



Product Name	Stainless Steel Earth Rod
Product Code	ER-SS
Application	Grounding/Earthing And Lightning Protection
Applicable Standards	IEC/BS EN 62561 BS 7430

Product Information					
Stainless Steel Grade	304			316	
Tensile Strength (Mpa)	500-700				
Elongation (%)	45 min			40 min	
Elec. Resistance(Ω.m)	0.74x10 ⁻⁶				
304 Chem. Comp			316 Chem. Comp.		
C	Mn	Si	C	Mn	Si
<0.07	<2.00	<1.00	<0.04	<1.00	<0.5
P	S	Cr	P	S	Cr
<0.05	<0.03	17.5-19.5	<0.023	<0.015	16.5-18.5
Ni	Fe	N	Ni	Fe	N
8.0-10.5	Balance	<0.11	10.0-13.0	Balance	<0.05
Grade 316 has an addition of Molybdenum that gives it improved corrosion resistance.					
Thread Method	Internal/ External Threads *				
Dimensions					
Thread	Diameter		Length (mm)		≈ (In)
M12	16mm		500 mm		20
M12	16mm		1000 mm		40
M12	16mm		1200 mm		47
M12	16mm		1500 mm		60
M12	16mm		2000 mm		78
M12	16mm		2400 mm		96
M12	16mm		3000 mm		120
M12	20mm		500 mm		20
M12	20mm		1000 mm		40
M12	20mm		1200 mm		47
M12	20mm		1500 mm		60
M12	20mm		2000 mm		78
M12	20mm		2400 mm		96
M12	20mm		3000 mm		120
Notes*					
Due to high mechanical strength of Stainless steel Coupling dowels are not required and rods can be machine threaded in a way they couple together.					
List Of Accessories:	Driving Stud (DS) – Driving Head (DH) – Coupling (CO) – Wire to Rod Clamp (RWC) – UClamp(UC) – Earth Inspection Pit (EIP) -				


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