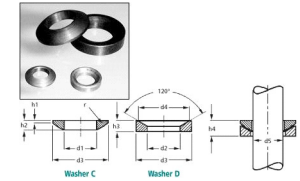




MBA

Washers - Self Aligning



AISI 303 Stainless Steel or Hardened steel 9 S Mn Pb 28 K DIN 6319.

Order a base washer and an aligning washer to make a complete unit.

Max Shaft Size Shown will allow 3 Degree of misalignment.

DIN 6319-NI washers are used for clamping mechanical parts with non-parallel surfaces.

Washers - Self Aligning

Part Number	Suits Shaft Size	Bore Size (d1 or d2) mm	OD (d3) mm	Thickness (h2 or h3) mm	Overall Thickness (h4) mm	Radius (r) mm	Type	Material
		<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>		
# GN.30832	6.0	6.4	12.0	2.3	4.2	9.0	Aligning (Washer C)	303 Stainless
		<i>0.252</i>	<i>0.472</i>	<i>0.091</i>	<i>0.165</i>	<i>0.354</i>		
# C6.4x12	6.0	6.4	12.0	2.3	4.0	9.0	Aligning (Washer C)	Hardened Steel
		<i>0.252</i>	<i>0.472</i>	<i>0.091</i>	<i>0.157</i>	<i>0.354</i>		
# GN.30902	6.0	7.1	12.0	2.8	4.2	9.0	Base (Washer D)	303 Stainless
		<i>0.280</i>	<i>0.472</i>	<i>0.110</i>	<i>0.165</i>	<i>0.354</i>		

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Part Number	Suits Shaft Size	Bore Size (d1 or d2) mm	OD (d3) mm	Thickness (h2 or h3) mm	Overall Thickness (h4) mm	Radius (r) mm	Type	Material
		<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>		
# D7.1x12	6.0	7.1 <i>0.280</i>	12.0 <i>0.472</i>	2.8 <i>0.110</i>	4.0 <i>0.157</i>	9.0 <i>0.354</i>	Base (Washer D)	Hardened Steel
# GN.30836	8.0	8.4 <i>0.331</i>	17.0 <i>0.669</i>	3.2 <i>0.126</i>	5.6 <i>0.220</i>	12.0 <i>0.472</i>	Aligning (Washer C)	303 Stainless
C8.4x17	8.0	8.4 <i>0.331</i>	17.0 <i>0.669</i>	3.2 <i>0.126</i>	5.0 <i>0.197</i>	12.0 <i>0.472</i>	Aligning (Washer C)	Hardened Steel
D9.6x17	8.0	9.6 <i>0.378</i>	17.0 <i>0.669</i>	3.5 <i>0.138</i>	5.0 <i>0.197</i>	12.0 <i>0.472</i>	Base (Washer D)	Hardened Steel
# GN.30906	8.0	9.6 <i>0.378</i>	17.0 <i>0.669</i>	3.5 <i>0.138</i>	5.6 <i>0.220</i>	12.0 <i>0.472</i>	Base (Washer D)	303 Stainless
GN.30842	10.0	10.5 <i>0.413</i>	21.0 <i>0.827</i>	4.0 <i>0.157</i>	6.5 <i>0.256</i>	15.0 <i>0.591</i>	Aligning (Washer C)	303 Stainless
C10.5x21	10.0	10.5 <i>0.413</i>	21.0 <i>0.827</i>	4.0 <i>0.157</i>	6.3 <i>0.248</i>	15.0 <i>0.591</i>	Aligning (Washer C)	Hardened Steel
D12x21	10.0	12.0 <i>0.472</i>	21.0 <i>0.827</i>	4.2 <i>0.165</i>	6.3 <i>0.248</i>	15.0 <i>0.591</i>	Base (Washer D)	Hardened Steel
GN.30912	10.0	12.0 <i>0.472</i>	21.0 <i>0.827</i>	4.2 <i>0.165</i>	6.5 <i>0.256</i>	15.0 <i>0.591</i>	Base (Washer D)	303 Stainless

