

THREADING

MMT G-CLASS GROUND INSERTS

EXTERNAL

Type	Thread Tolerance	Order Number	Coated		Pitch		Dimensions (mm)					Total Cutting Depth (mm)	Geometry
			VP10MF	VP15TF			D1	S1	Z1	Z2	Re		
					mm	thread/inch							
Partial Profile 60°	—	MMT16ERA60	●	●	0.5—1.5	48—16	9.525	3.44	0.8	0.9	0.05	—	
		16ERG60	●	●	1.75—3.0	14—8	9.525	3.44	1.2	1.7	0.27	—	
		16ERAG60	●		0.5—3.0	48—8	9.525	3.44	1.2	1.7	0.08	—	
		22ERN60	●		3.5—5.0	7—5	12.7	4.64	1.7	2.5	0.53	—	
Partial Profile 55°	—	MMT16ERA55	●	●		48—16	9.525	3.44	0.8	0.9	0.05	—	
		16ERG55	●	●		14—8	9.525	3.44	1.2	1.7	0.21	—	
		16ERAG55	●			48—8	9.525	3.44	1.2	1.7	0.07	—	
		22ERN55	●			7—5	12.7	4.64	1.7	2.5	0.44	—	
ISO Metric	6g	MMT16ER050ISO	●		0.5		9.525	3.44	0.6	0.4	0.06	0.31	
		16ER075ISO	●		0.75		9.525	3.44	0.6	0.6	0.10	0.46	
		16ER100ISO	●	●	1.0		9.525	3.44	0.7	0.7	0.16	0.61	
		16ER125ISO	●	●	1.25		9.525	3.44	0.8	0.9	0.19	0.77	
		16ER150ISO	●	●	1.5		9.525	3.44	0.8	1.0	0.23	0.92	
		16ER175ISO	●	●	1.75		9.525	3.44	0.9	1.2	0.21	1.07	
		16ER200ISO	●	●	2.0		9.525	3.44	1.0	1.3	0.31	1.23	
		16ER250ISO	●	●	2.5		9.525	3.44	1.1	1.5	0.32	1.53	
		16ER300ISO	●	●	3.0		9.525	3.44	1.2	1.6	0.46	1.84	
		22ER350ISO	●		3.5		12.7	4.64	1.6	2.3	0.45	2.15	
		22ER400ISO	●		4.0		12.7	4.64	1.6	2.3	0.52	2.45	
		22ER450ISO	●		4.5		12.7	4.64	1.7	2.4	0.58	2.76	
		22ER500ISO	●		5.0		12.7	4.64	1.7	2.5	0.63	3.07	

IDENTIFICATION

MMT	16	E	R	050	ISO
Designation					
Diameter of Inscribed Circle (mm)		Application	Hand of Tool	Pitch	Threading Type
11 6.35	E External	R Right	050 0.5mm	A 0.5—1.5mm or 48—16 thread/inch	60 Partial Profile 60°
16 9.525	I Internal		075 0.75mm	G 1.75—3.0mm or 14—8 thread/inch	55 Partial Profile 55°
22 12.7			100 1.0mm	AG 0.5—3.0mm or 48—8 thread/inch	ISO ISO Metric
			125 1.25mm	N 3.5—5.0mm or 7—5 thread/inch	W Whitworth for BSW, BSP
			150 1.5mm		BSPT BSPT
			175 1.75mm		UN American UN
			200 2.0mm		RD Round DIN 405
			250 2.5mm		TR ISO Trapezoidal 30°
			300 3.0mm		ACME American ACME
			350 3.5mm		UNJ UNJ
			400 4.0mm		APBU API Buttress Casing
			450 4.5mm		APRD API Round Casing & Tubing
			500 5.0mm		NPT NPT
					NPTF NPTF

● : Inventory maintained.