

Tapping attachments for manual tapping application



RX
Newest series for high production with heavy duty ball clutch.

X
For general tapping with sensitive fiber clutch.

TC/DC
Adjustable self feed for accurate depth control in shallow holes.

Tapping attachments for drilling and milling machines and pneumatic, hydraulic and electric spindles

Since 1952 Tapmatic has manufactured the world's most popular line of compact self-reversing tapping attachments. Our experience and commitment to quality make these tools an excellent value. Although there are other products available on the market, a Tapmatic head is still the most economical to use. Our customers know they can count on our tools for many, many years of service.

Tapmatic offers a complete program of self-reversing tapping attachments to meet the most difficult requirements. Ruggedly built, these Tapmatic tools provide higher production rates due to:

- decrease in tap breakage
- production of perfect threads
- reduced cycle time through increased 1.75:1 reverse speed
- longer tap life
- accurate depth control
- better thread quality
- consistent trouble free performance
- interchangeable mounts
- left hand versions available on request

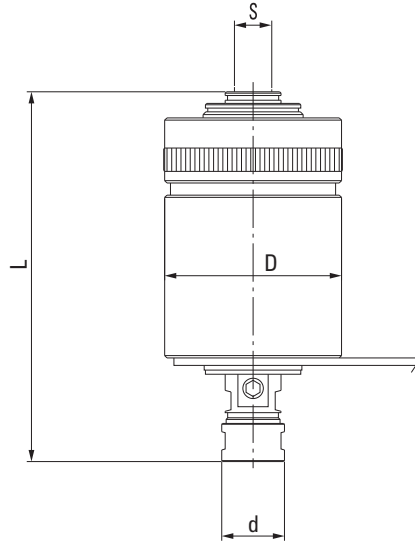
SPD
Positive drive for applications where torque control is not desirable. 1 to 1 reverse ratio simplifies adjustment of automatically controlled feed.



SPD-QC
With quick change spindle. Recommended for pipe taps.



High production self-reversing tapping attachments with high-speed reverse and pre-selective torque control



- for hard to machine material and high torque applications like roll form tapping
- less tap breakage due to pre-selective torque control
- reduced cycle time through increased 1.75:1 reverse speed
- easy handling, compact design
- easy adaptation with multiple interchangeable arbors

How to Order

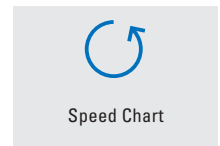
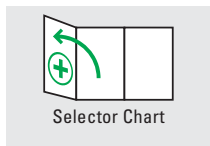
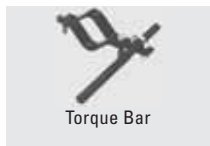
Please select the tapping attachment (A) and arbor (C) to fit your application. Choose an arbor to fit the thread or taper mount of the tapping attachment, with the Morse Taper, R8 or straight shank to fit your machine. Please order rubber flex collets and torque bars separately .

Dimensions

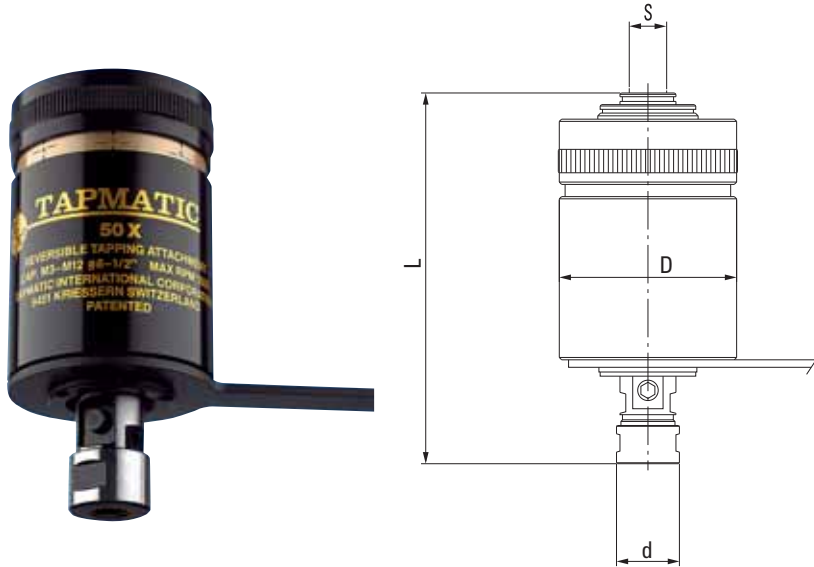
(A) Model	D mm	d mm	Self-feed mm T	Weight kg
RX30	53	19	6	0.7
RX50	76	27	10	1.8
RX70	88	36	10	3.0

