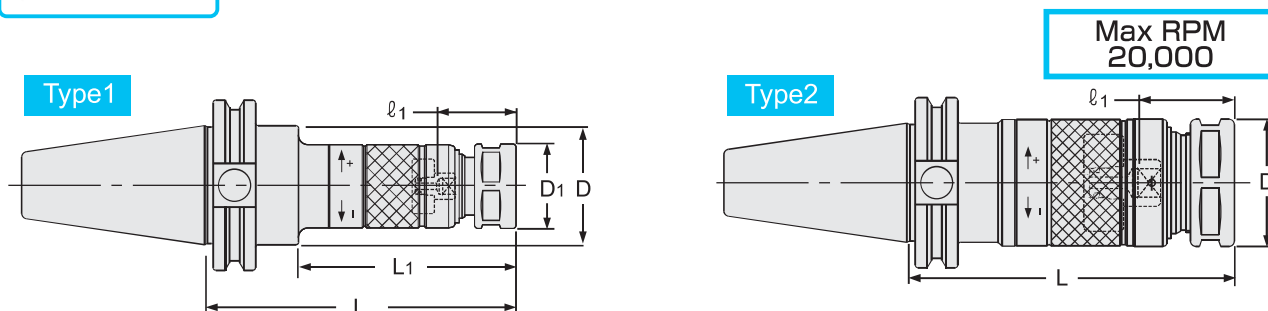




STM

Synchronous Tap Holder With Easy Tool Length Adjustment

Projection length of the cutting tool can be adjusted by simply turning circumference of the holder.



STM Holder

+

Collet

+

STS Driver

(NOTE) Nut O.D. of STM8 is 0.748". Unit : metric

Code	Model	Type	Tap Size	L	L1	D	D1	kg	Nut	Collet	Preset Driver	Spanner
188000400090	CAT40 -STM8 -90※	1		90	54	44.5	21					
188000400105	-105	1	JIS M4~M8	105	69	44.5	21	1.1				
188000400120	-120	1	DIN M5~M8	120	84	44.5	21	1.2	KDP-1414	FDC-07	STS-8	SN0017
188000400135	-135	1	ANSI #0~1/4	135	109	44.5	21	1.2				
188000400150	-150	1		150	124	44.5	21					
188010400090	-STM12 -90※	1		90	54	44.5	26	1.2				
188010400105	-105	1	JIS M4~M12	105	69	44.5	26	1.2				
188010400120	-120	1	DIN M5~M10	120	84	44.5	26	1.2	HTP-09	FSC-09	STS-12	S-1L
188010400135	-135	1	ANSI #0~7/16	135	109	44.5	26	1.3				
188010400150	-150	1		150	124	44.5	26					
188010400180	-180	1		180	154	44.5	26					
188030400105	-STM18 -105	1		105	69	44.5	36	1.3				
188030400120	-120	1	JIS M4~M18	120	84	44.5	36	1.4				
188030400135	-135	1	DIN M9~M18	135	109	44.5	36	1.5	HTP-16	FSC-16	STS-18	S-4L
188030400150	-150	1	ANSI 1/2~7/16	150	124	44.5	36					
188030400180	-180	1		180	154	44.5	36					
188040400120	-STM30 -120	2		120	—	46	—	1.6				
188040400135	-135	2	JIS M20~M30	135	—	46	—	1.8				
188040400150	-150	2	DIN M20	150	—	46	—	1.9	HTP-22	FSC-22	STS-30	S-5L
188040400180	-180	2	ANSI 3/4~1"	180	—	46	—					
188000500090	CAT50 -STM8 -90※	1		90	54	70	21					
188000500105	-105	1	JIS M4~M8	105	69	70	21	3.1				
188000500120	-120	1	DIN M5~M8	120	84	70	21	3.1	KDP-1414	FDC-07	STS-8	SN0017
188000500135	-135	1	ANSI #0~1/4	135	109	70	21	3.2				
188000500150	-150	1		150	124	70	21					
188000500165	-165	1		165	139	70	21					
188010500090	-STM12 -90※	1		90	54	70	26					
188010500105	-105	1	JIS M4~M12	105	69	70	26	3.2				
188010500120	-120	1	DIN M5~M10	120	84	70	26	3.2	HTP-09	FSC-09	STS-12	S-1L
188010500135	-135	1	ANSI #0~7/16	135	109	70	26	3.3				
188010500150	-150	1		150	124	70	26					
188010500180	-180	1		180	154	70	26	3.4				
188030500105	-STM18 -105	1		105	69	70	36	3.3				
188030500120	-120	1	JIS M4~M18	120	84	70	36	3.4				
188030500135	-135	1	DIN M9~M18	135	109	70	36	3.5	HTP-16	FSC-16	STS-18	S-4L
188030500150	-150	1	ANSI 1/2~7/16	150	124	70	36					
188030500180	-180	1		180	154	70	36	3.8				
188040500120	-STM30 -120	1		120	84	70	46	3.5				
188040500135	-135	1	JIS M20~M30	135	109	70	46	3.7				
188040500150	-150	1	DIN M20	150	124	70	46	3.9	HTP-22	FSC-22	STS-30	S-5L
188040500180	-180	1	ANSI 3/4~1"	180	154	70	46					
188040500210	-210	1		210	184	70	46					

1.Collet, spanner, and preset driver are sold separately.

2.Please see next page for l_1 dimension.

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

CAT40 - STM 8 - 90
 Shank size Holder size Projection length (L)

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
		