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Part Number	Suits Shaft Size	Bore Size (d1 or d2) mm	OD (d3) mm	Thickness (h2 or h3) mm	Overall Thickness (h4) mm	Radius (r) mm	Type	Material
		<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>		
C13x24	12.0	13.0 <i>0.512</i>	24.0 <i>0.945</i>	4.6 <i>0.181</i>	8.0 <i>0.315</i>	17.0 <i>0.669</i>	Aligning (Washer C)	Hardened Steel
# GN.30846	12.0	13.0 <i>0.512</i>	24.0 <i>0.945</i>	4.6 <i>0.181</i>	8.0 <i>0.315</i>	17.0 <i>0.669</i>	Aligning (Washer C)	303 Stainless
# GN.30916	12.0	14.2 <i>0.559</i>	24.0 <i>0.945</i>	5.0 <i>0.197</i>	8.0 <i>0.315</i>	17.0 <i>0.669</i>	Base (Washer D)	303 Stainless
D14.2x24	12.0	14.2 <i>0.559</i>	24.0 <i>0.945</i>	5.0 <i>0.197</i>	8.0 <i>0.315</i>	17.0 <i>0.669</i>	Base (Washer D)	Hardened Steel
# C17x30	16.0	17.0 <i>0.669</i>	30.0 <i>1.181</i>	5.3 <i>0.209</i>	9.3 <i>0.366</i>	22.0 <i>0.866</i>	Aligning (Washer C)	Hardened Steel
# GN.30856	16.0	17.0 <i>0.669</i>	30.0 <i>1.181</i>	5.3 <i>0.209</i>	9.6 <i>0.378</i>	22.0 <i>0.866</i>	Aligning (Washer C)	303 Stainless
# D19x30	16.0	19.0 <i>0.748</i>	30.0 <i>1.181</i>	6.2 <i>0.244</i>	9.3 <i>0.366</i>	22.0 <i>0.866</i>	Base (Washer D)	Hardened Steel
# GN.30926	16.0	19.0 <i>0.748</i>	30.0 <i>1.181</i>	6.2 <i>0.244</i>	9.6 <i>0.378</i>	22.0 <i>0.866</i>	Base (Washer D)	303 Stainless
# GN.30862	20.0	21.0 <i>0.827</i>	36.0 <i>1.417</i>	6.3 <i>0.248</i>	11.7 <i>0.461</i>	27.0 <i>1.063</i>	Aligning (Washer C)	303 Stainless

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Part Number	Suits Shaft Size	Bore Size (d1 or d2) mm	OD (d3) mm	Thickness (h2 or h3) mm	Overall Thickness (h4) mm	Radius (r) mm	Type	Material
		<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>		
C21x36	20.0	21.0 <i>0.827</i>	36.0 <i>1.417</i>	6.3 <i>0.248</i>	11.5 <i>0.453</i>	27.0 <i>1.063</i>	Aligning (Washer C)	Hardened Steel
# GN.30932	20.0	23.2 <i>0.913</i>	36.0 <i>1.417</i>	7.5 <i>0.295</i>	11.7 <i>0.461</i>	27.0 <i>1.063</i>	Base (Washer D)	303 Stainless
D23.2x36	20.0	23.2 <i>0.913</i>	36.0 <i>1.417</i>	7.5 <i>0.295</i>	11.5 <i>0.453</i>	27.0 <i>1.063</i>	Base (Washer D)	Hardened Steel
# C25x44	24.0	25.0 <i>0.984</i>	44.0 <i>1.732</i>	8.2 <i>0.323</i>	15.0 <i>0.591</i>	32.0 <i>1.260</i>	Aligning (Washer C)	Hardened Steel
# GN.30866	24.0	25.0 <i>0.984</i>	44.0 <i>1.732</i>	8.2 <i>0.323</i>	15.2 <i>0.598</i>	32.0 <i>1.260</i>	Aligning (Washer C)	303 Stainless
# D28x44	24.0	28.0 <i>1.102</i>	44.0 <i>1.732</i>	9.5 <i>0.374</i>	15.0 <i>0.591</i>	32.0 <i>1.260</i>	Base (Washer D)	Hardened Steel
# GN.30936	24.0	28.0 <i>1.102</i>	44.0 <i>1.732</i>	9.5 <i>0.374</i>	15.2 <i>0.598</i>	32.0 <i>1.260</i>	Base (Washer D)	303 Stainless
# GN.30872	30.0	31.0 <i>1.220</i>	56.0 <i>2.205</i>	11.2 <i>0.441</i>	19.2 <i>0.756</i>	41.0 <i>1.614</i>	Aligning (Washer C)	303 Stainless
C31x56	30.0	31.0 <i>1.220</i>	56.0 <i>2.205</i>	11.2 <i>0.441</i>	19.7 <i>0.776</i>	41.0 <i>1.614</i>	Aligning (Washer C)	Hardened Steel

