

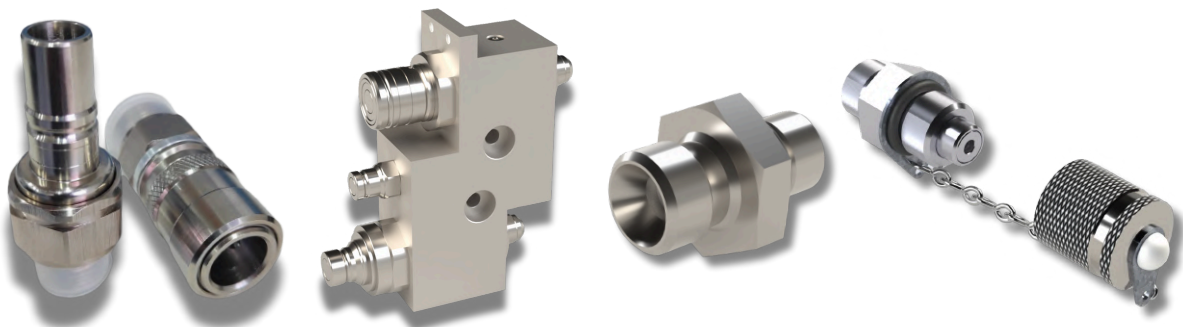
UNITREAD[®]

Hydraulic Quick Couplings

RIGHT CONNECTION FOR ALL FLUIDS



PRODUCT CATALOG



www.unitreadhydraulics.com

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Hydraulic Quick Couplings

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UNITREAD[®]
Hydraulic Quick Couplings

Unitread® is a manufacturer of all types and varieties of hydraulic quick release couplings to meet the needs of all OEMs and the replacement market, where quality, performance, and dependability are crucial at a reasonable price. A fully functional state-of-the-art machines and a complete product testing facility established in the industrial district of Pune (India).

To meet customer needs, we have created a wide range of products that are tailored and manufactured specifically for them. Our fully equipped engineering design lab uses the latest software to create innovative items.

Why Choose Us?

When it comes to hydraulic quick release couplings, we pride ourselves on being the industry leaders:

- **Quality Assurance:** Our couplings undergo rigorous testing to meet international standards, ensuring durability, reliability, and long service life.
- **Custom Solutions:** We understand that every application is unique. Our team of experts is ready to provide tailored solutions to meet your specific requirements.
- **Expert Support:** Our dedicated support team is always available to assist you with product selection, technical guidance, and troubleshooting.
- **Competitive Pricing:** We offer cost-effective solutions without compromising on quality, making us your ideal partner for hydraulic quick release couplings.

Take your hydraulic systems to the next level with our top-of-the-line quick release couplings. Explore our range of couplings and discover the perfect solution for your industrial needs. Let's revolutionize your hydraulic operations together!

ISO 9001, ISO 14001, ISO 45001

ISO 9001:2015 defines the requirements for Quality Management System of an organization to Design, Manufacture and Deliver products and services to meet customer as well as applicable statutory & regulatory requirements. The standard also specifies framework to assess the customer perception and the continual improvements.



The ISO 14001:2018 is the established and worldwide accepted standard for certifying environmental management systems. With a certification according to ISO 14001, you show your customers you take environmental protection and sustainability seriously in your work. What's more, you also cut costs by analyzing environmental impacts, optimize operational processes and minimize risks.



The Occupational Health and Safety (OH&S) management system, ISO 45001:2018, is a new international standard that provides a framework for an organisation to proactively improve its OH&S performance and manage risks and opportunities to help prevent work-related injuries and ill health to workers.



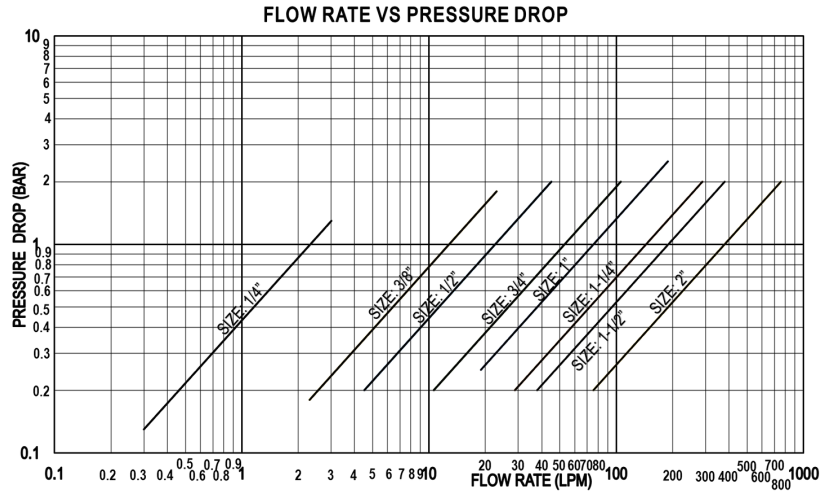
Selecting the right hydraulic quick-release coupling involves considering various factors to ensure optimal performance, safety, and compatibility with your hydraulic system. Here are some key criteria to consider when choosing a hydraulic quick-release coupling:

1. **Pressure Rating:** Choose a coupling that can handle the maximum operating pressure of your hydraulic system. It's important to ensure the coupling's pressure rating matches or exceeds the system's peak pressure to prevent leaks or failures.
2. **Flow Rate:** Consider the required flow rate for your application. Ensure that the coupling's flow capacity matches the flow rate of your hydraulic system to avoid restrictions that could lead to inefficiencies or system damage.
3. **Fluid Compatibility:** Ensure that the materials used in the coupling are compatible with the hydraulic fluid being used in your system. Different fluids can react with certain materials, leading to degradation, leaks, or other issues.
4. **Temperature Range:** Check the temperature range over which the coupling can safely operate. Hydraulic systems can experience a wide range of temperatures, and the coupling should be able to function effectively across these variations.
5. **Connection Type:** Choose a coupling connection type that is compatible with your existing equipment or the equipment you plan to connect. Common connection types include threaded, flat-face, and push-to-connect.
6. **Sealing Mechanism:** The coupling should have a reliable sealing mechanism to prevent leakage during connection and disconnection. Consider options such as O-rings, metal-to-metal seals, or flat-face seals, depending on your application's requirements.
7. **Durability:** The coupling should be constructed from high-quality materials that can withstand the operational conditions of your application. Look for couplings with corrosion resistance, rugged design, and resistance to wear and tear.
8. **Safety Features:** Some couplings offer additional safety features, such as locking mechanisms that prevent accidental disconnection, color-coded indicators for proper connection alignment, or pressure relief valves to minimize the risk of sudden pressure releases.
9. **Interchangeability:** If you're working with multiple hydraulic systems or need to connect with equipment from different manufacturers, consider couplings that are interchangeable with industry-standard designs to ensure compatibility.
10. **Ease of Use:** Look for couplings that are easy to connect and disconnect, even in tight spaces or under challenging conditions. Quick and effortless connections can improve efficiency and reduce downtime.
11. **Environmental Considerations:** If your application involves exposure to harsh environments, chemicals, or other challenging conditions, ensure that the coupling's materials and design can handle these conditions without degradation.
12. **Size and Weight:** Depending on your application, the size and weight of the coupling can be important factors. Make sure the coupling's dimensions fit the available space and that it doesn't add unnecessary weight to the system.
13. **Serviceability:** Consider whether the coupling can be easily serviced or repaired in case of maintenance or issues. Quick and straightforward maintenance procedures can reduce downtime and maintenance costs.
14. **Cost:** While cost shouldn't be the sole determinant, it's important to find a coupling that meets your requirements without exceeding your budget.

By carefully evaluating these criteria and understanding your specific application's needs, you can select the most suitable hydraulic quick-release coupling for your system. It's often a good idea to consult with experts or manufacturers to ensure you make an informed decision.

Standard Male couplings for agriculture, ISO 7241 - A interchange

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	315	315	250	250	200	200	160	100
Burst Pressure (Bar) Min.	1260	1260	1000	1000	800	800	640	400

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII)



Seals
Nitrile



Valve Style
Poppet



Working Temperature
-30°C to +100°C

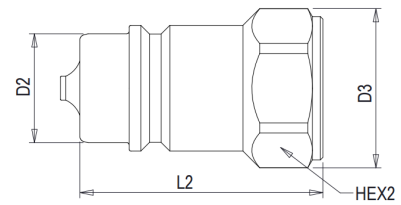


Connection Under Pressure
Allowed Residual

Application



Standard Male couplings for agriculture, ISO 7241 - A interchange

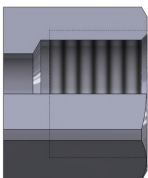


SIZE		THREAD DETAILS			DIMENSIONS			
mm	inch	STANDARD	THREAD (FEMALE)	PART NO.	D2	D3	L2	HEX2
6.3	1/4"	ISO 1179-1	1/4" BSP	U00MAAFBA	11.7	20.8	33.8	19
6.3	1/4"	ISO 7-1	1/4" BSPT	U00MAAFTA	11.7	20.8	33.8	19
6.3	1/4"	ANSI B1.20.3	1/4"-18 NPTF	U00MAAFFA	11.7	20.8	33.8	19
10	3/8"	ISO 1179-1	3/8" BSP	U00MBAFBB	17.2	24	38	22
10	3/8"	ISO 7-1	3/8" BSPT	U00MBAFTB	17.2	24	38	22
10	3/8"	ANSI B1.20.3	3/8"-18 NPTF	U00MBAFFB	17.2	24	38	22
12.5	1/2"	ISO 1179-1	1/2" BSP	U00MCAFBC	20.5	30	45.9	27
12.5	1/2"	ISO 7-1	1/2" BSPT	U00MCAFTC	20.5	30	45.9	27
12.5	1/2"	ANSI B1.20.3	1/2"-14 NPTF	U00MCAFFC	20.5	30	45.9	27
12.5	1/2"	SAE J1926-1	3/4"-16 UNF	U00MCAFUN	20.5	30	45.9	27
12.5	1/2"	SAE J1926-1	7/8"-14 UNF	U00MCAFUUV	20.5	30	45.9	27
12.5	1/2"	DIN 3852-1	M20x1.5P	U00MCAFMH	20.5	30	45.9	27
12.5	1/2"	DIN 3852-1	M22x1.5P	U00MCAFMK	20.5	30	45.9	27
20	3/4"	ISO 1179-1	3/4" BSP	U00MDAFBE	29.1	39	55	36
20	3/4"	ISO 7-1	3/4" BSPT	U00MDAFTE	29.1	39	55	36
20	3/4"	ANSI B1.20.3	3/4"-14 NPTF	U00MDAFFE	29.1	39	55	36
25	1"	ISO 1179-1	1" BSP	U00MEAFBF	34.2	45	63	41
25	1"	ISO 7-1	1" BSPT	U00MEAFTF	34.2	45	63	41
25	1"	ANSI B1.20.3	1"-11 1/2 NPTF	U00MEAFFF	34.2	45	63	41
31.5	1 1/4"	ISO 1179-1	1 1/4" BSP	U00MFAFBG	44.9	55	74	50
31.5	1 1/4"	ISO 7-1	1 1/4" BSPT	U00MFAFTG	44.9	55	74	50
31.5	1 1/4"	ANSI B1.20.3	1 1/4"-11 1/2 NPTF	U00MFAFFG	44.9	55	74	50
40	1 1/2"	ISO 1179-1	1 1/2" BSP	U00MGAFBH	55	67	85	60
40	1 1/2"	ISO 7-1	1 1/2" BSPT	U00MGAFTH	55	67	85	60
40	1 1/2"	ANSI B1.20.3	1 1/2"-11 1/2 NPTF	U00MGAFFH	55	67	85	60
50	2"	ISO 1179-1	2" BSP	U00MHAFBI	65	82.5	100	75
50	2"	ISO 7-1	2" BSPT	U00MHAFTI	65	82.5	100	75
50	2"	ANSI B1.20.3	2"-11 1/2 NPTF	U00MHAFFI	65	82.5	100	75

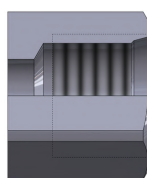
All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details



ISO 1179-1, ISO 7-1,
ANSI B1.20.3 & DIN 3852-1

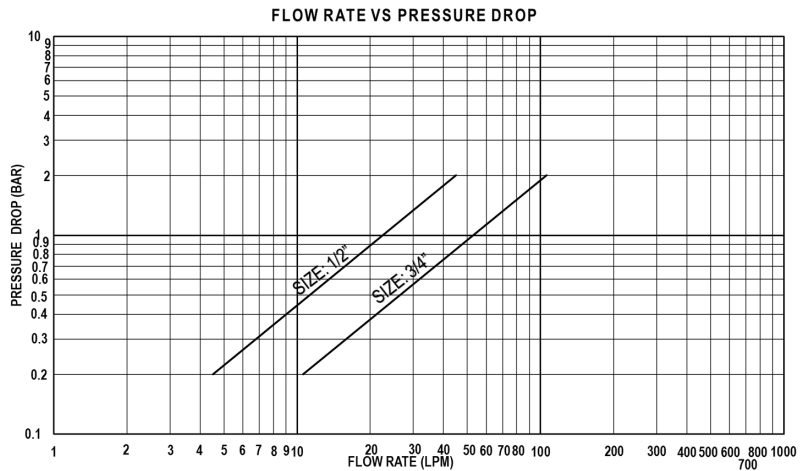


SAE J1926-1

ISO A SERIES – MALE (CONNECT UNDER PRESSURE)

Standard Male couplings for agriculture with Connect Under Pressure, ISO 7241 - A interchange

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	-	-	250	250	-	-	-	-
Burst Pressure (Bar) Min.	-	-	1000	1000	-	-	-	-

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII)



Seals
Nitrile



Valve Style
Poppet



Working Temperature
-30°C to +100°C



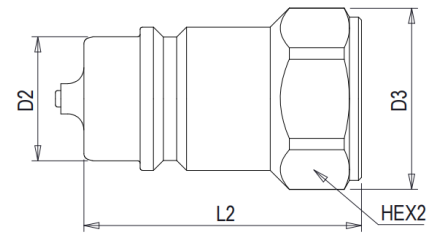
Connection Under Pressure
Allowed Residual

Application



ISO A SERIES – MALE (CONNECT UNDER PRESSURE)

Standard Male couplings for agriculture with Connect Under Pressure, ISO 7241 - A interchange

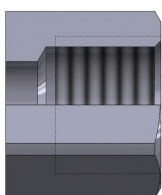


SIZE		THREAD DETAILS			DIMENSIONS			
mm	inch	STANDARD	THREAD (FEMALE)	PART NO.	D2	D3	L2	HEX2
12.5	1/2"	ISO 1179-1	1/2" BSP	U00MCACFBC	20.5	30	45.9	27
12.5	1/2"	ISO 7-1	1/2" BSPT	U00MCACFTC	20.5	30	45.9	27
12.5	1/2"	ANSI B1.20.3	1/2"-14 NPTF	U00MCACFFC	20.5	30	45.9	27
12.5	1/2"	SAE J1926-1	3/4"-16 UNF	U00MCACFUN	20.5	30	45.9	27
12.5	1/2"	SAE J1926-1	7/8"-14 UNF	U00MCACFUV	20.5	30	45.9	27
12.5	1/2"	DIN 3852-1	M20x1.5P	U00MCACFMH	20.5	30	45.9	27
12.5	1/2"	DIN 3852-1	M22x1.5P	U00MCACFMK	20.5	30	45.9	27
20	3/4"	ISO 1179-1	3/4" BSP	U00MDACFBE	29.1	39	55	36
20	3/4"	ISO 7-1	3/4" BSPT	U00MDACFTE	29.1	39	55	36
20	3/4"	ANSI B1.20.3	3/4"-14 NPTF	U00MDACFFE	29.1	39	55	36
20	3/4"	SAE J1926-1	3/4"-16 UNF	U00MDACFUN	29.1	39	55	36
20	3/4"	SAE J1926-1	7/8"-14 UNF	U00MDACFUV	29.1	39	55	36
20	3/4"	SAE J1926-1	1"-1/16-12 UN	U00MDACFUS	29.1	39	55	36

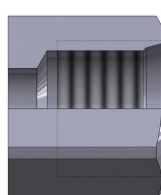
All Dimensions are in mm

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Thread Standard Details



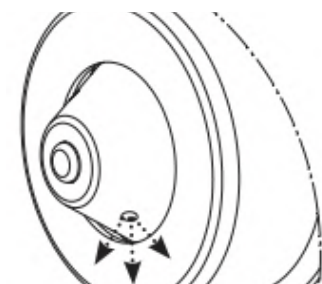
ISO 1179-1, ISO 7-1,
ANSI B1.20.3 & DIN 3852-1



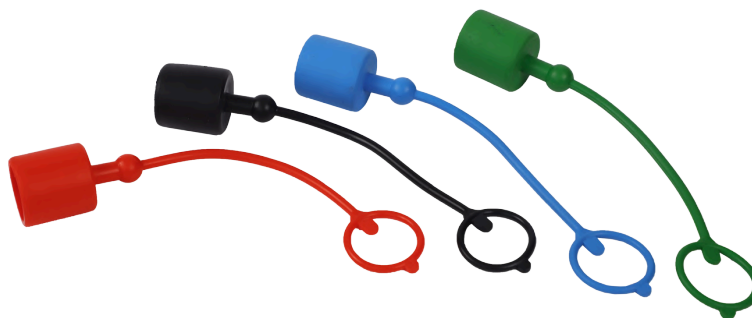
SAE J1926-1

PRESSURE RELIEF VALVE

Pressure released by
the Relief Valve



DUST CAP – MALE FOR ISO A SERIES



SIZE		MATERIAL	COLOUR	PART NO.
mm	inch			
6.3	1/4"	PVC	RED	U88MAAE-R
6.3	1/4"	PVC	BLUE	U88MAAE-BU
6.3	1/4"	PVC	BLACK	U88MAAE-BL
6.3	1/4"	PVC	GREEN	U88MAAE-G
6.3	1/4"	PVC	YELLOW	U88MAAE-Y
6.3	1/4"	PVC	BROWN	U88MAAE-BRW
10	3/8"	PVC	RED	U88MBAE-R
10	3/8"	PVC	BLUE	U88MBAE-BU
10	3/8"	PVC	BLACK	U88MBAE-BL
10	3/8"	PVC	GREEN	U88MBAE-G
10	3/8"	PVC	YELLOW	U88MBAE-Y
10	3/8"	PVC	BROWN	U88MBAE-BRW
12.5	1/2"	PVC	RED	U88MCAMR3-R
12.5	1/2"	PVC	BLUE	U88MCAMR3-BU
12.5	1/2"	PVC	BLACK	U88MCAMR3-BL
12.5	1/2"	PVC	GREEN	U88MCAMR3-G
12.5	1/2"	PVC	YELLOW	U88MCAMR3-Y
12.5	1/2"	PVC	BROWN	U88MCAMR3-BRW
20	3/4"	PVC	RED	U88MDAE-R
20	3/4"	PVC	BLUE	U88MDAE-BU
20	3/4"	PVC	BLACK	U88MDAE-BL
20	3/4"	PVC	GREEN	U88MDAE-G
20	3/4"	PVC	YELLOW	U88MDAE-Y
20	3/4"	PVC	BROWN	U88MDAE-BRW
25	1"	PVC	RED	U88MEAE-R
25	1"	PVC	BLUE	U88MEAE-BU
25	1"	PVC	BLACK	U88MEAE-BL
25	1"	PVC	GREEN	U88MEAE-G
25	1"	PVC	YELLOW	U88MEAE-Y
25	1"	PVC	BROWN	U88MEAE-BRW

