

Pressure Performance

Series HK 55		Base material of the Installation						
		① ETG-100	② C15Pb	③ GG-25	④ GGG-50	⑤ AlCuMg2	⑥ AlMgSiPb	⑦ G-AlSi7Mg
ø 3 - 10		1'200 bar / 17'400 psi 350 bar / 5'100 psi				500 bar / 7'200 psi 160 bar / 2'300 psi		
hole	Tolerance	0 / +0.1 mm						
	Roughness	R _z 10 - 30µm				roughness anchoring not effective anchorage in base metal not possible		

If HK 55 plugs are used to keep channels separated, allowable working pressure on the insertion side is reduced by 50%.

Series HK 11		Base material of the Installation						
		① ETG-100	② C15Pb	③ GG-25	④ GGG-50	⑤ AlCuMg2	⑥ AlMgSiPb	⑦ G-AlSi7Mg
ø 12		1'200 bar / 17'400 psi 350 bar / 5'100 psi				500 bar / 7'200 psi 160 bar / 2'300 psi		
hole	Tolerance	0 / +0.05 mm						
	Roughness	R _z 10 - 30µm				roughness anchoring not effective anchorage in base metal not possible		

Proof Pressure Test (B)

Max. Allowable Working Pressure = Nominal Pressure