

Electrical Isolator (Water)



Caution

- Please use cooling water and gases under noncorrosive and non-erosive conditions.

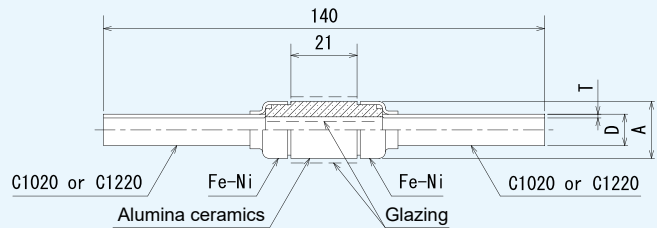


fig.1

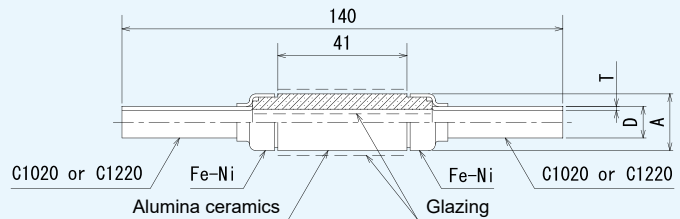


fig.2

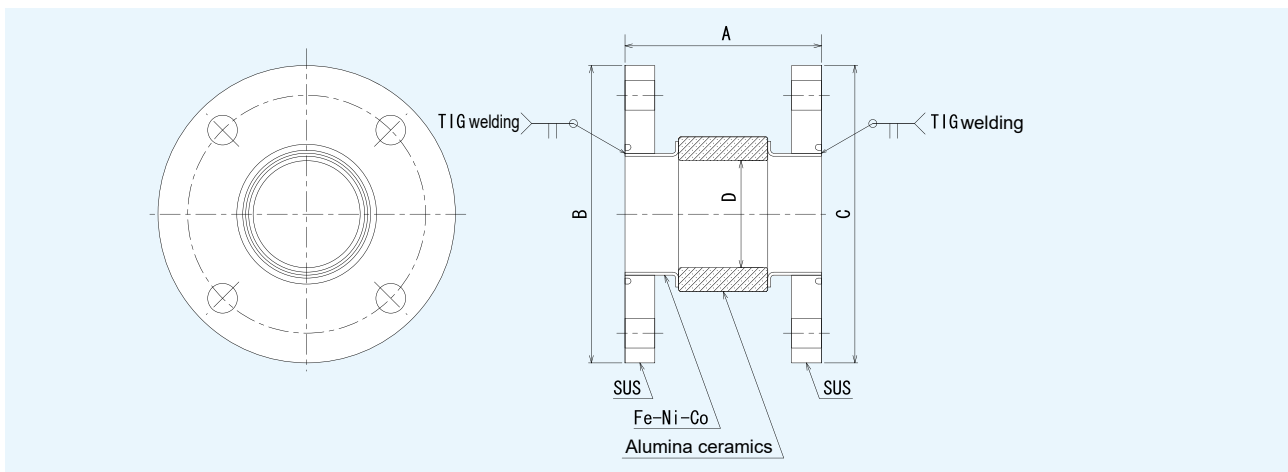
* Parts are joined by means of silver brazing.

Model	Shape	Dimensions			Withstand voltage (test voltage)	Insulation resistance	Hermeticity
		A	D	T			
TTS-06-01-Ti	fig.1	$\phi 14$	$\phi 6$	0.8	DC 1000 V	1000 M Ω or more (at DC 500 V)	1×10^{-10} Pa·m ³ /s or less
TTS-08-01-Ti		$\phi 16$	$\phi 8$				
TTS-10-01-Ti		$\phi 18$	$\phi 10$	1.2			
TTS-12-01-Ti		$\phi 20$	$\phi 12$	1.6			
TTS-15-01-Ti		$\phi 23$	$\phi 15$	2			
TTS-06-02-Ti	fig.2	$\phi 14$	$\phi 6$	0.8	DC 2000 V	1000 M Ω or more (at DC 500 V)	1×10^{-10} Pa·m ³ /s or less
TTS-08-02-Ti		$\phi 16$	$\phi 8$				
TTS-10-02-Ti		$\phi 18$	$\phi 10$	1.2			
TTS-12-02-Ti		$\phi 20$	$\phi 12$	1.6			
TTS-15-02-Ti		$\phi 23$	$\phi 15$	2			

Common specifications

Metallization: By means of Ti active metal method

Electrical Isolator (Vacuum)



* Parts are joined by means of silver brazing.
(Excluding welding sections)

We will design and create products to suit the shape of the pipes.
Please contact us.

Please specify A to D, and the necessary dimensions.
(For flanges, you can just specify the standard number.)
In addition to ones that come under the following standards,
we will attach any flanges you specify.

- ConFlat flanges [Compliant with JVIS 003-1982]
- VG/VF flanges for vacuum devices [Compliant with JIS B 2290:1968]

* The shapes of the brazing/welding sections may be changed depending on the size.

Common specifications

Insulation resistance: 1000 MΩ or more (at DC 500 V)

Hermeticity: 1×10^{-10} Pa·m³/s or less