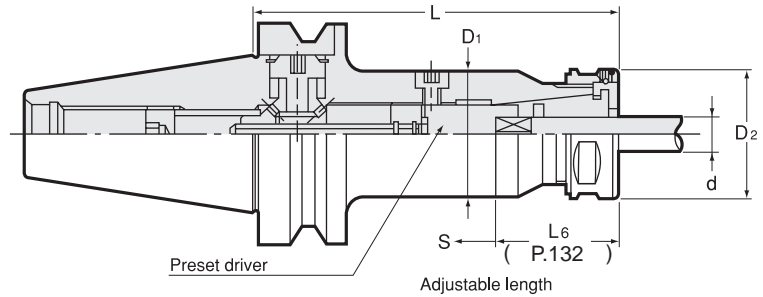


TP0

Synchro Tapping Chuck

- Tap projection length can be easily adjusted by turning hexagon head bolt on side surface of the holder.



- Tap sizes are based on old JIS standard.

Metric Sizes

Unit : Metric

Code	Model	Tap Size	L	S	D1	D2	kg	Collet	Spanner
2200 11090 ***	BT30 -TP0 -8 -90	M1 ~ M8	90	5	20	19	0.6	ESC8	Flat 17mm
2200 11105 ***		U1/4 ~ U5/16	105	8	20	19	0.7		
2200 12075 ***	BT30 -TP0 -10 -75	M1 ~ M10	75	10	28	26	0.6	ESC10	S-1L
2200 12090 ***		U1/4 ~ 3/8	90	15	28	26	0.7		
2200 12105 ***			105	26	28	26	0.8		
2200 41090 ***	BT40 -TP0 -8 -90	M1 ~ M8	90	8	20	19	1.1	ESC8	Flat 17mm
2200 41120 ***		U1/4 ~ U5/16	120	8	20	19	1.2		
2200 42090 ***	BT40 -TP0 -10 -90	M1 ~ M10	90	25	28	26	1.2	ESC10	S-1L
2200 42105 ***		U1/4 ~ 3/8	105	30	28	26	1.3		
2200 42120 ***			120	30	28	26	1.4		
2200 42135 ***			135	30	28	26	1.4		
2200 44105 ***	BT40 -TP0 -16 -105	M8 ~ M16	105	20	36	36	1.4	ESC16	S-4L
2200 44120 ***		U3/8 ~ U5/8	120	29	36	36	1.6		
2200 44135 ***		PIPE(PT,PS,PF)1/8 ~ 1/4	135	30	36	36	1.8		
2200 45105 ***	BT40 -TP0 -22 -105	M14 ~ M22	105	12	46	46	1.7	ESC22	S-5L
2200 45120 ***		U9/16 ~ U7/8	120	20	46	46	1.8		
2200 45135 ***		PIPE(PT,PS,PF)1/4 ~ 3/8	135	30	46	46	2.1		
2200 61090 ***	BT50 -TP0 -8 -90	M1 ~ M8	90	8	20	19	3.4	ESC8	Flat 17mm
2200 61120 ***		U1/4 ~ U5/16	120	8	20	19	3.8		
2200 62090 ***	BT50 -TP0 -10 -90	M1 ~ M10	90	25	28	26	3.8	ESC10	S-1L
2200 62105 ***		U1/4 ~ 3/8	105	30	28	26	3.9		
2200 62120 ***			120	30	28	26	4.0		
2200 62135 ***			135	30	28	26	4.0		
2200 64105 ***	BT50 -TP0 -16 -105	M8 ~ M16	105	21	36	36	4.0	ESC16	S-4L
2200 64120 ***		U3/8 ~ U5/8	120	26	36	36	4.1		
2200 64135 ***		PIPE(PT,PS,PF)1/8 ~ 1/4	135	30	36	36	4.2		
2200 65105 ***	BT50 -TP0 -22 -105	M14 ~ M22	105	13	46	46	4.0	ESC22	S-5L
2200 65120 ***		U9/16 ~ U7/8	120	27	46	46	4.3		
2200 65135 ***		PIPE(PT,PS,PF)1/4 ~ 3/8	135	30	46	46	4.5		
2200 65150 ***			150	30	46	46	4.6		
2200 65165 ***			165	30	46	46	4.8		

1. Complete with nut and preset driver. Collet and spanner are sold separately.

2. When using OSG synchro tap, tap shank size and square size will be different from JIS standard. Please contact NT when using OSG tap.

