

# 304 316 Stainless Steel Vacuum Bellows For Efficient Connection And Stable Vacuum In High-Performance Systems

Item Number: KT-VA05



## Introduction

Discover high-quality vacuum bellows for stable vacuum in high-performance systems. Made from 304 and 316 stainless steel, these bellows ensure efficient connections and excellent sealing. Ideal for

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Parameter	Specification
Thickness	KF16/KF25 0.2 and KF40/KF50 0.25
Waveform	Change waveform
Wavelength	5/6.5/8/9
Material	304 Stainless Steel
Tube outer diameter	26/34/53/64
Chuck tube diameter	30/40/55/75mm
Ultimate vacuum	0.00000001pa
Permeability	Below $5 \times 10^{-10}$ pa.m <sup>3</sup> /s
Flexibility	Soft, can be rolled, folded, and stretched appropriately
Scope of use	Imported pumps, combination pumps, molecular pumps, diffusion pumps, bipolar rotary vane pumps, cold pumps, vacuum pumps

The technical content of the bellows is very high, and helium testing is required to prove the quality, welding process, stainless steel material, thickness, softness, waveform, permeability, absolute vacuum value, metal fatigue, etc. Different grades of bellows should be selected according to the purpose.

Chuck outer diameter	Specification
30mm	KF16
40mm	KF25
55mm	KF40
75mm	KF50

The sizes of international standard parts are consistent, and the length can be customized according to customer requirements

Diameter	Wall thickness	Minimum bending section
KF16	0.15	±14%
KF25	0.15	±16%
KF40	0.15	±22%
KF50	0.15	±23%

Parameter	Specification	
Chuck outer diameter	Specification	
Diameter	Wall thickness	Minimum bending section
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ISO63	0.2	±26%
ISO80	0.2	±26%
ISO100	0.2	±27.5%

Diameter	Wall thickness	Minimum bending section
KF16	0.15	30
KF25	0.2	70
KF40	0.2	90
KF50	0.25	140
ISO63	0.25	150
ISO80	0.25	220
ISO100	0.25	280