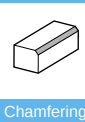


MSE45-SF



Facing



Chamfering

MSE45-SF Face Mill (Adjustable insert height)

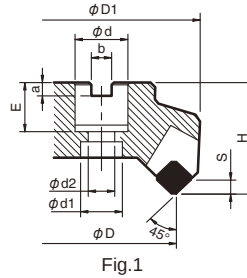


Fig.1

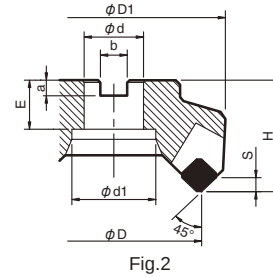


Fig.2

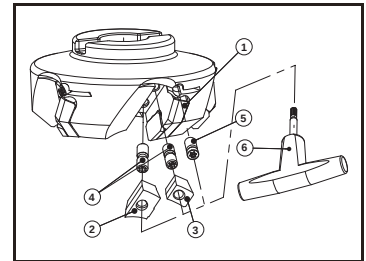
Toolholder Dimensions

Description		Std.	No. of Insert	Dimension (mm)										Rake Angle (°)		Drawing	Weight (kg)
				øD	øD1	ød	ød1	ød2	H	E	a	b	S	A.R.	R.R.		
Metric	MSE 45063R-4T-M-SF	●	4	63	85	22	17	11	50	21	6.3	10.4	6	+20°	-10°	Fig1	1.2
	45080R-5T-M-SF	●	5	80	101	27	38	24		7	12.4	-8.5°			1.5		
	45100R-6T-M-SF	●	6	100	119	32	45	-		32	8	14.4			-7.5°	2.2	
	45125R-7T-M-SF	●	7	125	143	40	55	63	30	9	16.4	-6.5°			4.0		
Bore Dia. Inch spec	MSE 45080R-5T-SF	○	5	80	101	25.4	38	-	50	26	6	9.5	6	+20°	-8.5°	Fig2	1.5
	45100R-6T-SF	○	6	100	119	31.75	45		50	32	8	12.7			-7.5°		2.2
	45125R-7T-SF	○	7	125	143	38.1	55		63	38	10	15.9			-6.5°		4.0

Spare Parts

Description	① Cartridge	② Clamp	③ Clamp	④ Clamp Screw	⑤ Adjustment Screw	⑥ Wrench
MSE 45063R-4T-M-SF	LSE-445SR	C43R	C44R	W6X17	SV-60136TR	TTC-20
MSE 45080R-5T-SF		(for Insert)	(for Cartridge)			

• Mounting bolt(HH10X30S) is included for MSE45063R-4T-M-SF.



Applicable Inserts

Description	Applicable Inserts M10				Applicable Inserts M21	
MSE45...-SF	SEMR 1203AFER-H	SEKR 1203AFEN-S	SEEN 1203AFTN SEKN 1203AFTN 1203AFFN	SEEN 1203AFFR-W 1203AFFR-W	SEEN 1203AFFN 1203AFFN-NE (PCD)	SEEN 1203AFFR-W (PCD)

Recommended Cutting Conditions

Workpiece Material	fz (mm/t)	Recommended Insert Grade (Cutting Speed Vc : m/min)												
		Cermet			PVD Coated Carbide						Carbide		PCD	
		TN60	TN100M	TC60	PR630	PR730	PR830	PR660	PR1025	PR905	PW30	KW10	KPD001	KPD010
Stainless Steel	~0.25		☆ 120~200	☆ 120~200	☆ 120~200	☆ 120~200	☆ 120~200	☆ 100~200	★ 100~200		☆ 80~120			
Carbon Steel	~0.30	☆ 150~220	★ 120~200	☆ 120~200	☆ 120~200	☆ 120~200	★ 120~200	☆ 100~180	☆ 100~180		☆ 80~150			
Alloy Steel	~0.30	☆ 120~200	★ 100~180	☆ 100~180	☆ 100~180	☆ 100~180	★ 100~180	☆ 80~150			☆ 80~150			
Mold Steel	~0.25	☆ 120~200	★ 100~180	☆ 80~150	☆ 80~150	☆ 80~150	★ 80~150	☆ 60~130			☆ 80~150			
Cast Iron	~0.30									★ 100~200		☆ 80~150		
Non-ferrous Metals	~0.20											★ 100~300	★ 300~800	☆ 300~800

★ : 1st Recommendation ☆ : 2nd Recommendation

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

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