

# Belbor

**belloli**



## Characteristics

- Economically and procedurally advantageous self-drilling anchor, rolled along the entire length
- Ideal for the application on difficult and unstable grounds
- To be used as anchor or root pile
- Range of applications: stabilization of vaults, side walls and excavation fronts in tunnel construction, pipe screens, foundations for buildings, etc., ...
- The anchor rod at the same time serves as boring bar
- Installation through injection of cement mortar <sup>(1)</sup> directly through the beam channel from the borehole-base
- Discretionary length of anchor, possibility to connect several segments with the help of couplings
- Available lengths of rod: 1 – 6 m <sup>(2)</sup>



**BELLOLI SA CH-6537 Grono – Switzerland**

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## Technical properties

Type	∅ outer [mm]	Weight [kg/m]	Section [mm <sup>2</sup> ]	Breaking load F <sub>m</sub> [kN]	Tensile yield point F <sub>0.2</sub> [kN]	
RB 25/13	25	2.3	300	200	160	
RB 32/24	32	2.9	369	250	200	
RB 32/20	32	3.4	439	280	225	
RB 32/18	32	4	521	350	280	
RB 32/15	32	4.5	593	405	325	
RB 38/15	38	6.1	801	530	425	
RB 44/24	44	7.8	1018	700	560	
RB 51/28	51	9.5	1250	840	690	
RB 63/43	63	12.8	1680	1160	930	
RB 76/56	76	15.5	2050	1380	1100	
<b>RB 76/52</b>	<b>76</b>	<b>17.8</b>	<b>2335</b>	<b>1600</b>	<b>1280</b>	<b>NEW</b>
<b>TB 76/46</b>	<b>76</b>	<b>21.9</b>	<b>2880</b>	<b>1980</b>	<b>1590</b>	<b>NEW</b>
TB 89/69	89	18.4	2413	1470	1180	
TB 103/83	103	22	2878	1600	1280	
TB 103/78	103	27.2	3499	1980	1590	
<b>TBE 103/75</b>	<b>103</b>	<b>30</b>	<b>3855</b>	<b>2650</b>	<b>2120</b>	<b>NEW</b>
<b>TBS 103/59</b>	<b>103</b>	<b>42.5</b>	<b>5410</b>	<b>3680</b>	<b>2940</b>	<b>NEW</b>
TB 135/75	135	71,6	9236	5400	4320	

<sup>(1)</sup> We recommend to use our mortar Belcem T and our pump Belcem 3012

<sup>(2)</sup> Other lengths upon request

All data may be modified without advance notice