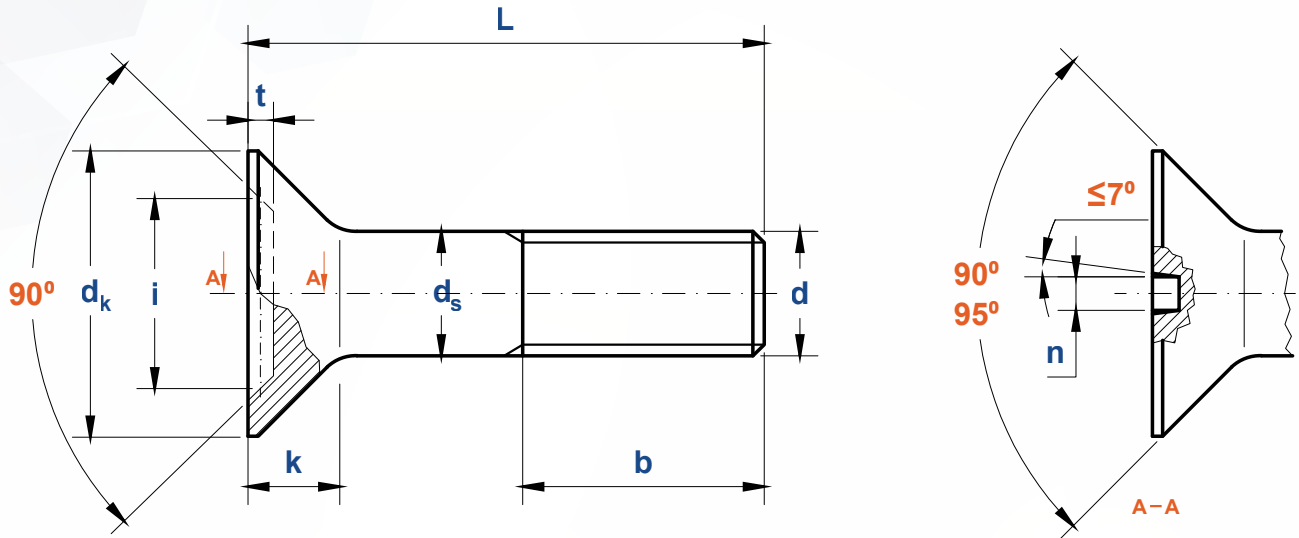




Thread Size d		M12	(M14)	M16	(M18)	M20	M22	M24	M27	M30	M36
P	Pitch	1.75	2	2	2.5	2.5	2.5	3	3	3.5	4
b	L ≤ 125	30	34	38	42	46	50	54	60	66	78
	125 < L ≤ 200	-	40	44	48	52	56	60	66	72	84
	L > 200	-	-	-	-	65	69	73	79	85	97
d _s	max	12.7	14.7	16.7	18.7	20.84	22.84	24.84	27.84	30.84	37
	min	11.3	13.3	15.3	17.3	19.16	21.16	23.16	26.16	29.16	35
d _k	max	24	28	32	36	40	44	48	54	60	72
	min	23.16	27.16	31.16	35	39	43	47	53	58.8	70.8
i	max	16.5	19.5	22.5	25.5	28.5	30.5	33.5	37.5	42.5	50.5
	min	15.5	18.5	21.5	24.5	27.5	29.5	32.5	36.5	41.5	49.5
k	Nominal Size	8	9	10	12	13	14	16	17.5	19.5	23
	max	8.75	9.75	10.75	12.9	13.9	14.9	16.9	18.4	20.55	24.05
	min	7.25	8.25	9.25	11.1	12.1	13.1	15.1	16.6	18.45	21.95
n	max	3	3	3	3.5	3.5	3.5	3.5	3.5	4	4
	min	2.5	2.5	2.5	3	3	3	3	3	3.5	3.5
t	max	4.5	4.5	4.5	5	5	5	5	5	5.5	5.5
	min	3	3	3	3.5	3.5	3.5	3.5	3.5	4	4

①, For coated bolts, the dimensions apply prior to coating.