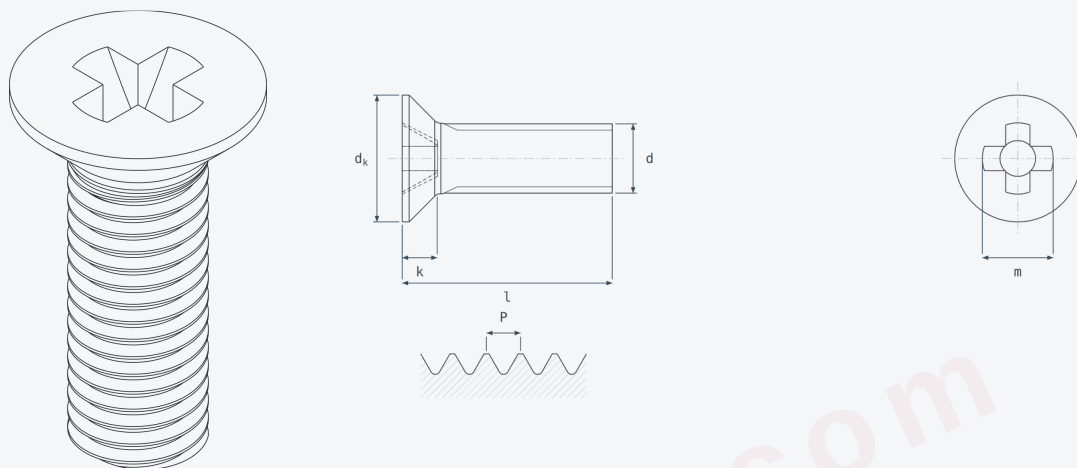


DIN 965 Phillips Countersunk Head Machine Screw



STANDARD

DIN 965 Cross Recessed Countersunk Head Screw · withdrawn

THREAD

ISO metric coarse pitch

SIZES

M1.6 - M10 · lengths 6 – 300 mm

MATERIAL

Stainless Steel, Carbon Steel

PROPERTY CLASS

A2-70 (ISO 3506-1) · 4.8 (ISO 898-1)

SURFACE

Passivated, Plain, Zinc Plated, Nickel Plated

DIN 965 is a withdrawn legacy standard. This sheet follows DIN 965, and we make the part to it.

BASIS OF SPECIFICATION

DIMENSIONS

DIN 965:1990-08

CARBON STEEL / ALLOY STEEL

DIN ISO 898 part 1

STAINLESS STEEL

ISO 3506-1:2020

LENGTH TOLERANCE

to be agreed

THREAD LENGTH

to be agreed

MINIMUM USABLE THREAD LENGTH

to be agreed

DIMENSIONS

mm · DIN 965

d	P	dk	k nom.
M1.6	0.35	3	0.96
M2	0.4	3.8	1.2
M2.5	0.45	4.7	1.5
M3	0.5	5.6	1.65
M3.5	0.6	6.5	1.93
M4	0.7	7.5	2.2
M5	0.8	9.2	2.5
M6	1	11	3
M8	1.25	14.5	4
M10	1.5	18	5

P thread pitch dk head diameter k nominal head height

MECHANICAL PROPERTIES

ISO 3506-1

Class	Rm min.	Yield requirement	Elongation requirement	Hardness
A2-70	700 MPa	Rp0.2 min. 450 MPa	0,4d mm	—

MECHANICAL PROPERTIES

ISO 898-1

Class	Rm min.	Yield requirement	Elongation requirement	Hardness
4.8	420 MPa	Rpf min. 340 MPa (not a test value)	Af min. 0.24	130 - 220 HV

MARKING
Carbon steel / Alloy steel: head marking to DIN ISO 898 part 1.

Stainless steel: head marking to ISO 3506-1:2020.

Marking requirements are set by the material standard named above.

Confirm the ordered property class before production.

DOCUMENTS

EN 10204 3.1 material certificate, dimensional inspection report and mechanical test report, on request.