

Data Sheet

IDF / ISS Hygienic Union – BS 4825 Part 4

This hygienic union has been widely used since its recommendation by the International Dairy Federation in 1960. This hexagonal screwed union is more commonly referred to as an IDF fitting and is suitable for use in fixed pipework where little dismantling is required. The wetted parts are supplied in 316 stainless steel and the nuts in 304 SS. The union has a crevice free construction where a T shaped seal fits flush with the tube's bore.

The fitting is now covered by the standards BS 4825 Part 4 and ISO 2853.

Designed to operate up to a maximum working pressure of 16 Bar (1.6 Mpa) at ambient temperature.

Size range:

Imperial tube 1" to 4"

Seal Materials:

Nitrile, EPDM & Viton

Accessories:

Conical Strainers

Blank Nuts and Chains

IDF Spanner

Pipe Clips and U Bolts

Fabricated Bends, Tees and Manifolds

Filters, Screens and Sampling Equipment



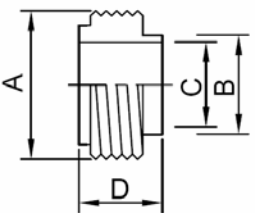
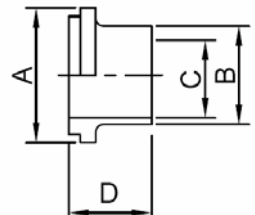
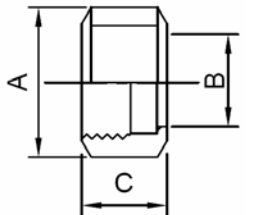
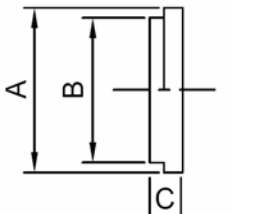
Full range of Butterfly Valves, Ball Valves, Pressure Relief and Non-Return

Associated Standards:

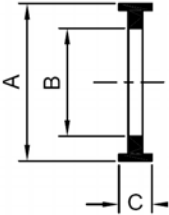
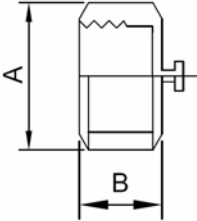
- BS 4825 Part 4 - Hygienic Stainless Steel Couplings for Food Applications
- ISO 2853 - Hygienic Stainless Steel Couplings for Food Applications
- BS 4825 Part 1 - Stainless Steel Tube for Food Industry Applications
- BS 4825 Part 2 - Stainless Steel Bends and Tees for the Food Industry
- ASTM A270 - Stainless Steel Tube for Sanitary, Dairy and Food Ind.
- 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
- 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

IDF Screwed Union – BS4825 Part 4 – 1991

IDF Male Part – Welding, 316	Size	A	B	C	D	Part No
	1"	37	25.4	22.2	21.5	4061-B026
	1.1/2"	51	38.1	34.9	21.5	4061-B038
	2"	64	50.8	47.6	21.5	4061-B051
	2.1/2"	78	63.5	60.3	21.5	4061-B064
	3"	91	76.2	73.0	21.5	4061-B076
	4"	126	101.6	97.6	30.0	4061-B102
	Please note that there are 2 standards for the 4" Male at 126mm & 131mm					
IDF Liner – Welding, 316	Size	A	B	C	D	Part No
	1"	33.8	25.4	22.2	21.5	4063-B026
	1.1/2"	47.0	38.1	34.9	21.5	4063-B038
	2"	60.5	50.8	47.6	21.5	4063-B051
	2.1/2"	74.0	63.5	60.3	21.5	4063-B064
	3"	87.5	76.2	73.0	21.5	4063-B076
	4"	120.6	101.6	97.6	30.0	4063-B102
	Please note that there are 2 standards for the 4" Liner					
IDF Nut – Hexagon, 304	Size	A/F	B	C	D	Part No
	1"	46	30.5	30		4065-C026
	1.1/2"	60	43.5	30		4065-C038
	2"	75	57.0	30		4065-C051
	2.1/2"	90	70.7	30		4065-C064
	3"	105	83.3	30		4065-C076
	4"	133	112.0	35		4065-C102
	Please note that there are 2 standards for the 4" Nuts					
IDF Blank Liner, 316	Size	A	B	C	D	Part No
	1"	33.8	29.2	7		4066-B026
	1.1/2"	47.0	42.7	7		4066-B038
	2"	60.5	56.2	7		4066-B051
	2.1/2"	74.0	69.9	7		4066-B064
	3"	87.5	82.6	7		4066-B076
	4"	120.6	111.1	7		4066-B102
	Please note that there are 2 standards for the 4" Liner					

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IDF Screwed Union – BS4825 Part 4 – 1991						
<p>IDF Seal, Nitrile</p> 	Size	A	B	C	D	Part No
	1"	32.5	23.2	7.0		4031-N026
	1.1/2"	46.0	35.9	7.0		4031-N038
	2"	59.5	48.6	7.0		4031-N051
	2.1/2"	73.2	61.3	7.0		4031-N064
	3"	86.5	74.0	7.0		4031-N076
	4"	119.0	98.6	7.6		4031-N102
						EPDM material also available
<p>IDF Blank Nut, 304SS</p> 	Size	A/F	B	C	D	Part No
	1"	46	30			4069-C026
	1.1/2"	60	30			4069-C038
	2"	75	30			4069-C051
	2.1/2"	90	30			4069-C064
	3"	105	30			4069-C076
	4"	133	35			4069-C102
						Please note that there are 2 standards for the 4" Nuts