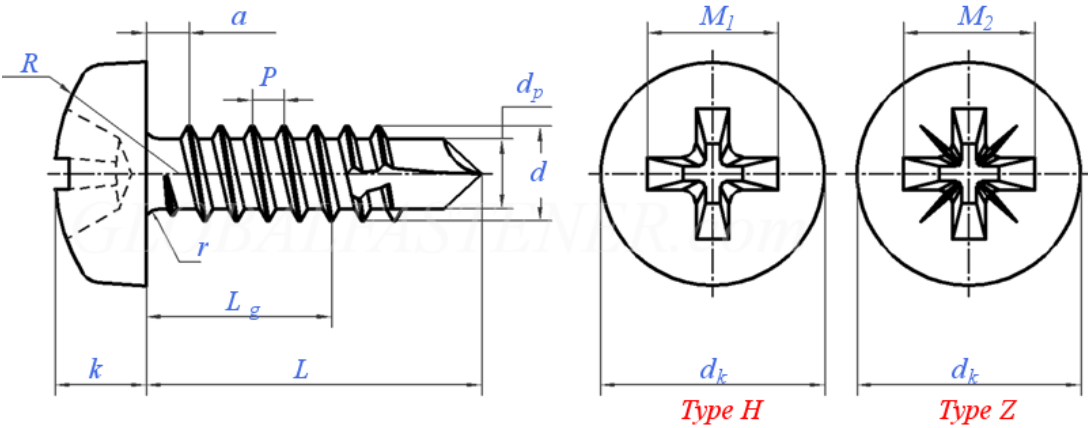
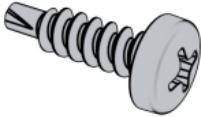


DIN 7504 (N) - 1982 Cross Recessed Pan Head Drilling Screws With Tapping Screw Thread



Unit: mm



3D DRAWING

Tolerance Calculator

Error Correction

Nominal Length L - Tips:select Nominal Length L and get .

Thread Size		ST3.5	(ST3.9)	ST4.2	ST4.8	ST5.5	ST6.3
P	Pitch	1.3	1.3	1.4	1.6	1.8	1.8
a	max	1.3	1.3	1.4	1.6	1.8	1.8
d _k	max	6.9	7.5	8.2	9.5	10.8	12.5
	min	6.54	7.14	7.84	9.14	10.37	12.07
k	max	2.6	2.8	3.05	3.55	3.95	4.55
	min	2.35	2.55	2.75	3.25	3.65	4.25
r	max	0.5	0.5	0.6	0.7	0.8	0.9
R	≈	5.4	5.8	6.2	7.2	8.2	9.5
Socket No.		2	2	2	2	3	3
M ₁	≈	4.2	4.4	4.6	5	6.5	7.1
M ₂	≈	3.9	4.1	4.3	4.7	6.2	6.7
d _p	max	2.8	3.1	3.6	4.1	4.8	5.8
Drilling range(thickness)		0.7~2.25	0.7~2.4	1.75~3	1.75~4.4	1.75~5.25	2~6
L _g		-	-	-	-	-	-

①,Material: Case hardening steel in accordance with DIN 17210 or heat treatable steel in accordance with DIN 17200 shall be used as the material for drilling screws, at manufacturer's discretion. Other steels of equivalent quality are authorized. Other materials require prior mutual agreement.

Alternative history

DIN 7504N - 1982

DIN 7504M - 1995

DIN EN ISO 15481 - 2000