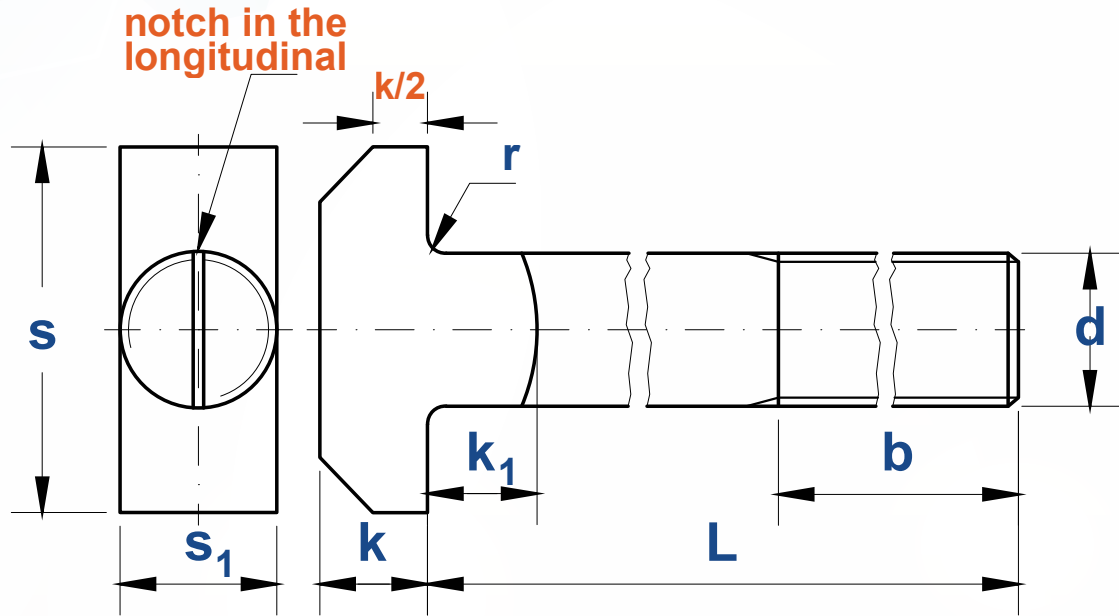




Thread Size d		M24	M30	M36	M42	M48	M56	M64	M72	M80	M90	M100
P	Pitch	3	3.5	4	4.5	5	5.5	6	6	6	6	6
b		100	120	140	170	200	220	240	260	290	320	350
k_1		18	20	25	30	30	30	30	30	30	30	30
k		18	22	25	30	35	40	50	55	60	70	75
s_1		24	30	36	42	48	56	64	72	80	90	100
s		65	75	85	95	110	125	140	155	170	185	205
r	min	1.6	1.6	2	2	2	3	3	4	4	4	5
per unit=kg	Head weight (size k) kg / piece	0.205	0.36	0.555	0.85	1.34	2	3.21	4.4	5.8	8.3	11
	Weight per 20mm bolt length kg / piece	0.071	0.111	0.16	0.218	0.284	0.386	0.506	0.64	0.79	0.998	1.23

①, Material:

a) Steel, Strength grade 5.6, d > M42 according to agreement. Standard DIN EN ISO 898-1

b) Other strength classes or materials by agreement.

②, Length L must be specified separately when ordering.