

Material

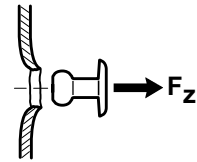
Sleeve:
AlMg5
Mandrel:
AlCuMg1

Size

Shank:
Ø 7,8 mm
Mandrel:
Ø 4,4 mm
Flansh:
Ø 15,7 mm

RV6603

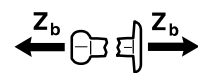
Pull-out load F_Z (N)



Part II (Subconstruction)

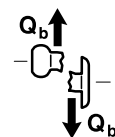
Material	Thickness (mm)	\bar{x}	s	Pre drill Ø mm
Alu	0,7	2300	-	7,90
St37 (375 N/mm ²)	0,55	3120	-	7,90

Tensile breaking load Z_b (N)



$$\bar{x} = 5000$$

Shear breaking load Q_b (N)



$$\bar{x} = 6800$$

\bar{x} = arithmetical mean value
s = standard deviation

All stated values are \bar{x} values, representing the arithmetical mean value from laboratory testing concluded up to now, appropriate safety margins should be applied for field conditions. Consult also your country's approval documents.