



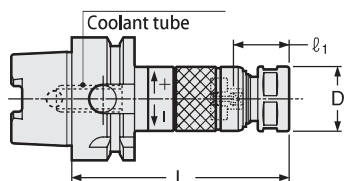
STM

Synchronous Tap Holder With Easy Tool Length Adjustment

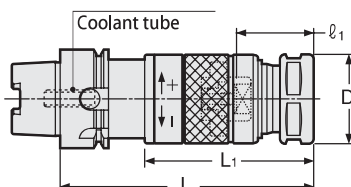
Simple length adjustment - all you have to do is turn the guide ring!

Max RPM
20,000

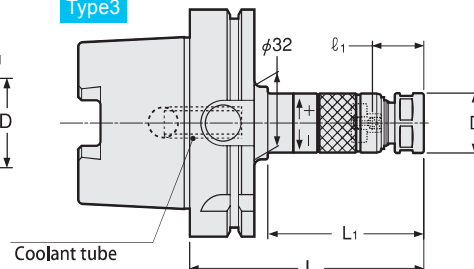
Type1



Type2



Type3



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

● Coolant tube is included.

Unit : Metric

Code	Model	Type	Tap Size	L	L1	D	kg	Nut	Collet	Preset Driver	Spanner
561013000075	HSK40A -STM8 -75*	1	JIS M4~M8	75	—	21	0.3	KDP-1414	FDC-07	STS-8	SN0017
561013000090	-90	1	DIN M5~M8	90	—	21	0.3				
561013000005	-105	1	ANSI #0~1/4	105	—	21	0.4				
561013000020	-120	1		120	—	21	0.4				
561013100075	-STM12 -75*	1	JIS M4~M12	75	—	26	0.4	HTP-09	FSC-09	STS-12	S-1L
561013100090	-90	1	DIN M5~M10	90	—	26	0.4				
561013100005	-105	1	ANSI #0~7/16	105	—	26	0.5				
561013100020	-120	1		120	—	26	0.5				
561013300005	-STM18 -105	2	JIS M4~M18	105	70	36	0.6	HTP-16	FSC-16	STS-1	S-4L
561013300020	-120	2	DIN M9~M18	120	85	36	0.7				
561013300035	-135	2	ANSI 1/2~7/16	135	100	36	0.8				
561013300050	-150	2		150	115	36	0.9				
561014000075	HSK50A -STM8 -75*	1	JIS M4~M8	75	—	21	0.5	KDP-1414	FDC-07	STS-8	SN0017
561014000090	-90	1	DIN M5~M8	90	—	21	0.6				
561014000005	-105	1	ANSI #0~1/4	105	—	21	0.6				
561014000020	-120	1		120	—	21	0.6				
561014100090	-STM12 -90	1	JIS M4~M12	90	—	26	0.6	HTP-09	FSC-09	STS-12	S-1L
561014100005	-105	1	DIN M5~M10	105	—	26	0.7				
561014100020	-120	1	ANSI #0~7/16	120	—	26	0.7				
561014300005	-STM18 -105	1	JIS M4~M18	105	—	36	0.8				
561014300020	-120	1	DIN M9~M18	120	—	36	0.9	HTP-16	FSC-16	STS-1	S-4L
561014300035	-135	1	ANSI 1/2~7/16	135	—	36	1.0				
561014300050	-150	1		150	—	36	1.1				
561075000075	HSK63A -STM8 -75* -H	1	JIS M4~M8	75	—	21	0.7	KDP-1414	FDC-07	STS-8	SN0017
561075000090	-90 -H	1	DIN M5~M8	90	—	21	0.8				
561075000005	-105 -H	1	ANSI #0~1/4	105	—	21	0.8				
561075000020	-120 -H	1		120	—	21	0.8				
561075000035	-135 -H	1		135	—	21	0.9	HTP-09	FSC-09	STS-12	S-1L
561075000050	-150 -H	1		150	—	21	0.9				
561075100090	-STM12 -90 -H	1	JIS M4~M12	90	—	26	0.8				
561075100005	-105 -H	1	DIN M5~M10	105	—	26	0.9				
561075100020	-120 -H	1	ANSI #0~7/16	120	—	26	0.9	HTP-16	FSC-16	STS-1	S-4L
561075100035	-135 -H	1		135	—	26	1.0				
561075100050	-150 -H	1		150	—	26	1.1				
561075100080	-180 -H	1		180	—	26	1.2				
561075300005	-STM18 -105 -H	1	JIS M4~M18	105	—	36	1.0	HTP-22	FSC-22	STS-30	S-5L
561075300020	-120 -H	1	DIN M9~M18	120	—	36	1.2				
561075300035	-135 -H	1	ANSI 1/2~7/16	135	—	36	1.2				
561075300050	-150 -H	1		150	—	36	1.4				
561075300080	-180 -H	1		180	—	36	1.6	HTP-22	FSC-22	STS-30	S-5L
561075400020	-STM30 -120 -H	1	JIS M20~M30	120	—	46	1.4				
561075400035	-135 -H	1	DIN M20	153	—	46	1.5				
561075400050	-150 -H	1	ANSI 3/4~1"	150	—	46	1.7				
561075400065	-165 -H	1		165	—	46	2.1	KDP-1414	FDC-07	STS-8	SN0017
561077000090	HSK100A -STM8 -90* -H	3	JIS M4~M8	90	53	21	2.2				
561077000005	-105 -H	3	DIN M5~M8	105	68	21					
561077000020	-120 -H	3	ANSI #0~1/4	120	83	21	2.2				
561077000035	-135 -H	3		135	98	21		HTP-09	FSC-09	STS-12	S-1L
561077000050	-150 -H	3		150	113	21					
561077000065	-165 -H	3		165	128	21					
561077100090	-STM12 -90* -H	3	JIS M4~M12	90	53	26	2.2				
561077100005	-105 -H	3	DIN M5~M10	105	68	26	2.3	HTP-09	FSC-09	STS-12	S-1L
561077100020	-120 -H	3	ANSI #0~7/16	120	83	26	2.3				
561077100035	-135 -H	3		135	98	26					
561077100050	-150 -H	3		150	113	26	2.4				
561077100080	-180 -H	3		180	143	62	2.5				