PARKING WITH CAP - MALE FOR ISO A



SIZE		MATERIAL	COLOUR	PART NO.
mm	inch			
12.5	1/2"	STEEL + NYLON	----	U00AMCMMGF

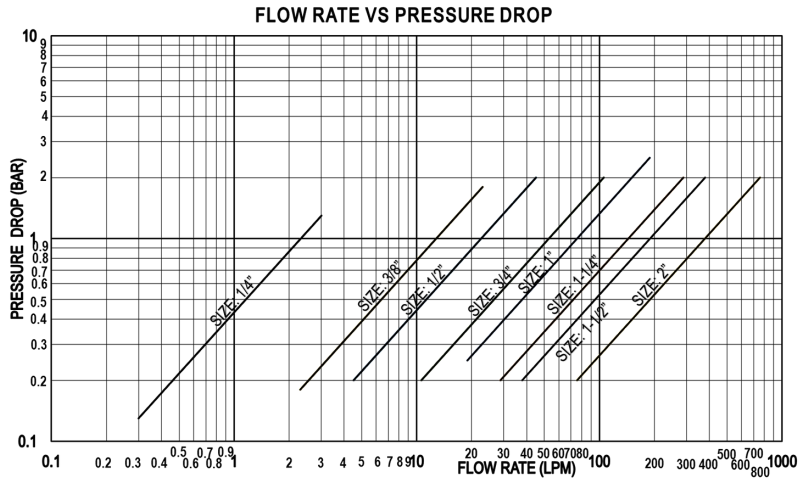
PARKING - MALE FOR ISO A



SIZE		MATERIAL	COLOUR	PART NO.
mm	inch			
12.5	1/2"	CARBON STEEL	----	U00PCAMMG

Standard Female couplings for agriculture, ISO 7241 - A interchange

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	315	315	250	250	200	200	160	100
Burst Pressure (Bar) Min.	1260	1260	1000	1000	800	800	640	400

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII)



Seals
Nitrile



Valve Style
Poppet



Working Temperature
-30°C to +100°C



Connection Under Pressure
Not Allowed

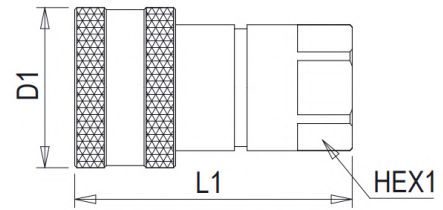


Connection / Disconnection
Sleeve Retraction

Application



Standard Female couplings for agriculture, ISO 7241 - A interchange

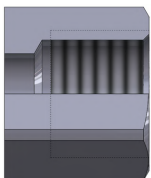


SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD (FEMALE)	PART NO.	D1	L1	HEX1
6.3	1/4"	ISO 1179-1	1/4" BSP	U00FAAFBA	26	48.8	19
6.3	1/4"	ISO 7-1	1/4" BSPT	U00FAAFTA	26	48.8	19
6.3	1/4"	ANSI B1.20.3	1/4"-18 NPTF	U00FAAFFA	26	48.8	19
10	3/8"	ISO 1179-1	3/8" BSP	U00FBAFBB	30	55.8	22
10	3/8"	ISO 7-1	3/8" BSPT	U00FBAFTB	30	55.8	22
10	3/8"	ANSI B1.20.3	3/8"-18 NPTF	U00FBAFFB	30	55.8	22
12.5	1/2"	ISO 1179-1	1/2" BSP	U00FCAFBC	38	66	27
12.5	1/2"	ISO 7-1	1/2" BSPT	U00FCAFTC	38	66	27
12.5	1/2"	ANSI B1.20.3	1/2"-14 NPTF	U00FCAFFC	38	66	27
12.5	1/2"	SAE J1926-1	3/4"-16 UNF	U00FCAFUN	38	66	27
12.5	1/2"	SAE J1926-1	7/8"-14 UNF	U00FCAFUV	38	66	27
12.5	1/2"	DIN 3852-1	M20x1.5P	U00FCAFMH	38	66	27
12.5	1/2"	DIN 3852-1	M22x1.5P	U00FCAFMK	38	66	27
20	3/4"	ISO 1179-1	3/4" BSP	U00FDAFBE	46	82	36
20	3/4"	ISO 7-1	3/4" BSPT	U00FDAFTE	46	82	36
20	3/4"	ANSI B1.20.3	3/4"-14 NPTF	U00FDAFFE	46	82	36
25	1"	ISO 1179-1	1" BSP	U00FEAFBF	54	97	41
25	1"	ISO 7-1	1" BSPT	U00FEAFTF	54	97	41
25	1"	ANSI B1.20.3	1"-11 1/2 NPTF	U00FEAFFF	54	97	41
31.5	1 1/4"	ISO 1179-1	1 1/4" BSP	U00FFAFBG	69	116.2	50
31.5	1 1/4"	ISO 7-1	1 1/4" BSPT	U00FFAFTG	69	116.2	50
31.5	1 1/4"	ANSI B1.20.3	1 1/4"-11 1/2 NPTF	U00FFAFFG	69	116.2	50
40	1 1/2"	ISO 1179-1	1 1/2" BSP	U00FGAFBH	81	135.4	60
40	1 1/2"	ISO 7-1	1 1/2" BSPT	U00FGAFTH	81	135.4	60
40	1 1/2"	ANSI B1.20.3	1 1/2"-11 1/2 NPTF	U00FGAFFH	81	135.4	60
50	2"	ISO 1179-1	2" BSP	U00FHAFBI	99	160.2	75
50	2"	ISO 7-1	2" BSPT	U00FHAFTI	99	160.2	75
50	2"	ANSI B1.20.3	2"-11 1/2 NPTF	U00FHAFFI	99	160.2	75

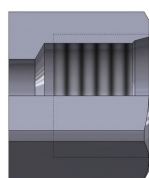
All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details

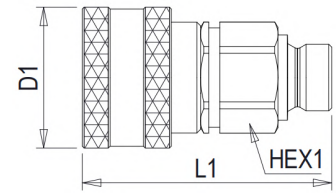


ISO 1179-1, ISO 7-1,
ANSI B1.20.3 & DIN 3852-1



SAE J1926-1

Standard Female couplings for agriculture, ISO 7241 - A interchange

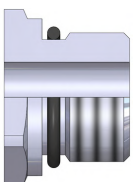


SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD (MALE)	PART NO.	D1	L1	HEX1
10	3/8"	ISO 8434-6	3/8" BSP	U00FBAMBB	30	72.8	24
10	3/8"	ISO 8434-1L	M12x1.5P	U00FBAMMDSL	30	70.8	24
10	3/8"	ISO 8434-1L	M14x1.5P	U00FBAMMESL	30	70.8	24
10	3/8"	ISO 8434-1L	M16x1.5P	U00FBAMMFSL	30	71.8	24
10	3/8"	ISO 8434-1L	M18x1.5P	U00FBAMMGSL	30	71.8	24
10	3/8"	ISO 8434-1S	M14x1.5P	U00FBAMMESS	30	72.8	24
10	3/8"	ISO 8434-1S	M16x1.5P	U00FBAMMFSS	30	72.8	24
10	3/8"	ISO 8434-1S	M18x1.5P	U00FBAMMGSS	30	72.8	24
10	3/8"	ISO 8434-1S	M20x1.5P	U00FBAMMHSS	30	72.8	24
12.5	1/2"	ISO 8434-6	1/2" BSP	U00FCAMBC	38	70.3	27
12.5	1/2"	ISO 8434-2	3/4"-16 UNF	U00FCAMUN	38	73	27
12.5	1/2"	ISO 8434-2	7/8"-14 UNF	U00FCAMUV	38	75.6	27
12.5	1/2"	ISO 8434-3	13/16"-16 UN	U00FCAMUJ	38	69.3	27
12.5	1/2"	ISO 8434-3	1"-14 UNS	U00FCAMUO	38	71.8	27
12.5	1/2"	ISO 8434-1L	M12x1.5P	U00FCAMMDSL	38	66.3	27
12.5	1/2"	ISO 8434-1L	M14x1.5P	U00FCAMMESL	38	66.3	27
12.5	1/2"	ISO 8434-1L	M16x1.5P	U00FCAMMFSL	38	67.3	27
12.5	1/2"	ISO 8434-1L	M18x1.5P	U00FCAMMGSL	38	67.3	27
12.5	1/2"	ISO 8434-1L	M22x1.5P	U00FCAMMKSL	38	68.3	27
12.5	1/2"	ISO 8434-1L	M26x1.5P	U00FCAMMLSL	38	68.3	27
12.5	1/2"	ISO 8434-1S	M14x1.5P	U00FCAMMESS	38	68.3	27
12.5	1/2"	ISO 8434-1S	M16x1.5P	U00FCAMMFSS	38	68.3	27
12.5	1/2"	ISO 8434-1S	M18x1.5P	U00FCAMMGSS	38	68.3	27
12.5	1/2"	ISO 8434-1S	M20x1.5P	U00FCAMMHSS	38	68.3	27
12.5	1/2"	ISO 8434-1S	M24x1.5P	U00FCAMMISS	38	70.3	27
12.5	1/2"	ISO 6149-2	M18x1.5P	U00FCAMMGS	38	72.8	27
12.5	1/2"	ISO 6149-2	M22x1.5P	U00FCAMMKS	38	73.8	27
20	3/4"	ISO 8434-6	3/4" BSP	U00FDAMBE	46	91	36
20	3/4"	ISO 8434-1L	M16x1.5P	U00FDAMMFSL	46	86	36
20	3/4"	ISO 8434-1L	M18x1.5P	U00FDAMMGSL	46	86	36
20	3/4"	ISO 8434-1L	M22x1.5P	U00FDAMMKSL	46	87	36

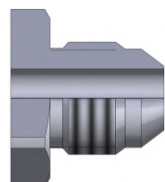
All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

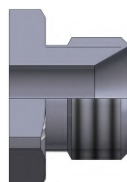
Thread Standard Details



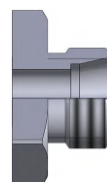
ISO 6149-2



ISO 8434-2

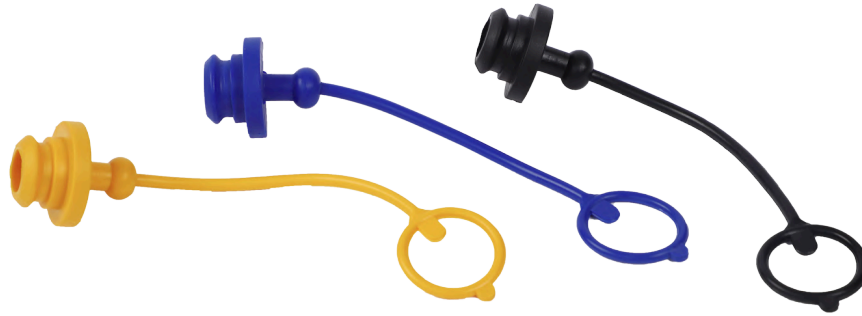


ISO 8434-6



ISO 8434-1(L/S)

DUST PLUG (SHORT) – FEMALE FOR ISO A SERIES



SIZE		MATERIAL	COLOUR	PART NO.
mm	inch			
6.3	1/4"	PVC	RED	U87FAAE-R
6.3	1/4"	PVC	BLUE	U87FAAE-BU
6.3	1/4"	PVC	BLACK	U87FAAE-BL
6.3	1/4"	PVC	GREEN	U87FAAE-G
6.3	1/4"	PVC	YELLOW	U87FAAE-Y
6.3	1/4"	PVC	BROWN	U87FAAE-BRW
10	3/8"	PVC	RED	U87FBAE-R
10	3/8"	PVC	BLUE	U87FBAE-BU
10	3/8"	PVC	BLACK	U87FBAE-BL
10	3/8"	PVC	GREEN	U87FBAE-G
10	3/8"	PVC	YELLOW	U87FBAE-Y
10	3/8"	PVC	BROWN	U87FBAE-BRW
12.5	1/2"	PVC	RED	U87FCAMR3-R
12.5	1/2"	PVC	BLUE	U87FCAMR3-BU
12.5	1/2"	PVC	BLACK	U87FCAMR3-BL
12.5	1/2"	PVC	GREEN	U87FCAMR3-G
12.5	1/2"	PVC	YELLOW	U87FCAMR3-Y
12.5	1/2"	PVC	BROWN	U87FCAMR3-BRW
20	3/4"	PVC	RED	U87FDAE-R
20	3/4"	PVC	BLUE	U87FDAE-BU
20	3/4"	PVC	BLACK	U87FDAE-BL
20	3/4"	PVC	GREEN	U87FDAE-G
20	3/4"	PVC	YELLOW	U87FDAE-Y
20	3/4"	PVC	BROWN	U87FDAE-BRW
25	1"	PVC	RED	U87FEAE-R
25	1"	PVC	BLUE	U87FEAE-BU
25	1"	PVC	BLACK	U87FEAE-BL
25	1"	PVC	GREEN	U87FEAE-G
25	1"	PVC	YELLOW	U87FEAE-Y
25	1"	PVC	BROWN	U87FEAE-BRW

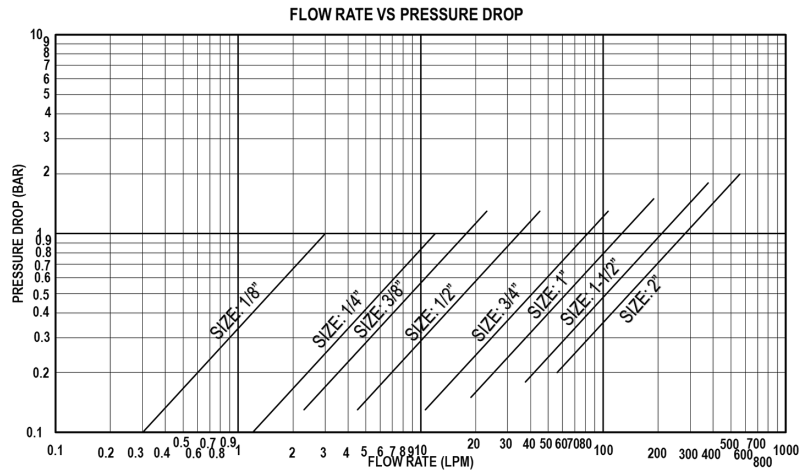
FLIP FLOP CAP – FEMALE FOR ISO A



SIZE		MATERIAL	COLOUR	PART NO.
mm	inch			
10	3/8"	PLASTIC	RED	U00SLFCB-R
10	3/8"	PLASTIC	BLUE	U00SLFCB-BU
10	3/8"	PLASTIC	BLACK	U00SLFCB-BL
10	3/8"	PLASTIC	GREEN	U00SLFCB-G
10	3/8"	PLASTIC	YELLOW	U00SLFCB-Y
12.5	1/2"	PLASTIC	RED	U00SLFCC-R
12.5	1/2"	PLASTIC	BLUE	U00SLFCC-BU
12.5	1/2"	PLASTIC	BLACK	U00SLFCC-BL
12.5	1/2"	PLASTIC	GREEN	U00SLFCC-G
12.5	1/2"	PLASTIC	YELLOW	U00SLFCC-Y
20	3/4"	PLASTIC	RED	U00SLFCD-R
20	3/4"	PLASTIC	BLUE	U00SLFCD-BU
20	3/4"	PLASTIC	BLACK	U00SLFCD-BL
20	3/4"	PLASTIC	GREEN	U00SLFCD-G
20	3/4"	PLASTIC	YELLOW	U00SLFCD-Y

Standard Male couplings for Industrial applications, ISO 7241 - B interchange

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/2"	2"
Max. working pressure (Bar)	250	250	250	250	160	100	63	50
Burst Pressure (Bar) Min.	1000	1000	1000	1000	640	400	250	200

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII)



Seals
Nitrile



Valve Style
Poppet



Working Temperature
-30°C to +100°C



Connection Under Pressure
Not Allowed

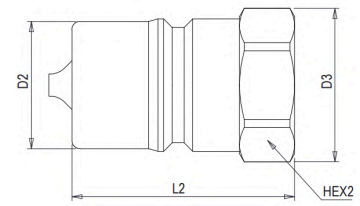


Connection / Disconnection
Sleeve Retraction

Application



Standard Male couplings for Industrial applications, ISO 7241 - B interchange

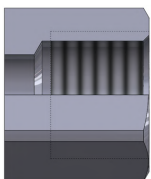


SIZE		THREAD DETAILS			DIMENSIONS			
mm	inch	STANDARD	THREAD (FEMALE)	PART NO.	D2	D3	L2	HEX2
3.2	1/8"	ISO 1179-1	1/8" BSP	U00MMBFZ	10.8	19	315	17
3.2	1/8"	ISO 7-1	1/8" BSPT	U00MMBFTZ	10.8	19	31.5	17
3.2	1/8"	ANSI B1.20.3	1/8"-27 NPTF	U00MMBFFZ	10.8	19	31.5	17
6.3	1/4"	ISO 1179-1	1/4" BSP	U00MABFBA	14.2	21	36	19
6.3	1/4"	ISO 7-1	1/4" BSPT	U00MABFTA	14.2	21	36	19
6.3	1/4"	ANSI B1.20.3	1/4"-18 NPTF	U00MABFFA	14.2	21	36	19
6.3	1/4"	SAE J1926-1	9/16"-18 UNF	U00MABFUA2	14.2	21	36	19
10	3/8"	ISO 1179-1	3/8" BSP	U00MBBFBB	19.1	24	40	22
10	3/8"	ISO 7-1	3/8" BSPT	U00MBBFTB	19.1	24	40	22
10	3/8"	ANSI B1.20.3	3/8"-18 NPTF	U00MBBFFB	19.1	24	40	22
12.5	1/2"	ISO 1179-1	1/2" BSP	U00MCBFBC	23.5	30	44	27
12.5	1/2"	ISO 7-1	1/2" BSPT	U00MCBFTC	23.5	30	44	27
12.5	1/2"	ANSI B1.20.3	1/2"-14 NPTF	U00MCBFFC	23.5	30	44	27
20	3/4"	ISO 1179-1	3/4" BSP	U00MDBFBE	31.4	38	55.1	34
20	3/4"	ISO 7-1	3/4" BSPT	U00MDBFTE	31.4	38	55.1	34
20	3/4"	ANSI B1.20.3	3/4"-14 NPTF	U00MDBFFE	31.4	38	55.1	34
25	1"	ISO 1179-1	1" BSP	U00MEBFBF	37.8	45	66	41
25	1"	ISO 7-1	1" BSPT	U00MEBFTF	37.8	45	66	41
25	1"	ANSI B1.20.3	1"-11 1/2 NPTF	U00MEBFFF	37.8	45	66	41
40	1 1/2"	ISO 1179-1	1 1/2" BSP	U00MGBFBH	44.5	69	137.7	60.2
40	1 1/2"	ISO 7-1	1 1/2" BSPT	U00MGBFTH	44.5	69	137.7	60.2
40	1 1/2"	ANSI B1.20.3	1 1/2"-11 1/2 NPTF	U00MGBFFH	44.5	69	137.7	60.2
50	2"	ISO 1179-1	2" BSP	U00MHBFBFI	63.25	97	142	89
50	2"	ISO 7-1	2" BSPT	U00MHBFTI	63.25	97	142	89
50	2"	ANSI B1.20.3	2"-11 1/2 NPTF	U00MHBFFI	63.25	97	142	89

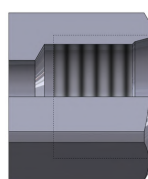
All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details

