

# Datasheet

**RS Stock No: 5466174**

## **Clear Passivated, Bright Zinc Plated Steel Cheese Head Machine Screws: Metric Thread**



Cheese Head machine screws are designed for ease of assembly and this variety of machine screws with slotted drives are a popular driving method with this type of fastener. Machine screws can be used in pre-tapped holes or used with conforming nuts and washers in through holes.

- Clear Passivated, Bright Zinc Plated Steel
- Slotted drive type
- Threaded in accordance with DIN 84 standard
- Suitable for light fastening applications in facilities maintenance and electronic & domestic applications
- Typical applications include; PCB prototyping, circuit board mounting and general repair and maintenance
- Requires a slotted screwdriver

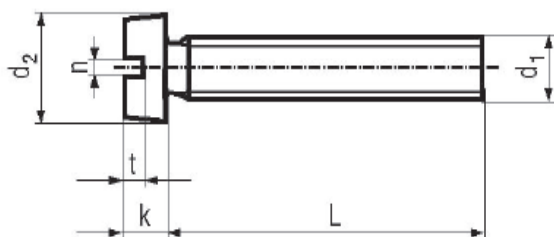


**ENGLISH**

Please view our range listing below for more Clear Passivated, Zinc Plated Steel, Cheese Head Machine Screws:

Head Shape	Drive Type	Material	Thread Size	Length	RS Part No.
Cheese Head	Slot	Zinc Plated Steel	M2.5	6 mm	5466102
Cheese Head	Slot	Zinc Plated Steel	M2.5	10 mm	5466118
Cheese Head	Slot	Zinc Plated Steel	M2.5	12 mm	5466124
Cheese Head	Slot	Zinc Plated Steel	M2.5	20 mm	5466146
Cheese Head	Slot	Zinc Plated Steel	M3	6 mm	5466152
Cheese Head	Slot	Zinc Plated Steel	M3	10 mm	5466168
Cheese Head	Slot	Zinc Plated Steel	M3	12 mm	5466174
Cheese Head	Slot	Zinc Plated Steel	M3	16 mm	5466180
Cheese Head	Slot	Zinc Plated Steel	M3	20 mm	5466196
Cheese Head	Slot	Zinc Plated Steel	M3	25 mm	5466203
Cheese Head	Slot	Zinc Plated Steel	M4	10 mm	5466225
Cheese Head	Slot	Zinc Plated Steel	M4	12 mm	5466231
Cheese Head	Slot	Zinc Plated Steel	M4	16 mm	5466247
Cheese Head	Slot	Zinc Plated Steel	M4	20 mm	5466253
Cheese Head	Slot	Zinc Plated Steel	M4	25 mm	5466269
Cheese Head	Slot	Zinc Plated Steel	M4	30 mm	5466275
Cheese Head	Slot	Zinc Plated Steel	M5	10 mm	5466304
Cheese Head	Slot	Zinc Plated Steel	M5	12 mm	5466310
Cheese Head	Slot	Zinc Plated Steel	M5	16 mm	5466326
Cheese Head	Slot	Zinc Plated Steel	M5	20 mm	5466332
Cheese Head	Slot	Zinc Plated Steel	M5	25 mm	5466348
Cheese Head	Slot	Zinc Plated Steel	M6	12 mm	5466360
Cheese Head	Slot	Zinc Plated Steel	M6	16 mm	5466376
Cheese Head	Slot	Zinc Plated Steel	M6	20 mm	5466382
Cheese Head	Slot	Zinc Plated Steel	M6	25 mm	5466398
Cheese Head	Slot	Zinc Plated Steel	M6	30 mm	5466405

