

Flanges & Fittings - CF Flanges

2 1/8 Inch Nominal OD



SPECIFICATIONS

General: Rotatable and nonrotatable with tapped or clearance bolt holes

Materials

Flanges: 304 stainless steel
(316L available upon request)

Torque: 110 inch/lbs.

Vacuum range

Metal seal: $\geq 1 \times 10^{-13}$ Torr - UHV
Elastomer seal: $\geq 1 \times 10^{-8}$ Torr - High vacuum

Temperature Range

Metal seal: -200°C to 450°C
Elastomer seal: -20°C to 150°C

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MODEL NUMBER	TYPE	DIAGRAM	ID A	B	C	BOLT HOLES	DIAMETER OR THREAD
212-000N	Blank	A	-	-	-	4	.265
212-025N	Bored	B	0.255	-	-	4	.265
212-050N	Bored	B	0.505	-	-	4	.265
212-075N	Bored	B	0.688	0.760	0.167	4	.265
212-100N	Bored	B	0.938	1.010	0.167	4	.265
212-000NT	Blank	A	-	-	-	4	1/4-28
212-025NT	Bored	B	0.255	-	-	4	1/4-28
212-050NT	Bored	B	0.505	-	-	4	1/4-28
212-075NT	Bored	B	0.688	0.760	0.167	4	1/4-28
212-100NT	Bored	B	0.938	1.010	0.167	4	1/4-28
212-000R	Blank	C	-	-	-	4	.265
212-025R	Bored	D	0.255	-	-	4	.265
212-050R	Bored	D	0.505	-	-	4	.265
212-075R	Bored	D	0.688	0.760	0.167	4	.265
212-100R	Bored	D	0.938	1.010	0.167	4	.265
212-000RT	Blank	C	-	-	-	4	1/4-28
212-025RT	Bored	D	0.255	-	-	4	1/4-28
212-050RT	Bored	D	0.505	-	-	4	1/4-28
212-075RT	Bored	D	0.688	0.760	0.167	4	1/4-28
212-100RT	Bored	D	0.938	1.010	0.167	4	1/4-28

Model Number Definitions

N = Nonrotatable, clearance bolt holes NT = Nonrotatable, tapped bolt holes R = Rotatable, clearance bolt holes
RT = Rotatable, tapped bolt holes M = Metric tapped bolt holes