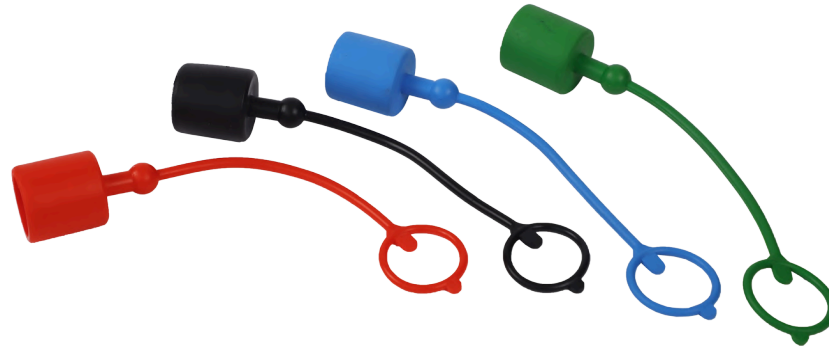


ISO 1179-1, ISO 7-1,
ANSI B1.20.3 & DIN 3852-1



SAE J1926-1

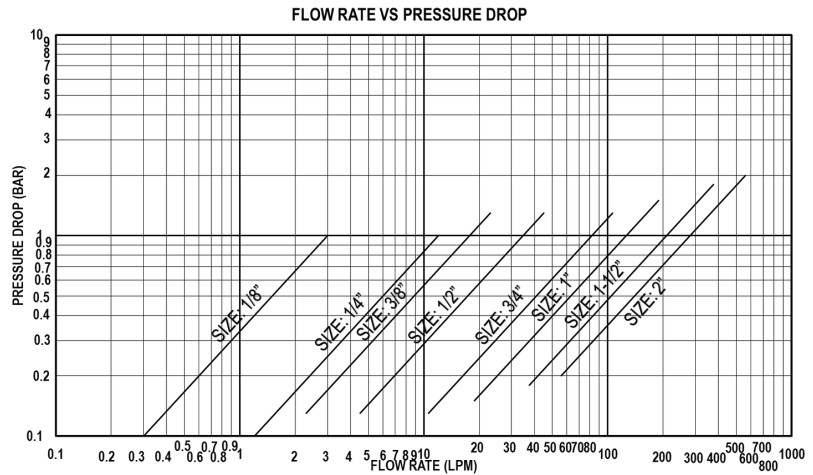
DUST CAP – MALE FOR ISO B SERIES



SIZE		MATERIAL	COLOUR	PART NO.
mm	inch			
6.3	1/4"	PVC	RED	U88MABE-R
6.3	1/4"	PVC	BLUE	U88MABE-BU
6.3	1/4"	PVC	BLACK	U88MABE-BL
6.3	1/4"	PVC	GREEN	U88MABE-G
6.3	1/4"	PVC	YELLOW	U88MABE-Y
6.3	1/4"	PVC	BROWN	U88MABE-BRW
10	3/8"	PVC	RED	U88MBBE-R
10	3/8"	PVC	BLUE	U88MBBE-BU
10	3/8"	PVC	BLACK	U88MBBE-BL
10	3/8"	PVC	GREEN	U88MBBE-G
10	3/8"	PVC	YELLOW	U88MBBE-Y
10	3/8"	PVC	BROWN	U88MBBE-BRW
12.5	1/2"	PVC	RED	U88MCBE-R
12.5	1/2"	PVC	BLUE	U88MCBE-BU
12.5	1/2"	PVC	BLACK	U88MCBE-BL
12.5	1/2"	PVC	GREEN	U88MCBE-G
12.5	1/2"	PVC	YELLOW	U88MCBE-Y
12.5	1/2"	PVC	BROWN	U88MCBE-BRW
20	3/4"	PVC	RED	U88MDBE-R
20	3/4"	PVC	BLUE	U88MDBE-BU
20	3/4"	PVC	BLACK	U88MDBE-BL
20	3/4"	PVC	GREEN	U88MDBE-G
20	3/4"	PVC	YELLOW	U88MDBE-Y
20	3/4"	PVC	BROWN	U88MDBE-BRW
25	1"	PVC	RED	U88MEBE-R
25	1"	PVC	BLUE	U88MEBE-BU
25	1"	PVC	BLACK	U88MEBE-BL
25	1"	PVC	GREEN	U88MEBE-G
25	1"	PVC	YELLOW	U88MEBE-Y
25	1"	PVC	BROWN	U88MEBE-BRW

Standard Female couplings for Industrial application, ISO 7241 - B interchange

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/2"	2"
Max. working pressure (Bar)	250	250	250	250	160	100	63	50
Burst Pressure (Bar) Min.	1000	1000	1000	1000	640	400	250	200

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII)



Seals
Nitrile



Valve Style
Poppet



Working Temperature
-30°C to +100°C



Connection Under Pressure
Not Allowed

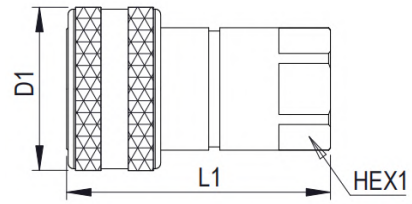


Connection / Disconnection
Sleeve Retraction

Application



Standard Female couplings for Industrial applications, ISO 7241 - B interchange

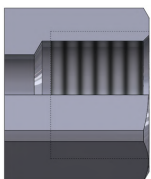


SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD (FEMALE)	PART NO.	D1	L1	HEX1
3.2	1/8"	ISO 1179-1	1/8" BSP	U00FMBFBZ	23	50.3	18
3.2	1/8"	ISO 7-1	1/8" BSPT	U00FMBFTZ	23	50.3	18
3.2	1/8"	ANSI B1.20.3	1/8"-27 NPTF	U00FMBFFZ	23	50.3	18
6.3	1/4"	ISO 1179-1	1/4" BSP	U00FABFBA	27	57.5	22
6.3	1/4"	ISO 7-1	1/4" BSPT	U00FABFTA	27	57.5	22
6.3	1/4"	ANSI B1.20.3	1/4"-18 NPTF	U00FABFFA	27	57.5	22
6.3	1/4"	SAE J1926-1	9/16"-18 UNF	U00FABFUA2	27	57.5	22
10	3/8"	ISO 1179-1	3/8" BSP	U00FBBFBB	34	65.5	27
10	3/8"	ISO 7-1	3/8" BSPT	U00FBBFTB	34	65.5	27
10	3/8"	ANSI B1.20.3	3/8"-18 NPTF	U00FBBFFB	34	65.5	27
12.5	1/2"	ISO 1179-1	1/2" BSP	U00FCBFBC	44	71.5	30
12.5	1/2"	ISO 7-1	1/2" BSPT	U00FCBFTC	44	71.5	30
12.5	1/2"	ANSI B1.20.3	1/2"-14 NPTF	U00FCBFFC	44	71.5	30
20	3/4"	ISO 1179-1	3/4" BSP	U00FDBFBE	52	89	36
20	3/4"	ISO 7-1	3/4" BSPT	U00FDBFTE	52	89	36
20	3/4"	ANSI B1.20.3	3/4"-14 NPTF	U00FDBFFE	52	89	36
25	1"	ISO 1179-1	1" BSP	U00FEBFBF	62	106	41
25	1"	ISO 7-1	1" BSPT	U00FEBFTF	62	106	41
25	1"	ANSI B1.20.3	1"-11 1/2 NPTF	U00FEBFFF	62	106	41
40	1 1/2"	ISO 1179-1	1 1/2" BSP	U00FGBFBH	76	142.2	60.2
40	1 1/2"	ISO 7-1	1 1/2" BSPT	U00FGBFTH	76	142.2	60.2
40	1 1/2"	ANSI B1.20.3	1 1/2"-11 1/2 NPTF	U00FGBFFH	76	142.2	60.2
50	2"	ISO 1179-1	2" BSP	U00FHBFBFI	105	142	89
50	2"	ISO 7-1	2" BSPT	U00FHBFTI	105	142	89
50	2"	ANSI B1.20.3	2"-11 1/2 NPTF	U00FHBFFI	105	142	89

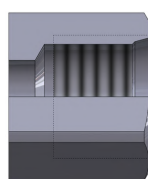
All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details



ISO 1179-1, ISO 7-1,
ANSI B1.20.3 & DIN 3852-1



SAE J1926-1

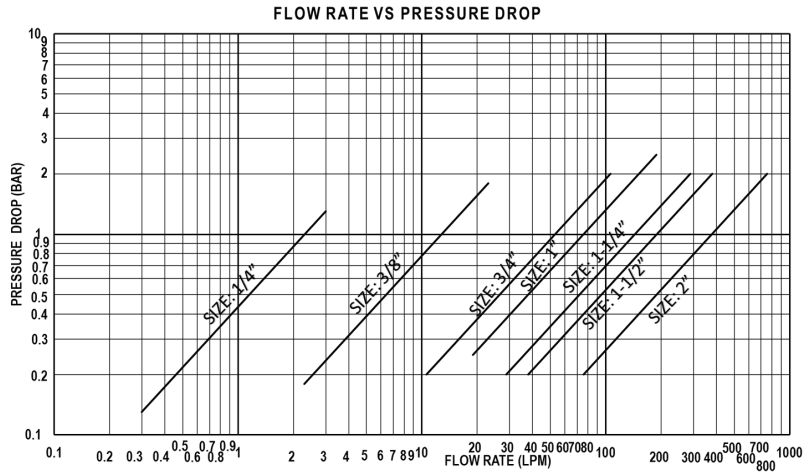
DUST PLUG – FEMALE FOR ISO B SERIES



SIZE		MATERIAL	COLOUR	PART NO.
mm	inch			
6.3	1/4"	PVC	RED	U87FAAE-R
6.3	1/4"	PVC	BLUE	U87FAAE-BU
6.3	1/4"	PVC	BLACK	U87FAAE-BL
6.3	1/4"	PVC	GREEN	U87FAAE-G
6.3	1/4"	PVC	YELLOW	U87FAAE-Y
6.3	1/4"	PVC	BROWN	U87FAAE-BRW
10	3/8"	PVC	RED	U87FBAE-R
10	3/8"	PVC	BLUE	U87FBAE-BU
10	3/8"	PVC	BLACK	U87FBAE-BL
10	3/8"	PVC	GREEN	U87FBAE-G
10	3/8"	PVC	YELLOW	U87FBAE-Y
10	3/8"	PVC	BROWN	U87FBAE-BRW
12.5	1/2"	PVC	RED	U87FCAMR3-R
12.5	1/2"	PVC	BLUE	U87FCAMR3-BU
12.5	1/2"	PVC	BLACK	U87FCAMR3-BL
12.5	1/2"	PVC	GREEN	U87FCAMR3-G
12.5	1/2"	PVC	YELLOW	U87FCAMR3-Y
12.5	1/2"	PVC	BROWN	U87FCAMR3-BRW
20	3/4"	PVC	RED	U87FDAE-R
20	3/4"	PVC	BLUE	U87FDAE-BU
20	3/4"	PVC	BLACK	U87FDAE-BL
20	3/4"	PVC	GREEN	U87FDAE-G
20	3/4"	PVC	YELLOW	U87FDAE-Y
20	3/4"	PVC	BROWN	U87FDAE-BRW
25	1"	PVC	RED	U87FEAE-R
25	1"	PVC	BLUE	U87FEAE-BU
25	1"	PVC	BLACK	U87FEAE-BL
25	1"	PVC	GREEN	U87FEAE-G
25	1"	PVC	YELLOW	U87FEAE-Y
25	1"	PVC	BROWN	U87FEAE-BRW

Male couplings used for construction equipment, farm implements and most other mobile equipment (1/2" size only is interchangeable according to ISO 7241 part A).

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	350	300	--	300	250	220	200	150
Burst Pressure (Bar) Min.	1400	1200	--	1200	1100	900	800	600

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII)



Seals
Nitrile



Valve Style
Poppet



Working Temperature
-30°C to +100°C

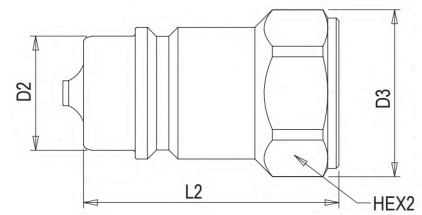


Connection Under Pressure
Not Allowed

Application



Male couplings used for construction equipment, farm implements and most other mobile equipment (1/2" size only is interchangeable according to ISO 7241 part A).

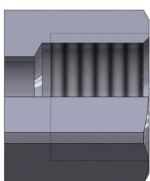


SIZE		THREAD DETAILS			DIMENSIONS			
mm	inch	STANDARD	THREAD (FEMALE)	PART NO.	D2	D3	L2	HEX2
6.3	1/4"	ISO 1179-1	1/4" BSP	U00MADFBA	14.1	21	34.7	19
6.3	1/4"	ISO 7-1	1/4" BSPT	U00MADFTA	14.1	21	34.7	19
6.3	1/4"	ANSI B1.20.3	1/4"-18 NPTF	U00MADFFA	14.1	21	34.7	19
10	3/8"	ISO 1179-1	3/8" BSP	U00MBDFBB	18.9	27	39	24
10	3/8"	ISO 7-1	3/8" BSPT	U00MBDFTB	18.9	27	39	24
10	3/8"	ANSI B1.20.3	3/8"-18 NPTF	U00MBDFFB	18.9	27	39	24
20	3/4"	ISO 1179-1	3/4" BSP	U00MDDFBE	27.9	38	55	34
20	3/4"	ISO 7-1	3/4" BSPT	U00MDDFTE	27.9	38	55	34
20	3/4"	ANSI B1.20.3	3/4"-14 NPTF	U00MDDFFE	27.9	38	55	34
25	1"	ISO 1179-1	1" BSP	U00MEDFBF	31.3	45	66	41
25	1"	ISO 7-1	1" BSPT	U00MEDFTF	31.3	45	66	41
25	1"	ANSI B1.20.3	1"-11 1/2 NPTF	U00MEDFFF	31.3	45	66	41
31.5	1 1/4"	ISO 1179-1	1 1/4" BSP	U00MFDFBG	43.9	55.5	73	50
31.5	1 1/4"	ISO 7-1	1 1/4" BSPT	U00MFDFTG	43.9	55.5	73	50
31.5	1 1/4"	ANSI B1.20.3	1 1/4"-11 1/2 NPTF	U00MFDFFG	43.9	55.5	73	50
40	1 1/2"	ISO 1179-1	1 1/2" BSP	U00MGDFBH	53.4	66	83	60
40	1 1/2"	ISO 7-1	1 1/2" BSPT	U00MGDFTH	53.4	66	83	60
40	1 1/2"	ANSI B1.20.3	1 1/2"-11 1/2 NPTF	U00MGDFFH	53.4	66	83	60
50	2"	ISO 1179-1	2" BSP	U00MHDFBI	82	86.9	100	75
50	2"	ISO 7-1	2" BSPT	U00MHDFTI	82	86.9	100	75
50	2"	ANSI B1.20.3	2"-11 1/2 NPTF	U00MHDFFI	82	86.9	100	75

All Dimensions are in mm

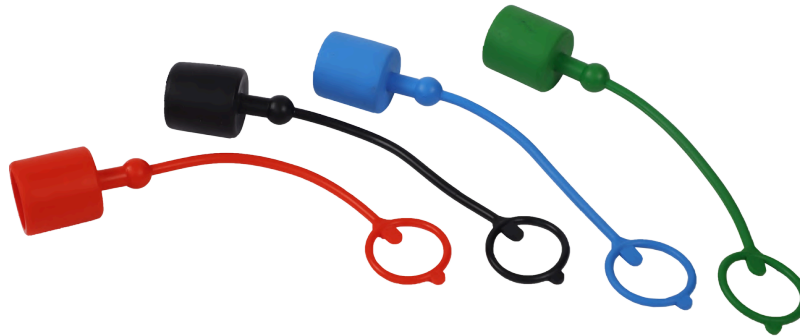
These dimensions are for reference only & may change as per design modification

Thread Standard Details



ISO 1179-1, ISO 7-1, ANSI B1.20.3 & DIN 3852-1

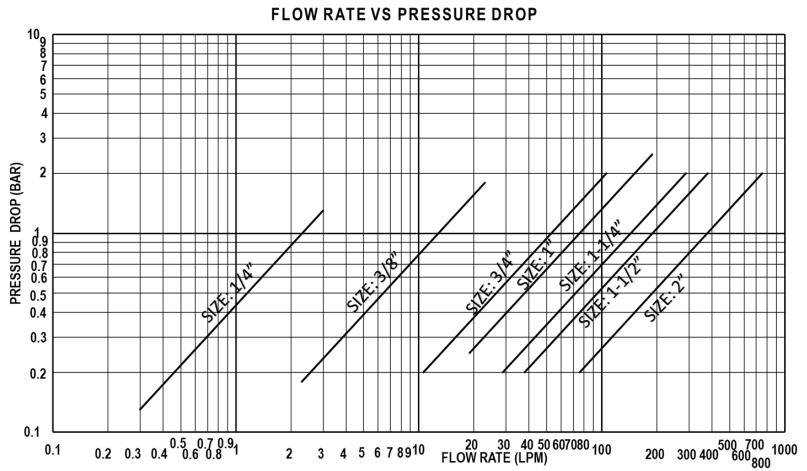
DUST CAP – MALE FOR DIN SERIES



SIZE		MATERIAL	COLOUR	PART NO.
mm	inch			
6.3	1/4"	PVC	RED	U88MADE-R
6.3	1/4"	PVC	BLUE	U88MADE-BU
6.3	1/4"	PVC	BLACK	U88MADE-BL
6.3	1/4"	PVC	GREEN	U88MADE-G
6.3	1/4"	PVC	YELLOW	U88MADE-Y
6.3	1/4"	PVC	BROWN	U88MADE-BR
10	3/8"	PVC	RED	U88MBDE-R
10	3/8"	PVC	BLUE	U88MBDE-BU
10	3/8"	PVC	BLACK	U88MBDE-BL
10	3/8"	PVC	GREEN	U88MBDE-G
10	3/8"	PVC	YELLOW	U88MBDE-Y
10	3/8"	PVC	BROWN	U88MBDE-BR
20	3/4"	PVC	RED	U88MDDE-R
20	3/4"	PVC	BLUE	U88MDDE-BU
20	3/4"	PVC	BLACK	U88MDDE-BL
20	3/4"	PVC	GREEN	U88MDDE-G
20	3/4"	PVC	YELLOW	U88MDDE-Y
20	3/4"	PVC	BROWN	U88MDDE-BR
25	1"	PVC	RED	U88MEDE-R
25	1"	PVC	BLUE	U88MEDE-BU
25	1"	PVC	BLACK	U88MEDE-BL
25	1"	PVC	GREEN	U88MEDE-G
25	1"	PVC	YELLOW	U88MEDE-Y
25	1"	PVC	BROWN	U88MEDE-BR

Female couplings used for construction equipment, farm implements and most other mobile equipment (1/2" size only is interchangeable according to ISO 7241 part A).

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	350	300	--	300	250	220	200	150
Burst Pressure (Bar) Min.	1400	1200	--	1200	1100	900	800	600

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII)



Seals
Nitrile



Valve Style
Poppet



Working Temperature
-30°C to +100°C



Connection Under Pressure
Not Allowed

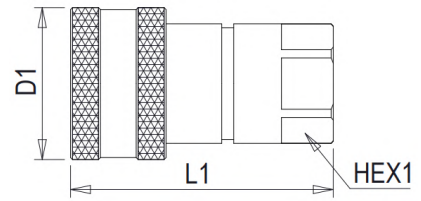


Connection / Disconnection
Sleeve Retraction

Application



Female couplings used for construction equipment, farm implements and most other mobile equipment (1/2" size only is interchangeable according to ISO 7241 part A).

