

Serrated lock washers with external teeth
for screw and washer assemblies

DIN
6907

Fächerscheiben, außengezähnt, für Kombi-Schrauben

Supersedes December 1972 edition.

In keeping with current practice in standards published by the International Organization for Standardization (ISO), a comma has been used throughout as the decimal marker.

Dimensions in mm

1 Scope and field of application

Serrated lock washers as specified in this standard are intended for use with screw and washer assemblies as specified in DIN 6900 Part 4. Serrated lock washers are mainly designed to provide electric contact between components coated with varnish, anti-corrosive agents or similar materials, by the tang ends of the washers piercing the coating when such components are joined.

2 Dimensions

Details left unspecified are to be selected as appropriate.

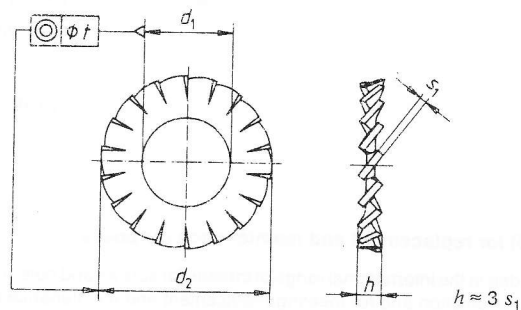


Table.

Nom- inal size	d_1		d_2		Nom- inal size	s_1		t	Minimum number of teeth	Approximate mass (7.85 kg/dm ³), per 1000 units, in kg	For thread size ⁴)
	min. = nom- inal size	max.	max. = nom- inal size	min		max.	min.				
2,25	2,25	2,35	5,5	5,32	0,4	0,44	0,36	0,2	9	0,06	M2,5
2,7	2,7	2,8	6	5,82	0,4	0,44	0,36	0,2	9	0,07	M3
3,2	3,2	3,32	7	6,78	0,5	0,54	0,46	0,24	10	0,12	M3,5
3,6	3,6	3,72	8	7,78	0,5	0,54	0,46	0,24	11	0,16	M4
4,55	4,55	4,67	9	8,78	0,6	0,65	0,55	0,24	11	0,22	M5
5,5	5,5	5,62	11	10,73	0,7	0,75	0,65	0,24	12	0,39	M6
7,4	7,4	7,55	14	13,73	0,8	0,85	0,75	0,3	14	0,70	M8
9,3	9,3	9,45	18	17,73	0,9	0,95	0,85	0,3	16	1,32	M10

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