

Parameters of Metric Ensat Self-tapping Thread Inserts

Type 302 (Slotted Type)	Length (mm)	External Thread	Drill Diameter(mm)			Drill Depth(mm)
			Plastic	Aluminum	Cast-iron	
M2-0.4	6	M4.5-0.5	4.0-4.1	4.1-4.2	4.2-4.3	8
M2.5-0.45	6	M4.5-0.5	4.0-4.1	4.1-4.2	4.2-4.3	8
M3-0.5	6	M5-0.5	4.5-4.6	4.6-4.7	4.7-4.8	8
M3.5-0.6	8	M6-0.75	5.3-5.4	5.5-5.6	5.6-5.7	10
M4-0.7	8	M6.5-0.75	5.8-5.9	6.0-6.1	6.1-6.2	10
M5-0.8	10	M8-1.0	7.1-7.2	7.3-7.5	7.5-7.6	13
M6-1.0	12	M9-1.0	8.1-8.2	8.3-8.5	8.5-8.6	15
M6-1.0	14	M10-1.5	9.0-9.2	9.2-9.3	9.3-9.4	17
M8-1.25	15	M12-1.5	10.8-11.0	11-11.2	11.2-11.4	18
M10-1.5	18	M14-1.5	12.8-13.0	13.0-13.3	13.2-13.4	22
M12-1.75	22	M16-1.5	14.8-15.0	15.0-15.3	15.2-15.4	26
M14-2.0	24	M18-1.5	16.8-17.0	17.0-17.3	17.2-17.4	28
M16-2.0	22	M20-1.5	18.8-19.0	19.0-19.3	19.2-19.4	27
M18-2.5	24	M22-1.5	20.8-21.0	21.0-21.3	21.2-21.4	29
M20-2.5	27	M26-1.5	24.8-25.0	25.0-25.3	25.2-25.4	32
M22-2.5	30	M26-1.5	24.8-25.0	25.0-25.3	25.2-25.4	36
M24-3.0	30	M30-1.5	28.8-29.0	29.0-29.3	29.2-29.4	36
M27-3.0	30	M34-1.5	32.8-33.0	33.0-33.2	33.2-33.4	36
M30-3.5	40	M36-1.5	34.8-35.0	35.0-35.2	35.2-35.4	46

Type 307 (Perforated Type)	Length (mm)	External Thread	Drill Diameter(mm)		Drill Depth(mm)
			Aluminum	Cast-iron	
M3-0.5	4	M5-0.6	4.6-4.7	4.7-4.8	6
M4-0.7	6	M6.5-0.8	6.0-6.1	6.1-6.2	8
M5-0.8	7	M8-1.0	7.4-7.5	7.6-7.7	9
M6-1.0	8	M10-1.25	9.3-9.4	9.5-9.6	10
M8-1.25	9	M12-1.5	11.1-11.3	11.3-11.5	11
M10-1.5	10	M14-1.5	13.1-13.3	13.3-13.5	13
M12-1.75	12	M16-1.75	15.0-15.3	15.3-15.5	15
M14-2.0	14	M18-2.0	17.0-17.2	17.3-17.5	17
M16-2.0	14	M20-2.0	19.0-19.2	19.3-19.5	17

Type 308 (Perforated Type)	Length (mm)	External Thread	Drill Diameter(mm)		Drill Depth(mm)
			Aluminum	Cast-iron	
M3-0.5	6	M5-0.6	4.6-4.7	4.7-4.8	8
M4-0.7	8	M6.5-0.8	6.0-6.1	6.1-6.2	10
M5-0.8	10	M8-1.0	7.4-7.5	7.6-7.7	13
M6-1.0	12	M10-1.25	9.3-9.4	9.5-9.6	15
M8-1.25	14	M12-1.5	11.1-11.3	11.3-11.5	17
M10-1.5	18	M14-1.5	13.1-13.3	13.3-13.5	22
M12-1.75	22	M16-1.75	15.0-15.3	15.3-15.5	26
M14-2.0	24	M18-2.0	17.0-17.2	17.3-17.5	28
M16-2.0	24	M20-2.0	19.0-19.2	19.3-19.5	28