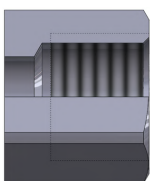


SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD (FEMALE)	PART NO.	D1	L1	HEX1
6.3	1/4"	ISO 1179-1	1/4" BSP	U00FADFBA	27	50	19
6.3	1/4"	ISO 7-1	1/4" BSPT	U00FADFBA	27	50	19
6.3	1/4"	ANSI B1.20.3	1/4"-18 NPTF	U00FADFFA	27	50	19
10	3/8"	ISO 1179-1	3/8" BSP	U00FBDFBB	33	59.5	24
10	3/8"	ISO 7-1	3/8" BSPT	U00FBDFBT	33	59.5	24
10	3/8"	ANSI B1.20.3	3/8"-18 NPTF	U00FBDFFB	33	59.5	24
20	3/4"	ISO 1179-1	3/4" BSP	U00FDDFBE	48	84	34
20	3/4"	ISO 7-1	3/4" BSPT	U00FDDFTE	48	84	34
20	3/4"	ANSI B1.20.3	3/4"-14 NPTF	U00FDDFFE	48	84	34
25	1"	ISO 1179-1	1" BSP	U00FEDFBF	56	99.5	41
25	1"	ISO 7-1	1" BSPT	U00FEDFTF	56	99.5	41
25	1"	ANSI B1.20.3	1"-11 1/2 NPTF	U00FEDFFF	56	99.5	41
31.5	1 1/4"	ISO 1179-1	1 1/4" BSP	U00FFDFBG	70	115	50
31.5	1 1/4"	ISO 7-1	1 1/4" BSPT	U00FFDFTG	70	115	50
31.5	1 1/4"	ANSI B1.20.3	1 1/4"-11 1/2 NPTF	U00FFDFFG	70	115	50
40	1 1/2"	ISO 1179-1	1 1/2" BSP	U00FGDFBH	84	127.5	60
40	1 1/2"	ISO 7-1	1 1/2" BSPT	U00FGDFTH	84	127.5	60
40	1 1/2"	ANSI B1.20.3	1 1/2"-11 1/2 NPTF	U00FGDFFH	84	127.5	60
50	2"	ISO 1179-1	2" BSP	U00FHDFBI	119	151	75
50	2"	ISO 7-1	2" BSPT	U00FHDFTI	119	151	75
50	2"	ANSI B1.20.3	2"-11 1/2 NPTF	U00FHDFFI	119	151	75

All Dimensions are in mm

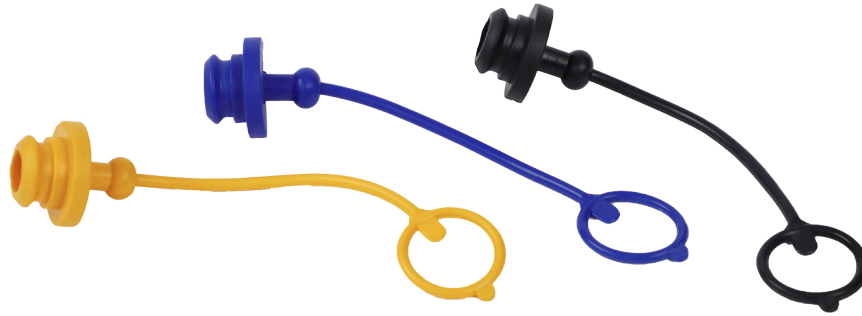
These dimensions are for reference only & may change as per design modification

Thread Standard Details



ISO 1179-1, ISO 7-1, ANSI B1.20.3 & DIN 3852-1

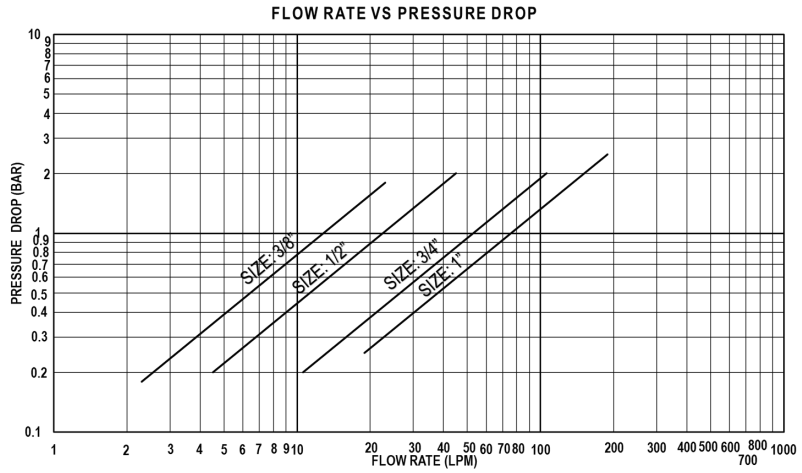
DUST PLUG – FEMALE FOR DIN SERIES



SIZE		MATERIAL	COLOUR	PART NO.
mm	inch			
6.3	1/4"	PVC	RED	U87FADE-R
6.3	1/4"	PVC	BLUE	U87FADE-BU
6.3	1/4"	PVC	BLACK	U87FADE-BL
6.3	1/4"	PVC	GREEN	U87FADE-G
6.3	1/4"	PVC	YELLOW	U87FADE-Y
6.3	1/4"	PVC	BROWN	U87FADE-BR
10	3/8"	PVC	RED	U87FBDE-R
10	3/8"	PVC	BLUE	U87FBDE-BU
10	3/8"	PVC	BLACK	U87FBDE-BL
10	3/8"	PVC	GREEN	U87FBDE-G
10	3/8"	PVC	YELLOW	U87FBDE-Y
10	3/8"	PVC	BROWN	U87FBDE-BR
20	3/4"	PVC	RED	U87FDDE-R
20	3/4"	PVC	BLUE	U87FDDE-BU
20	3/4"	PVC	BLACK	U87FDDE-BL
20	3/4"	PVC	GREEN	U87FDDE-G
20	3/4"	PVC	YELLOW	U87FDDE-Y
20	3/4"	PVC	BROWN	U87FDDE-BR
25	1"	PVC	RED	U87FEDE-R
25	1"	PVC	BLUE	U87FEDE-BU
25	1"	PVC	BLACK	U87FEDE-BL
25	1"	PVC	GREEN	U87FEDE-G
25	1"	PVC	YELLOW	U87FEDE-Y
25	1"	PVC	BROWN	U87FEDE-BR

Push pull Female couplings for agriculture, panel mounting
ISO 7241 - A interchange & Breakaway Function as per ISO 5675

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	250	250	250	250	200	-	-	-
Burst Pressure (Bar) Min.	1000	1000	1000	1000	800	-	-	-

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII)



Seals
Nitrile



Valve Style
Poppet



Working Temperature
-30°C to +100°C



Connection Under Pressure
Not Allowed

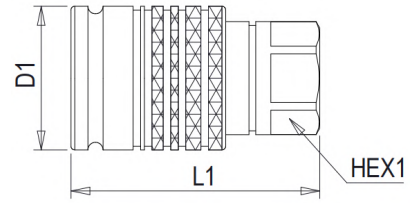


Connection / Disconnection
Push / Pull

Application



**Push pull Female couplings for agriculture, panel mounting
ISO 7241 - A interchange & Breakaway Function as per ISO 5675**

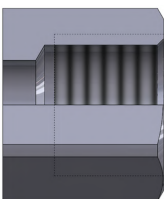


SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD (FEMALE)	PART NO.	D1	L1	HEX1
6.3	1/4"	ISO 1179-1	1/4" BSP	U00FAPFBA	26	64	19
10	3/8"	ISO 1179-1	3/8" BSP	U00FBPFBB	32	55.8	24
10	3/8"	ISO 7-1	3/8" BSPT	U00FBPFTB	32	55.8	24
10	3/8"	ANSI B1.20.3	3/8"-18 NPTF	U00FBPFFB	32	55.8	24
12.5	1/2"	ISO 1179-1	1/2" BSP	U00FCPFBC	38	66.1	27
12.5	1/2"	ISO 7-1	1/2" BSPT	U00FCPFTC	38	66.1	27
12.5	1/2"	ANSI B1.20.3	1/2"-14 NPTF	U00FCPFFC	38	66.1	27
12.5	1/2"	SAE J1926-1	3/4"-16 UNF	U00FCPFUN	38	66.1	27
12.5	1/2"	SAE J1926-1	7/8"-14 UNF	U00FCPFUV	38	66.1	27
12.5	1/2"	DIN 3852-1	M20x1.5P	U00FCPFMH	38	66.1	27
12.5	1/2"	DIN 3852-1	M22x1.5P	U00FCPFMK	38	66.1	27
12.5	1/2"	ISO 6149-1	M22x1.5P	U00FCPFMKO	38	66.1	27
20	3/4"	ISO 1179-1	3/4" BSP	U00FDPFBE	46	82	36
20	3/4"	ISO 7-1	3/4" BSPT	U00FDPFTE	46	82	36
20	3/4"	ANSI B1.20.3	3/4"-14 NPTF	U00FDPFFE	46	82	36
25	1"	ISO 1179-1	1" BSP	U00FEPFBF	54	97	41
25	1"	ISO 7-1	1" BSPT	U00FEPFTF	54	97	41
25	1"	ANSI B1.20.3	1"-11 1/2 NPTF	U00FEPFFF	54	97	41

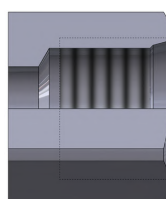
All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details



ISO 1179-1, DIN 3852-1,
ISO 7-1 & ANSI B1.20.3

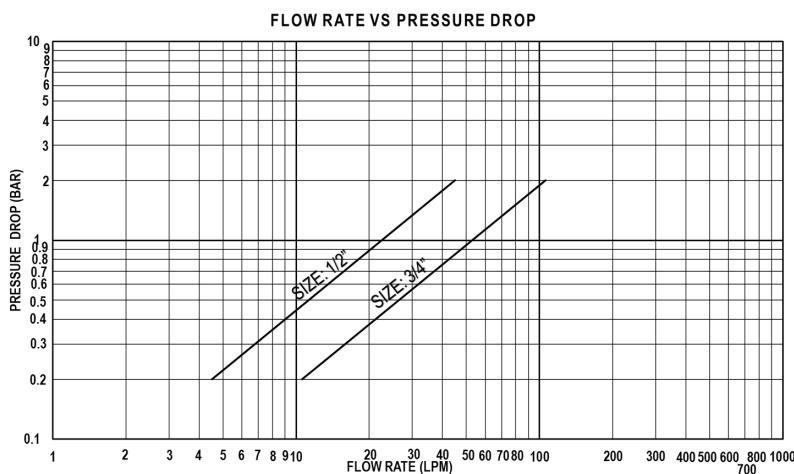


SAE J1926-1
& ISO 6149-1

PUSH PULL SERIES - FEMALE (CONNECT UNDER PRESSURE)

Push pull Female couplings with Connect Under Pressure Feature, panel mounting
ISO 7241 - A interchange & Breakaway Function as per ISO 5675

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1-1/2"	1-1/4"	2"
Max. working pressure (Bar)	-	-	250	250	-	-	-	-
Burst Pressure (Bar) Min.	-	-	1000	1000	-	-	-	-

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII)



Seals
Nitrile



Valve Style
Poppet



Working Temperature
-30°C to +100°C



Connection Under Pressure
Not Allowed

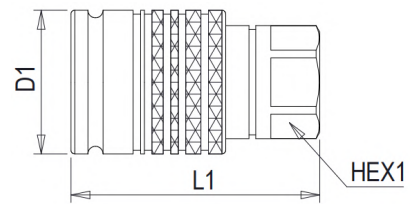


Connection / Disconnection
Push / Pull

Application



**Push pull Female couplings with Connect Under Pressure Feature, panel mounting
ISO 7241 - A interchange & Breakaway Function as per ISO 5675**

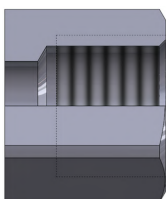


SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD (FEMALE)	PART NO.	D1	L1	HEX1
12.5	1/2"	ISO 1179-1	1/2" BSP	U00FCPCFBC	38	66.1	27
12.5	1/2"	ISO 7-1	1/2" BSPT	U00FCPCFTC	38	66.1	27
12.5	1/2"	ANSI B1.20.3	1/2"-14 NPTF	U00FCPCFFC	38	66.1	27
12.5	1/2"	SAE J1926-1	3/4"-16 UNF	U00FCPCFUN	38	66.1	27
12.5	1/2"	SAE J1926-1	7/8"-14 UNF	U00FCPCFUV	38	66.1	27
12.5	1/2"	DIN 3852-1	M20x1.5P	U00FCPCFMH	38	66.1	27
12.5	1/2"	DIN 3852-1	M22x1.5P	U00FCPCFMK	38	66.1	27
12.5	1/2"	ISO 6149-1	M22x1.5P	U00FCPCFMK	38	66.1	27
20	3/4"	ISO 1179-1	3/4" BSP	U00FDPCFBE	48	82	36
20	3/4"	ISO 7-1	3/4" BSPT	U00FDPCFTE	48	82	36
20	3/4"	ANSI B1.20.3	3/4"-14 NPTF	U00FDPCFFE	48	82	36
20	3/4"	SAE J1926-1	3/4"-16 UNF	U00FDPCFUN	48	82	36
20	3/4"	SAE J1926-1	7/8"-14 UNF	U00FDPCFUV	48	82	36
20	3/4"	SAE J1926-1	1"-1/16-12 UN	U00FDPCFUS	48	82	36

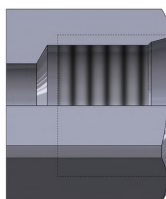
All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details



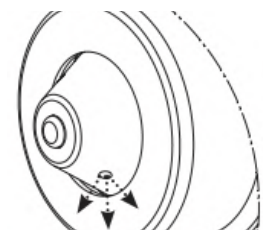
ISO 1179-1, ISO 7-1,
DIN 3852-1 & ANSI B1.20.3



SAE J1926-1 &
ISO 6149-1

PRESSURE RELIEF VALVE

Pressure released by the Relief Valve



DUST PLUG – FEMALE FOR PUSH PULL



SIZE		MATERIAL	COLOUR	PART NO.
mm	inch			
10	3/8"	PVC	RED	U87FBAM-R
10	3/8"	PVC	BLUE	U87FBAM-BU
10	3/8"	PVC	BLACK	U87FBAM-BL
10	3/8"	PVC	GREEN	U87FBAM-G
10	3/8"	PVC	YELLOW	U87FBAM-Y
10	3/8"	PVC	BROWN	U87FBAM-BR
12.5	1/2"	PVC	RED	U87FCAEL-R
12.5	1/2"	PVC	BLUE	U87FCAEL-BU
12.5	1/2"	PVC	BLACK	U87FCAEL-BL
12.5	1/2"	PVC	GREEN	U87FCAEL-G
12.5	1/2"	PVC	YELLOW	U87FCAEL-Y
12.5	1/2"	PVC	BROWN	U87FCAEL-BR
20	3/4"	PVC	RED	U87FDAM-R
20	3/4"	PVC	BLUE	U87FDAM-BU
20	3/4"	PVC	BLACK	U87FDAM-BL
20	3/4"	PVC	GREEN	U87FDAM-G
20	3/4"	PVC	YELLOW	U87FDAM-Y
20	3/4"	PVC	BROWN	U87FDAM-BR
25	1"	PVC	RED	U87FEAM-R
25	1"	PVC	BLUE	U87FEAM-BU
25	1"	PVC	BLACK	U87FEAM-BL
25	1"	PVC	GREEN	U87FEAM-G
25	1"	PVC	YELLOW	U87FEAM-Y
25	1"	PVC	BROWN	U87FEAM-BR

FLIP FLOP CAP – FEMALE FOR PUSH PULL



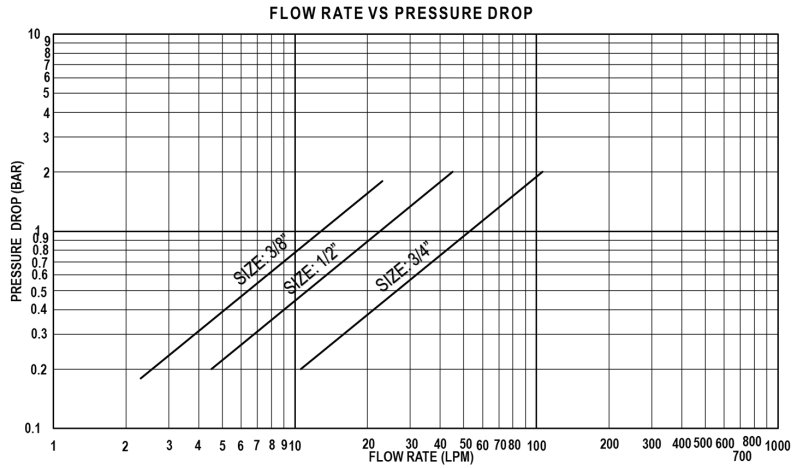
SIZE		MATERIAL	COLOUR	PART NO.
mm	inch			
10	3/8"	PLASTIC	RED	U00SLFCB-R
10	3/8"	PLASTIC	BLUE	U00SLFCB-BU
10	3/8"	PLASTIC	BLACK	U00SLFCB-BL
10	3/8"	PLASTIC	GREEN	U00SLFCB-G
10	3/8"	PLASTIC	YELLOW	U00SLFCB-Y
12.5	1/2"	PLASTIC	RED	U00SLFCC-R
12.5	1/2"	PLASTIC	BLUE	U00SLFCC-BU
12.5	1/2"	PLASTIC	BLACK	U00SLFCC-BL
12.5	1/2"	PLASTIC	GREEN	U00SLFCC-G
12.5	1/2"	PLASTIC	YELLOW	U00SLFCC-Y
20	3/4"	PLASTIC	RED	U00SLFCD-R
20	3/4"	PLASTIC	BLUE	U00SLFCD-BU
20	3/4"	PLASTIC	BLACK	U00SLFCD-BL
20	3/4"	PLASTIC	GREEN	U00SLFCD-G
20	3/4"	PLASTIC	YELLOW	U00SLFCD-Y

Breakaway Couplings for agriculture ISO 7241 - A interchange & Breakaway Function as per ISO 5675, 10-12 mm Shorter Variant

Pressure characteristic



10-12 mm Shorter variant



The graph is representation purpose only

Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	-	250	250	250	-	-	-	-
Burst Pressure (Bar) Min.	-	1000	1000	1000	-	-	-	-

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII)



Seals
Nitrile



Valve Style
Poppet



Working Temperature
-30°C to +100°C



Connection Under Pressure
Allowed Male Half up to W.P.