Model	Order code	Capacity (steel)	Collets Rubber Flex	Max. RPM	Mounts S		L
					Taper mounts	Thread. mounts	
RX 30	013006	M1.4–M7 #0 - 1/4"	21600	2000	JT6	3/8"–24 1/2"–20	116
	013016				B16		
	013033				JT33		
	013037						
	013050						
RX 50	015006	M3–M12 #6 - 1/2"	22100	1500	JT6	1/2"–20	157
	015016				B16		
	015033				JT33		
	015050						
RX 70	017003	M5–M18 #10 - 3/4"	24100	1200	JT3	7/8"–20	182
	017087						

Note: When using Roll Form Taps the tool's tapping capacity must be reduced by 25 %.
 Special thread mounts are also available to fit Burgmaster machines.
 All dimensions are shown in mm. 25.4mm = 1"



Self-reversing tapping attachments with high-speed reverse and pre-selective torque control



- easy handling, compact design
- less tap breakage due to pre-selective torque control
- easy adaptation with multiple interchangeable arbors
- reduced cycle time through increased 1.75:1 reverse speed
- only 2 Rubber Flex collets per model required. (exception 100XB)

How to Order

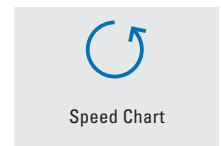
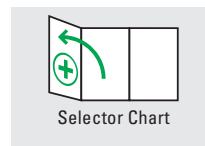
Please select the tapping attachment (A) and arbor (C) to fit your application. Choose an arbor to fit the thread or taper mount of the tapping attachment, with the Morse Taper, R8 or straight shank to fit your machine. Please order rubber flex collets and torque bars separately .

Dimensions

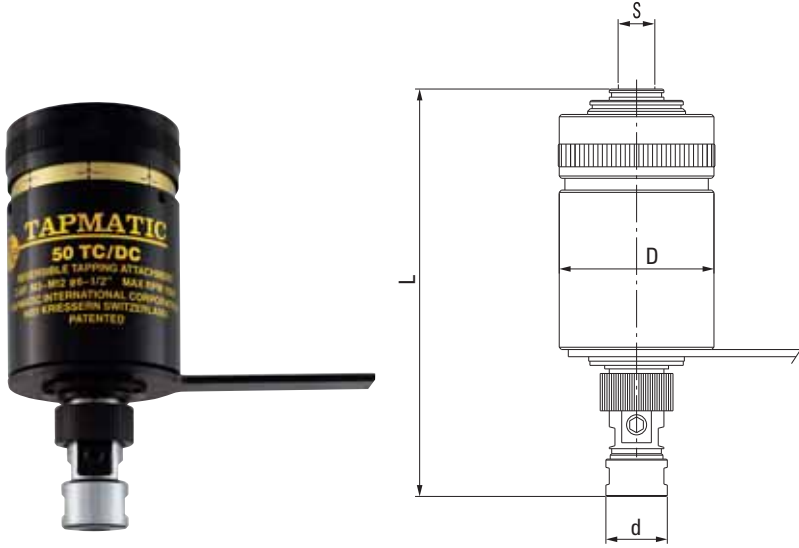
Model	D	d	Self-feed	Weight kg
100XB	33	9	5	0.2
30X	48	19	3.5	0.5
50X	70	27	6	1.4
70X	76	36	9	2.1
90X	105	57	13	5.0

(A) Model	Order code	Capacity (steel)	Collets Rubber Flex	Max. RPM	Mounts S		L
					Taper mounts	Thread. mounts	
100XB	16101	M0.5–M2, #0000-0	XB	2000	JT1		94
30X	10306	M1.4–M7 #0 - 1/4"	21600 21700	2000	JT6		113
	10312				B12		
	10316				B16		
	10333				JT33		
	10331					5/16"–24*	104
	10337					3/8"–24	
	10350					1/2"–20	113
	10362					5/8"–16*	
10375		3/4"–16*					
50X	10506	M3–M12 #6 - 1/2"	22100 22200	1500	JT6		153
	10516				B16		
	10533				JT33		
	10537					3/8"–24	
	10550					1/2"–20	
	10562					5/8"–16*	
	10575					3/4"–16*	
	70X				10703	M5–M18 #10 - 1/2"	24100 24500
10718		B18					
10750			1/2"–20				
10762			5/8"–16*	176			
10775			3/4"–16*				
10787			7/8"–20				
10904		M10–M30 1/2" - 1 1/8"	26100 26200		600		
10915				1.1/2"–18			

Note: When using Roll Form Taps the tool's tapping capacity must be reduced by 25%.
 * These special thread mounts are only for Burgmaster machines.
 All dimensions are shown in mm. 25.4mm = 1"



Self-reversing tapping attachments with high-speed reverse, pre-selective torque control and adjustment for shallow depth tapping



- adjustable depth control for shallow blind hole
- easy handling, compact design
- less tap breakage due to pre-selective torque control
- easy adaption with multiple interchangeable arbors
- reduced cycle time through increased 1.75:1 reverse speed
- only 2 Rubber Flex collets per model required.

