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# CF nonrotatable flange

## 4.5" OD X 2.5" ID nonrotatable CF flange

**Part number: 450-250N**

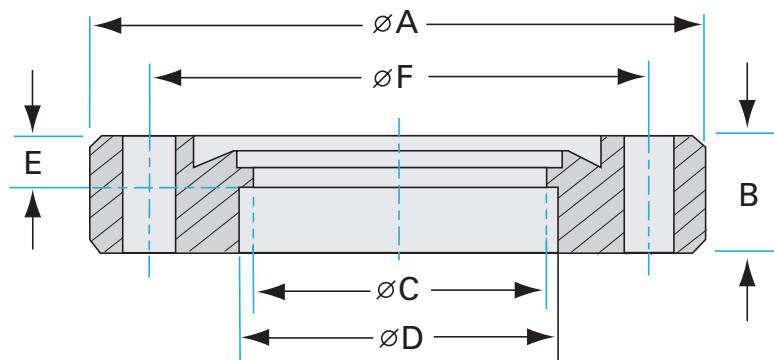
## CF nonrotatable flange

### 4.5" OD X 2.5" ID nonrotatable CF flange

- The CF flange system is ideal for UHV system construction
- Rotatable flanges make component alignment easy
- Most popular sizes and types listed
- Contact us at 800-824-4166 if you can't find exactly what you need



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Dimensions (in inches)	
Dim A	4.47"
Dim B	0.687"
Dim C	2.44"
Dim D	2.51"
Dim E	0.375"
Dim F	3.63"
Dim G	0.332"

#### 450-250N

Parameters	Specifications
Flange Size	DN 63 CF (4.5" OD)
Type	Weld Flange
Alignment	Non-rotatable
Feature	Through hole
Material	304 stainless
Bore	2.44"
Thickness	0.687"
Bolt Circle	3.63"
Bolt Hole Dia / Thread	0.332"
# Bolt Holes	8
Vacuum Range	FKM: $1 \cdot 10^{-8}$ mbar to 1 bar Metal seal: $1 \cdot 10^{-13}$ mbar to 1 bar
Temperature Range	FKM: -20 °C to 180 °C Metal seal: -200 °C to 450 °C
Weight	2.05 lbs

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### Nor-Cal Products

Headquarters: USA

1-800-824-4166 or 530-842-4457

[nccsales@n-c.com](mailto:nccsales@n-c.com)

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