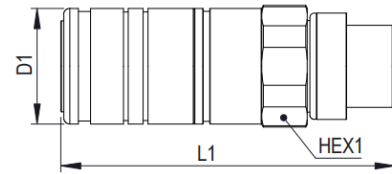


Connection / Disconnection
Push to Connect/Pull to Disconnect

Application



**Breakaway Couplings for agriculture
ISO 7241 - A interchange & Breakaway Function as
per ISO 5675**

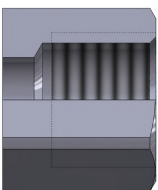


SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD (FEMALE)	PART NO.	D1	L1	HEX1
10	3/8"	ISO 1179-1	1/4" BSP	U00FBEFBA	--	85	27
12.5	1/2"	ISO 1179-1	1/2" BSP	U00FCEFC	38	110.3	38
12.5	1/2"	ISO 7-1	1/2" BSPT	U00FCEFTC	38	110.3	38
12.5	1/2"	ANSI B1.20.3	1/2"-14 NPTF	U00FCEFFC	38	110.3	38
12.5	1/2"	SAE J1926-1	3/4"-16 UNF	U00FCEFUN	38	111.3	38
12.5	1/2"	SAE J1926-1	7/8"-14 UNF	U00FCEFUV	38	114.3	38
20	3/4"	ISO 1179-1	3/4" BSP	U00FDEFBE	--	116.5	42
20	3/4"	ISO 6149-1	M27x2P	U00FDEFMPO	--	117.5	42

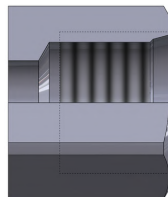
All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details

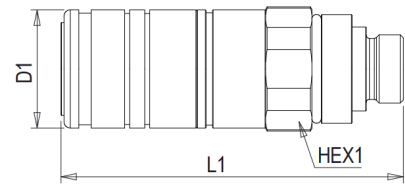


ISO 1179-1, ISO 7-1
& ANSI B1.20.3



SAE J1926-1 & ISO 6149-1

**Breakaway Couplings for agriculture
ISO 7241 - A interchange & Breakaway Function as per
ISO 5675**

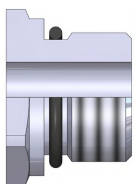


SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD (MALE)	PART NO.	D1	L1	HEX1
10	3/8"	ISO 6149-2	M12x1.5P	U00FBEMMDO	--	89.8	27
10	3/8"	ISO 6149-2	M14x1.5P	U00FBEMMEO	--	89.8	27
12.5	1/2"	ISO 8434-6	1/2" BSP	U00FCEMBC	38	111	38
12.5	1/2"	ISO 8434-2	3/4"-16 UNF	U00FCEMUNJ	38	113.5	38
12.5	1/2"	ISO 8434-2	7/8"-14 UNF	U00FCEMUVJ	38	118.2	38
12.5	1/2"	ISO 8434-3	13/16"-16 UN	U00FCEMUJF	38	110	38
12.5	1/2"	ISO 8434-3	1"-14 UNS	U00FCEMUOF	38	113	38
12.5	1/2"	ISO 6149-2	M18x1.5P	U00FCEMMGO	38	113	38
12.5	1/2"	ISO 6149-2	M22x1.5P	U00FCEMMKO	38	115	38
12.5	1/2"	ISO 8434-1L	M18x1.5P	U00FCEMMGSL	38	110	38
12.5	1/2"	ISO 8434-1L	M22x1.5P	U00FCEMMKSL	38	111	38
12.5	1/2"	ISO 8434-1S	M24x1.5P	U00FCEMMISS	38	111	38
12.5	1/2"	ISO 9974-2	M18x1.5P	U00FCEMMGW	38	111.5	38
12.5	1/2"	ISO 9974-2	M22x1.5P	U00FCEMMKW	38	113.5	38
20	3/4"	ISO 11926-3	1-1/16"-12 UN	U00FDEMUSO	--	115.6	42
20	3/4"	ISO 6149-2	M27x2P	U00FDEMMPPO	--	121.5	42
20	3/4"	ISO 6149-2	M30x2P	U00FDEM MN O	--	121.5	42
20	3/4"	ISO 9974-2	M22x1.5P	U00FDEM MK W	--	118	42

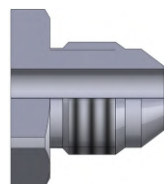
All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

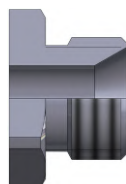
Thread Standard Details



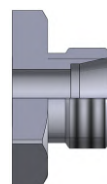
ISO 6149-2



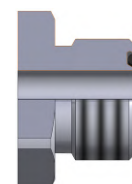
ISO 8434-2



ISO 8434-6

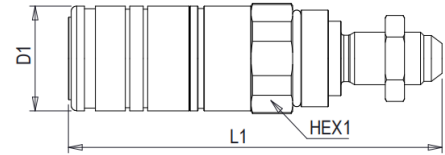


ISO 8434-1(L/S)



ISO 8434-3

**Breakaway Couplings (Bulkhead) for agriculture
ISO 7241 - A interchange & Breakaway Function as per ISO 5675**



SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD BULKHEAD)	(MALE- PART NO.	D1	L1	HEX1
10	3/8"	ISO 8434-1L	M14x1.5P	U00FBEMMEBL	--	98.3	27
12.5	1/2"	ISO 8434-6	3/8" BSP	U00FCEMBBB	38	128	38
12.5	1/2"	ISO 8434-6	1/2" BSP	U00FCEMBCB	38	131	38
12.5	1/2"	ISO 8434-2	3/4"-16 UNF	U00FCEMUNBJ	38	135.5	38
12.5	1/2"	ISO 8434-2	7/8"-14 UNF	U00FCEMUVB	38	139	38
12.5	1/2"	ISO 8434-3	13/16"-16 UN	U00FCEMUJBF	38	133.5	38
12.5	1/2"	ISO 8434-3	1"-14 UNS	U00FCEMUOBF	38	139.5	38
12.5	1/2"	ISO 8434-1L	M18x1.5P	U00FCEMMGBL	38	135	38
12.5	1/2"	ISO 8434-1L	M22x1.5P	U00FCEMMKBL	38	137	38
12.5	1/2"	ISO 8434-1S	M24x1.5P	U00FCEMMIBS	38	139	38
20	3/4"	ISO 8434-1L	M36x2P	U00FDEMMRBL	--	143.6	42
20	3/4"	ISO 8434-1S	M36x2P	U00FDEMMRBS	--	138.5	42
20	3/4"	ISO 8434-1L	M30x2P	U00FDEMMNBL	--	134.5	42
20	3/4"	ISO 8434-1S	M30x2P	U00FDEMMNBS	--	144.5	42
20	3/4"	ISO 8434-1S	M42x2P	U00FDEMMTBS	--	151.5	50
20	3/4"	ISO 8434-1L	M26x1.5P	U00FDEMMLBL	--	153.5	42
20	3/4"	ISO 8434-3	1-3/16"-12 UN	U00FDEMU1B	--	140.5	42
20	3/4"	ISO 8434-3	1-7/16"-12 UN	U00FDEMU9B	--	142.5	42

All Dimensions are in mm

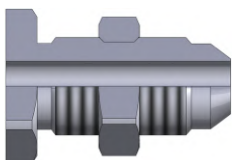
These dimensions are for reference only & may change as per design modification

SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD BULKHEAD)	(MALE- PART NO.	D1	L1	HEX1
12.5	1/2"	ISO 8434-1L	M18X1.5P (27mm)	U00FCESMMGBL27	38	109.5	38
12.5	1/2"	ISO 8434-1L	M22X1.5P (27mm)	U00FCESMMKBL27	38	109.5	38
12.5	1/2"	ISO 8434-1L	M26X1.5P (27 mm)	U00FCESMMLBL27	38	109.5	38

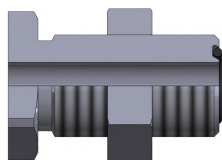
All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

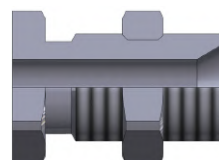
Thread Standard Details



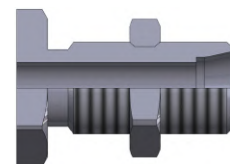
ISO 8434-2



ISO 8434-3



ISO 8434-6



ISO 8434-1 (L/S)

DUST PLUG – FEMALE FOR BREAKAWAY



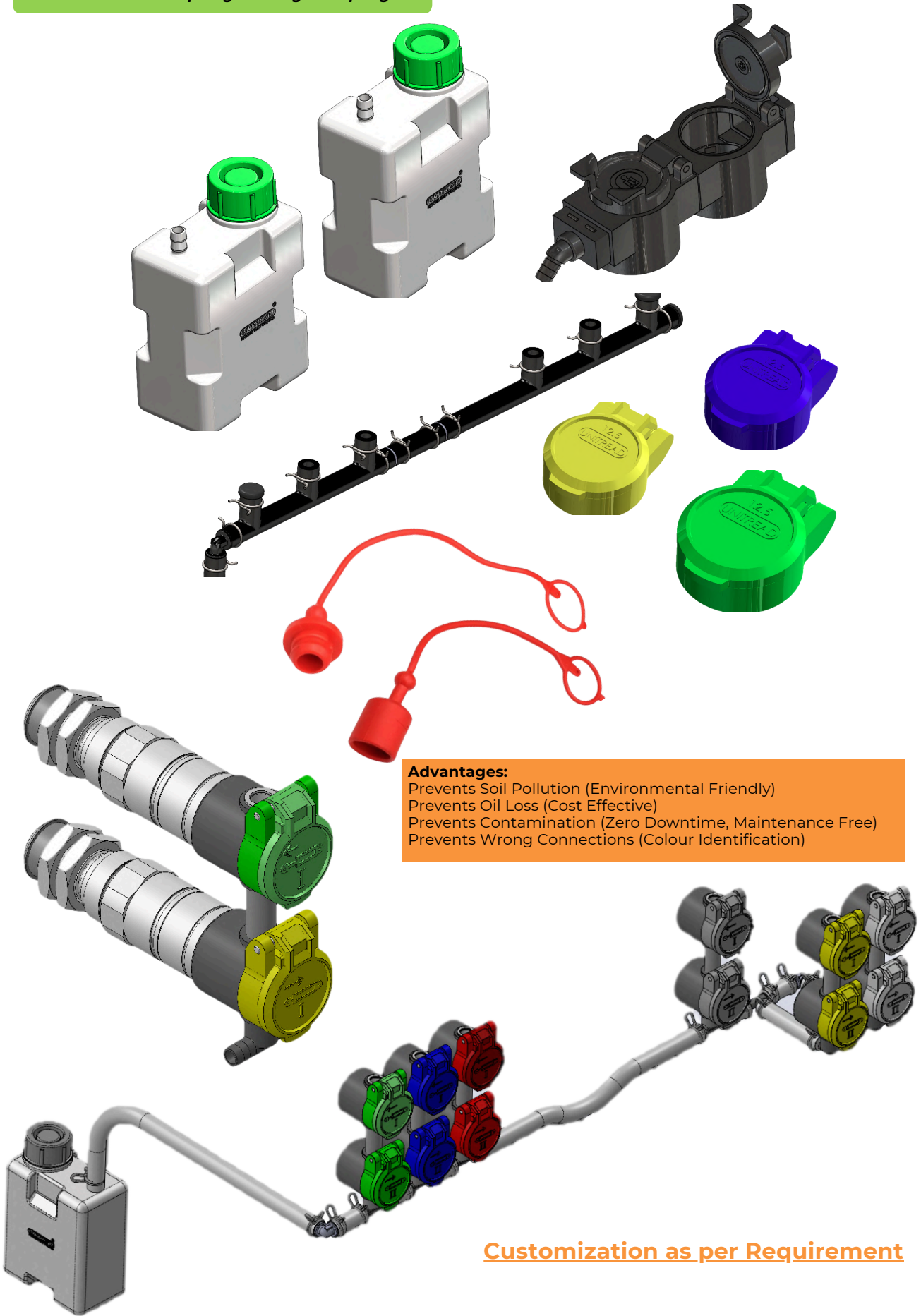
SIZE		MATERIAL	COLOUR	PART NO.
mm	inch			
10	3/8"	PVC	RED	U87FBAM-R
10	3/8"	PVC	BLUE	U87FBAM-BU
10	3/8"	PVC	BLACK	U87FBAM-BL
10	3/8"	PVC	GREEN	U87FBAM-G
10	3/8"	PVC	YELLOW	U87FBAM-Y
10	3/8"	PVC	BROWN	U87FBAM-BR
12.5	1/2"	PVC	RED	U87FCAEL-R
12.5	1/2"	PVC	BLUE	U87FCAEL-BU
12.5	1/2"	PVC	BLACK	U87FCAEL-BL
12.5	1/2"	PVC	GREEN	U87FCAEL-G
12.5	1/2"	PVC	YELLOW	U87FCAEL-Y
12.5	1/2"	PVC	BROWN	U87FCAEL-BR
20	3/4"	PVC	RED	U87FDAM-R
20	3/4"	PVC	BLUE	U87FDAM-BU
20	3/4"	PVC	BLACK	U87FDAM-BL
20	3/4"	PVC	GREEN	U87FDAM-G
20	3/4"	PVC	YELLOW	U87FDAM-Y
20	3/4"	PVC	BROWN	U87FDAM-BR

FLIP FLOP CAP – FEMALE FOR BREAKAWAY



SIZE		MATERIAL	COLOUR	PART NO.
mm	inch			
10	3/8"	PLASTIC	RED	U00SLFCB-R
10	3/8"	PLASTIC	BLUE	U00SLFCB-BU
10	3/8"	PLASTIC	BLACK	U00SLFCB-BL
10	3/8"	PLASTIC	GREEN	U00SLFCB-G
10	3/8"	PLASTIC	YELLOW	U00SLFCB-Y
12.5	1/2"	PLASTIC	RED	U00SLFCC-R
12.5	1/2"	PLASTIC	BLUE	U00SLFCC-BU
12.5	1/2"	PLASTIC	BLACK	U00SLFCC-BL
12.5	1/2"	PLASTIC	GREEN	U00SLFCC-G
12.5	1/2"	PLASTIC	YELLOW	U00SLFCC-Y
20	3/4"	PLASTIC	RED	U00SLFCD-R
20	3/4"	PLASTIC	BLUE	U00SLFCD-BU
20	3/4"	PLASTIC	BLACK	U00SLFCD-BL
20	3/4"	PLASTIC	GREEN	U00SLFCD-G
20	3/4"	PLASTIC	YELLOW	U00SLFCD-Y

**Drain Oil Collection System-
Kit for Collection of Spillage through Couplings**



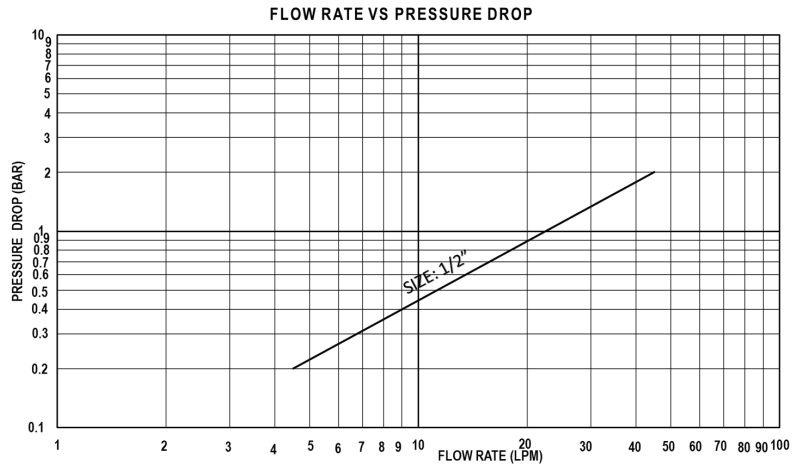
Advantages:
Prevents Soil Pollution (Environmental Friendly)
Prevents Oil Loss (Cost Effective)
Prevents Contamination (Zero Downtime, Maintenance Free)
Prevents Wrong Connections (Colour Identification)

Customization as per Requirement

BREAKAWAY SERIES - FEMALE (CONNECT UNDER PRESSURE)

**Special Agri coupling, Advance Female with Connect Under Pressure on Both Sides
ISO 7241-A interchange, Allowed Disconnection Under Pressure**

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	-	-	250	-	-	-	-	-
Burst Pressure (Bar) Min.	-	-	1000	-	-	-	-	-

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII)



Seals
Nitrile



Valve Style
Poppet



Working Temperature
-30°C to +100°C



Connection Under Pressure
Not Allowed



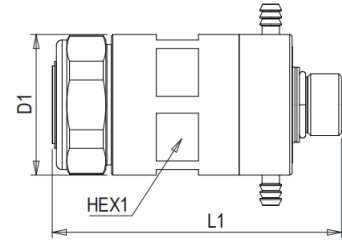
Connection / Disconnection
Push to Connect/Pull to Disconnect

Application



BREAKAWAY SERIES - FEMALE (CONNECT UNDER PRESSURE)

Special Agri coupling, ISO 7241-A interchange

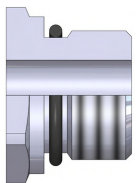


SIZE		THREAD DETAILS			DIMENSION		
mm	inch	STANDARD	THREAD (FEMALE)	PART NO.	D1	L1	HEX1
12.5	1/2"	ISO 6149-2	M22x1.5P	U00FCCMMKS	50	101.4	46
12.5	1/2"	ISO 6149-2	M22x1.5P	U00FCCMMKST	50	101.4	46

All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

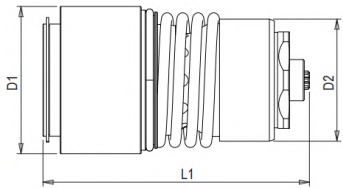
Thread Standard Details



ISO 6149-2

CARTRIDGE SERIES – FEMALE (CONNECT UNDER PRESSURE)

Special Agri coupling, ISO 7241-A interchange,
Cartridges to be integrated cast iron blocks



Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII)



Seals
Nitrile



Valve Style
Poppet



Working Temperature
-30°C to +100°C



Connection Under Pressure
Not Allowed



Connection / Disconnection
Push-Pull or lever

SIZE		THREAD DETAILS			DIMENSION		
mm	inch	STANDARD	THREAD (FEMALE)	PART NO.	D1	D2	L1
12.5	1/2"	--	--	U00FCEZZC	36.3	30.1	65.7

All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Product Details



Material
Carbon Steel



Surface Treatment



Seals
Nitrile



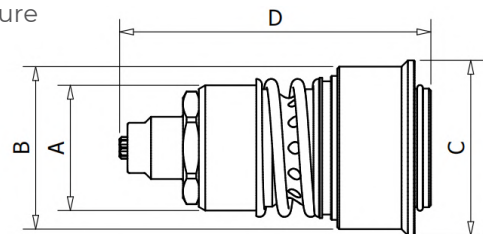
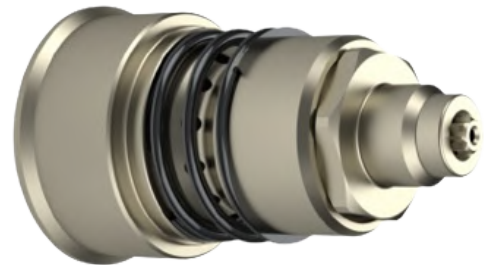
Valve Style
Poppet



Working Temperature
-30°C to +100°C



Connection Under Pressure
Allowed Residual



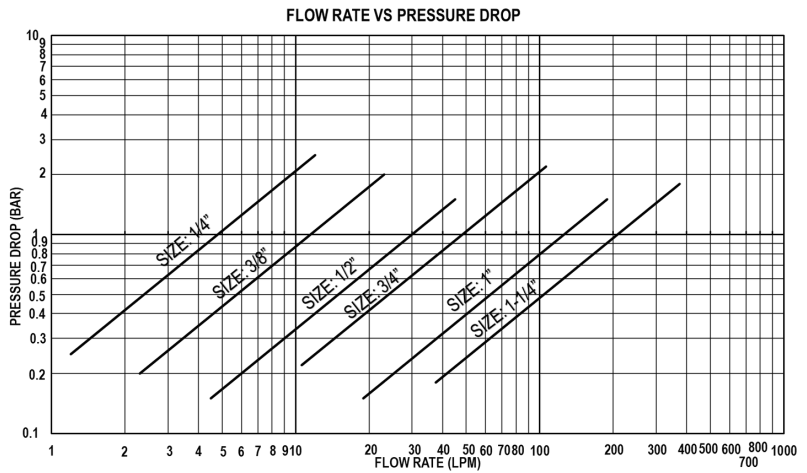
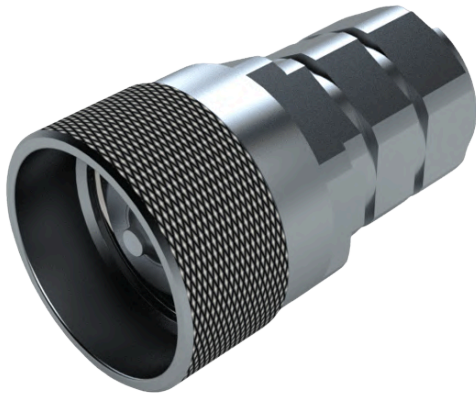
SIZE		THREAD DETAILS			DIMENSIONS			
mm	inch	STANDARD	THREAD (FEMALE)	PART NO.	A	B	C	D
12.5	1/2"	----	-----	U00FCEZZZ-XCS	31.7	41.1	44.3	76.5

All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Screw to connect couplings, ISO 14541 interchange.

Pressure characteristic



The graph is representation purpose only

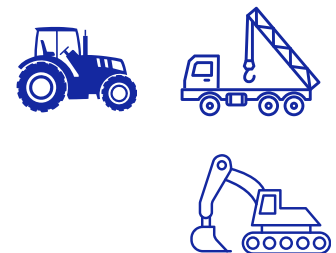
Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	350	300	300	250	350	300	-	-
Burst Pressure (Bar) Min.	1400	1200	1200	1000	1000	1200	-	-

Product Details

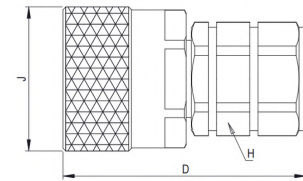
- Material
Carbon Steel
- Surface Treatment
Zinc Plating (CrIII)
- Seals
Nitrile
- Valve Style
Poppet
- Working Temperature
-30°C to +100°C
- Connection Under Pressure
Allowed Residual
- Connection / Disconnection
Screw to Connect / Unscrew to Disconnect

Application



SCREW COUPLING SERIES - MALE

Screw to connect couplings, ISO 14541 interchange.

