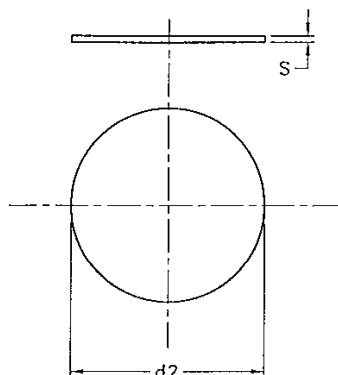
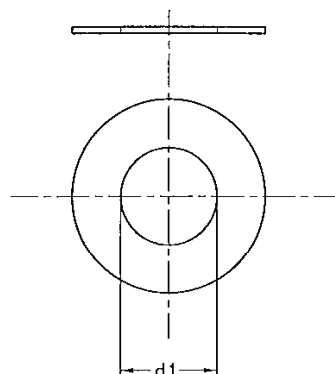


Washers without hole



Washers with hole



For a washer : $d1=6.5$ mm - $d2=16.5$ mm and $S=0.5$ mm from galvanized zn 8 bk c C (A3G)

The designation is :

Washer 6.5x16.5x0.5 ND 0J 06 003 - St.A3G

Permissible tolerances

Material	Parameter	Related size	Tolerances
* metallic material, hard paper, compressed wood, psp, high pressure (rubberised asbestos) sheet, cardboard	d1	to 180	DIN522(m)
		from 180	H 15
	d2	to 250	DIN522(m)
		from 250	H 16
	s	to 18	DIN522(m)
		from 18	± 2
	Forming tolerance		DIN522(m)
Soft rubber	according to DIN 53505 (m)		
Felt	$\pm 5\%$		

This standard is valid for washers which haven't any other norms like DIN 125 , DIN 126 , DIN 433 , DIN 440 , DIN 1441

*) 0.5 mm additional tolerance is permissible

Dimensions in mm

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					Washers(without chamfer)
					Ordered by:
Tolerance:	Group:	Applied by:	Drawing Identification:		
Scale: --		Aghajani	I T R I - - R 1 1		
		Asadi	Drawing No.:		
		Approved by:	ND 0 J 0 6 - 0 0 3 -		
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Materials:

Abbreviation	Description	other specifications		
		Abbreviation	Description	Remark
St	steel according to manufacturer's option ⁽¹⁾			
MS	cu zn (Brass) according to manufacturer's option ⁽¹⁾			
AL	AL according to manufacturer's option ⁽¹⁾			
Cu Sn	Bronse according to manufacturer's option ⁽¹⁾			
P 5238	Insulating paper according to DIN 6740			
Pappe	Card board according to DIN 6730			
Psp 3010 Psp 3030 Psp 3050	PSP according to DIN 7733			
Hp 2061 Hp 2061.5 Hgw	hard paper and hard tissue acc. to DIN 7735			
psph	compressed wood ND 0F 04 035			
High presseve	High presseure 200 (rubberized asbestos) according to 3754			
Soft rubber 30 Soft rubber 40 Soft rubber 55 Soft rubber 65	soft rubber according to AEG 550	LIR ASK Oil Oil ASK	crack resistance against UV askarel resistance oil resistance oil and askarel resistance	· Neoprene · Silicon · Perbunan · Viton

1) In exceptional cases specific materials such as Al Mg3 F23 can be introduced.

Performance

Steel	burr removed	bright gal Zn 8 bkc C=A3G according to DIN 267 sheet 9
Copper alloy		bright gal Ni 12 mt=E4A according to DIN 267 sheet 9 gal Sn 3 mt = 11 A according to DIN 267 sheet 9
Aluminium		bright
Other materials		raw

2) It is not mentioned in specification.

Index	Mod No.	Date	Modifications	Signature	Title:
					Washers(without chamfer)
					Ordered by:
Tolerance:	Group:	Applied by:	Drawing Identification:		
Scale: ---		<i>Aghajanloo</i>	I T R I - - R 1 1		
		Check by:	Drawing No.:		
		<i>Asadi</i>	N D 0 J 0 6 - 0 0 3		
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