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UDC 621.882.211.082.1

DEUTSCHE NORMEN

December 1967

Hexagon Screws
Thread Approximately to Head
Metric Thread Type g

DIN
558

Sechskantschrauben; Gewinde annähernd bis Kopf,
Metrisches Gewinde, Ausführung g

For connection with ISO Recommendation ISO/R 272-1962 and other ISO Recommendations in course of preparation, see Explanations to DIN 601, December 1967 issue.

相对六角头螺栓

Dimensions in mm



a and x to DIN 76
z_1 to DIN 78

Designation of a hexagon screw with thread d = M 10, length l = 50 mm:
Hexagon screw M 10 x 50 DIN 558

d	M 5	M 6	M 8	M 10	M 12	M 16	M 20	M 24
d_a max.	6	7,2	10,2	12,2	15,2	19,2	24,4	28,4
e min.	8,63	10,89	14,20	18,72	20,88	26,17	32,95	39,55
k	3,5	4	5,5	7	8	10	13	15
s	8	10	13	17	19	24	30	36
l	Weight (7.85 kg/dm³) kg/1000 pieces ≈							
16	3,37	5,11	11,1	21,2	30,2			
20	3,87	5,80	12,3	23,2	33,0	63,5		
25	4,49	6,65	13,9	25,7	36,6	70,2	126	
30	5,11	7,51	15,5	28,2	40,2	76,9	136	214
35	5,73	8,37	17,1	30,7	43,8	83,5	147	229
40		9,23	18,7	33,2	47,4	90,2	157	244
45			20,3	35,7	51,0	97,1	167	259
50			21,9	38,2	54,5	103	178	274
55				40,7	58,1	110	188	289
60				43,3	61,7	117	199	304
65					65,3	123	209	319
70					68,9	130	219	334
75					72,5	137	229	348
80					76,1	144	240	363

These screws are normally made in the sizes for which weight data are indicated. Sizes for which the weight data are emphasized by bold type are generally stocked commercially because they are in wide demand. As far as the other sizes are concerned, the customer may have to reckon with long delivery times.

Technical conditions of delivery according to DIN 267

Strength category (material): 3.6 or 4.6 (previously 4 D) at manufacturer's choice

Type: g

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Translation
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