

SU Series Unions

SU series unions connect hubs with detachable assembly
For use in Hazardous Locations



Application

- > SU series unions are installed to connect conduit to conduit, a conduit fitting, junction box or device enclosure in rigid conduit systems
- SU series unions are designed to connect conduits without change of direction
- > Classified and hazardous locations where flammable vapors, gases, ignitable dusts, fibers or flying are present

Features

- > SU series unions have taped thread in both two ends
 - M/F: One end is male thread, the other end is female thread
 - M/M: Both two ends are male thread
 - F/F: Both two ends are female thread
- > Compact threaded design which permits detachable assembly for both two ends, ease the connection and disconnection for two ends conduits
- > Super corrosion resistance, high strength impact resistance
- > Suitable thread for both two ends:
 - SU series unions
 - Metric thread (M16x1.5-M115x1.5) and NPT thread (NPT3/8" - NPT4")
- > Ingress protection: standard IP66, optional IP68 with special sealing
- > Operating Temperature: -40 °C ~ +100 °C

Standard Material

- > Carbon Steel
- > Nickel Plated Brass
- > 304 Stainless Steel
- > 316 Stainless Steel



Kit Accessories Options

- K0: no accessories
- K1: O-Ring



Certifications

EN Standard-ATEX

-  II 2 G Ex d IIC Gb
Zone 1, Zone 2 Group IIA, IIB and IIC
-  II 2 D Ex tb IIIC Db
Zone 21, Zone 22 Group IIIA, IIIB and IIIC

IEC Standard-IECEX

- Ex d IIC Gb
Zone 1, Zone 2 Group IIA, IIB and IIC
- Ex tb IIIC Db
Zone 21, Zone 22 Group IIIA, IIIB and IIIC

NEC Standard-UL

- Class I, Division 1, Group A B C D
- Class II, Division 1, Group E F G
- Type 4X

Ordering Information

Cat.#	Hub size	Cat.#	Hub size	Cat.#	Hub size
Male Thread/ Female Thread		Male Thread/ Male Thread		Female Thread / Female Thread	
SU-MF01A	M16x1.5/ M16x1.5	SU-MM01A	M16x1.5/ M16x1.5	SU-FF01A	M16x1.5/ M16x1.5
SU-MF01B	NPT3/8" /NPT3/8"	SU-MM01B	NPT3/8" /NPT3/8"	SU-FF01B	NPT3/8" /NPT3/8"
SU-MF02A	M20x1.5/ M20x1.5	SU-MM02A	M20x1.5/ M20x1.5	SU-FF02A	M20x1.5/ M20x1.5
SU-MF02B	NPT1/2" /NPT1/2"	SU-MM02B	NPT1/2" /NPT1/2"	SU-FF02B	NPT1/2" /NPT1/2"
SU-MF03A	M25x1.5/ M25x1.5	SU-MM03A	M25x1.5/ M25x1.5	SU-FF03A	M25x1.5/ M25x1.5
SU-MF03B	NPT3/4" /NPT3/4"	SU-MM03B	NPT3/4" /NPT3/4"	SU-FF03B	NPT3/4" /NPT3/4"
SU-MF04A	M32x1.5/ M32x1.5	SU-MM04A	M32x1.5/ M32x1.5	SU-FF04A	M32x1.5/ M32x1.5
SU-MF04B	NPT1" /NPT1"	SU-MM04B	NPT1" /NPT1"	SU-FF04B	NPT1" /NPT1"
SU-MF05A	M40x1.5/ M40x1.5	SU-MM05A	M40x1.5/ M40x1.5	SU-FF05A	M40x1.5/ M40x1.5
SU-MF05B	NPT1 1/4" /NPT1 1/4"	SU-MM05B	NPT1 1/4" /NPT1 1/4"	SU-FF05B	NPT1 1/4" /NPT1 1/4"
SU-MF06A	M50x1.5/ M50x1.5	SU-MM06A	M50x1.5/ M50x1.5	SU-FF06A	M50x1.5/ M50x1.5
SU-MF06B	NPT1 1/2" /NPT1 1/2"	SU-MM06B	NPT1 1/2" /NPT1 1/2"	SU-FF06B	NPT1 1/2" /NPT1 1/2"
SU-MF07A	M63x1.5/ M63x1.5	SU-MM07A	M63x1.5/ M63x1.5	SU-FF07A	M63x1.5/ M63x1.5
SU-MF07B	NPT2" /NPT2"	SU-MM07B	NPT2" /NPT2"	SU-FF07B	NPT2" /NPT2"



Male Thread/ Female Thread



Male Thread/ Male Thread



Female Thread / Female Thread

Catalogue Numbering System

SU-

MM

Thread Type of Conduit Hub

MM: Male/Male thread

MF: Male/Female thread

FF: Female /Female thread

01A

Thread Type

M16x1.5 – M115x1.5

NPT3/8" – NPT4"

KO

Kit Accessories

K0: no accessories

K1: O-Ring