

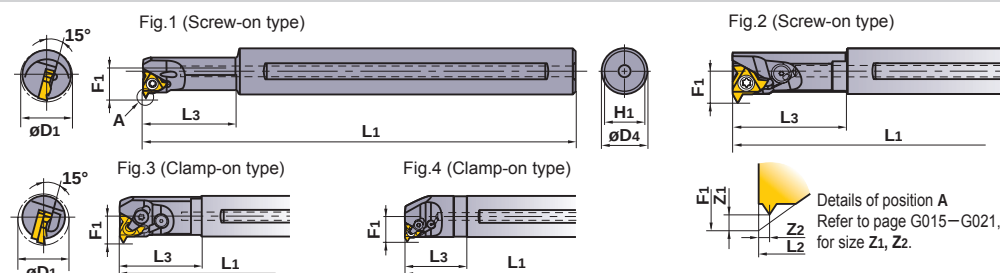
INTERNAL THREADING

MMTI TYPE BORING BARS

- Minimum cutting diameter 13mm.
- Various insert types.
- Precision class insert.
- Available with a wiper cutting edge to provide a precise thread geometry.
- Able to change lead angle by replacing shim.

MMTI

Internal threading



Right hand tool holder only.

Order Number	Stock	Insert Number	Lead Angle	Dimensions (mm)					Min. Cutting Diameter	Clamp Bridge	Clamp Screw	Stop Ring	Shim Screw	Shim	Wrench	Fig
				D4	L1	L3	F1	H1								
MMTIR1316AK11-SP15	●	MMT11IR	1.5°	16	125	25	8.7	15	13	—	TS25	—	—	—	①TKY08F	1
1316AK11-SP25	★		2.5°	16	125	25	8.7	15	13	—	TS25	—	—	—	①TKY08F	1
1316AK11-SP35	★		3.5°	16	125	25	8.7	15	13	—	TS25	—	—	—	①TKY08F	1
1516AM11-SP15	●		1.5°	16	150	32	9.7	15	15	—	TS25	—	—	—	①TKY08F	1
1516AM11-SP25	★		2.5°	16	150	32	9.7	15	15	—	TS25	—	—	—	①TKY08F	1
1516AM11-SP35	★		3.5°	16	150	32	9.7	15	15	—	TS25	—	—	—	①TKY08F	1
MMTIR1916AM16-SP15	●	MMT16IR	1.5°	16	150	40	12.2	15	19	—	CS350860T	—	—	—	①TKY15F	2
1916AM16-SP25	★		2.5°	16	150	40	12.2	15	19	—	CS350860T	—	—	—	①TKY15F	2
1916AM16-SP35	★		3.5°	16	150	40	12.2	15	19	—	CS350860T	—	—	—	①TKY15F	2
2420AQ16-C	●		1.5°	20	180	40	14.2	19	24	SETK51	SETS51	CR4	HFC03006	CTI32TP15	①TKY15F ②HKY20R	3
2925AS16-C	●		1.5°	25	250	60	16.7	23.4	29	SETK51	SETS51	CR4	HFC03006	CTI32TP15	①TKY15F ②HKY20R	3
3732AS16-C	●		1.5°	32	250	48	20.5	30.4	37	SETK51	SETS51	CR4	HFC03006	CTI32TP15	①TKY15F ②HKY20R	4
MMTIR2420AQ22-SP15	●	MMT22IR	1.5°	20	180	50	15.5	19	24	—	TS43	—	—	—	①TKY15F	2
2420AQ22-SP25	★		2.5°	20	180	50	15.5	19	24	—	TS43	—	—	—	①TKY15F	2
2420AQ22-SP35	★		3.5°	20	180	50	15.5	19	24	—	TS43	—	—	—	①TKY15F	2
3025AR22-C	●		1.5°	25	200	38	17.8	23.4	30	SETK61	SETS61	CR5	HFC04008	CTI43TP15	①TKY20F ②HKY25R	4
3832AS22-C	●		1.5°	32	250	48	21.8	30.4	38	SETK61	SETS61	CR5	HFC04008	CTI43TP15	①TKY20F ②HKY25R	4
4640AT22-C	★		1.5°	40	300	60	26.2	38	46	SETK61	SETS61	CR5	HFC04008	CTI43TP15	①TKY20F ②HKY25R	4

(Note) Select and use a shim as shown below (sold separately), dependant on the lead angle.

- A screw-on tool holder uses no shim. (The holder body has a lead angle.) Use a tool holder with the appropriate lead angle.
- Min. cutting diameter shows the internal hole diameter, not the thread diameter.

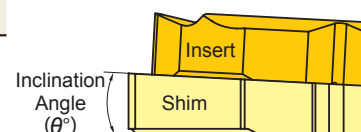
★ Clamp Torque (N · m) : TS25=1.0, CS350860T=3.5, SETS51=3.5, TS43=3.5, SETS61=5.0, HFC03006=1.5, HFC04008=2.2

SHIM

Lead Angle (α°)	Order Number	Stock	Inclination Angle (θ°)	Applicable Holder
-1.5°	CTI32TN15	●	-3°	MMTIR ○○○○ ○○16-C
-0.5°	N05	●	-2°	
0.5°	P05	●	-1°	
1.5°	P15	●	0°	
2.5°	P25	●	1°	
3.5°	P35	●	2°	
4.5°	P45	●	3°	

Lead Angle (α°)	Order Number	Stock	Inclination Angle (θ°)	Applicable Holder
-1.5°	CTI43TN15	●	-3°	MMTIR ○○○○ ○○22-C
-0.5°	N05	●	-2°	
0.5°	P05	●	-1°	
1.5°	P15	●	0°	
2.5°	P25	●	1°	
3.5°	P35	●	2°	
4.5°	P45	●	3°	

Standard shim delivered with the holder.



IDENTIFICATION

Designation	Application	Min. Cutting Diameter (mm)	Shank Diameter (mm)	Shank Material	Tool Length (mm)	Diameter of Inscribed Circle (mm)	Method of Holding	Lead Angle
MMT I R 13 16 A K 11 - S P15	I Internal			A Steel Shank with Coolant Hole	K 125 R 200 M 150 S 250 Q 180 T 300	11 6.35 16 9.525 22 12.7	S Screw-on C Clamp-on	P15 1.5° P25 2.5° P35 3.5°