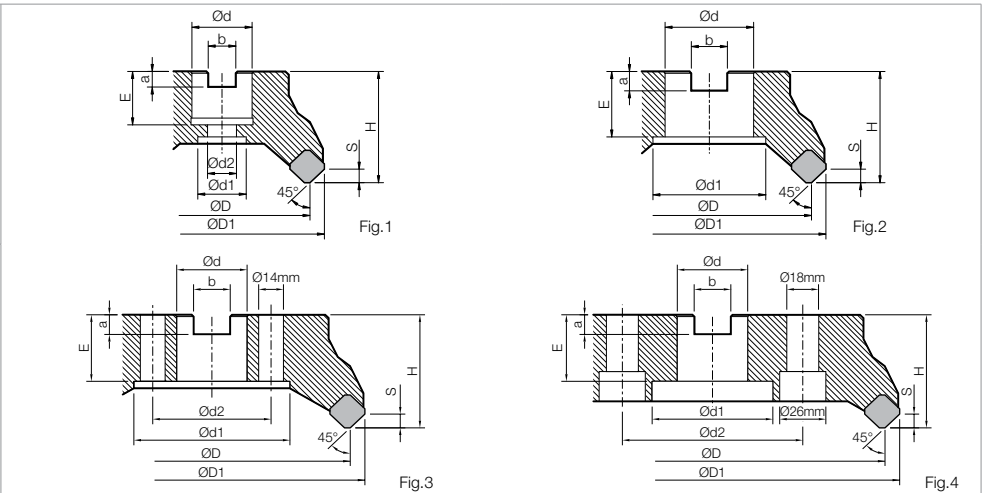
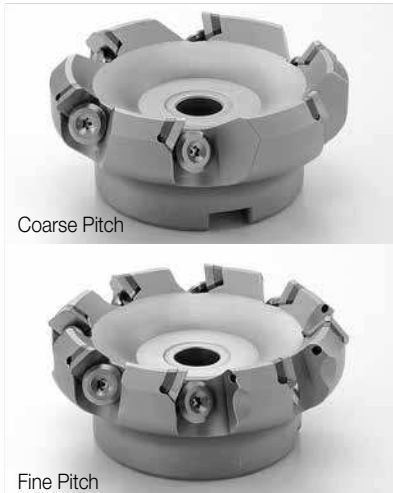


MSE45 Face Mill (Coarse Pitch / Fine Pitch)

