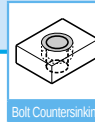
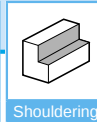


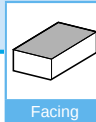
MEF Bolt Countersink Endmill



Bolt Countersinking

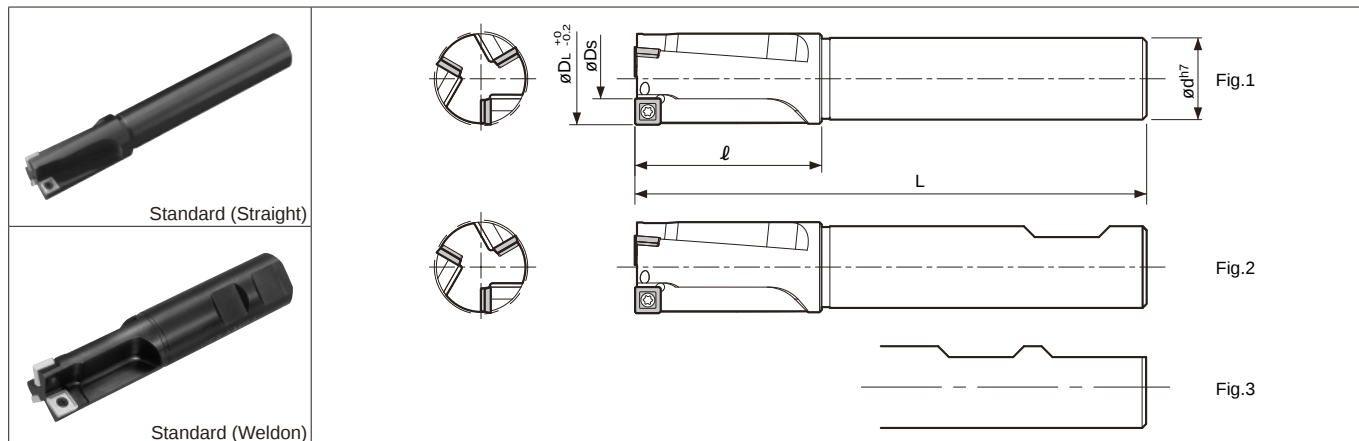


Shouldering



Facing

MEF



Toolholder Dimensions

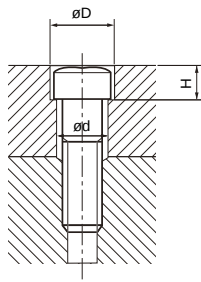
Description		Std.	No. of Insert	Dimension (mm)						Std. Corner-R(ℓ)	Rake Angle (°)		Drawing	Objective Bolt Size	Spare Parts		Applicable Inserts ➡ M15
				øDL	øDs	ød	L	ℓ	A.R.		R.R.	Clamp Screw			Wrench		
																	
Cylindrical	MEF	11-S10	●	1	11	3.0	10	103	23	0.4	-13°	Fig.1	M6	SB-2250TR	DT-7	SPMT060204E-Z 060208E-Z	
		14-S12	●	1	14	4.5	12	108	28				M8				
		17-S16	●	2	17.5	7.3	16	115	35				M10				
		18-S16	●		18	7.7		117	38				-				
		20-S16	●	20	9.5	120	0.4	M12									
		22-S20	●	20	22	11.4	124	44	-								
		23-S20	●		23	12.4	126	46	M14								
		24-S20	●		24	13.4	128	48	-								
		25-S20	●		25	130	50	-									
		25-S25	●	130		50	-										
		26-S25	●	3	26	9.8	132	52	M16								
		27-S25	●		27	10.6	134	54	-								
		28-S25	●		28	11.5	136	56	-								
		29-S25	●		29	12.6	138	58	M18								
		30-S25	●	30	13.5	140	60	-									
		32-S25	●	32	15.5	144	64	M20									
35-S32	●	35	18.4	150	70	M22											
39-S32	●	39	22.5	158	78	M24											
43-S32	●	4	43	26.2	166	86	M27										
48-S32	●		48	31.3	176	96	M30										
Weldon	MEF	15-S12-80W	●	1	15	4.6	12	80	30	0.8	-13°	Fig.2	M8	SB-2260TR	DT-7	SPMT060204E-Z 060208E-Z	
		18-S16-90W	●	2	18	7.5	16	90	36		M10						
		20-S16-90W	●	20	8.3	40		M12									
		26-S25-120W	●	3	26	9.8	25	120	52		M16						
		33-S25-140W	●		33	16.5		140	66		M20						
		40-S32-160W	●	4	40	23.3	32	160	80		M24						

- Before machining, the workpiece must have a hole with diameter larger than ϕDS .
- Although Corner R(ϵ) pertains to MEF11-S10, $\phi DS=3.0\text{mm}$.

Applicable Inserts

Insert	Description
	SPMT 060204E-Z
	060208E-Z
	SPMT 090304E-Z
	090308E-Z

Bolt Counter Sink (Hexagon Socket Head Cap Screw)



Nominal Screw Size	M6	M8	M10	M12	M14	M16	M18	M20	M22	M24	M27	M30
ϕD (mm)	11	14	17.5	20	23	26	29	32	35	39	43	48
H (mm)	6.5	8.6	10.8	13	15.2	17.5	19.5	21.5	23.5	25.5	29	32
ϕd (mm)	6.6	9	11	14	16	18	20	22	24	25	30	33
Applicable Endmill	MEF11	MEF14	MEF17	MEF20	MEF23	MEF26	MEF29	MEF32	MEF35	MEF39	MEF43	MEF48

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