Collet

P. 131



Spanner

P. 131



Ordering Example

BT40 - TP0 - 16 - 120 / M10J

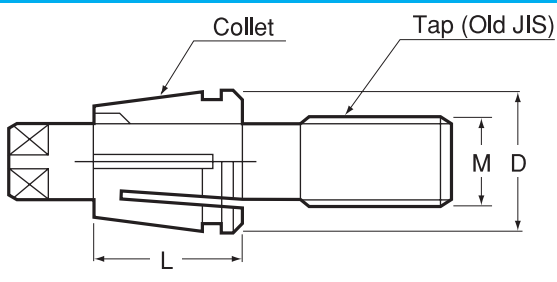
Shank size

Max. tap size

Projection length (L)

Tap size

ESC - collet



Unit : Metric

Code	Model	Holder	D	L	Tap Size
0070 20008 ※※※	ESC 8- ※※	TP0-8	12	18	M1 ~ M2.6
0070 20008 ※※※	ESC 8- ※※	TP0-8	12	18	M3 ~ M8,U1/4 ~ U5/16
0070 20010 ※※※	ESC 10- ※※	TP0-10	15.25	20	M1 ~ M10,U1/4 ~ U3/8
0070 20016 ※※※	ESC 16- ※※	TP0-16	23.88	22.5	M8 ~ M16,U3/8 ~ U5/8, PIPE (PT,PS,PF) 1/8 ~ 1/4
0070 20022 ※※※	ESC 22- ※※	TP0-22	32.5	24.5	M14 ~ M22,U9/16 ~ U7/8, PIPE (PT,PS,PF) 1/4 ~ 3/8

As ESC collet precisely holds tap shank, choose correct size of ESC collet.

Ordering Example
ESC10 - M10J
 Max. tap size Tap size

TPS Preset driver

Code	Model	Holder	Tap Size
2201 08000 ※※※	TPS 8- ※※	TP0-8	M1 ~ M8,U1/4 ~ U5/16
2401 10000 ※※※	TPS 10- ※※	TP0-10	M1 ~ M10,U1/4 ~ U3/8
2401 16000 ※※※	TPS 16- ※※	TP0-16	M8 ~ M16,U3/8 ~ U5/8, PIPE (PT,PS,PF) 1/8 ~ 1/4
2201 22000 ※※※	TPS 22- ※※	TP0-22	M14 ~ M22,U9/16 ~ U7/8, PIPE (PT,PS,PF) 1/4 ~ 3/8

1 pc of preset driver is included in the holder. When using other size of tap, choose correct size of TPS preset driver.

Ordering Example
TPS8 - M6J
 Max. tap size Tap size

Spanner

Code	Model	Holder
Flat 17mm width		TP0-8
0803 00000011	S-1L	TP0-10
0803 00000014	S-4L	TP0-16
0803 00000015	S-5L	TP0-22

- BT
- CAT
- AHO
- HSK-A/E/F/C
- HSK-T
- UTS
- Specialized Machine
- Related Equipment
- Bush & Chamfering Drill
- Milling Chuck
- Collet Holder
- "R" Zero Holder
- Hydraulic Chuck
- Shrink Fit
- Tapping Chuck
- Arbors
- Function Holder
- Turning Tool
- Retention Stud
- Tool Shank Dimensions

Tapping Capacity for TP0

Unit : Metric

Metric thread	Tap Dimension				L6			
	Unified thread	Whitworth thread	Shank dia ϕ	Square size	TP0-8	TP0-10	TP0-16	TP0-22
M2.6 以下			3	2.5	25.5	27.0		
M3 M3.5			4	3.2	26.5	28.0		
M4 M4.5			5	4	27.5	29.0		
M5 M5.5			5.5	4.5	27.5	29.0		
M6	U1/4	W1/4	6	4.5	27.5	29.0		
	U5/16	W5/16	6.1	5	28.5	30.0		
M8 M7			6.2	5	28.5	30.0	33.5	
M10 M9	U3/8	W3/8	7	5.5		30.0	33.5	
M11	U7/16	W7/16	8	6			34.5	
M12			8.5	6.5			34.5	
	U1/2	W1/2	9	7			35.5	
M14 M15	U9/16	W9/16	10.5	8			36.5	39.8
	U5/8	W5/8	12	9			37.5	40.8
M16			12.5	10			38.5	41.8
M17			13	10			38.5	41.8
M18	U3/4	W3/4	14	11				42.8
M20			15	12				43.8
M22	U7/8	W7/8	17	13				44.8

Unit : Metric

PT Pipe Taper Thread	Tap Dimension (Pipe Tap)				L6	
	PS Parallel Screw For Pipe Taper Thread	PF Pipe Fitting parallel screw	Shank dia ϕ	Square size	TP0-16	TP0-22
1/8	1/8	1/8	8	6	34.5	
1/4	1/4	1/4	11	9	※ 37.5	※ 40.8
3/8	3/8	3/8	14	11		※ 42.8

1. For pipe tap with ※ , use a short thread tap.

2. Tap sizes are based on old JIS standard.

3. We recommend you to have ± 1.5 mm leeway in tool layout, as L6 dimension is dispersed in each tap size.