C
45° / 70° LEAD

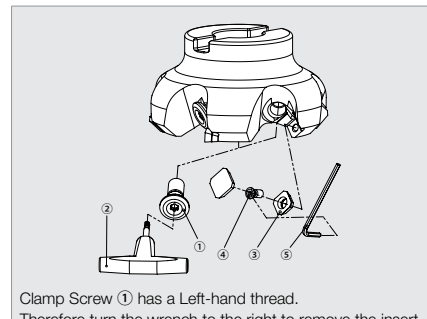


Toolholder Dimensions

Part Number	Stock	No. of Inserts	Dimensions (mm)										Rake Angle (°)		Drawing	Weight (kg)
			ØD	ØD1	Ød	Ød1	Ød2	H	E	a	b	s	A.R.	R.R.		
Inch Bore Dia.	Coarse Pitch	MSE 45080R-6T	80	93	1.000"	20	13.0	50	1.024"	0.236"	0.375"	6	+20°	-8.5°	Fig.1	1.1
		MSE 45100R-6T	100	113	1.250"	46	-	50	1.260"	0.315"	0.500"	6	+20°	-7.5°	Fig.2	1.8
		MSE 45125R-7T	125	138	1.500"	55	-	63	1.496"	0.394"	0.625"	6	+20°	-6.5°	Fig.2	3.4
		MSE 45160R-8T	160	173	2.000"	88	-	63	1.496"	0.433"	0.750"	6	+20°	-5.5°	Fig.2	5.2
		MSE 45200R-10T	200	213	1.875"	68	101.6	63	1.496"	0.551"	1.000"	6	+20°	-5.0°	Fig.4	8.6
	Fine Pitch	MSE 45080R-7T	80	93	1.000"	20	13.0	50	1.024"	0.236"	0.375"	6	+20°	-8.5°	Fig.1	1.1
		MSE 45100R-8T	100	113	1.250"	46	-	50	1.260"	0.315"	0.500"	6	+20°	-7.5°	Fig.2	1.7
		MSE 45125R-9T	125	138	1.500"	55	-	63	1.496"	0.394"	0.625"	6	+20°	-6.5°	Fig.2	3.3
		MSE 45160R-10T	160	173	2.000"	88	-	63	1.496"	0.433"	0.750"	6	+20°	-5.5°	Fig.2	5.1
		MSE 45200R-13T	200	213	1.875"	68	101.6	63	1.496"	0.551"	1.000"	6	+20°	-5.0°	Fig.4	7.4
Metric Bore Dia.	Coarse Pitch	MSE 45040R-3T-M	40	53	16	11.5	8.5	45	20	5.6	8.4	6	+20°	-5.0°	Fig.1	0.4
		MSE 45050R-4T-M	50	63	22	17.0	11.0	48	21	6.3	10.4	6	+20°	-5.0°	Fig.1	0.5
		MSE 45063R-5T-M	63	76	22	17.0	11.0	40	21	6.3	10.4	6	+20°	-10.0°	Fig.1	0.6
		MSE 45080R-6T-M	80	93	27	20.0	13.0	50	24	7.0	12.4	6	+20°	-8.5°	Fig.1	1.1
		MSE 45100R-6T-M	100	113	32	46.0	-	50	32	8.0	14.4	6	+20°	-7.5°	Fig.2	1.8
	Fine Pitch	MSE 45125R-7T-M	125	138	40	55.0	-	63	33	9.0	16.4	6	+20°	-6.5°	Fig.2	3.4
		MSE 45160R-8T-M	160	173	40	88.0	66.7	63	30	9.0	16.4	6	+20°	-5.5°	Fig.3	5.2
		MSE 45200R-10T-M	200	213	60	68.0	101.6	63	32	14.0	25.7	6	+20°	-5.0°	Fig.4	8.6
		MSE 45040R-4T-M	40	53	16	11.5	8.5	45	20	5.6	8.4	6	+20°	-5.0°	Fig.1	0.4
		MSE 45050R-5T-M	50	63	22	17.0	11.0	48	21	6.3	10.4	6	+20°	-5.0°	Fig.1	0.5
MSE 45063R-6T-M	63	76	22	17.0	11.0	40	21	6.3	10.4	6	+20°	-10.0°	Fig.1	0.6		
MSE 45080R-7T-M	80	93	27	20.0	13.0	50	24	7.0	12.4	6	+20°	-8.5°	Fig.1	1.1		
MSE 45100R-8T-M	100	113	32	46.0	-	50	32	8.0	14.4	6	+20°	-7.5°	Fig.2	1.7		
MSE 45125R-9T-M	125	138	40	55.0	-	63	33	9.0	16.4	6	+20°	-6.5°	Fig.2	3.3		
MSE 45160R-10T-M	160	173	40	88.0	66.7	63	30	9.0	16.4	6	+20°	-5.5°	Fig.3	5.1		
MSE 45200R-13T-M	200	213	60	68.0	101.6	63	32	14.0	25.7	6	+20°	-5.0°	Fig.4	7.4		

Spare Parts

Part Number	Spare Parts				
	① Clamp Screw	② Wrench	③ Shim	④ Shim Clamp Screw	⑤ Wrench
MSE 45040R-OT-M 45050R-OT-M	CP8X15TL (Left-hand screw)	TTC-25	MSE-4245S	SP4X9	LW-2 (for Shim Clamp Screw)
MSE 45080R-OT 45200R-OT	CP8X23TL (Left-hand screw)				
MSE 45063R-OT-M 45200R-OT-M					



- Arbor Bolt (SP8X35) is included for MSE45040R-OT-M.
- Arbor Bolt (HH10X30S) is included for MSE45050R-OT-M and MSE45063R-OT-M.
- Arbor Bolt (HH12X35M) is included for MSE45080R-OT-M and MSE45080R-OT.

Recommended Cutting Conditions **C19**