1/16", 1/8"	50X	3/8"-24	10537	#22000	1500 RPM 1.5 kg.	3.3 lb. 70mm	2.750 27mm	1.070 152mm	6.00 6mm	.235
		1/2"-20	10550							
		*5/8"-16	10562							
		*3/4"-16	10575							
#10-5/8" M5-M16 Roll Form 1/2" Max	70X	1/2"-20	10750	#24000	1200 RPM	4.6 lb. 2.1 kg.	3.000 76mm	1.450 36mm	6.81 173mm	.375 9mm
		*5/8"-16	10762							
		*3/4"-16	10775							
		7/8"-20	10787							
1/2"-1-1/8" M10-M28 Roll Form 3/4" Max NP 1/2"	90X	*3/4"-16	10975	#26000	600 RPM	12.1 lb.	4.200	2.250	8.93	.500
		1-1/2"-18	10915		5.5 kg.	107mm	57mm	227mm	13mm	

*Special Thread Mount only for Burgmaster Machines.