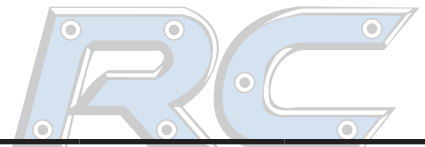
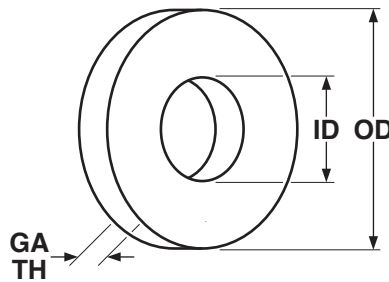
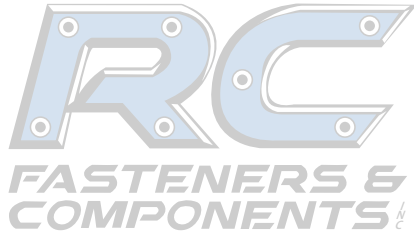


Aluminum

Plain Flat



FASTENERS & COMPONENTS



PLAIN FLAT WASHERS, ALUMINUM

Nominal Size	OD		ID		TH	
	Outside Diameter		Inside Diameter		Thickness	
	Max	Min	Max	Min	Max	Min
10	.505	.495	.201	.191	.042	.036
1/4	.694	.684	.269	.259	.051	.045
5/16	.765	.735	.349	.339	.060	.050
3/8	1.005	.995	.441	.431	.085	.077
1/2	1.255	1.245	.567	.557	.093	.085
5/8	1.505	1.495	.693	.683	.105	.095
3/4	1.875	1.865	.805	.795	.133	.123

Description	A thin, flat, circular aluminum stamping with a centrally located hole.
Applications/ Advantages	Washers are designed for assembly around a bolt or screw, between the bearing surface of the fastener and the part to which it is attached. Flat washers are used to improve stress distribution, and to span large clearance holes. Aluminum flat washers are designed to meet the majority of applications that involve aluminum Bolts or machine screws
Material	2024-T4 or 1100-H14 aluminum alloys
Plating	Aluminum flat washers typically are supplied with no additional finish..