How to Order

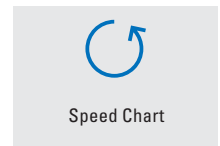
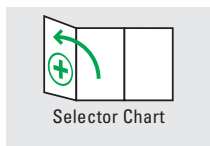
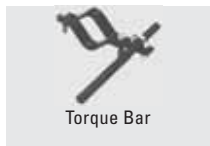
Please select the tapping attachment (A) and arbor (C) to fit your application. Choose an arbor to fit the thread or taper mount of the tapping attachment, with the Morse Taper, R8 or straight shank to fit your machine. Please order rubber flex collets and torque bars separately .

Dimensions

Model	D	d	Self-feed	Weight kg
30TC/DC	48	19	1.5-3.5	0.5
50TC/DC	70	27	2-6	1.2
70TC/DC	76	36	3-9	2.3

(A) Model	Order code	Capacity (steel)	Collets Rubber Flex	Max. RPM	Mounts S		L	
					Taper mounts	Thread. mounts		
30TC/DC	14306	M1.4-M7 #0 - 1/4"	21600	2000	JT6 B12 B16 JT33		122	
	14312							
	14316							
	14333							
	14331		5/16"-24* 3/8"-24 1/2"-20 5/8"-16*					113
	14337							
	14350							
	14362							
50TC/DC	14506	M3-M12 #6 - 1/2"	22100	1500	JT6 B16 JT33		169	
	14516							
	14533		3/8"-24 1/2"-20 5/8"-16*					
	14537							
	14550							
	14562		M5-M18 #10 - 5/8"		24100	1200		JT3 B18
14703								
14718	1/2"-20 5/8"-16* 7/8"-20							
14750								
14762								
14787								

Note: When using Roll Form Taps the tool's tapping capacity must be reduced by 25 %.
 * These special thread mounts are only for Burgmaster machines.
 All dimensions are shown in mm. 25.4mm = 1"



Tapping attachments with automatic reversal for conventional machines



Features and Advantages

- rugged design
- short lengths
- 1:1 reverse speed
- for heavy applications like drill tapping or roll form tapping
- SPD QC also recommended for pipe taps

Dimensions

Model	D mm	d mm	Self-feed mm	Weight kg
SPD-3	53	19	3	0.5
SPD-5	69	27	5	1.4
SPD-7	76	36	7	2.1
SPD-9A	103	57	10	5.0
SPD-3 QC	53	28	3	0.5
SPD-5 QC	69	36	5	1.4
SPD-7 QC	76	54	7	2.1
SPD-9A QC	103	76	10	5.0
SPD-11 QC	146	90	13	14.0

Note: When using Roll Form Taps the tool's tapping capacity must be reduced by 25%.
 RF Multi-range collets see page 45.
 Interchangeable arbors see page 49.
 * These special thread mounts are only for Burgmaster machines.
 All dimensions are shown in mm. 25.4mm = 1"

Model	Order code	Capacity (steel)	Collets	Max. RPM	Mounts S		L mm
					Taper mounts	Thread. mounts	
SPD-3	18316	M1.4–M7 #0 - 1/4"	21600 21700	2000	B16 JT33		118
	18333						
	18337						
	18350						
	18362						
	18375						
SPD-5	18516	M3–M12 #6 - 1/2"	22100 22200	1500	B16 JT33		148
	18533						
	10537						
	10550						
	18562						
	18575						
SPD-7	18703	M5–M18 #10 - 5/8"	24100 24500	1200	JT3		175
	18750						
	18762						
	18787						
	18787						
SPD-9A	17904	M10–M30 1/2" - 1 1/8"	26100 26200	600	JT4		228
	17915						200
SPD-3 QC	18216	M1.4–M7 #0 - 1/4"	Nr 0	2000	B16 JT33		109
	18233						
	18237						
	18250						
	18262						
	18275						
SPD-5 QC	18416	M3–M12 #6 - 1/2"	Nr 1	1500	B16 JT33		130
	18433						
	18450						
	18462						
	18489						
SPD-7 QC	18603	M5–M18 #10 - 5/8"	Nr 2	1200	JT3		159
	18650						
	18662						
	18687						
SPD-9 QC	17804	M10–M30 1/2" - 1 1/8"	Nr 3	600	JT4		217
	17815						189
SPD-11 QC	18100	M22–M42, 3/4" - 2"	Nr 4	400			236

