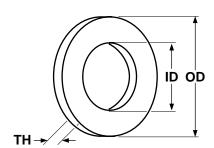
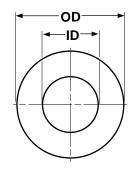
Washers





METRIC - STANDARD FLAT WASHERS, PER DIN 125A DIN 125A							
Nominal Size	ID Internal Diameter		OD Outside Diameter		T Thickness		
							Max
	3	3.38	3.2	7	6.64	0.55	0.45
3.5	3.88	3.7	8	7.64	0.55	0.45	
4	4.48	4.3	9	8.64	0.9	0.7	
5	5.48	5.3	10	9.64	1.1	0.9	
6	6.62	6.4	12	11.57	1.8	1.4	
8	8.62	8.4	16	15.57	1.8	1.4	
10	10.77	10.5	20	19.48	2.2	1.8	
12	13.27	13	24	23.48	2.7	2.3	
16	17.27	17	30	29.48	3.3	2.7	
20	21.33	21	37	36.38	3.3	2.7	

Description	A thin, flat circular part with a centrally located hole with outside diameter approximately twice the nominal thread diameter of the bolt or screw to be used with it. The "A" in 125A denotes that this washer is not chamfered.		
Applications/ Advantages	This is the most commonly used flat washer with low carbon bolts, screws and nuts.		
Material	Steel HV-140		
Hardness	HV 140 - 250		
Plating	See Appendix-A for information about the plating of flat washers.		