

Belfiber RS

self-drilling anchor



Properties

- Self-drilling fibreglas anchor with continuous thread
- Regular deformation when subject to bending
- Quick installation and easy handling thanks to their reduced weight
- When used in mines, fibreglas anchors do not contaminate the minerals present
- Corrosion resistant
- Installation can be done either with resin ⁽¹⁾ or with injection mortar ⁽²⁾
- Anchors can be easily cut at any required length

Technical properties

Parameters	Unit	BF-RS 32/15	BF-RS 38/20
External diameter	[mm]	32	38
Section	[mm ²]	479	704
Elastic module	[N/mm ²]	45000	45000
Breaking load rod	[kN]	350	500
Ultimate strength	[N/mm ²]	700	700
Bending tension	[N/mm ²]	400	400
Torsion	[Nm]	300	420
Breaking load thread (nut GFRP / steel)	[kN]	70 / 180	90 / 200
Breaking load thread (coupling GFRP / steel)	[kN]	70 / 180	90 / 200
Weight	[g/m]	950-1000	1300-1400

⁽¹⁾ We recommend the use of BELDUR two-component resin

⁽²⁾ For Injection we recommend the use of BELCEM T mortar and the use of BELCEM pump 3012

All above mentioned data can be subject to modification without prior notice