

GA Media: **air, water, coolant, oil**

Series GA rotary unions can be used for a wide spectrum of applications. The stainless steel rotor is supported by two ball bearings. Because of a unique system, the point of rotational contact is very effectively sealed. General purpose, low-cost union.

Media	Pressure	Temperature	Speed
Air	10 bar / 150psi	120° C / 248° F	3,800 - 6,000 rpm
Water, Oil	105 bar / 1528 psi	120° C / 248° F	3,800 - 6,000 rpm



GS/GSA Media: **air, water, coolant, hydraulic oil**

Series GS/GSA are very stable, and can even maintain a tight seal when used with abrasive media. Designed with a stainless steel rotor supported by two precision ball bearings, GS/GSA unions are especially stable, quiet, and vibration-free and are designed for high-speed applications.

Pressure	Temperature	Speed
100 bar / 1,450 psi	120° C / 248° F	15,000 rpm



GL/GLA Media: **water, coolant**

Series GL/GLA rotary unions are designed for difficult and high-speed coolant applications. The union incorporates a labyrinth seal to prevent the medium from coming in contact with the bearings. Has special seal for vertical applications.

Pressure	Temperature	Speed
70 bar / 1,015 psi	120° C / 248° F	15,000 rpm



GAI Media: **water, oil, air**

Designed with lubricated long-life bearings, series GAI rotary unions are compact in design and especially robust. They are designed for use on machines with small discharge amounts. The contact surface design reduces friction to a minimum.

Media	Pressure	Temperature	Speed
Liquid	70 bar / 1,015 psi	120° C / 248° F	3,800 - 6,000 rpm
Air	10 bar / 150 psi	120° C / 248° F	3,800 - 6,000 rpm



GX/GXA Media: **coolant**

GX/GXA rotary unions are designed to meet the special requirements of the machine tool industry. This union features "lift-off" seal with dry run capability.

Pressure	Temperature	Speed
70 bar / 1,015 psi	120° C / 248° F	12,000 rpm



GZ/GZA Media: **coolant**

GZ/GZA rotary unions are similar to types GX and GXA, but are designed for higher rpm use. This union features "lift-off" seal with dry run capability.

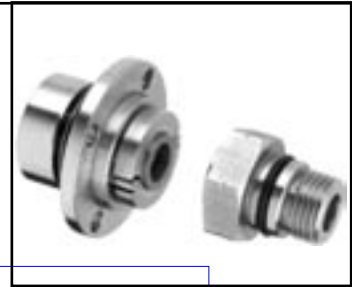
Pressure	Temperature	Speed
100 bar / 1,450 psi	120° C / 248° F	15,000 - 20,000 rpm



G5050 Media: **coolant**

Series G5050 rotary unions feature an on-off rotary joint designed for very high speed operation, eliminating bearings and thus reducing heat and vibration. The stationary part of the joint is mounted on the machine frame, and the separate rotor is mounted on the shaft.

Pressure	Temperature	Speed
105 bar / 1523 psi	120° C / 248° F	30,000 rpm



R Media: **air, steam, oil, water**

Series R rotary unions are a market leader because of their high-quality construction and robust design. Type R unions allow the rotary seal to be removed without removing the entire union from the machine.

Media	Pressure	Temperature	Speed
Air	6 bar / 88 psi	90° C / 194° F	1,500 rpm
Steam	10 bar / 147 psi	180° C / 356° F	750 rpm
Oil	7 bar / 102 psi	200° C / 392° F	3,000 rpm
Water	50 bar / 725 psi	90° C / 194° F	3,000 rpm



G2M/G4M Media: **air, oil**

G2M/G4M unions are multiple channel units with a stainless steel tube mounted on two ball bearings. The excellent sealing characteristics on the shaft in the seal area are made possible by a proprietary heating process.

Media	Pressure	Temperature	Speed
Air	10 bar / 145 psi	120° C / 248° F	100 rpm
Oil	60 bar / 870 psi	120° C / 248° F	100 rpm
Oil	250 bar / 3,626 psi	120° C / 248° F	10 rpm

