

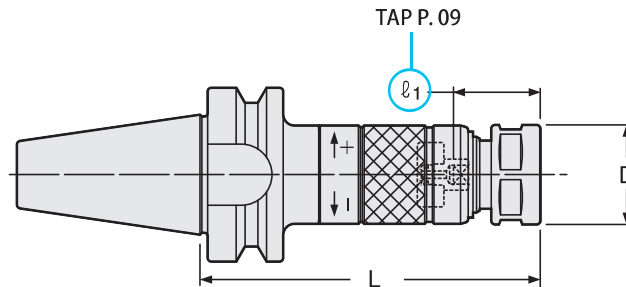


STM

Synchronous Tap Holder With Easy Tool Length Adjustment

Simple length adjustment - all you have to do is turn the guide ring!

Max RPM
20,000



Tap sizes are based on old JIS standard.

(NOTE) Nut O.D. of STM8 is 19mm.

Unit : Metric

Code	Model	Tap Size	L	D	kg	Nut	Collet	Preset Driver	Spanner
391000100075	BT30 -STM8 -75 *	JIS M4 ~M8 DIN M5 ~M8 ANSI #0 ~1/4	75	21	0.5	KDP-1414	FDC-07	STS-8	SN0017
391000100090			90	21	0.5				
391000100105			105	21	0.6				
391000100120			120	21	0.6				
391000100135			135	21	0.6				
391000100150			150	21	0.7				
391010100075	-STM12 -75 *	JIS M4 ~M12 DIN M5 ~M10 ANSI #0 ~7/16	75	26	0.6	HTP-09	FSC-09	STS-12	S-1L
391010100090			90	26	0.6				
391010100105			105	26	0.7				
391010100120			120	26	0.7				
391010100135			135	26	0.8				
391010100150			150	26	0.8				
391010100165			165	26	0.9				
391030100090	-STM18 -90	JIS M4 ~M18 DIN M9 ~M18 ANSI 1/2 ~7/16	90	36	0.7	HTP-16	FSC-16	STS-18	S-4L
391030100105			105	36	0.8				
391030100120			120	36	0.9				
391030100135			135	36	1.0				
391030100150			150	36	1.1				
391030100165			165	36	1.2				
391040100105	-STM30 -105	JIS M20 ~M30 DIN M20 ANSI 3/4 ~1"	105	46	1.0	HTP-22	FSC-22	STS-30	S-5L
391040100120			120	46	1.2				
391040100135			135	46	1.3				
391040100150			150	46	1.5				
391040100165			165	46	1.7				
391000300090	BT40 -STM8 -90	JIS M4 ~M8 DIN M5 ~M8 ANSI #0 ~1/4	90	21	1.1	KDP-1414	FDC-07	STS-8	SN0017
391000300105			105	21	1.1				
391000300120			120	21	1.2				
391000300135			135	21	1.2				
391000300150			150	21	1.2				
391010300090	-STM12 -90	JIS M4 ~M12 DIN M5 ~M10 ANSI #0 ~7/16	90	26	1.2	HTP-09	FSC-09	STS-12	S-1L
391010300105			105	26	1.2				
391010300120			120	26	1.2				
391010300135			135	26	1.3				
391010300150			150	26	1.3				
391010300180			180	26	1.4				
391030300105	-STM18 -105	JIS M4 ~M18 DIN M9 ~M18 ANSI 1/2 ~7/16	105	36	1.4	HTP-16	FSC-16	STS-18	S-4L
391030300120			120	36	1.5				
391030300135			135	36	1.6				
391030300150			150	36	1.7				
391030300180			180	36	1.9				
391040300120	-STM30 -120	JIS M20 ~M30 DIN M20 ANSI 3/4 ~1"	120	46	1.7	HTP-22	FSC-22	STS-30	S-5L
391040300135			135	46	1.8				
391040300150			150	46	2.0				
391040300180			180	46	2.4				
391000500090	BT50 -STM8 -90 *	JIS M4 ~M8 DIN M5 ~M8 ANSI #0 ~1/4	90	21	3.6	KDP-1414	FDC-07	STS-8	SN0017
391000500105			105	21	3.7				
391000500120			120	21	3.7				
391000500135			135	21	3.7				
391000500150			150	21	3.8				
391000500180			180	21	3.8				
391010500090	-STM12 -90 *	JIS M4 ~M12 DIN M5 ~M10 ANSI #0 ~7/16	90	26	3.7	HTP-09	FSC-09	STS-12	S-1L
391010500105			105	26	3.7				
391010500120			120	26	3.8				
391010500135			135	26	3.8				
391010500150			150	26	3.9				
391010500180			180	26	4.0				

Code	Model	Tap Size	L	D	kg	Nut	Collet	Preset Driver	Spanner
391030500105	BT50 -STM18 -105		105	36	3.8				
391030500120		-120	JIS M4~M18	120	36	3.9			
391030500135		-135	DIN M9~M18	135	36	4.0	HTP-16	FSC-16	STS-18
391030500150		-150	ANSI 1/2~7/16	150	36	4.1			S-4L
391030500180		-180		180	36	4.4			
391040500120	-STM30 -120		JIS M20~M30	120	46	4.1			
391040500135		-135	DIN M20	135	46	4.3			
391040500150		-150	ANSI 3/4~1"	150	46	4.4	HTP-22	FSC-22	STS-30
391040500180		-180		180	46	4.8			S-5L
391040500210		-210		210	46	5.1			

1. Collet, spanner, and preset driver are sold separately.
2. Please see below for $\varnothing 1$ dimension. For models with *, please see $\varnothing 1$ (*) row in the below chart.
3. Tap holes smaller than M4 can be made by STM8. Collets to be used are as follows.
M1-M2.6: FDC-03007-*** M3-M3.5: FDC-04007-***
Tap drive will not be used for the above usages.
4. Guide ring will lock when the nut is tightened down.

Ordering Example

BT50 - STM18 - 120

Shank size Holder size Projection length

Unit: Metric

STM $\varnothing 1$ Dimension (STM 12-30)									
w/out center through coolant					w/center through coolant				
$\varnothing 1$	JIS	ANSI	DIN371	DIN376	$\varnothing 1$	JIS	ANSI	DIN371	DIN376
21-35	M4-6	#8-12	M5, M6, M8	M8	24-35	M4-6			
23-37	M7-12	1/4 - 7/16	M10		25-37	M7-10	1/4	M5, M6	M8
28-42	M13-15	1/2 - 3/8		M16	26-37	M11-12	1/8SPT-7/16	M8	
32-45	M16-17	5/8			32-42				
33-47	M18-27	1/4PT - 13/16		M20	33-42	M13-15	1/2 - 3/8	M10	
38-52	M30				34-42				M16
					35-46	M16			
w/center through coolant (STM8 only)					36-47	M18	11/16		
$\varnothing 1$	JIS	ANSI	DIN371	DIN376	40-47	M20-21	3/4		M20
24-35	M4-6	#8-12			41-47	M22			
26-37	M7-8		M6		42-47	M23			
					43-47	M24-25			
					44-47	M26-27			
					45-52	M28			
					46-52	M30			
					48-52				

Collet	Preset driver	Spanner
FDC: ACC 02-03 FSC: TAP 32	TAP 33-34	TAP 35
		