Unit : Metric

Code	Model	Type	Tap Size	L	L1	D	kg	Nut	Collet	Preset Driver	Spanner
561077300005	HSK100A -STM18 -105 -H	1		105	—	36	2.4				
561077300020	-120 -H	1	JIS M4~M18	120	—	36	2.5				
561077300035	-135 -H	1	DIN M9~M18	135	—	36	2.6				
561077300050	-150 -H	1	ANSI 1/2~7/16	150	—	36	2.7	HTP-16	FSC-16	STS-18	S-4L
561077300080	-180 -H	1		180	—	36	2.9				
561077400020	-STM30 -120 -H	1		120	—	46	2.7				
561077400035	-135 -H	1	JIS M20~M30	135	—	46	2.9				
561077400050	-150 -H	1	DIN M20	150	—	46		HTP-22	FSC-22	STS-30	S-5L
561077400060	-180 -H	1	ANSI 3/4~1"	180	—	46	3.4				
561077400010	-210 -H	1		210	—	46	3.8				

HSK63A, HSK100A have manual clamp holes in the shank.

1. Collet, spanner, and preset driver are sold separately.
2. Please see below for $\ell 1$ dimension. For models with * , please see $\ell 1$ (*) 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

Without manual clamping hole (HSK40A, HSK50A)

HSK40A - STM12 - 90

Shank size

Holder size

Projection length

Ordering Example

With manual clamping hole (HSK63A, HSK100A)

HSK63A - STM12 - 90 - H

Shank size

Holder size

Projection length

With manual
clamping hole

Unit: Metric

STM $\ell 1$ Dimension (STM 12-30)									
w/out center through coolant					w/center through coolant				
$\ell 1$	JIS	ANSI	DIN371	DIN376	$\ell 1$	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			
					36-47	M18	11/16		
w/center through coolant (STM8 only)					40-47	M20-21	3/4		M20
$\ell 1$	JIS	ANSI	DIN371	DIN376	41-47	M22			
24-35	M4-6	#8-12			42-47	M23			
26-37	M7-8		M6		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
		