

ARBOR

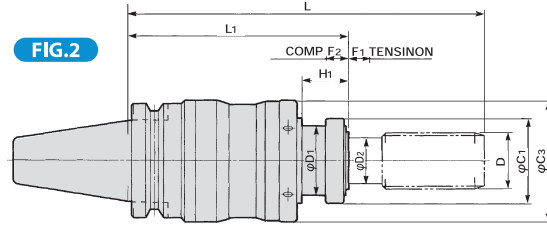
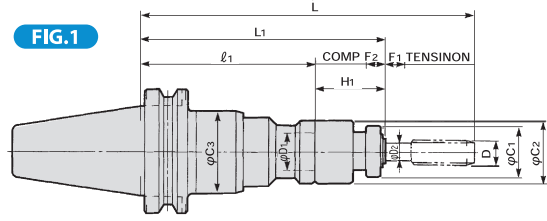
หัวจับ



หัวจับตีเกลียว

TAP HOLDER (Clockwise Rotation)

BT Series
รุ่น BT [BT30, 40, 50]



FEATURES

- Torque limiter collets are available.
- Tapping torque can be adjusted to prevent tap breakage.
- Accurate threads are made with the tension-compression mechanism, compensating pitch error of the machining center.

	Order No.		FIG	ØD1	L1	ℓ1	ØC1	ØC2	ØC3	H1	F1	F2	ØD2	D	Tap Collet code	N/W (kg)		
Hard Chuck	BT40	-TPC20-150	11282	2220002	1	20	150	105	32	40	47	45	15	15	5 ~ 12.5	M4 ~ M14	TCC20-(D)	1.9
	SBT40	-TPC29-195	11284	2220004	1	29	195	140	45	55	63	55	15	15	8.5 ~ 20	M12 ~ M27	TCC29-(D)	2.6
Collet Chuck	BT50	-TPC20-165	13582	2221002	1	20	165	120	32	40	47	45	15	15	5 ~ 12.5	M4 ~ M14	TCC20-(D)	4.3
	SBT50	-TPC29-195	13584	2221004	1	29	195	140	45	55	63	55	15	15	8.5 ~ 20	M12 ~ M27	TCC29-(D)	5.0
Drill Chuck	BT50	-TPC40-225	13586	2221006	1	40	225	150	60	80	85	75	20	20	14 ~ 30	M18 ~ M39	TCC40-(D)	6.2
	SBT50	-TPC60-195	13588	2221008	2	60	195	-	75	-	106	39	20	20	30 ~ 42	M39 ~ M52	TCC60-(D)	8.1

NOTE :

1. TPC20, TPC29 & TPC40 of Fig.1 → Torque is adjusted by tap collet.
2. TPC60 of Fig.2 → Torque is adjusted by holder

ORDERING EXAMPLE

① **BT40** - ② **TPC** ③ **20** - ④ **150**

① Shank Size

② Holder's Name

③ ØD1

④ L1

หัวจับตลับ (Type TCC) TAP COLLETS (TYPE TCC)



FIG.1 With torque control

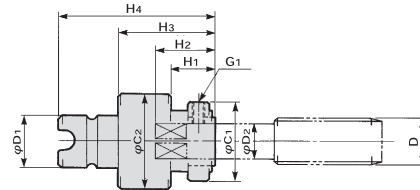
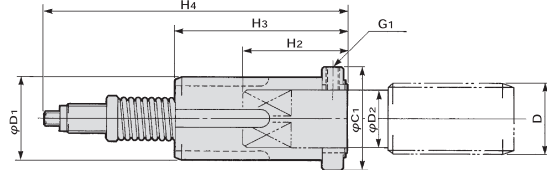


FIG.2 Without torque control



Order No.	FIG	ØD1	D	ØC1	ØD2	H1	H3	H4	G1
TCC20-(D)	1	20	M4 ~ M14	32	40	20	45	73	M6
TCC29-(D)	1	29	M12 ~ M27	45	55	25	55	90	M8
TCC40-(D)	1	40	M18 ~ M39	60	80	40	75	123	M10
TCC60-(D)	2	60	M39 ~ M52	75	-	-	124	219	M10

