


PRESSURE PERFORMANCE SERIES MB

Series MB 600 mm	Base material of the installation						
	① ETG-100 / 44SMn28 AISI 1144	② C15Pb 1.0403	③ EN-GJL-250 EN 1561	④ EN-GJS-500-7 EN 1563	⑤ AlCu4Mg1 EN AW-2024-T3	⑥ AlMgSiPb EN AW-6012-T6	⑦ G-AlSi7Mg EN AC-42100
Ø 3 – 10	1.400 bar / 20.300 psi 450 bar / 6.500 psi					1.200 bar / 17.400 psi 380 bar / 5.500 psi	
Ø 12 – 14	1.000 bar / 14.500 psi 350 bar / 5.100 psi					900 bar / 13.000 psi 280 bar / 4.100 psi	
Hole tolerance	0/+0,1 mm						
Hole roughness	R _z 10 – 30 µm		Anchorage in base metal				

Series MB 600 Inch	Base material of the installation						
	① ETG-100 / 44SMn28 AISI 1144	② C15Pb 1.0403	③ EN-GJL-250 EN 1561	④ EN-GJS-500-7 EN 1563	⑤ AlCu4Mg1 EN AW-2024-T3	⑥ AlMgSiPb EN AW-6012-T6	⑦ G-AlSi7Mg EN AC-42100
Ø 0,093 – 0,281	1.400 bar / 20.300 psi 450 bar / 6.500 psi					1.200 bar / 17.400 psi 380 bar / 5.500 psi	
Hole tolerance	Ø 0,093 0/+0,002 Inch from Ø 0,125 0/+0,004 Inch						
Hole roughness	R _z 10 – 30 µm		Anchorage in base metal				

Series MB 700 mm	Base material of the installation						
	① ETG-100 / 44SMn28 AISI 1144	② C15Pb 1.0403	③ EN-GJL-250 EN 1561	④ EN-GJS-500-7 EN 1563	⑤ AlCu4Mg1 EN AW-2024-T3	⑥ AlMgSiPb EN AW-6012-T6	⑦ G-AlSi7Mg EN AC-42100
Ø 3 – 10	1.400 bar / 20.300 psi 450 bar / 6.500 psi					1.200 bar / 17.400 psi 380 bar / 5.500 psi	
Ø 12 – 22	1.150 bar / 16.700 psi 350 bar / 5.100 psi					900 bar / 13.000 psi 280 bar / 4.100 psi	
Hole tolerance	0/+0,1 mm						
Hole roughness	R _z 10 – 30 µm		Anchorage in base metal				

Series MB 850 mm	Base material of the installation						
	① ETG-100 / 44SMn28 AISI 1144	② C15Pb 1.0403	③ EN-GJL-250 EN 1561	④ EN-GJS-500-7 EN 1563	⑤ AlCu4Mg1 EN AW-2024-T3	⑥ AlMgSiPb EN AW-6012-T6	⑦ G-AlSi7Mg EN AC-42100
Ø 3 – 10	1.100 bar / 16.000 psi 350 bar / 5.100 psi					1.000 bar / 14.500 psi 320 bar / 4.600 psi	
Ø 12 – 22	900 bar / 13.000 psi 280 bar / 4.100 psi					800 bar / 11.600 psi 250 bar / 3.600 psi	
Hole tolerance	0/+0,1 mm						
Hole roughness	R _z 10 – 30 µm			Anchorage in base metal			

Proof Pressure Test 

Max. allowable Working Pressure = Nominal Pressure