

INTERNAL GROOVING

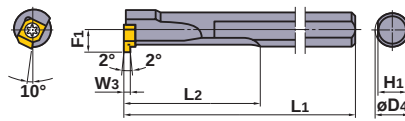
F TYPE

- Min. cutting diameter 10mm.
- Screw-on type.
- Usable for various applications.
- Max. groove depth : 3mm.

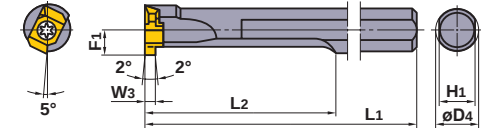
FSL51

Internal grooving, Threading, Boring

1 Corner type (FSL5108R,5110R)



2 Corner type (FSL5112R,5114R,5116R)



Right hand tool holder only.

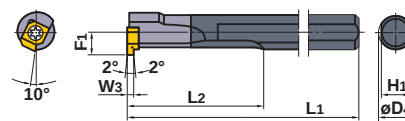
Order Number	Stock	Insert Number				Dimensions (mm)						Min. Cutting Diameter (mm)	Max. Groove Depth (mm)	★	
	R	Grooving		Threading		D4	L1	L2	F1	H1	W3				
FSL5108R	●	MLG	10 $\odot$ L	MLT	1001L	8	125	30	4.8	7	1.2	10	1.0	TS25	TKY08F
5110R	●		10 $\odot$ L		1001L	10	150	40	5.8	9	1.5	12	1.0	TS25	TKY08F
5112R	●	MLG	14 $\odot$ L	MLT	1401L	12	180	50	6.8	10.8	1.5	14	2.0	TS32	TKY08F
5114R	●		14 $\odot$ L		1401L	14	180	60	7.8	12.4	2.0	16	2.0	TS32	TKY08F
5116R	●	MLG	20 $\odot$ L	MLT	2001L	16	200	70	9.7	14	2.0 3.0 4.0	20	3.0	TS43	TKY15F

★ Clamp Torque (N · m) : TS25=1.0, TS32=1.0, TS43=3.5

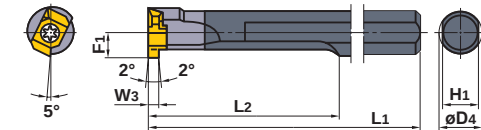
FSL52

(Carbide shank) Internal grooving, Threading

1 Corner type (FSL5208R,5210R)



2 Corner type (FSL5212R,5214R,5216R)



Right hand tool holder only.

Order Number	Stock	Insert Number				Dimensions (mm)						Min. Cutting Diameter (mm)	Max. Groove Depth (mm)		
	R	Grooving		Threading		D4	L1	L2	F1	H1	W3			Clamp Screw	Wrench
FSL5208R	●	MLG	10 $\odot$ L	MLT	1001L	8	125	60	4.8	7	1.2	10	1.0	TS25	TKY08F
5210R	●		10 $\odot$ L		1001L	10	150	70	5.8	9	1.5	12	1.0	TS25	TKY08F
5212R	●	MLG	14 $\odot$ L	MLT	1401L	12	180	80	6.8	10.8	1.5	14	2.0	TS32	TKY08F
5214R	●		14 $\odot$ L		1401L	14	180	85	7.8	12.4	2.0	16	2.0	TS32	TKY08F
5216R	★	MLG	20 $\odot$ L	MLT	2001L	16	200	115	9.7	14	2.0	20	3.0	TS43	TKY15F
											3.0				
											4.0				

★ Clamp Torque (N · m) : TS25=1.0, TS32=1.0, TS43=3.5

● : Inventory maintained. ★ : Inventory maintained in Japan.