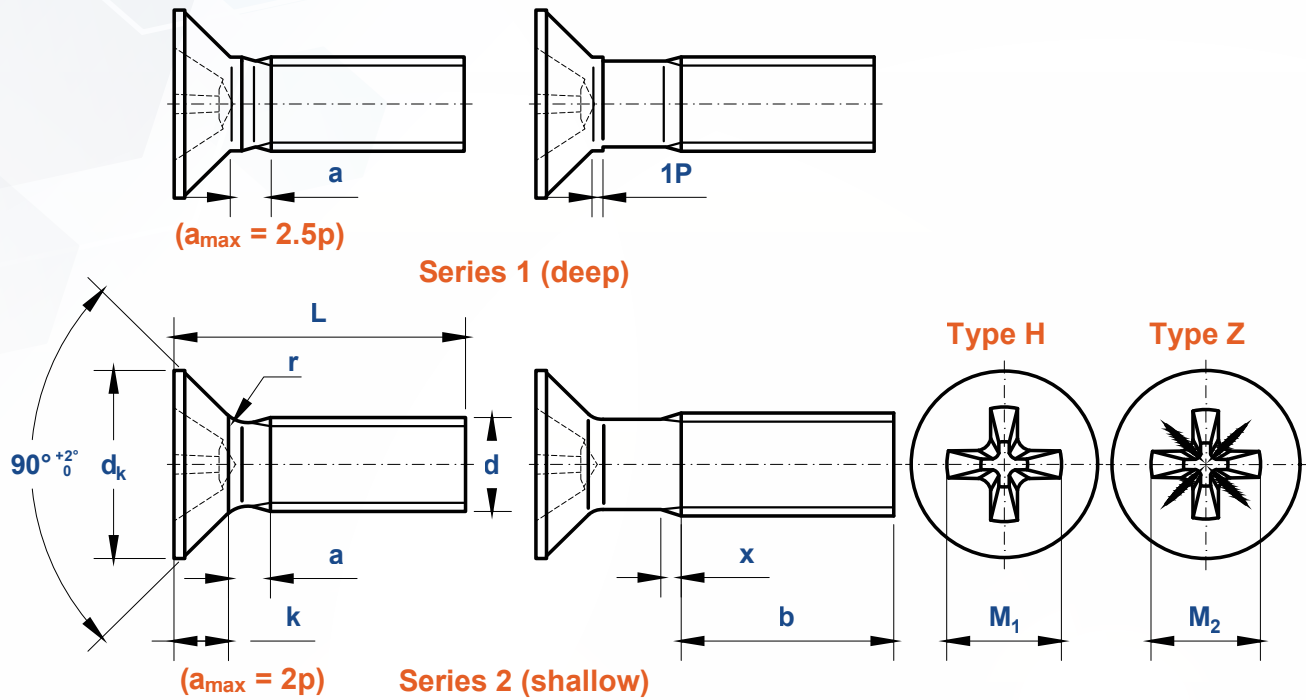




Screw Thread d			M2	M2.5	M3	(M3.5)	M4	M5	M6	M8	M10
P	Pitch		0.4	0.45	0.5	0.6	0.7	0.8	1	1.25	1.5
d _k	Theoretical	max	4.4	5.5	6.3	8.2	9.4	10.4	12.6	17.3	20
		Actual	max	3.8	4.7	5.5	7.3	8.4	9.3	11.3	15.8
	min		3.5	4.4	5.2	6.9	8	8.9	10.9	15.4	17.8
k	max		1.2	1.5	1.65	2.35	2.7	2.7	3.3	4.65	5
r	max		0.5	0.6	0.8	0.9	1	1.3	1.5	2	2.5
x	max		1	1.1	1.25	1.5	1.75	2	2.5	3.2	3.8
Socket No.			0	1	1	2	2	2	3	4	4
M ₁	Series 1, Type H		1.9	2.9	3.2	4.4	4.6	5.2	6.8	8.9	10
Penetration depth	Series 1, Type H	min	0.9	1.4	1.7	1.9	2.1	2.7	3	4	5.1
		max	1.2	1.8	2.1	2.4	2.6	3.2	3.5	4.6	5.7
M ₂	Series 1, Type Z		1.9	2.8	3	4.1	4.4	4.9	6.6	8.8	9.8
Penetration depth	Series 1, Type Z	min	0.95	1.48	1.76	1.75	2.06	2.6	3	4.15	5.19
		max	1.2	1.73	2.01	2.2	2.51	3.05	3.45	4.6	5.64
M ₁	Series 2, Type H		1.9	2.7	2.9	4.1	4.6	4.8	6.6	8.7	9.6
Penetration depth	Series 2, Type H	min	0.9	1.25	1.4	1.6	2.1	2.3	2.8	3.9	4.8
		max	1.2	1.55	1.8	2.1	2.6	2.8	3.3	4.4	5.3
M ₂	Series 2, TType Z		1.9	2.5	2.8	4	4.4	4.6	6.3	8.5	9.4
Penetration depth	Series 2, Type Z	min	0.95	1.22	1.48	1.61	2.06	2.27	2.73	3.87	4.78
		max	1.2	1.47	1.73	2.05	2.51	2.72	3.18	4.32	5.23

①. $a_{\max} = 2P$