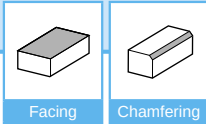
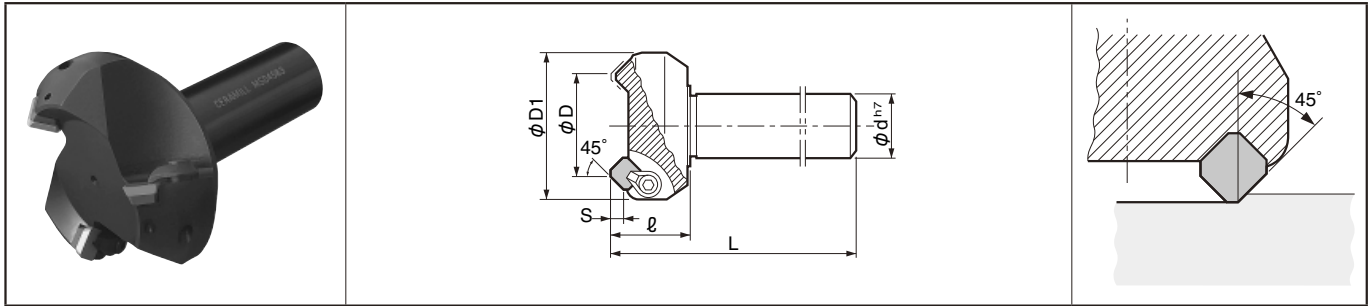


MSD45



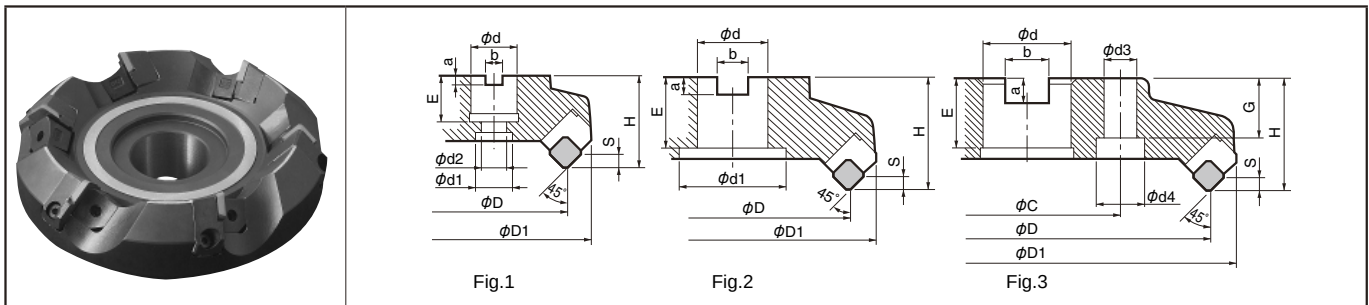
MSD45 Endmill



Toolholder Dimensions

Description	Std.	No. of Insert	Dimension (mm)							Rake Angle (°)		Spare Parts				
			øD	øD1	ød	L	ℓ	S	A.R.	R.R.		Clamp Set	Wrench	Shim	Clamp Screw	
MSD 4550	●	3	50	73												
	●	3	63	87	32	120	40	6.5	+16°	-3°	CPS-6M	LW-3	MSD-42	SP3X8		
	●	4	80	104												

MSD45 Face Mill



Toolholder Dimensions

Description		Std.	No. of Insert	Dimension (mm)													Rake Angle (°)		Drawing	Weight (kg)	
				øD	øD1	ød	ød1	ød2	ød3	ød4	øC	H	E	G	a	b	S	A.R.			R.R.
MSD	4580R	○	4	80	106	25.40	20	14				50	26		6	9.5				Fig.1	1.9
	45100R	○	5	100	126	31.75	48						32		8	12.7					2.9
	45125R	○	6	125	151	38.10	58		-	-	-				10	15.9	6.5	+15°	-3°	Fig.2	4.1
	45160R	○	8	160	186	50.80	68						38		11	19.0					6.1
	45200R	○	10	200	226	47.625	-		18	26	101.6			38	14	25.4				Fig.3	9.3

Spare Parts

Description	① Cartridge	② Clamp Screw	③ Clamp	④ Clamp Screw	Wrench
MSD 45...R	LSD-445R	HH4X16	C20R	TH8X15	TH-4

• Mounting bolt(HH12X30) is included for MSD4580R

Applicable Inserts

Toolholder	Applicable Inserts ➡ M10			Applicable Inserts ➡ M21
MSD 45...	SDMR 1203AUER-H	SDKR 1203AUEN-S	SDCN 1203AUTN SDKN 1203AUTN 1203AUFN	SDKN 1203AUFN 1203AUFN-NE (PCD)

For recommended cutting conditions, see page ➡ M141

● : Std. Item ○ : Check Availability R : Std. Item (R-hand Only) L : Std. Item (L-hand Only)