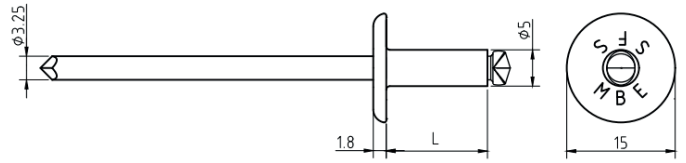
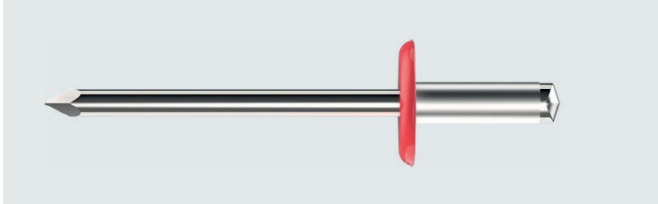


Technical Values

MBE-FN-A4-5xL K15



Specification MBE-FN-A4-5xL K15

Rivet body: Stainless steel A4
 Material number: 1.4578, AISI 316
 Mandrel: Stainless steel A4
 Material number: 1.4541 AISI 316 Ti

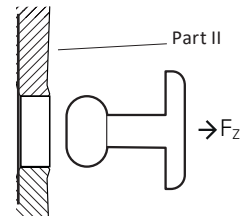
Predrilling instructions

Ø predrill = 5.1 mm
 Finish: blank or coloured
 Ø rivet body = 5 mm
 Head diameter D = 15 mm

Clamping range

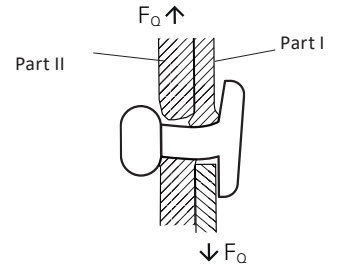
L	14	18	22	27
CR	4.0 - 9,0	8.0 - 13.0	12.0 - 17.0	17.0 - 22.0

Pull-out load F_z



Part II			Test results (N)		
Material		t_{II}	\bar{x}	R_k	s
Steel S320GD	390 N/mm ²	1.00	1428	1189	54
Steel S320GD	390 N/mm ²	1.25	2296	1973	83
Steel S320GD	390 N/mm ²	1.50	3133	2538	79
Steel S235	390 N/mm ²	2.00	4774	3818	197

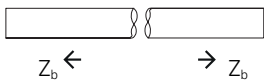
Remarks: Figures obtained with displacement of 3 mm between Part I and Part II



Shear load F_Q

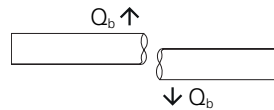
Part II Material		tII	Part I Material		tI	Test results (N)		
						\bar{x}	R_k	s
Steel S320GD	390 N/mm ²	1.00	Steel S235	360 N/mm ²	8.00	4924	3648	73
Steel S320GD	390 N/mm ²	1.50				5197	3917	228
Steel S235	360 N/mm ²	2.00				4922	4140	103

Tensile breaking load Z_b
EN ISO 14589



$Z_b \geq 6500$ N

Shear breaking load Q_b
EN ISO 14589



$Q_b \geq 5300$ N

All measures in mm

- s: Standard deviation
- \bar{x} : Mean value
- u,5: Fractile value
- R,k: Characteristic value

All calculations, measurements, fasteners and design methods have to be verified by a responsible designer or engineer, regarding the corresponding structure and load. Please consult your national norms and approvals.

All information is non-binding and without guarantee. Before using the products, all specifications and calculations must be checked by a suitably qualified person and local regulations must be observed. This document is subject to revision. We reserve the right to make technical changes.