

# Datasheet

**RS Stock No: 9087747**

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



Cheese Head Machine Screws are designed for ease of assembly and these screws with their 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
- 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

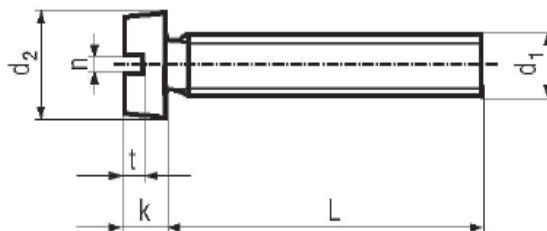


ENGLISH

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	6 mm	9087747
Cheese Head	Slot	Zinc Plated Steel	M2	12 mm	9087740
Cheese Head	Slot	Zinc Plated Steel	M3	8 mm	9087744
Cheese Head	Slot	Zinc Plated Steel	M3.5	10 mm	9087753
Cheese Head	Slot	Zinc Plated Steel	M3.5	12 mm	9087756
Cheese Head	Slot	Zinc Plated Steel	M4	8 mm	9087750
Cheese Head	Slot	Zinc Plated Steel	M4	35 mm	9087769
Cheese Head	Slot	Zinc Plated Steel	M4	40 mm	9087762
Cheese Head	Slot	Zinc Plated Steel	M4	50 mm	9087766
Cheese Head	Slot	Zinc Plated Steel	M5	6 mm	9087775
Cheese Head	Slot	Zinc Plated Steel	M5	8 mm	9087778
Cheese Head	Slot	Zinc Plated Steel	M5	30 mm	9087772
Cheese Head	Slot	Zinc Plated Steel	M5	35 mm	9087781
Cheese Head	Slot	Zinc Plated Steel	M5	40 mm	9087784
Cheese Head	Slot	Zinc Plated Steel	M5	50 mm	9087788
Cheese Head	Slot	Zinc Plated Steel	M6	10 mm	9087797
Cheese Head	Slot	Zinc Plated Steel	M6	40 mm	9087790
Cheese Head	Slot	Zinc Plated Steel	M6	50 mm	9087794

## 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	
Standard		min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
DIN 84 (1990)		2.96	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)		2.96	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	
Standard		min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
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	
Standard		min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
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	
Standard		min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
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	
Nominal Length	min	max
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
35	34.5	35.5
40	39.5	40.5
45	44.5	45.5
50	49.5	50.5
(55)	54.05	55.95
60	59.05	60.95
(65)	64.05	65.95
70	69.05	70.95
(75)	74.05	75.95
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	Yield Strength	49300 30450-65250
(M3.5)	0.6		
M4	0.7	Hardness	HRB 71-99.5 NA
M5	0.8		
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.