

BORING BARS

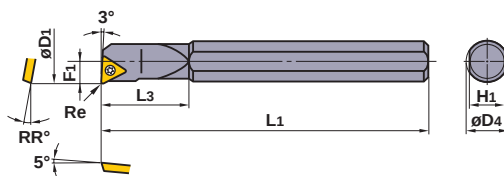
F TYPE BORING BARS

- 11° positive insert and clamp-on type.
- Screw-on type.
- l/d is 3 to 5 times the diameter (up to 7 times with the carbide shank).

FSTU1

TP $\odot$ inserts

Light	Flat Top
R/L  (08,09,11)	 (08,09,11)
PCD	CBN/PCD
R/L-F  (08,09,11)	 (11)



Right hand tool holder shown.

Order Number	Stock		Insert Number	Dimensions (mm)						Min. Cutting Diameter	Standard Corner Radius	 ★		
	R	L		D4	L1	L3	F1	H1	RR°					D1
FSTU108R/L	●	●	TPGX TPMX NP-TPGX NP-TPMX	0802○○	8	125	18	5	7	15	10	0.4	CS200T	TKY06F
110R/L	●	●		0902○○	10	150	22	6	9	13	12	0.4	CS250T	TKY08F
112R/L	●	●		0902○○	12	180	25	8	11	10	16	0.4	CS250T	TKY08F
116R/L	●	●		1103○○	16	200	30	11	14	7	22	0.4	CS300890T	TKY08F

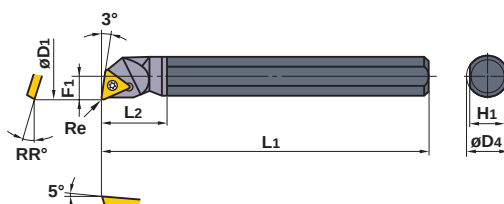
★ Clamp Torque (N • m) : CS200T=0.6, CS250T=1.0, CS300890T=1.0

FSTU2

Carbide shank

TP $\odot$ inserts

Light	Flat Top
R/L  (08,09,11)	 (08,09,11)
PCD	CBN/PCD
R/L-F  (08,09,11)	 (11)



Right hand tool holder shown.

Order Number	Stock		Insert Number	Dimensions (mm)						Min. Cutting Diameter	Standard Corner Radius	 ★		
	R	L		D4	L1	L2	F1	H1	RR°					D1
FSTU208R/L	●	●	TPGX TPMX NP-TPGX NP-TPMX	0802○○	8	125	13	5	7	15	10	0.4	CS200T	TKY06F
210R/L	●	●		0902○○	10	150	16	6	9	13	12	0.4	CS250T	TKY08F
212R/L	●	★		0902○○	12	180	19	8	11	10	16	0.4	CS250T	TKY08F
216R/L	●	★		1103○○	16	200	26	11	14	7	22	0.4	CS300890T	TKY08F

★ Clamp Torque (N • m) : CS200T=0.6, CS250T=1.0, CS300890T=1.0

(Note 1) Insert photo, letters show chip breaker style, figures show insert dimensions.

(Note 2) When using inserts with right or left hand chip breakers, please use left hand inserts for right hand holders and right hand inserts for left hand holders.

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

TP $\odot$ type inserts > A147—A149
CBN & PCD inserts > B040, B054