

Commodity : STEEL BUTT HINGES

Selling Unit : Piece

S.No.	Parameters	Type	Value 1	Value 2	Value 3	Value 4	Value 5	Value 6	Value 7	Value 8	Value 9	Value 10	Value 11	Value 12	Value 13	Validation	Unit	M	F	G
Requirements for Materials for Steel Butt Hinges																				
1	Material of Flap	CH	Mild steel															v	v	
2	Material of Pin	CH	Mild steel Wire															v		
	Suitable Grade of Mild steel flap	CH	Grade O of IS 513 : 1986	Grade O of IS 1079 : 1988														v	v	
	Suitable Grade of Mild wire	CH	Minimum 1/4 H of IS 280 : 1988															v		
Type																				
	Type of Steel Butt Hinges	CH	Light weight binge	Medium weight hinge	Broad type hinge	Square type hinge	Heavy type I and II hinges											v	v	
Dimension of Mild Steel Butt Hinges																				
11	Size of Hinges	N	15	20	25	40	50	65	75	90	100	125	150	175	200		mm	v	v	v
12	Length	EN	15 ± 0.5	20 ± 0.5	25 ± 0.5	40 ± 0.5	50 ± 0.5	65 ± 0.5	75 ± 0.5	90 ± 0.5	100 ± 0.5	125 ± 0.5	150 ± 0.5	175 ± 0.5	200 ± 0.5		mm	v	v	v
13	Breadth	EN	18 ± 1	20 ± 1	25 ± 1	30 ± 1	37 ± 1	42 ± 1	47 ± 1	52 ± 1	58 ± 1	65 ± 1	100 ± 1.5	115 ± 1.5	130 ± 1.5		mm	v	v	v
14	Thickness of flap	EN	0.63 ± 0.04	1.20 ± 0.06	1.25 ± 0.06	1.40 ± 0.06	1.50 ± 0.06	1.60 ± 0.06	1.70 ± 0.06	1.80 ± 0.06	1.90 ± 0.06	2.12 ± 0.06	4.45 ± 0.10	5.00 ± 0.10	6.00 ± 0.10		mm	v	v	v
15	Diameter of Hinges Pin	EN	2.00 ± 0.08	2.24 ± 0.08	2.50 ± 0.08	3.15 ± 0.08	3.55 ± 0.08	4.00 ± 0.08	5.00 ± 0.08	5.60 ± 0.08	8.00 ± 0.08	9.00 ± 0.08	10.00 ± 0.08				mm	v	v	v
16	Number of Knuckles	N	3	5													mm	v	v	v
17	Number of Screw Holes	N	4	6	8	10											mm	v	v	v
18	Holes for Screw No.	N	2	5	6	7	8	9	12	14	11						mm	v	v	v
Manufacture																				

	Position of Holes as aspected in clause 6.4.2 of IS : 1341 (Latest)	CH	YES																
Finish																			
	Unless otherwise specified, hinges shall be finished bright with smooth surfaces	CH	YES															v	
Packing , Marking and Labelling																			
51	Hinges shall be packed in cardboard boxes or in any other approved packing	CH	YES															v	
52	Number of pieces in each packed for sizes of 15,20 and 25 mm	N	30	NA														v	v
53	Number of pieces in each packed for sizes over 25 mm up to and including 75 mm	N	20	NA														v	v
54	Number of pieces in each packed for sizes above 75 mm	N	10	NA														v	v
	Hinges may bepacked in multiples of six,if required by the purchaser	CH	YES															v	
55	Each package shall be labelled showing the following particulars: a)Type of hinges, b)Size of hinges, c)Quantity of hinges,and d)Indication of thesource of manufacture	CH	YES															v	
56	1)Each hinge shall be clearly and permanently marked with the indication of the source of manufacture 2)The hinges may also be marked with the Standard Mark	CH	YES															v	
Certification																			
57	Conforming to IS:1341(Latest)	CH	YES															v	
58	Whether ISI Marked	CH	YES	NO														v	v
59	CM/L Number(Must declare if ISI Marked)	CH	YES															v	
Test Report Details																			

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