

ROCK BOLTS

HOLLOW SELF DRILLING BOLTS**Features**

- Installation using PUR or grout
- Installation for very poor ground
- Corrosion resistant
- Full test data available



Technical Data	Unit	R25N	R32L	R32N	R32S	R38N	R51L	R51N	T76N	T76S
Outer Diameter	mm	25	32	32	32	38	51	51	76	76
Average Outer Diameter	mm	23.8	29.8	29.8	29.8	36.9	49.3	49.3	73.5	73.5
Average Inner Diameter	mm	14	22	18.5	15	19	36	33	51	45
Average Cross Sectional Area	mm ²	290	340	430	520	770	890	1070	21.2	7250
Ultimate Load* ¹	kN	200	220	280	280	500	550	800	1600	1900
Yield Load* ¹	kN	150	180	230	280	400	450	630	1200	1500
Average Tensile Strength* ¹	N/mm ²	690	650	650	690	650	620	750	750	690
Average Yield Strength* ¹	N/mm ²	520	530	530	540	520	510	590	570	550
Shear Strength (Yield)	N/mm ²	300	310	310	310	300	290	340	330	310
Average Section Modulus	cm ³	1.17	1.83	2.21	2.43	4.59	8.42	9.4	29.95	33.5
Moment of Inertia	cm ³	1.39	2.72	3.3	3.62	8.46	20.75	23.18	110.05	123.13
Weight	kg/m	2.3	2.7	3.4	4.1	6.1	7	8.4	16.7	22
Youngs Modulus Of Elasticity	N/mm ²	~ 200,000								
Thread Standard	-	ISO 10208					ISO 1720		T76 * ²	
Steel Grade	-	Acc. To. EN 10083-1								
Delivery Lengths	-	1m, 2m, 3m, 4m, 6m								

***1 The Ultimate low and Yield Low capacity are measured values.
The Tensile-Yield strengths are calculated Average values**

***2 Internal Standard**

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