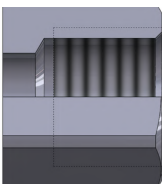


SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD (FEMALE)	PART NO.	J	D	H
6.3	1/4"	ISO 1179-1	1/4" BSP(F)	U00MASFBA	30	60.9	24
6.3	1/4"	ISO 7-1	1/4" BSPT(F)	U00MASFTA	30	60.9	24
6.3	1/4"	ANSI B1.20.3	1/4"-18 NPTF(F)	U00MASFFA	30	60.9	24
10	3/8"	ISO 1179-1	3/8" BSP(F)	U00MBSFBB	34	65	27
10	3/8"	ISO 7-1	3/8" BSPT(F)	U00MBSFTB	34	65	27
10	3/8"	ANSI B1.20.3	3/8"-18 NPTF(F)	U00MBSFFB	34	65	27
12.5	1/2"	ISO 1179-1	3/8" BSP(F)	U00MCSFBB	41.8	67.4	30
12.5	1/2"	ISO 1179-1	1/2" BSP(F)	U00MCSFBC	41.8	70.9	30
12.5	1/2"	ISO 7-1	1/2" BSPT(F)	U00MCSFTC	41.8	70.9	30
12.5	1/2"	ANSI B1.20.3	1/2" -14 NPTF(F)	U00MCSFFC	41.8	70.9	30
20	3/4"	ISO 1179-1	1/2" BSP(F)	U00MDSFBC	48.5	87.9	36
20	3/4"	ISO 1179-1	3/4" BSP(F)	U00MDSFBE	48.5	90.2	36
20	3/4"	ISO 7-1	3/4" BSPT(F)	U00MDSFTE	48.5	90.2	36
20	3/4"	ANSI B1.20.3	3/4" -14 NPTF(F)	U00MDSFFE	48.5	90.2	36
25	1"	ISO 1179-1	1" BSP(F)	U00MESFBF	55.5	93.8	46
25	1"	ISO 7-1	1" BSPT(F)	U00MESFTF	55.5	93.8	46
25	1"	ANSI B1.20.3	1"-11 1/2 NPTF	U00MESFFF	55.5	93.8	46
31.5	1 1/4"	ISO 1179-1	1-1/4" BSP	U00MFSFBG	85	130.9	80
31.5	1 1/4"	ISO 7-1	1-1/4" BSPT	U00MFSFTG	85	130.9	80
31.5	1 1/4"	ANSI B1.20.3	1 1/4"-11 1/2 NPTF	U00MFSFFG	85	130.9	80

All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

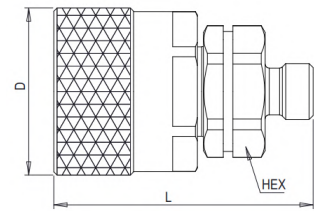
Thread Standard Details



ISO 1179-1, ISO 7-1 & ANSI B1.20.3

SCREW COUPLING SERIES - MALE

Screw to connect couplings, ISO 14541 interchange.

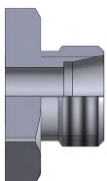


SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD (MALE)	PART NO.	D	L	HEX
6.3	1/4"	ISO 8434-1L	M14x1.5P	U00MASMMESL	30	58.5	24
6.3	1/4"	ISO 8434-1L	M16x1.5P	U00MASMMFSL	30	59.5	24
10	3/8"	ISO 8434-1L	M14x1.5P	U00MBSMMESL	34	62	27
10	3/8"	ISO 8434-1L	M16x1.5P	U00MBSMMFSL	34	63	27
10	3/8"	ISO 8434-1L	M18x1.5P	U00MBSMMGSL	34	63	27
12.5	1/2"	-----	1/2" BSP	U00MCSMBC	41.8	67	30
12.5	1/2"	ISO 8434-1L	M14x1.5P	U00MCSMMESL	41.8	63	30
12.5	1/2"	ISO 8434-1L	M16x1.5P	U00MCSMMFSL	41.8	64	30
12.5	1/2"	ISO 8434-1L	M18x1.5P	U00MCSMMGSL	41.8	64	30
12.5	1/2"	ISO 8434-1L	M22x1.5P	U00MCSMMKSL	41.8	65	30
12.5	1/2"	ISO 8434-1L	M26x1.5P	U00MCSMMLSL	41.8	65	30
12.5	1/2"	ISO 8434-1S	M18x1.5P	U00MCSMMGSS	41.8	65	30
12.5	1/2"	ISO 8434-1S	M20x1.5P	U00MCSMMHSS	41.8	65	30
12.5	1/2"	ISO 8434-1S	M22x1.5P	U00MCSMMKSS	41.8	65	30
12.5	1/2"	ISO 8434-1S	M24x1.5P	U00MCSMMISS	41.8	67	30
20	3/4"	ISO 8434-1L	M18x1.5P	U00MDSMMGSL	48.5	83.2	36
20	3/4"	ISO 8434-1L	M22x1.5P	U00MDSMMKSL	48.5	84.2	36
20	3/4"	ISO 8434-1L	M26x1.5P	U00MDSMMLSL	48.5	84.2	36
20	3/4"	ISO 8434-1L	M30x2P	U00MDSMMNSL	48.5	86.2	36
20	3/4"	ISO 8434-1S	M24x1.5P	U00MDSMMISS	48.5	86.2	36
20	3/4"	ISO 8434-1S	M30x2P	U00MDSMMNSS	48.5	88.2	36
25	1"	ISO 8434-1L	M26x1.5P	U00MESMMLSL	55.5	83.8	46
25	1"	ISO 8434-1L	M30x2P	U00MESMMNSL	55.5	85.8	46
25	1"	ISO 8434-1L	M36x2P	U00MESMMRSL	55.5	85.8	46
25	1"	ISO 8434-1L	M45x2P	U00MESMMJSL	55.5	87.8	46
25	1"	ISO 8434-1S	M30x2P	U00MESMMNSS	55.5	87.8	46
25	1"	ISO 8434-1S	M36x2P	U00MESMMRSS	55.5	89.8	46
25	1"	ISO 8434-1S	M42x2P	U00MESMMTSS	55.5	91.8	46

All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details



ISO 8434-1(L/S)

DUST PLUG – MALE FOR SCREW COUPLING

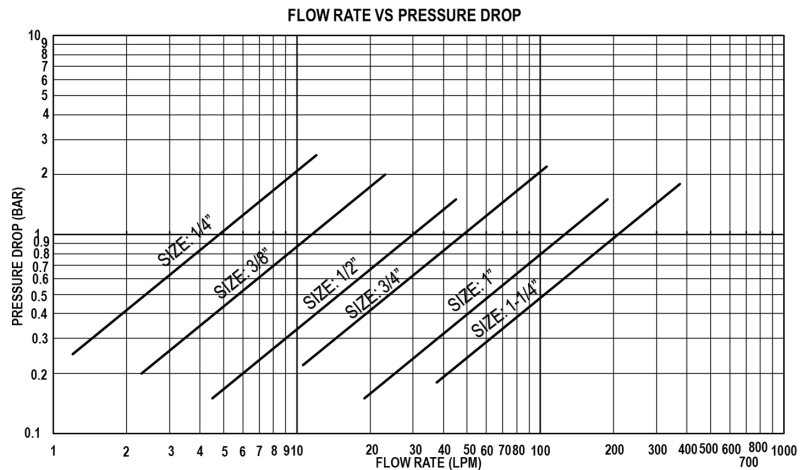


SIZE		MATERIAL	COLOUR	PART NO.
mm	inch			
6.3	1/4"	PLASTIC	RED	U87MASD-R
10	3/8"	PLASTIC	RED	U87MBSD-R
12.5	1/2"	PLASTIC	RED	U87MCSD-R
20	3/4"	PLASTIC	RED	U87MDSD-R
25	1"	PLASTIC	RED	U87MESD-R

SCREW COUPLING SERIES - FEMALE

Screw to connect couplings, ISO 14541 interchange.

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"*	1 1/4"*	1 1/2"	2"
Max. working pressure (Bar)	350	300	300	250	350	300	-	-
Burst Pressure (Bar) Min.	1400	1200	1200	1000	1000	1200	-	-

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII)



Seals
Nitrile



Valve Style
Poppet



Working Temperature
-30°C to +100°C



Connection Under Pressure
Not Allowed



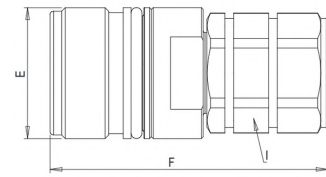
Connection / Disconnection
Sleeve Retraction

Application



SCREW COUPLING SERIES - FEMALE

Screw to connect couplings, ISO 14541 interchange.

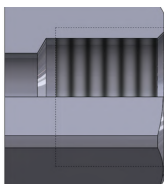


SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD 'A' (FEMALE)	PART NO.	E	F	I
6.3	1/4"	ISO 1179-1	1/4" BSP(F)	U00FASFBA	M24	62	24
6.3	1/4"	ISO 7-1	1/4" BSPT(F)	U00FASFTA	M24	62	24
6.3	1/4"	ANSI B1.20.3	1/4"-18 NPTF(F)	U00FASFFA	M24	62	24
10	3/8"	ISO 1179-1	3/8" BSP(F)	U00FBSFBB	M28	67	27
10	3/8"	ISO 7-1	3/8" BSPT(F)	U00FBSFTB	M28	67	27
10	3/8"	ANSI B1.20.3	3/8"-18 NPTF(F)	U00FBSFFB	M28	67	27
12.5	1/2"	ISO 1179-1	3/8" BSP(F)	U00FCSFBB	M36	76.8	30
12.5	1/2"	ISO 1179-1	1/2" BSP(F)	U00FCSFBC	M36	76.8	30
12.5	1/2"	ISO 7-1	1/2" BSPT(F)	U00FCSFTE	M36	76.8	30
12.5	1/2"	ANSI B1.20.3	1/2" -14 NPTF(F)	U00FCSFFE	M36	76.8	30
20	3/4"	ISO 1179-1	1/2" BSP(F)	U00FDSFBC	M42	92.9	36
20	3/4"	ISO 1179-1	3/4" BSP(F)	U00FDSFBE	M42	95.2	36
20	3/4"	ISO 7-1	3/4" BSPT(F)	U00FDSFTE	M42	95.2	36
20	3/4"	ANSI B1.20.3	3/4" -14 NPTF(F)	U00FDSFFE	M42	95.2	36
25	1"	ISO 1179-1	1" BSP(F)	U00FESFBF	M48	109	46
25	1"	ISO 7-1	1" BSPT(F)	U00FESFTF	M48	109	46
25	1"	ANSI B1.20.3	1"-11 1/2 NPTF	U00FESFFF	M48	109	46
31.5	1 1/4"	ISO 1179-1	1-1/4" BSP	U00FFSFBC	M70	127.5	60
31.5	1 1/4"	ISO 7-1	1-1/4" BSPT	U00FFSFTG	M70	127.5	60
31.5	1 1/4"	ANSI B1.20.3	1 1/4"-11 1/2 NPTF	U00FFSFFG	M70	127.5	60

All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

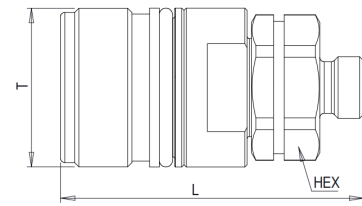
Thread Standard Details



ISO 1179-1, ISO 7-1 & ANSI B1.20.3

SCREW COUPLING SERIES - FEMALE

Screw to connect couplings, ISO 14541 interchangeable.

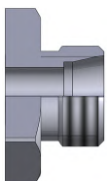


SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD 'A' (MALE)	PART NO.	T	L	HEX
6.3	1/4"	ISO 8434-1L	M14x1.5P	U00FASMMESL	30	57.5	24
6.3	1/4"	ISO 8434-1L	M16x1.5P	U00FASMMFSL	30	58.5	24
10	3/8"	ISO 8434-1L	M14x1.5P	U00FBSMMESL	34	64	27
10	3/8"	ISO 8434-1L	M16x1.5P	U00FBSMMFSL	34	65	27
10	3/8"	ISO 8434-1L	M18x1.5P	U00FBSMMGSL	34	65	27
12.5	1/2"	-----	1/2" BSP	U00FCSMBC	41.8	72.8	30
12.5	1/2"	ISO 8434-1L	M14x1.5P	U00FCSMMESL	41.8	68.8	30
12.5	1/2"	ISO 8434-1L	M16x1.5P	U00FCSMMFSL	41.8	69.8	30
12.5	1/2"	ISO 8434-1L	M18x1.5P	U00FCSMMGSL	41.8	69.8	30
12.5	1/2"	ISO 8434-1L	M22x1.5P	U00FCSMMKSL	41.8	70.8	30
12.5	1/2"	ISO 8434-1L	M26x1.5P	U00FCSMMLSL	41.8	70.8	30
12.5	1/2"	ISO 8434-1S	M18x1.5P	U00FCSMMGSS	41.8	70.8	30
12.5	1/2"	ISO 8434-1S	M20x1.5P	U00FCSMMHSS	41.8	70.8	30
12.5	1/2"	ISO 8434-1S	M22x1.5P	U00FCSMMKSS	41.8	72.8	30
12.5	1/2"	ISO 8434-1S	M24x1.5P	U00FCSMMISS	41.8	72.8	30
20	3/4"	ISO 8434-1L	M18x1.5P	U00FDSMMGSL	48.5	88.8	36
20	3/4"	ISO 8434-1L	M22x1.5P	U00FDSMMKSL	48.5	89.8	36
20	3/4"	ISO 8434-1L	M26x1.5P	U00FDSMMLSL	48.5	89.8	36
20	3/4"	ISO 8434-1L	M30x2P	U00FDSMMNSL	48.5	91.8	36
20	3/4"	ISO 8434-1S	M24x1.5P	U00FDSMMISS	48.5	91.8	36
20	3/4"	ISO 8434-1S	M30x2P	U00FDSMMNSS	48.5	93.8	36
25	1"	ISO 8434-1L	M26x1.5P	U00FESMMLSL	55.5	99	46
25	1"	ISO 8434-1L	M30x2P	U00FESMMNSL	55.5	101	46
25	1"	ISO 8434-1L	M36x2P	U00FESMMRSL	55.5	101	46
25	1"	ISO 8434-1L	M45x2P	U00FESMMJSL	55.5	103	46
25	1"	IDO 8434-1S	M30x2P	U00FESMMNSS	55.5	103	46
25	1"	IDO 8434-1S	M36x2P	U00FESMMRSS	55.5	105	46
25	1"	IDO 8434-1S	M42x2P	U00FESMMTSS	55.5	107	46

All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details



ISO 8434-1(L/S)

DUST CAP – FEMALE FOR SCREW COUPLING

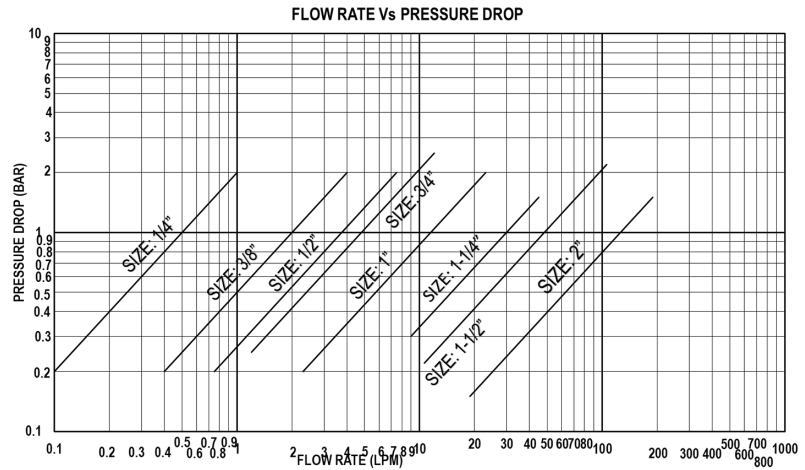


SIZE		MATERIAL	COLOUR	PART NO.
mm	inch			
6.3	1/4"	PLASTIC	RED	U88FASD-R
10	3/8"	PLASTIC	RED	U88FBSD-R
12.5	1/2"	PLASTIC	RED	U88FCSD-R
20	3/4"	PLASTIC	RED	U88FDSD-R
25	1"	PLASTIC	RED	U88FESD-R

HIGH PRESSURE SCREW COUPLING SERIES - MALE

Screw to connect couplings for high pressure applications

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	800	800	700	700	630	600	400	350
Burst Pressure (Bar) Min.	2400	3400	2100	2400	1900	1800	1200	1300

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII)



Seals
Nitrile



Valve Style
Poppet



Working Temperature
-30°C to +100°C



Connection Under Pressure
Not Allowed



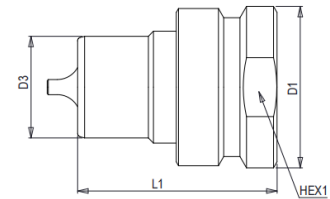
Connection / Disconnection
Sleeve Retraction

Application



HIGH PRESSURE SCREW COUPLING SERIES - MALE

Screw to connect couplings for high pressure applications

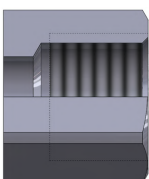


SIZE		THREAD DETAILS			DIMENSIONS			
mm	inch	STANDARD	THREAD (FEMALE)	PART NO.	D3	D1	L1	HEX1
6.3	1/4"	ISO 1179-1	1/4" BSP	U00MAHFBA	14.1	28	43	25
6.3	1/4"	ISO 7-1	1/4" BSPT	U00MAHFTA	14.1	28	43	25
6.3	1/4"	ANSI B1.20.3	1/4"-18 NPTF	U00MAHFFA	14.1	28	43	25
10	3/8"	ISO 1179-1	3/8" BSP	U00MBHFBB	18.9	35	48	30
10	3/8"	ISO 7-1	3/8" BSPT	U00MBHFTB	18.9	35	48	30
10	3/8"	ANSI B1.20.3	3/8"-18 NPTF	U00MBHFFB	18.9	35	48	30
12.5	1/2"	ISO 1179-1	1/2" BSP	U00MCHFBC	20.5	38	53	34
12.5	1/2"	ISO 7-1	1/2" BSPT	U00MCHFTC	20.5	38	53	34
12.5	1/2"	ANSI B1.20.3	1/2"-14 NPTF	U00MCHFFC	20.5	38	53	34
20	3/4"	ISO 1179-1	3/4" BSP	U00MDHFBE	27.9	50	63	46
20	3/4"	ISO 7-1	3/4" BSPT	U00MDHFTE	27.9	50	63	46
20	3/4"	ANSI B1.20.3	3/4"-14 NPTF	U00MDHFFE	27.9	50	63	46
25	1"	ISO 1179-1	1" BSP	U00MEHFBF	31.3	55	72	49.9
25	1"	ISO 7-1	1" BSPT	U00MEHFTF	31.3	55	72	49.9
25	1"	ANSI B1.20.3	1"-11 1/2 NPTF	U00MEHFFF	31.3	55	72	49.9
31.5	1 1/4"	ISO 1179-1	1 1/4" BSP	U00MFHFBG	43.9	69.7	86	64.9
31.5	1 1/4"	ISO 7-1	1 1/4" BSPT	U00MFHFTG	43.9	69.7	86	64.9
31.5	1 1/4"	ANSI B1.20.3	1 1/4"-11 1/2 NPTF	U00MFHFFG	43.9	69.7	86	64.9
40	1 1/2"	ISO 1179-1	1 1/2" BSP	U00MGHFBH	53.5	84	95	79.9
40	1 1/2"	ISO 7-1	1 1/2" BSPT	U00MGHFTH	53.5	84	95	79.9
40	1 1/2"	ANSI B1.20.3	1 1/2"-11 1/2 NPTF	U00MGHFFH	53.5	84	95	79.9
50	2"	ISO 1179-1	2" BSP	U00MHHFBI	81.9	120	118	110
50	2"	ISO 7-1	2" BSPT	U00MHHFTI	81.9	120	118	110
50	2"	ANSI B1.20.3	2"-11 1/2 NPTF	U00MHHFFI	81.9	120	118	110

