

DIN 916

Socket Set Screw - Cup Point



Standard	DIN 916		
Product Type	Socket Set Screw - Cup Point		
Material	Stainless Steel, Carbon Steel, Alloy Steel		
Property Class	A2 (ISO 3506-3) · 45H (ISO 898-5)		
Surface Finish	Passivated, Plain, Blackened		
Size Range	M1.4 - M24	Length Range	6-300 mm
Thread	ISO metric coarse pitch		

BASIS OF SPECIFICATION

WHICH STANDARD GOVERNS WHAT

Dimensions to	DIN 916:1980-12
Carbon steel / Alloy steel mechanical properties to	DIN ISO 898 Part 5
Stainless steel mechanical properties to	ISO 3506-3:2025
Product grade	A

PROPERTY CLASSES

REQUIRED VALUES PER ISO 3506-3

Class	Steel group	Governing property	Source
A2	Steel group A2	Hardness and torque - not tested in tension	ISO 3506-3

HARDNESS REQUIREMENTS

REQUIRED VALUES PER ISO 898-5

Class	Hardness	Governing property	Source
45H	450 - 560 HV	Hardness - not tested in tension	ISO 898-5

DIMENSIONAL DATA - SIZES WE SUPPLY

ALL DIMENSIONS PER THE STANDARD

d Diameter - mm	P Thread Pitch - mm	s Hex Socket Size - mm	d Diameter - mm	P Thread Pitch - mm	s Hex Socket Size - mm
M3	0.5	1.5	M8	1.25	4
M4	0.7	2	M10	1.5	5
M5	0.8	2.5	M12	1.75	6
M6	1	3	M16	2	8

FURTHER SIZES IN THIS STANDARD

ALL DIMENSIONS PER THE STANDARD

Not held in stock. Available to order; minimum order quantity applies.

d Diameter - mm	P Thread Pitch - mm	s Hex Socket Size - mm	d Diameter - mm	P Thread Pitch - mm	s Hex Socket Size - mm
M1.4	0.3	0.7	M14	2	6
M1.6	0.35	0.7	M18	2.5	10
M1.8	0.35	0.7	M20	2.5	10
M2	0.4	0.9	M22	2.5	12
M2.5	0.45	1.3	M24	3	12

MARKING

Carbon steel / Alloy steel Head marking to DIN ISO 898 Part 5

Stainless steel Head marking to ISO 3506-3:2025

Marking requirements are set by the material standard named above, not by the product standard. Confirm the ordered property class before production.

INSPECTION DOCUMENTS WE CAN ISSUE

EN 10204 3.1 material certificate	Can be included when agreed in the order.
Dimensional inspection report	Can be provided for the agreed inspection scope.
Certificate of conformity	Can be issued against the confirmed order requirements.
Mechanical test report	Available when the required tests are agreed before production.
Chemical analysis report	Available when the material verification scope is agreed.
Coating inspection report	Can record the coating checks agreed for the order.

REFERENCES & NOTES

Note: DIN 916 is a withdrawn legacy standard; the current standard for this product is ISO 4029. This sheet is built to DIN 916. Dimensions can differ between the two - check the recorded correspondence on our website before substituting one for the other.