

ELEBAR™ -G steel grades

Standard Grade (/S) - 500/550, 555/700 MPa

Thread type			G16	G20	G25	G28	G32	G40	G50	G57.5	G63.5	G75	
Thread direction			left hand										
Nominal diameter	D	mm	16	20	25	28	32	40	50	57,5	63,5	75	
Max diameter	D _{max}	mm	17,9	22,4	27,9	31,2	35,7	44,6	55,6	63,0	69,0	81,5	
Nominal cross-section	S	mm ²	201	314	491	616	804	1.257	1.963	2.597	3.167	4.418	
Nominal weight		kg/m	1,58	2,47	3,85	4,83	6,31	9,87	15,41	20,38	24,86	34,68	
Yield strength	f _{yk}	N/mm ²	500						550			500	
Tensile strength	f _{tk}	N/mm ²	550						700			550	
Elongation	A	%	> 6					> 5					
Typical yield load	F _{0.2k}	kN	100	157	246	308	402	629	982	1.441	1.758	2.209	
Minimum fracture load	F _{tk}	kN	110	172	270	339	442	691	1.078	1.818	2.217	2.430	
Colour codings	Size		N.C.	BLUE	RED	GREEN	WHITE	N.C.	ORANGE	GREY	YELLOW	N.C.	
	Grade		NO COLOR (N.C.)										