All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details

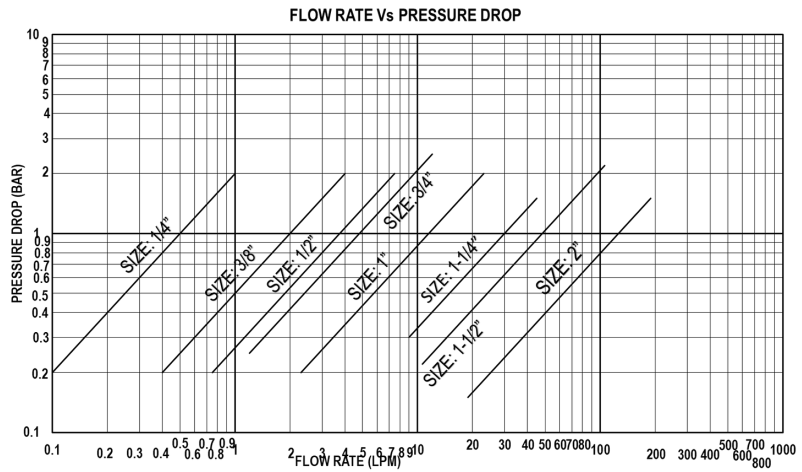
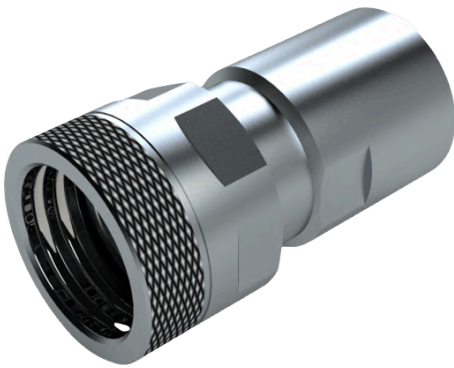


ISO 1179-1, ISO 7-1,
ANSI B1.20.3 & DIN 3852-1

HIGH PRESSURE SCREW COUPLING SERIES - FEMALE

Screw to connect couplings for high pressure applications

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	800	800	700	700	630	600	400	350
Burst Pressure (Bar) Min.	2400	3400	2100	2400	1900	1800	1200	1300

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII)



Seals
Nitrile



Valve Style
Poppet



Working Temperature
-30°C to +100°C



Connection Under Pressure
Not Allowed



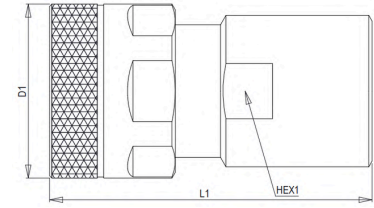
Connection / Disconnection
Sleeve Retraction

Application



HIGH PRESSURE SCREW COUPLING SERIES - FEMALE

Screw to connect couplings for high pressure applications

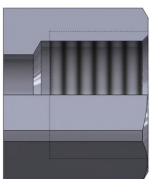


SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD (FEMALE)	PART NO.	D1	L1	HEX1
6.3	1/4"	ISO 1179-1	1/4" BSP	U00FAHFBA	30	68	22
6.3	1/4"	ISO 7-1	1/4" BSPT	U00FAHFTA	30	68	22
6.3	1/4"	ANSI B1.20.3	1/4"-18 NPTF	U00FAHFFA	30	68	22
10	3/8"	ISO 1179-1	3/8" BSP	U00FBHFBB	40	76	30
10	3/8"	ISO 7-1	3/8" BSPT	U00FBHFTB	40	76	30
10	3/8"	ANSI B1.20.3	3/8"-18 NPTF	U00FBHFFB	40	76	30
12.5	1/2"	ISO 1179-1	1/2" BSP	U00FCHFBC	45	87	34
12.5	1/2"	ISO 7-1	1/2" BSPT	U00FCHFTC	45	87	34
12.5	1/2"	ANSI B1.20.3	1/2"-14 NPTF	U00FCHFFC	45	87	34
20	3/4"	ISO 1179-1	3/4" BSP	U00FDHFBE	55	106	41
20	3/4"	ISO 7-1	3/4" BSPT	U00FDHFTE	55	106	41
20	3/4"	ANSI B1.20.3	3/4"-14 NPTF	U00FDHFFE	55	106	41
25	1"	ISO 1179-1	1" BSP	U00FEHFBB	60	123.8	49.9
25	1"	ISO 7-1	1" BSPT	U00FEHFTB	60	123.8	49.9
25	1"	ANSI B1.20.3	1"-11 1/2 NPTF	U00FEHFFF	60	123.8	49.9
31.5	1 1/4"	ISO 1179-1	1 1/4" BSP	U00FFHFBB	80	152.5	64.9
31.5	1 1/4"	ISO 7-1	1 1/4" BSPT	U00FFHFTE	80	152.5	64.9
31.5	1 1/4"	ANSI B1.20.3	1 1/4"-11 1/2 NPTF	U00FFHFFG	80	152.5	64.9
40	1 1/2"	ISO 1179-1	1 1/2" BSP	U00FGHFBB	98	172	74.9
40	1 1/2"	ISO 7-1	1 1/2" BSPT	U00FGHFTE	98	172	74.9
40	1 1/2"	ANSI B1.20.3	1 1/2"-11 1/2 NPTF	U00FGHFFH	98	172	74.9
50	2"	ISO 1179-1	2" BSP	U00FHHFBI	129	206.5	100
50	2"	ISO 7-1	2" BSPT	U00FHHFTI	129	206.5	100
50	2"	ANSI B1.20.3	2"-11 1/2 NPTF	U00FHHFFI	129	206.5	100

All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

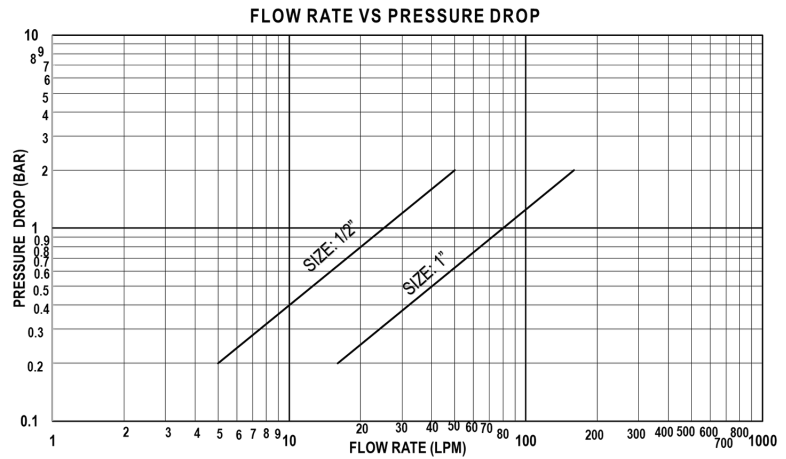
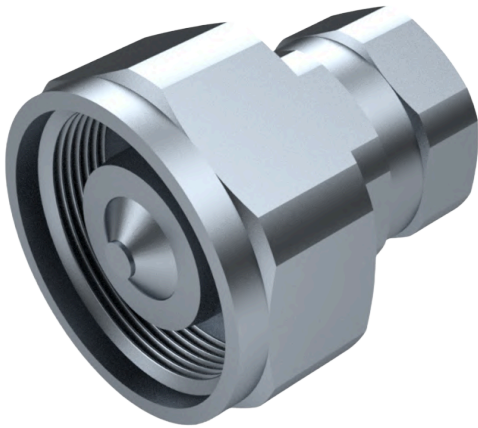
Thread Standard Details



ISO 1179-1, ISO 7-1,
ANSI B1.20.3 & DIN 3852-1

Screw-to-connect couplings for construction equipment application.

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	-	-	340	-	340	-	-	-
Burst Pressure (Bar) Min.	-	-	1020	-	1120	-	-	-

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII)



Seals
Nitrile



Valve Style
Poppet



Working Temperature
-30°C to +100°C



Connection Under Pressure
Not Allowed



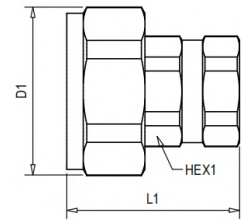
Connection / Disconnection
Sleeve Retraction

Application



SCREW COUPLING (C.E.A) - MALE

Screw-to-connect couplings for construction equipment application.

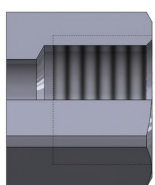


SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD	PART NO.	D1	L1	HEX1
12.5	1/2"	ISO 8434-1L	M22x1.5P (M)	U00MCSEMMKSL	45	58	27
12.5	1/2"	ISO 8434-3	1"-14 UNS (M)	U00MCSEMUOBF	45	91	34
12.5	1/2"	ISO 8434-3	13/16"-16 UN (M)	U00MCSEMUJBF	45	80	27
12.5	1/2"	ISO 11926-3	3/4"-16 UNF (M)	U00MCSEMUN3	45	57	27
12.5	1/2"	ISO 6149-1	M22x1.5P (F)	U00MCSEFMKO	45	61	27
12.5	1/2"	ISO 11926-1	7/8"-14 UNF (F)	U00MCSEFUV	45	63	30
12.5	1/2"	ISO 1179-1	1/2" BSP (F)	U00MCSEFBC	45	48	30
25	1"	ISO 11926-1	1-5/16"-12 UN (F)	U00MESEFUY	72	91	42
25	1"	ISO 8434-1S	M42x2P (M)	U00MESEMMTSS	72	88	46
25	1"	ISO 8434-1S	M36x2P (M)	U00MESEMMRSS	72	91	38
25	1"	ISO 11926-1	1-3/16"-12 UN (F)	U00MESEFUA1	72	90	42
25	1"	ISO 9974-1	M30x1.5P (F)	U00MESEFMN	72	90	42

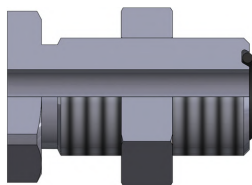
All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

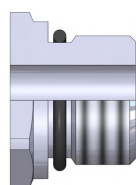
Thread Standard Details



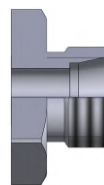
ISO 1179-1 & ISO 9974-1



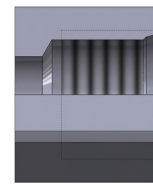
ISO 8434-3



ISO 11926-3



ISO 8434-1(L/S)

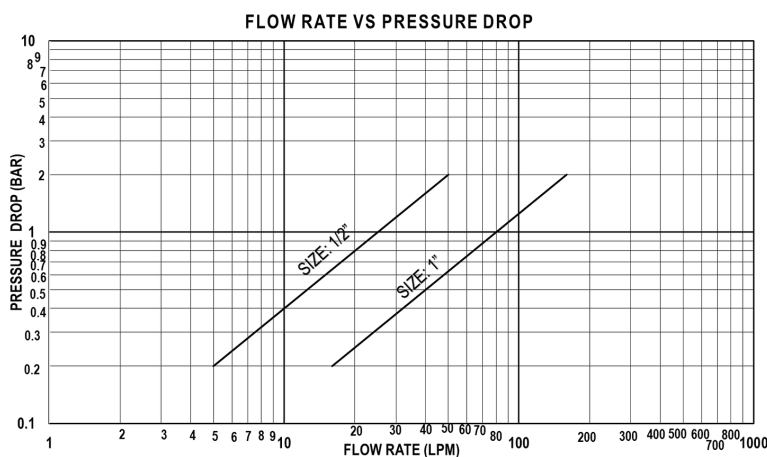


ISO 11926-1 & ISO 6149-1

SCREW COUPLING (C.E.A) - FEMALE

Screw-to-connect couplings for construction equipment application.

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	-	-	340	-	340	-	-	-
Burst Pressure (Bar) Min.	-	-	1020	-	1120	-	-	-

Product Details

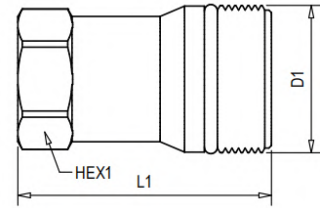
- Material: Carbon Steel
- Seals: Nitrile
- Working Temperature: -30°C to +100°C
- Connection / Disconnection: Sleeve Retraction
- Surface Treatment: Zinc Plating (CrIII)
- Valve Style: Poppet
- Connection Under Pressure: Not Allowed

Application



SCREW COUPLING (C.E.A) - FEMALE

Screw-to-connect couplings for construction equipment application.

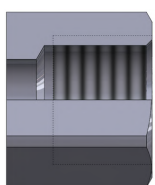


SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD	PART NO.	D1	L1	HEX1
12.5	1/2"	ISO 8434-1L	M18x1.5P (M)	U00FCSEMMGSL	35	56	27
12.5	1/2"	ISO 8434-3	13/16"-16 UN (M)	U00FCSEMUJF	35	58	27
12.5	1/2"	ISO 6149-1	M22x1.5P (F)	U00FCSEFMKO	35	60	27
12.5	1/2"	ISO 11926-1	7/8"-14 UNF (F)	U00FCSEFUV	35	62	30
12.5	1/2"	ISO 1179-1	1/2" BSP (F)	U00FCSEFBC	35	50	30
25	1"	ISO 11926-1	1-3/16"-12 UN (F)	U00FESEFUA1	54	97	42
25	1"	ISO 9974-1	M30x1.5P (F)	U00FESEFMN	54	97	42
25	1"	ISO 8434-1S	M36x2P (M)	U00FESEMMRSS	54	98	38

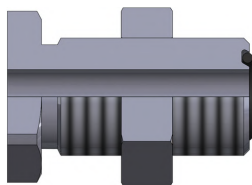
All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

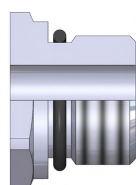
Thread Standard Details



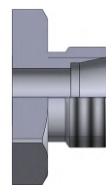
ISO 1179-1 & ISO 9974-1



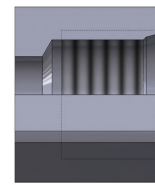
ISO 8434-3



ISO 11926-3



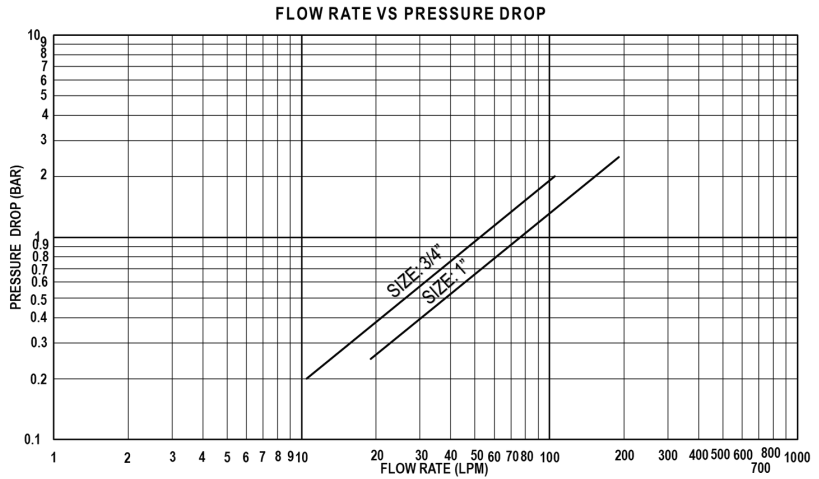
ISO 8434-1(L/S)



ISO 11926-1 & ISO 6149-1

Screw Male coupling with special wing type sleeve for ease of application
Specially used for Tipper Trucks

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	-	-	-	350	350	-	-	-
Burst Pressure (Bar) Min.	-	-	-	1000	1000	-	-	-

Product Details

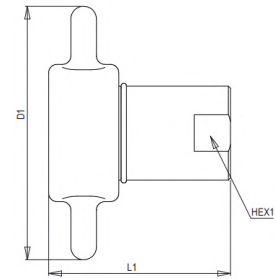
- Material
Carbon Steel
- Surface Treatment
Zinc Plating (CrIII)
- Seals
Nitrile
- Valve Style
Poppet
- Working Temperature
-30°C to +100°C
- Connection Under Pressure
Allowed Residual
- Connection / Disconnection
Screw to Connect/ Unscrew to Disconnect

Application



WING NUT COUPLING SERIES - MALE

**Screw Male coupling with special wing type sleeve for ease of application
Specially used for Tipper Trucks**

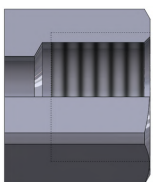


SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD	PART NO.	D1	L1	HEX1
20	3/4"	ISO 1179-1	3/4" BSP (F)	U00MDWFBE	66.7	77.4	33
25	1"	ISO 1179-1	1" BSP (F)	U00MEWFBF	120	85.5	41
25	1"	ISO 8434-3	1-7/16"-12 UN (M)	U00MEWMUS	120	78.3	46

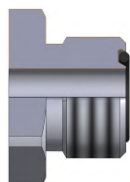
All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details



ISO 1179-1

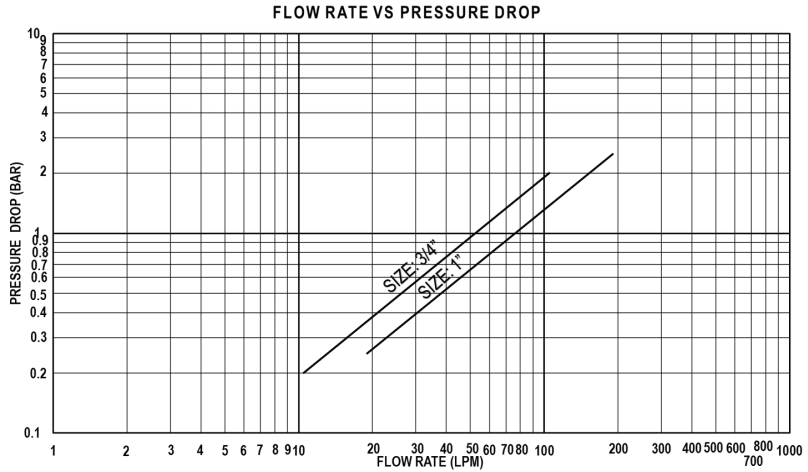


ISO 8434-3

WING NUT COUPLING SERIES - FEMALE

**Screw Female coupling with special wing type sleeve for ease of application
Specially used for Tipper Trucks**

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	-	-	-	350	350	-	-	-
Burst Pressure (Bar) Min.	-	-	-	1000	1000	-	-	-

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII)



Seals
Nitrile



Valve Style
Poppet



Working Temperature
-30°C to +100°C



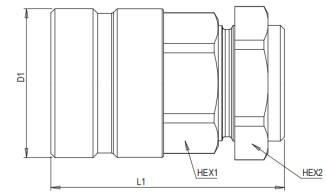
Connection Under Pressure
Allowed Residual

Application



WING NUT COUPLING SERIES - FEMALE

**Screw Female coupling with special wing type sleeve for ease of application
Specially used for Tipper Trucks**

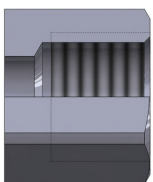


SIZE		THREAD DETAILS			DIMENSIONS			
mm	inch	STANDARD	THREAD	PART NO.	D1	L1	HEX1	HEX2
20	3/4"	ISO 1179-1	3/4" BSP (F)	U00FDWFBE	1-3/4"-10 UNS	78	46	50
25	1"	ISO 1179-1	1" BSP (F)	U00FEWFBF	2-1/8"-10 UNS	85	46	50
25	1"	ISO 1179-2	1" BSP (M)	U00FEWMBFW	2-1/8"-10 UNS	89.7	46	46

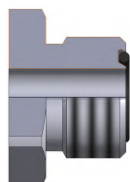
All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details



ISO 1179-1

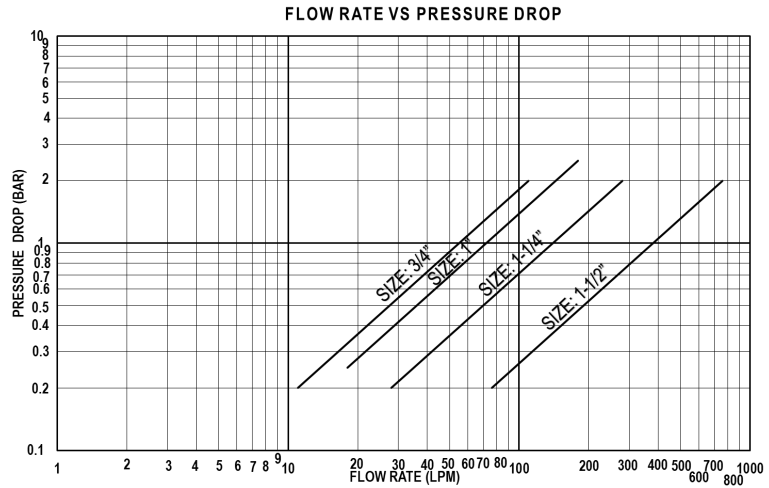
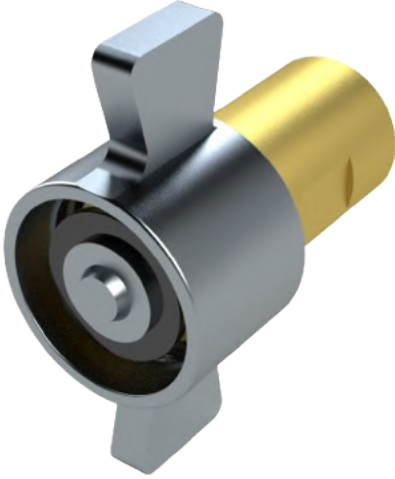


ISO 8434-3

WING NUT BRASS COUPLING - MALE

Wing nut male couplings for road machines applications.

