

Flanges & Fittings - CF Mini Flanges



CF Mini Flanges

MODEL NUMBER	TYPE	DIAGRAM	A	BOLT HOLES	DIAMETER OR THREAD
133-000N	Blank	A	-	6	.172
133-000NK	Blank weld neck with weld prep	G	-	6	.172
133-025N	Bored	D	0.255	6	.172
133-038N	Bored	D	0.380	6	.172
133-050N	Bored	D	0.505	6	.172
133-075N	Counterbored for tube OD	E	0.625	6	.172
133-075NK	Bored weld neck with weld prep	G	0.625	6	.172
133-075NBK	Bored weld neck without weld prep	F	0.625	6	.172
133-000NT	Blank	A	-	6	8-32
133-000NKT	Blank weld neck with weld prep	G	-	6	8-32
133-025NT	Bored	D	0.255	6	8-32
133-038NT	Bored	D	0.380	6	8-32
133-050NT	Bored	D	0.505	6	8-32
133-075NT	Counterbored for tube OD	E	0.625	6	8-32
133-075NKT	Bored weld neck with weld prep	G	0.625	6	8-32
133-075NBKT	Bored weld neck without weld prep	F	0.625	6	8-32
133-000R	Blank	B	-	6	.172
133-000RK	Blank weld neck with weld prep	H	-	6	.172
133-025R	Bored	C	0.255	6	.172
133-038R	Bored	C	0.380	6	.172
133-050R	Bored	C	0.505	6	.172
133-075R	Bored	C	0.625	6	.172
133-075RK	Bored weld neck with weld prep	H	0.625	6	.172
133-075RBK	Bored weld neck without weld prep	I	0.625	6	.172
133-000RT	Blank	B	-	6	8-32
133-000RKT	Blank weld neck with weld prep	H	-	6	8-32
133-025RT	Bored	C	0.255	6	8-32
133-038RT	Bored	C	0.380	6	8-32
133-050RT	Bored	C	0.505	6	8-32
133-075RT	Bored	C	0.625	6	8-32
133-075RKT	Bored weld neck with weld prep	H	0.625	6	8-32
133-075RBKT	Bored weld neck without weld prep	I	0.625	6	8-32

SPECIFICATIONS

General: Rotatable and nonrotatable with tapped or clearance bolt holes

Materials

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

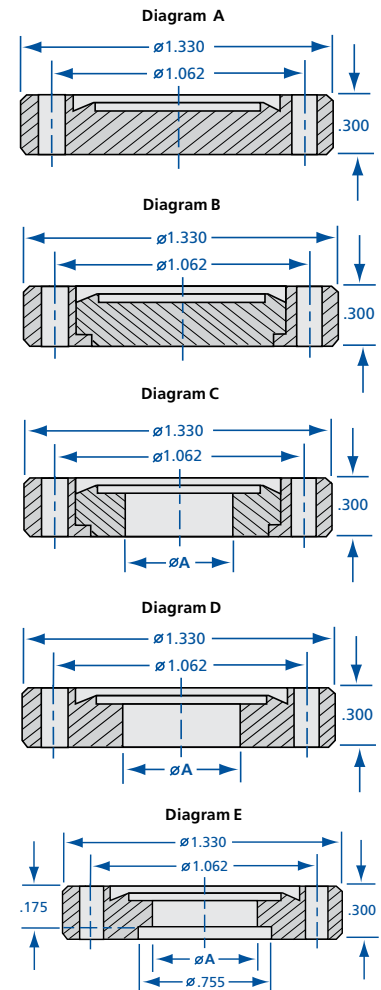
Torque: 28 inch / lbs.

Vacuum range

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

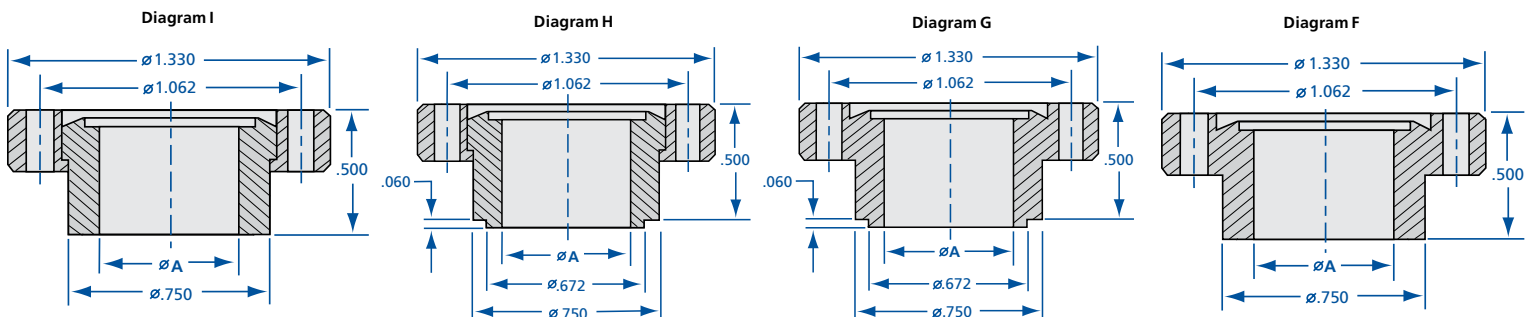
Temperature Range

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



Model Number Definitions

N = Nonrotatable, clearance bolt holes **NT** = Nonrotatable, tapped bolt holes **R** = Rotatable, clearance bolt holes
RT = Rotatable, tapped bolt holes **K** = Weld neck with weld prep **BK** = Weld neck without weld prep



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