

Technical Values

All indicated values are X Values

Article: E-DB RS (TK) (HT) 4.8 x L

Plotting:



Specification of the material:
hardened carbon steel (SAE 1022)
Duplex 700 coating

Tensile breaking strength:



Z_b in N

11'000

Shear breaking strength:



Q_b in N

7'000

Pull-out strength:

F_z in N
Thickness in mm
Steel ST 37 (375 N/mm²)

0.75	0.88	1.00	-	-	-
1783	2199	2630	-	-	-

Moment of torque:

Stress plate 82 x 40 x 1.0

Sheat mm	Moment of unscrew Nm	Nm after 3 turns			
0.75	1.06	0.57			
0.88	1.53	0.57			
1.0	2.21	0.85			

Corrosion prevention:

Duplex 700 coating

Test	Requirements Red Rust/ Red Rust	Results	White Rust	Red Rust	
Saltspray Test DIN 50021	480 hours	850 hours	No	No	
Kesternich Test DIN 50018 SFW 2.0	12 cycles	15 cycles	No	No	

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