## CHEESE HEAD SLOTTED MACHINE SCREWS DIN 84 / ISO 1207



Head Diameter (d2)	Size d1	M1.6		M2		M2.5		(M2.6)		M3		(M3.5)		M4		M5		M6		M8		M10	
		min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Standard																							
DIN 84 (1990)		2.86	3.00	3.62	3.80	4.32	4.50	4.82	5.00	5.32	5.50	5.82	6.00	6.78	7.00	8.28	8.50	9.78	10.00	12.73	13.00	15.73	16.00
ISO 1207 (1992)		2.86	3.00	3.62	3.80	4.32	4.50			5.32	5.50	5.82	6.00	6.78	7.00	8.28	8.50	9.78	10.00	12.73	13.00	15.73	16.00

Head Height (k)	Size d1	M1.6		M2		M2.5		(M2.6)		M3		(M3.5)		M4		M5		M6		M8		M10	
		min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Standard																							
DIN 84 (1990)		0.86	1.0	1.16	1.3	1.46	1.6	1.56	1.70	1.86	2.00	2.26	2.40	2.46	2.60	3.12	3.30	3.60	3.90	4.70	5.00	5.70	6.00
ISO 1207 (1992)		0.96	1.1	1.26	1.4	1.66	1.8			1.86	2.00	2.26	2.40	2.46	2.60	3.12	3.30	3.60	3.90	4.70	5.00	5.70	6.00

Slot Width (n)	Size d1	M1.6		M2		M2.5		(M2.6)		M3		(M3.5)		M4		M5		M6		M8		M10	
		min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Standard																							
DIN 84 (1990)		0.46	0.60	0.56	0.70	0.66	0.80	0.66	0.80	0.86	1.00	1.06	1.20	1.26	1.51	1.26	1.51	1.66	1.91	2.06	2.31	2.56	2.81
ISO 1207 (1992)		0.46	0.60	0.56	0.70	0.66	0.80			0.86	1.00	1.06	1.20	1.26	1.51	1.26	1.51	1.66	1.91	2.06	2.31	2.56	2.81

Slot Depth (t)	Size d1	M1.6		M2		M2.5		(M2.6)		M3		(M3.5)		M4		M5		M6		M8		M10	
		min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Standard																							
DIN 84 (1990)		0.45	0.60	0.60	0.80	0.70	0.9	0.8	1.0	0.9	1.15	1.10	1.40	1.20	1.50	1.50	1.80	1.80	2.20	2.10	2.60	2.40	3.00
ISO 1207 (1992)		0.45	0.60			0.70				0.85		1.00		1.10		1.30		1.60		2.00		2.40	

Length Tolerance	DIN 84/ISO1207	
	min	max
Nominal Length		
2	1.8	2.2
2.5	2.3	2.7
3	2.8	3.2
4	3.76	4.24
5	4.76	5.24
6	5.76	6.24
8	7.71	8.29
10	9.71	10.29
12	11.65	12.35
(14)	13.65	14.35
16	15.65	16.35
(18)	17.65	18.35
20	19.58	20.42
(22)	21.58	22.42
25	24.58	25.42
(28)	27.58	28.42
30	29.58	30.42
36	34.5	36.5
40	39.5	40.5
45	44.5	46.5
50	49.5	50.5
(55)	54.05	56.95
60	59.05	60.95
(65)	64.05	66.95
70	69.05	70.95
(75)	74.05	76.95
80	79.05	80.95
90	88.9	91.1

Diameters & Lengths With ( ) are not recommended for new design.

Thread Pitch		Thread Tolerance Plain 6g	
Dia	Pitch	Thread Tolerance Plated 6h	
M1.6	0.35	Thread Tolerance stainless 6g	
M2	0.4		
M2.5	0.45	Material	4.8 A2 - A4
(M2.6)	0.45	Tensile Strength	60900 72500-101500
M3	0.5		
(M3.5)	0.6	Yield Strength	49300 30450-65250
M4	0.7		
M5	0.8	Hardness	HRB 71-99.5 NA
M6	1		
(M8)	1.25		
(M10)	1.5	Steel	Stainless Steel
Property Class		4.8	A2 - A4
Finish		Plain /Plated	Plain

For Machine Screws, The Letter A After The DIN Number Indicates Full Thread. Unless Requested, All Machine Screws Are Supplied As Full Thread, Therefore We Omit The A.