



Head Diameter (d2)	Size d1	(M1.6)		(M2)		M2.5		M3		(M3.5)		M4		M5		M6		M8	
Standard		min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.
ISO 7048 (1998)						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
SN 213307		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

Head Height (k)	Size d1	(M1.6)		(M2)		M2.5		M3		(M3.5)		M4		M5		M6		M8	
Standard		min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.
ISO 7048 (1998)						1.66	1.80	1.86	2.00	2.26	2.40	2.46	2.60	3.12	3.30	3.60	3.90	4.70	5.00
SN 213307		0.96	1.10	1.26	1.40	1.66	1.80	1.86	2.00	2.26	2.40	2.46	2.60	3.12	3.30	3.60	3.90	4.70	5.00

Cross Recess Size (m)	Size d1	(M1.6)		(M2)		M2.5		M3		(M3.5)		M4		M5		M6		M8	
Standard																			
ISO 7048 (1998)						1				2								3	
SN 213307		0		1						2								3	

Cross Recess Penetration (t)	Size d1	(M1.6)		(M2)		M2.5		M3		(M3.5)		M4		M5		M6		M8	
Standard		min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.
ISO 7048 (1998)						1.20	1.62	0.86	1.43	1.15	1.73	1.45	2.03	2.14	2.73	2.25	2.86	3.73	4.36
SN 213307		0.70	0.90	0.90	1.10	1.20	1.62	0.86	1.43	1.15	1.73	1.45	2.03	2.14	2.73	2.25	2.86	3.73	4.36

Length Tolerance	ISO 7048 / SN 213307	
Nominal Length	min.	max.
2	1.80	2.20
(2.5)	2.30	2.70
3	2.80	3.20
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	34.50	35.50
40	39.50	40.50
45	44.50	45.50
50	49.50	50.50
(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	88.90	91.10

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	Material	4.8 A2 - A4
M2.5	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 NA
M6	1		71-99.5
M8	1.25	Steel	Stainless Steel
Property Class		4.8	A2 - A4
Finish		Plain /Plated	Plain

M1.6 & M2 are not listed in ISO 7048

FOR MORE DETAILED INFORMATION, PLEASE REFER TO COMPLETE ISO OR SN STANDARD, WHICH ARE THE GOVERNING STANDARDS

ISO 7048 (1998) / SN 213307 - LFG 10/01/10 REVISED