

Technical specification



Unions are designed to provide a running joint while eliminating exposed threads, and are particularly suitable for use where a coupler would be impractical.

Unions are available in a variety of threadforms and can be supplied with male to female (type FB) or female to female (type FL) thread entries. The female connection thread of the union shall step not more than one size up from the male connection thread, or equal to one size up in the case of a thread gender change: e.g. M20(M) to M25(F) or M20(M) to 3/4" NPT(F).

Certifications and compliances

Code of protection categories

ATEX: I M2, Ex d IMb, Ex e I Mb or II GD, Ex d IIC Gb, Ex e IIC Gb, Ex tb IIIC Db

IECEX: Ex d I/IIC Mb/Gb , Ex e I/IIC Mb/Gb, Ex tb, IIIC Db, IP6X

GOST: ExdIIICU

INMETRO: BR-Ex d IIC Gb

Compliance standards

ATEX / INMETRO / GOST: EN 60079-0, EN60079-1, EN 60079-7, EN 60079-31

IECEX: IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 61241-1

Certificate details

ATEX: Sira 10ATEX1225X, ITS16ATEX101336X

IECEX: IECEX SIR 12.0014X, IECEX ITS16.0011X

GOST: POCC GB.ГБ06.В01060

INMETRO: NCC 12.0764X

Temperature

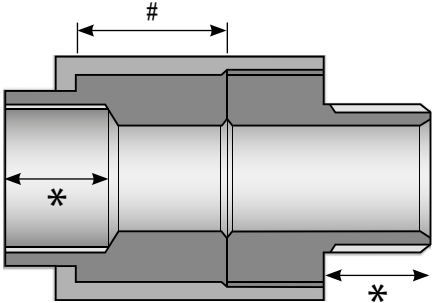
The item is classified as a component and therefore metallic products are not given an operating temperature range.



Product dimensions

Thread	Protusion (mm)	Bore (mm)	Diameter (mm)
M16	45.0	11.0	30.0
M20	45.0	14.3	42.0
M25	45.0	20.5	47.0
M32	45.0	26.8	54.0
M40	45.0	33.5	62.0
M50	45.0	44.0	77.0
M63	45.0	55.2	87.0
M75	45.0	66.7	102.0

Other sizes / threads are available upon request.



* Minimum 8 full threads parallel, 5 full threads taper. (Exd)
Flamepath in accordance with appropriate standards.

PRODUCT CODING EXAMPLE	Union (M-F)	Brass	M32 (M)	M32 (F)	Exd / Exe	PART NUMBER
	FB	A	14	14	Y	= FBA1414Y

For full product coding details, consult page 29.