

**Data Sheet**

## RJT Hygienic Unions – BS 4825 Part 5

The RJT (Ring Type Joint) union is used extensively throughout the dairy, brewing and beverage industries. Originally introduced under the BS 1864: 1966 Standard for manual cleaning, this hexagonal screwed union utilises an O ring seal and is now covered by the standard BS 4825 Part 5. The wetted parts are supplied in 316 stainless steel and the nuts in 304 SS. The fitting is widely used throughout the UK and Europe and is useful in systems where regular dismantling is required. The RJT union is particularly forgiving when taking up tube misalignment on long lengths.

Designed to operate at a maximum working pressure of 10 Bar (1 MPa), at ambient temperature.

### Size range:

Imperial tube 1" to 6"

### Accessories:

Conical Strainers  
RJT Spanner  
Blank Nuts and Chains  
Pipe Clips and U Bolts  
SRJT  
Fabricated Bends, Tees and Manifolds  
Filters, Screens and Sampling  
Equipment



### Seal Materials:

Nitrile, EPDM, Silicone, Viton & PTFE

### Additional:

The **SRJT Union** was developed for large bore tubes and although based on the RJT fitting, the seal is flush fittings and produces a crevice free joint.

### SRJT size range:

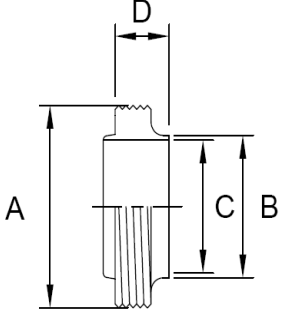
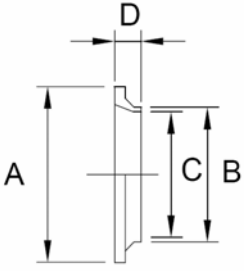
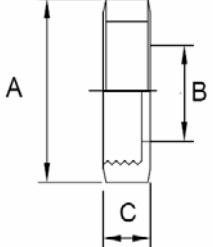
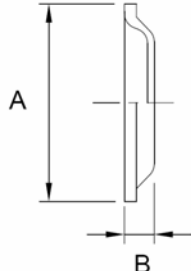
Imperial tube 4" to 6"

### Full range of Butterfly Valves, Ball Valves, Pressure Relief and Non-Return Associated Standards:

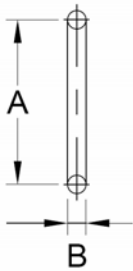
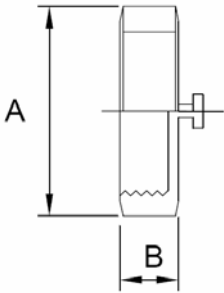
- BS 4825 Part 1 - Stainless Steel Tube for Food Industry and Hygienic Applications
- BS 4825 Part 2 - Stainless Steel Bends and Tees for the Food Industry
- ASTM A270 - Stainless Steel Tube for Sanitary, Dairy and Food Industries
- ASTM A269 - Stainless Steel Tubes for General Duties
- DIN 11852 - Hygienic Fittings, Metric
- DIN 11850 - Hygienic Tube, Metric
- DIN11864 - Aseptic Fittings, Flange, Clamp & Union
- DIN11866 - Pharmaceutical Tube, Metric
- ASME BPE - Pharmaceutical Tube, Imperial
- ISO 2037 - Stainless Steel Tubes for the Food Industry
- ASTM A213 - Stainless Steel Seamless Tube for Boiler and Heat Exchangers
- ASTM A312 - Stainless Steel Pipe for High Temperature and General uses
- ISO 1127 - Stainless Steel Tubes
- ISO 2851 - Stainless Steel Bends and Tees for the Food Industry
- SMS 3008 - Stainless Steel Tubes
- SMS 3017 - Stainless Steel Tubes

**Data Sheet**

**RJT Screwed Union – BS 4825 Part 5 – 1991**

RJT Screwed Union – BS 4825 Part 5 – 1991						
<p>RJT Male Part – Welding, 316</p> 	Size	A	B	C	D	Part No
	1"	46	25.4	22.2	26.5	5061-B026
	1.1/2"	58	38.1	34.9	26.5	5061-B038
	2"	73	50.8	47.6	26.5	5061-B051
	2.1/2"	85	63.5	60.3	26.5	5061-B064
	3"	98	76.2	73.0	26.5	5061-B076
	4"	123	101.6	97.6	26.5	5061-B102
<p>RJT Liner – Welding, 316</p> 	Size	A	B	C	D	Part No
	1"	41	25.4	22.2	12.7	5062-A026
	1.1/2"	54	38.1	34.9	12.7	5062-A038
	2"	67	50.8	47.6	12.7	5062-A051
	2.1/2"	79	63.5	60.3	12.7	5062-A064
	3"	92	76.2	73.0	12.7	5062-A076
	4"	117	101.6	97.6	12.7	5062-A102
<p>RJT Nut – Hexagon, 304</p> 	Size	A (A/F)	B	C	D	Part No
	1"	51	33	22		5065-C026
	1.1/2"	65	46	22		5065-C038
	2"	79	59	22		5065-C051
	2.1/2"	92	71	22		5065-C064
	3"	105	84	22		5065-C075
	4"	130	110	22		5065-C102
<p>RJT Blank Liner, 316</p> 	Size	A	B	C	D	Part No
	1"	41	8.7			5068-A026
	1.1/2"	54	8.7			5068-A038
	2"	67	8.7			5068-A051
	2.1/2"	79	8.7			5068-A064
	3"	92	8.7			5068-A076
	4"	117	8.7			5068-A102

**Data Sheet**

<b>RJT Screwed Union – BS 4825 Part 5 – 1991</b>						
<p>RJT O Ring, Nitrile</p> 	Size	A	B	C	D	Part No
	1"	33.3	6.6			5030-N026
	1.1/2"	46.0	6.6			5030-N038
	2"	58.7	6.6			5030-N051
	2.1/2"	71.4	6.6			5030-N064
	3"	84.1	6.6			5030-N076
	4"	100.5	6.6			5030-N102
						Additional materials include EPDM, Silicone, Viton and PTFE
<p>RJT Blank Nut – Hexagon, 304</p> 	Size	A	B	C	D	Part No
	1"	51	23.5			5069-C026
	1.1/2"	65	23.5			5069-C038
	2"	79	23.5			5069-C051
	2.1/2"	92	23.5			5069-C064
	3"	105	23.5			5069-C076
	4"	130	23.5			5069-C102