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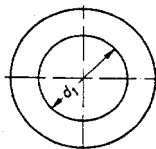
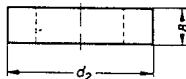
Plain Washers
for Steel Construction

DIN
7989

Scheiben für Stahlkonstruktionen

Dimensions in mm

- A Type g (previously unfinished)
B Type m (previously bright) preferably for use with hexagon head fitted bolts according to DIN 7968



Designation of a plain washer (A) of hole diameter $d_1 = 18$ mm in steel (St):
Plain washer A 18 DIN 7989 - St

d_1	d_2	Weight (7,85 kg/dm ³) kg/1000 pieces ≈	For thread diameter
11	11,5	15,7	10
14	13,5	18,8	12
18	17,5	28,3	16
22	21,5	43,6	20
24	—	46,2	22
26	—	61,5	24
30	29	79	27
33	32	101	30
36	35	114	33
39	38	140	36

Also indicated in column d_1 are the previous diameters insofar as these differ from the new diameters. Since the plain washers are designated according to hole diameters, the corresponding new plain washers shall be supplied when orders designate the previous diameters.

Technical conditions of delivery according to DIN 522

Material: St - steel; grade at manufacturer's choice

Type: A: g according to DIN 522
B: m according to DIN 522