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		<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>		
D35x56	30.0	35.0 <i>1.378</i>	56.0 <i>2.205</i>	12.0 <i>0.472</i>	19.7 <i>0.776</i>	41.0 <i>1.614</i>	Base (Washer D)	Hardened Steel
# GN.30942	30.0	35.0 <i>1.378</i>	56.0 <i>2.205</i>	12.0 <i>0.472</i>	19.2 <i>0.756</i>	41.0 <i>1.614</i>	Base (Washer D)	303 Stainless
# C37x68	36.0	37.0 <i>1.457</i>	68.0 <i>2.677</i>	14.0 <i>0.551</i>	23.0 <i>0.906</i>	50.0 <i>1.969</i>	Aligning (Washer C)	Hardened Steel
# GN.30876	36.0	37.0 <i>1.457</i>	68.0 <i>2.677</i>	14.0 <i>0.551</i>	23.5 <i>0.925</i>	50.0 <i>1.969</i>	Aligning (Washer C)	303 Stainless
# D42x68	36.0	42.0 <i>1.654</i>	68.0 <i>2.677</i>	15.0 <i>0.591</i>	23.0 <i>0.906</i>	50.0 <i>1.969</i>	Base (Washer D)	Hardened Steel
# GN.30946	36.0	42.0 <i>1.654</i>	68.0 <i>2.677</i>	15.0 <i>0.591</i>	23.5 <i>0.925</i>	50.0 <i>1.969</i>	Base (Washer D)	303 Stainless
# C43x78	42.0	43.0 <i>1.693</i>	78.0 <i>3.071</i>	17.0 <i>0.669</i>	29.0 <i>1.142</i>	58.0 <i>2.283</i>	Aligning (Washer C)	Hardened Steel
# GN.30882	42.0	43.0 <i>1.693</i>	78.0 <i>3.071</i>	17.0 <i>0.669</i>	29.0 <i>1.142</i>	58.0 <i>2.283</i>	Aligning (Washer C)	303 Stainless
# D49x78	42.0	49.0 <i>1.929</i>	78.0 <i>3.071</i>	18.0 <i>0.709</i>	29.0 <i>1.142</i>	58.0 <i>2.283</i>	Base (Washer D)	Hardened Steel

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Part Number	Suits Shaft Size	Bore Size (d1 or d2) mm	OD (d3) mm	Thickness (h2 or h3) mm	Overall Thickness (h4) mm	Radius (r) mm	Type	Material
		<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>		
# GN.30952	42.0	49.0 <i>1.929</i>	78.0 <i>3.071</i>	18.0 <i>0.709</i>	29.0 <i>1.142</i>	58.0 <i>2.283</i>	Base (Washer D)	303 Stainless
# GN.30886	48.0	50.0 <i>1.969</i>	92.0 <i>3.622</i>	21.0 <i>0.827</i>	35.5 <i>1.398</i>	67.0 <i>2.638</i>	Aligning (Washer C)	303 Stainless
# C50x92	48.0	50.0 <i>1.969</i>	92.0 <i>3.622</i>	21.0 <i>0.827</i>	36.0 <i>1.417</i>	67.0 <i>2.638</i>	Aligning (Washer C)	Hardened Steel
# D56x92	48.0	56.0 <i>2.205</i>	92.0 <i>3.622</i>	22.0 <i>0.866</i>	36.0 <i>1.417</i>	67.0 <i>2.638</i>	Base (Washer D)	Hardened Steel
# GN.30956	48.0	56.0 <i>2.205</i>	92.0 <i>3.622</i>	22.0 <i>0.866</i>	35.5 <i>1.398</i>	67.0 <i>2.638</i>	Base (Washer D)	303 Stainless

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