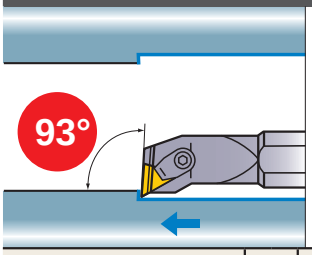
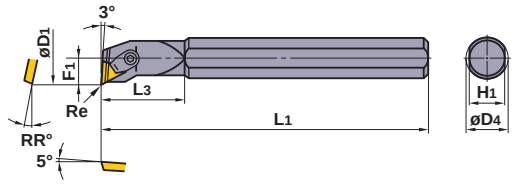
FCTU1

TP○○inserts





Right hand tool holder shown.

M Class	M Class	G Class
		R/L 
(11,16)	(11,16)	(11,16)
G Class	**CBN/PCD**	
		
(11,16)	(11,16)	

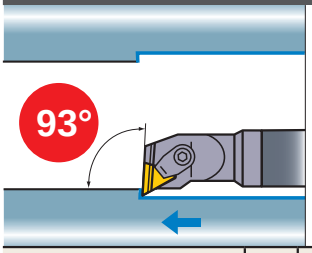
Order Number	Stock		Insert Number		Dimensions (mm)						Min. Cutting Diameter	Standard Corner Radius			 *		
	R	L			D4	L1	L3	F1	H1	RR°	D1	Re	Shim	Shim Pin	Clamp Set	Breaker Piece	Wrench
FCTU116R/L	●	●	TPMN TPMR TPGN TPGR	1103○○	16	200	30	11	14	7	**22**	0.4	—	—	C3	CBT2N	HKY25R
120R/L	●	●		1603○○	20	200	37	13	18	5	**26**	0.8	—	—	C4	CBT3F	HKY30R
125R/L (4 Side Flat Shank)	●	●		1603○○	25	250	40	16	22	5	**32**	0.8	PT32	BCP202	C4	CBT3F	HKY30R
132R/L (4 Side Flat Shank)	●	●		1603○○	32	300	45	20	29	0	**40**	0.8	PT32	BCP201	C4	CBT3F	HKY30R

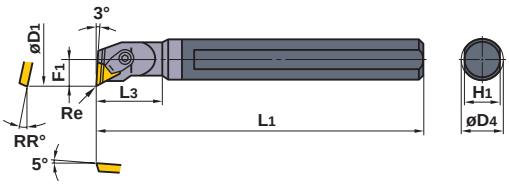
* Clamp Torque (N • m) : C3=2.2, C4=3.3

FCTU2

Carbide shank

TP○○inserts





Right hand tool holder only.

M Class	M Class	G Class
		R/L 
(11,16)	(11,16)	(11,16)
G Class	**CBN/PCD**	
		
(11,16)	(11,16)	

Order Number	Stock	Insert Number		Dimensions (mm)						Min. Cutting Diameter	Standard Corner Radius			 *		
	R			D4	L1	L3	F1	H1	RR°	D1	Re	Shim	Shim Pin	Clamp Set	Breaker Piece	Wrench
FCTU216R	★	TPMN TPMR TPGN TPGR	1103○○	16	200	26	11	14	7	**22**	0.4	—	—	C3	CBT2N	HKY25R
220R	★		1603○○	20	200	33	13	18	5	**26**	0.8	—	—	C4	CBT3F	HKY30R
225R	★		1603○○	25	250	37	16	22	5	**32**	0.8	PT32	BCP202	C4	CBT3F	HKY30R

* Clamp Torque (N • m) : C3=2.2, C4=3.3

RECOMMENDED CUTTING CONDITIONS

Steel Shank			l/d≤3			l/d=3—4 (Shank Diameter≥25mm)		
Carbide Shank			l/d≤5			l/d=6—7		
Work Material	Hardness	Cutting Mode	Cutting Speed (m/min)	Feed (mm/rev)	Depth of Cut (mm)	Cutting Speed (m/min)	Feed (mm/rev)	Depth of Cut (mm)
P Carbon Steel Alloy Steel	180—350HB	Light Cutting	130 (90—160)	0.1 (0.05—0.15)	0.2	120 (80—150)	0.1 (0.05—0.15)	0.2
		Medium Cutting	90 (60—120)	0.25 (0.15—0.35)	—3.0	80 (50—110)	0.15 (0.1—0.2)	—1.5
M Stainless Steel	≤200HB	Light Cutting	140 (100—180)	0.1 (0.05—0.15)	0.2	140 (100—180)	0.1 (0.05—0.15)	0.2
		Medium Cutting	70 (50—90)	0.2 (0.15—0.25)	—2.0	60 (40—80)	0.15 (0.1—0.2)	—1.0
N Aluminium Alloy	—	Light Cutting	300 (200—400)	0.1 (0.05—0.15)	0.2	300 (200—400)	0.1 (0.05—0.15)	0.2
		Medium Cutting	200 (150—250)	0.1 (0.05—0.15)	—2.0	200 (150—250)	0.1 (0.05—0.15)	—1.5

TP○○ type inserts	➤ A163, A164
CBN & PCD inserts	➤ B044, B058
SPARE PARTS	➤ M001
TECHNICAL DATA	➤ N001