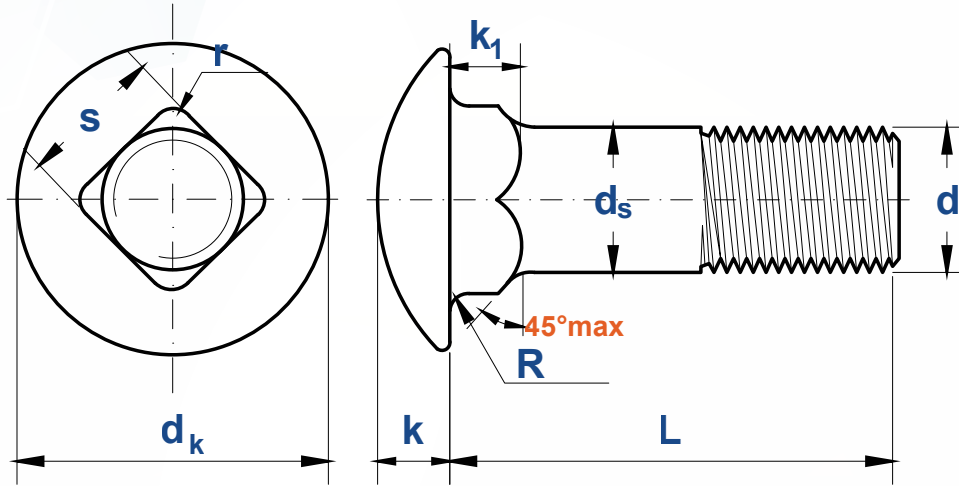




Thread Size d		10#	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
d		0.1900	0.2500	0.3125	0.3750	0.4375	0.5000	0.6250	0.7500	0.8750	1.0000
d_s	max	0.199	0.260	0.324	0.388	0.452	0.515	0.642	0.768	0.895	1.022
	min	0.159	0.213	0.272	0.329	0.385	0.444	0.559	0.678	0.795	0.910
d_k	max	0.469	0.594	0.719	0.844	0.969	1.094	1.344	1.594	1.844	2.094
	min	0.436	0.563	0.688	0.782	0.907	1.032	1.219	1.469	1.719	1.969
k	max	0.114	0.145	0.176	0.208	0.239	0.270	0.344	0.406	0.459	0.531
	min	0.094	0.125	0.156	0.188	0.219	0.250	0.313	0.375	0.438	0.500
s	max	0.199	0.260	0.324	0.388	0.452	0.515	0.642	0.768	0.895	1.022
	min	0.185	0.245	0.307	0.368	0.431	0.492	0.616	0.741	0.865	0.990
k_1	max	0.125	0.156	0.187	0.219	0.250	0.281	0.344	0.406	0.469	0.531
	min	0.094	0.125	0.156	0.188	0.219	0.250	0.313	0.375	0.438	0.500
r		0.031	0.031	0.031	0.047	0.047	0.047	0.078	0.078	0.094	0.094
R		0.031	0.031	0.031	0.031	0.031	0.031	0.062	0.062	0.062	0.062

①, Minimum Thread Length:

The minimum length of thread shall be equal to twice the basic bolt diameter plus 0.25 in. for nominal bolt lengths of 6 in. or shorter, and twice the basic bolt diameter plus 0.50 in. for longer nominal lengths.

Bolts of nominal lengths too short to accommodate the minimum thread lengths shall be threaded full length. The length from the head or neck to the first complete (full form) thread shall not exceed the length of 2-1/2 threads for sizes up to and including 1 in., and 3-1/2 threads for sizes over 1 in.