ORDERING EXAMPLE

① **TCC** ② **20** ③ **M5**

① Holder's Name

② ØD1

③ Tap Size

Order No.	M (JIS B 4430-1972)				UNC (JIS4432-1972)				PF PT (JIS B 4445, 4446-1967)									
	D	D2	H2	L	D	D2	H2	L	D	D2	H2	L						
TCC20-(D)	M4	5	22	195	NO.8U	5	22	195	-	-	-	-						
	M4.5	5		198	-	-	-	-	-	-	-	-	-					
	M5	5.5		203	^{10U} NO.12U	5.5	22	203	-	-	-	-	-					
	M6	6		205	1/4U	6	22	205	-	-	-	-	-					
	-	-	-	-	5/16U	6.1	23	212	-	-	-	-	-					
	M7	6.2	23	207	-	-	-	-	-	-	-	-	-					
	M8	6.2		212	-	-	-	-	-	-	-	-	-					
	M9	7		214	3/8U	7	23	217	-	-	-	-	-					
	M10	7		217	-	-	-	-	-	-	-	-	-					
	M11	8	222	7/16U	8	24	221	PF	1/8	8	24	196	-					
	M12	8.5	24	29	223	248	-	-	-	-	-	-	-					
-	-	-	-	-	-	1/2U	9	25	30	-	-	-	-					
M14	10.5	25	31	228	252	9/16U	10.5	31	230	254	-	-						
-	-	-	-	-	-	5/8U	12	25	32	235	258	-						
M16	12.5	25	33	235	257	-	-	-	-	-	-	-						
TCC29-(D)	M18	14	34	261	291	3/4U	14	34	34	266	296	PF	3/8	14	34	34	226	256
	M20	15		266	295	-	-	-	-	-	276	304	-	-	-	-	-	-
	M22	17	36	276	304	7/8U	17	34	36	-	-	PF	1/2	18	42	241	263	
	-	-	-	-	-	-	-	-	-	-	-	PF	5/8	19	34	43	243	264
	M24	19	34	281	302	-	-	-	-	-	-	-	-	-	-	-	-	-
	M27	20		291	312	1U	20	34	43	286	307	-	-	-	-	-	-	-
TCC40-(D)	-	-	-	-	-	1 1/8U	22	45	315	-	-	PF	3/4	23	45	265	-	
	M30	23	45	315	-	-	-	-	-	323	323	PF	7/8	24	47	268	-	
	-	-	-	-	-	-	-	-	-	-	-	PF	1	26	47	273	-	
	M36	28	49	331	-	-	1 3/8U	26	47	333	333	PF	1 1/8	28	50	275	-	
	M39	30	50	61	340	299	1 1/2U	30	50	335	294	-	-	-	-	-	-	
	TCC60-(D)	M42	32	65	305	-	-	-	-	-	-	-	PF	1 1/4	32	57	243	-
		M45	35	70	305	1 3/4U	35	70	300	-	-	-	-	-	-	-	-	-
		M48	38	72	308	-	-	-	-	-	-	-	PF	1 1/2	38	62	243	-
		-	-	-	-	-	-	2U	40	75	315	-	-	-	-	-	-	-
		M52	42	75	315	-	-	-	-	-	-	-	PF	1 3/4	42	67	243	-

BT Series

รุ่น BT

HKS Series

รุ่น HSK

ST Series

รุ่น ST

Versatile Tool

Cutting Tool

Accessories

Drill Chuck

Milling Chuck

Hard Chuck

Collar Chuck

Drill Chuck

Hy-Dual Chuck

Tap Chuck

Boring Chuck

Side Lock Chuck

Morse Taper Holder

Face Mill Arbor

Shell Mill Arbor

Side Cutter Arbor

Traction Drive Speed Accelerator

Oil-Hole Adapter

Angle Head Holder