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	-	-	-	210	210	190	170	-
Burst Pressure (Bar) Min.	-	-	-	580	720	570	350	-

Product Details



Material
Brass



Surface Treatment



Seals
Nitrile



Valve Style
Flat



Working Temperature
-30°C to +100°C



Connection Under Pressure
Not Allowed



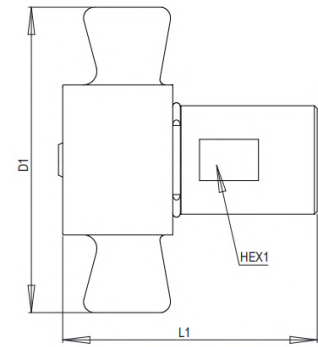
Connection / Disconnection
Screw to Connect/ Unscrew to Disconnect

Application



WING NUT BRASS COUPLING - MALE

Wing nut male couplings for road machines applications.

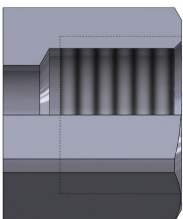


SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD (FEMALE)	PART NO.	D1	L1	HEX1
20	3/4"	ANSI B1.20.3	1/2"-14 NPTF	U00MDWLFFCB	102	80.5	1 1/8"
20	3/4"	ANSI B1.20.3	3/4"-14 NPTF	U00MDWLFFEB	102	80.5	1 1/8"
25	1"	ANSI B1.20.3	1"-11 1/2 NPTF	U00MEWLFFFB	114.5	95.3	1 7/16"
31.5	1 1/4"	ANSI B1.20.3	1 1/4"-11 1/2 NPTF	U00MFWLFFGB	135	100	1 3/4"
40	1 1/2"	ANSI B1.20.3	1 1/2"-11 1/2 NPTF	U00MGWLFFHB	135	103	2"

All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details

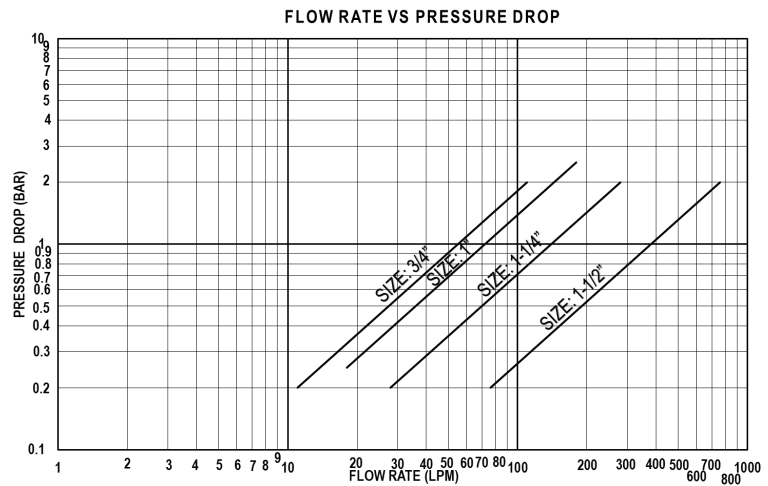
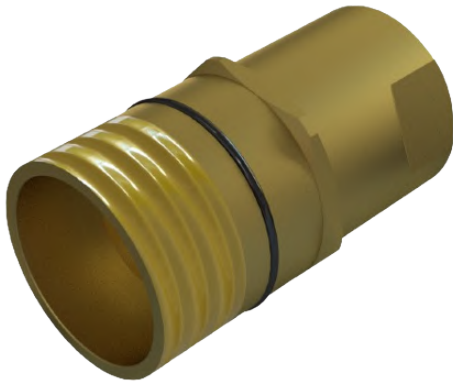


ANSI B1.20.3

WING NUT BRASS COUPLING - FEMALE

Wing nut female couplings for road machines applications.

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	-	-	-	210	210	190	170	-
Burst Pressure (Bar) Min.	-	-	-	580	720	570	350	-

Product Details



Material
Brass



Surface Treatment



Seals
Nitrile



Valve Style
Flat



Working Temperature
-30°C to +100°C



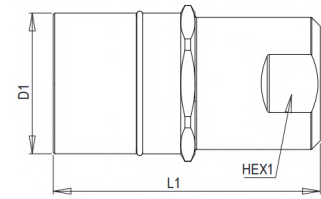
Connection Under Pressure
Not Allowed

Application



WING NUT BRASS COUPLING - FEMALE

Wing nut female couplings for road machines applications.

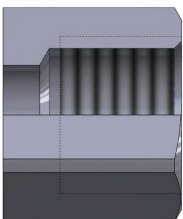


SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD (FEMALE)	PART NO.	D1	L1	HEX1
20	3/4"	ANSI B1.20.3	1/2"-14 NPTF	U00FDWLFFCB	1 1/2"-12 UNF	79	1 5/8"
20	3/4"	ANSI B1.20.3	3/4"-14 NPTF	U00FDWLFFEW	1 1/2"-12 UNF	79	1 5/8"
25	1"	ANSI B1.20.3	1"-11 1/2 NPTF	U00FEWLFFFB	1 7/8"-12 UN	90	1 7/8"
31.5	1 1/4"	ANSI B1.20.3	1 1/4"-11 1/2 NPTF	U00FFWLFFGB	2 1/8"-12 UN	94.2	2 3/8"
40	1 1/2"	ANSI B1.20.3	1 1/2"-11 1/2 NPTF	U00FGWLFFHB	2 1/2"-12 UN	104.5	2 1/2"

All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

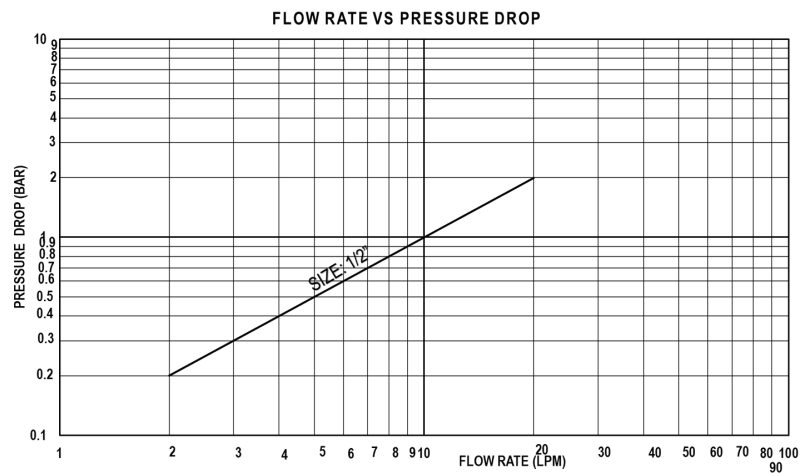
Thread Standard Details



ANSI B1.20.3

Couplings for braking systems, ISO 5676 interchange

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	-	-	150	-	-	-	-	-
Burst Pressure (Bar) Min.	-	-	600	-	-	-	-	-

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII)



Seals
Nitrile



Valve Style
Flat



Working Temperature
-30°C to +100°C

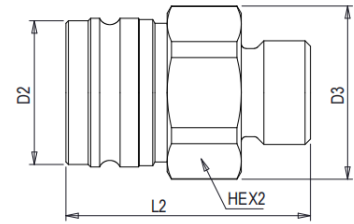


Connection Under Pressure
Not Allowed

Application



Couplings for braking systems, ISO 5676 interchange

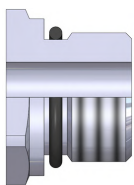


SIZE		THREAD DETAILS			DIMENSIONS			
mm	inch	STANDARD	THREAD (MALE)	PART NO.	D2	D3	L2	HEX2
12.5	1/2"	ISO 8434-6	1/2" BSP	U00MCGMBC	29	35	49.5	32
12.5	1/2"	ISO 8434-3	11/16"-16 UN	U00MCGMUW	29	35	46.5	32
12.5	1/2"	ISO 8434-3	13/16"-16 UN	U00MCGMUJ	29	35	48.5	32
12.5	1/2"	ISO 6149-2	M18x1.5P	U00MCGMMGS	29	35	52	32
12.5	1/2"	ISO 6149-2	M22x1.5P	U00MCGMMKS	29	35	53	32
12.5	1/2"	ISO 8434-1L	M16x1.5P	U00MCGMMFSL	29	35	46.5	32
12.5	1/2"	ISO 8434-1L	M18x1.5P	U00MCGMMGSL	29	35	46.5	32
12.5	1/2"	ISO 8434-1L	M22x1.5P	U00MCGMMKSL	29	35	47.5	32

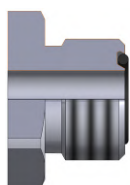
All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details



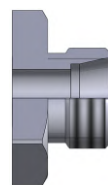
ISO 6149-2



ISO 8434-3

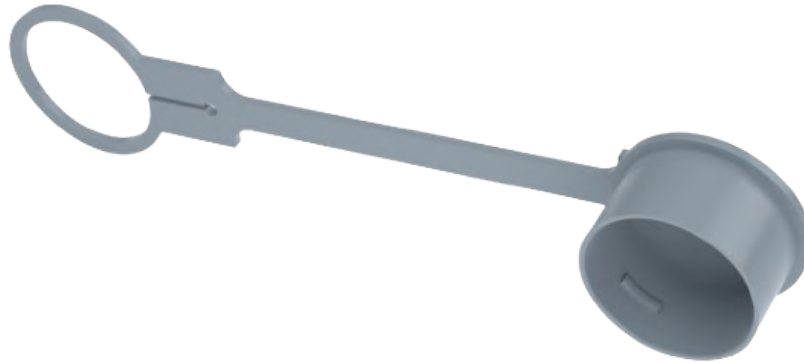


ISO 8434-6



ISO 8434-1(L/S)

DUST CAP – MALE FOR TRAILER BRAKE SERIES



SIZE		MATERIAL	COLOUR	PART NO.
mm	inch			
12.5	1/2"	PLASTIC	GREY	U02MCGD-GR

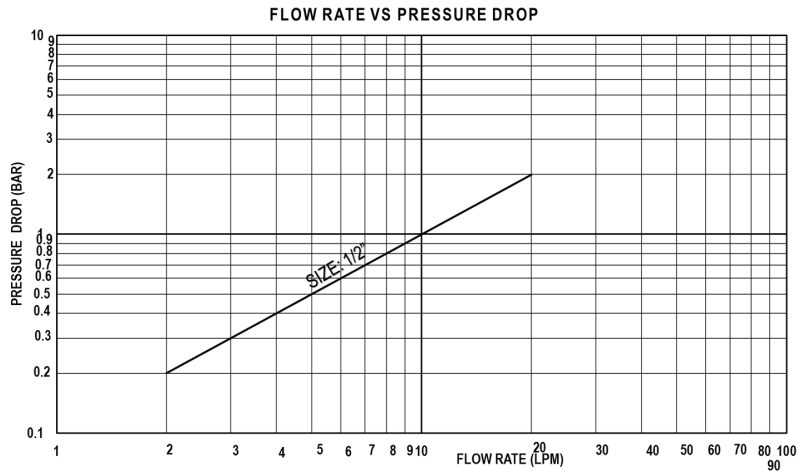
DUST CAP – MALE FOR TRAILER BRAKE SERIES



SIZE		MATERIAL	PART NO.
mm	inch		
12.5	1/2"	CARBON STEEL	U02MCGCR
12.5	1/2"	NYLON + STEEL	U02MCGG

Couplings for braking systems, ISO 5676 interchange

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	-	-	150	-	-	-	-	-
Burst Pressure (Bar) Min.	-	-	600	-	-	-	-	-

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII)



Seals
Nitrile



Valve Style
Flat



Working Temperature
-30°C to +100°C



Connection Under Pressure
Not Allowed

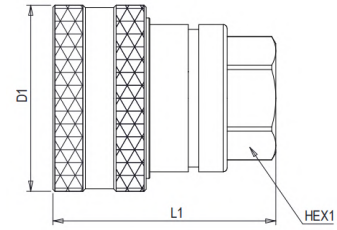


Connection / Disconnection
Sleeve Retraction

Application



Couplings for braking systems, ISO 5676 interchange



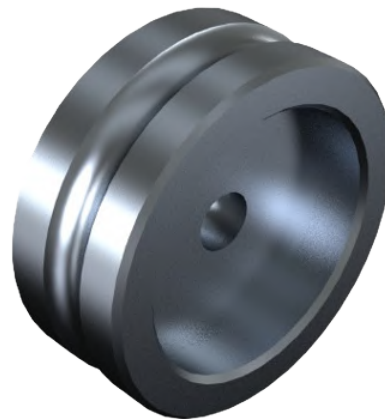
SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD (FEMALE)	PART NO.	D1	L1	HEX1
12.5	1/2"	DIN 3852-2	1/2" BSP	U00FCGFBC	46	55	27
12.5	1/2"	SAE J1926-1	3/8" BSP	U00FCGFBB	46	55	27
12.5	1/2"	ISO 9974-1	M18x1.5P	U00FCGMG	46	55	27

All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

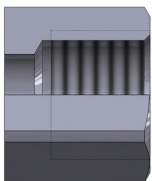
ACCESSORIES & SPARES

DUST PLUG – FEMALE FOR TRAILER BRAKE SERIES

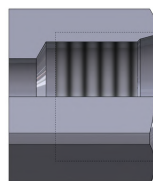


SIZE		MATERIAL	PART NO.
mm	inch		
12.5	1/2"	CARBON STEEL	U01FCG

Thread Standard Details



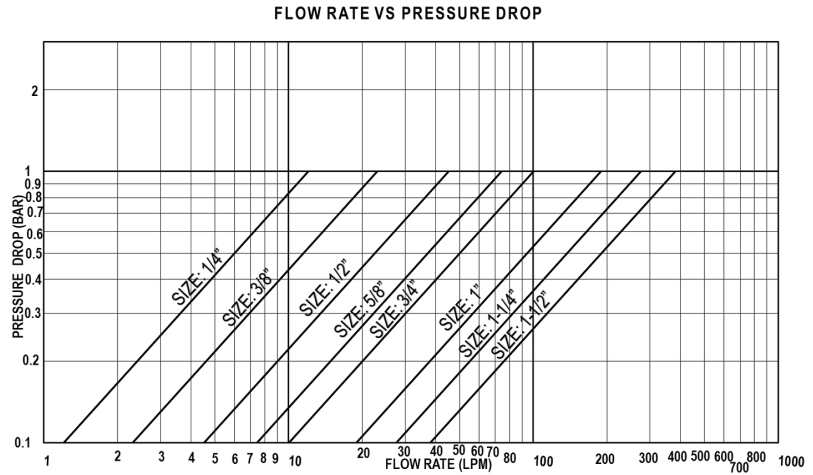
DIN 3852-2 & ISO 9974-1



SAE J1926-1

Flat face Male couplings, ISO 16028 interchange

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	350	350	350	350	350	350	270	-
Burst Pressure (Bar) Min.	1400	1400	1400	1400	1400	1400	1000	-

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII) & Zinc Nickel



Seals
Nitrile



Valve Style
Flat



Working Temperature
-30°C to +100°C

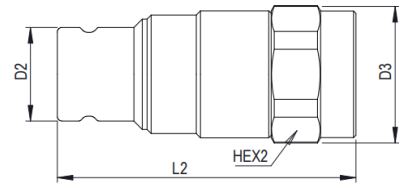


Connection Under Pressure
Not Allowed

Application



Flat face Male couplings, ISO 16028 interchange

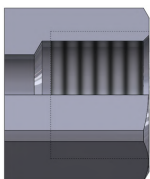


SIZE		THREAD DETAILS			DIMENSIONS			
mm	inch	STANDARD	THREAD (FEMALE)	PART NO.	D2	D3	L2	HEX2
6.3	1/4"	ISO 1179-1	1/4" BSP	U00MAFFBA	16.1	24	55	22
6.3	1/4"	ISO 1179-1	3/8" BSP	U00MAFFBB	16.1	24	55	22
6.3	1/4"	ISO 7-1	1/4 BSPT	U00MAFFTA	16.1	24	55	22
6.3	1/4"	ISO 7-1	3/8" BSPT	U00MAFFTB	16.1	24	55	22
6.3	1/4"	ANSI B1.20.3	1/4"-18 NPTF	U00MAFFFA	16.1	24	55	22
6.3	1/4"	ANSI B1.20.3	3/8"-18 NPTF	U00MAFFFB	16.1	24	55	22
10	3/8"	ISO 1179-1	3/8" BSP	U00MBFFBB	19.7	29	65.4	27
10	3/8"	ISO 1179-1	1/2" BSP	U00MBFFBC	19.7	29	65.4	27
10	3/8"	ISO 7-1	3/8" BSPT	U00MBFFTB	19.7	29	65.4	27
10	3/8"	ISO 7-1	1/2" BSPT	U00MBFFTC	19.7	29	65.4	27
10	3/8"	ANSI B1.20.3	3/8"-18 NPTF	U00MBFFFB	19.7	29	65.4	27
10	3/8"	ANSI B1.20.3	1/2"-14 NPTF	U00MBFFFC	19.7	29	65.4	27
10	3/8"	SAE J1926-1	3/4"-16 UNF	U00MBFFUN	19.7	29	65.4	27
12.5	1/2"	ISO 1179-1	1/2" BSP	U00MCFBFC	24.5	40	71.1	36
12.5	1/2"	ISO 1179-1	3/4" BSP	U00MCFBFE	24.5	40	71.1	36
12.5	1/2"	ISO 7-1	1/2" BSPT	U00MCFBTC	24.5	40	72	36
12.5	1/2"	ISO 7-1	3/4" BSPT	U00MCFBTE	24.5	40	73	36
12.5	1/2"	ANSI B1.20.3	1/2"-14 NPTF	U00MCFFFC	24.5	40	71.1	36
12.5	1/2"	ANSI B1.20.3	3/4"-14 NPTF	U00MCFFFE	24.5	40	73.1	36
12.5	1/2"	SAE J1926-1	7/8"-14 UNF	U00MCFFUV	24.5	40	71.1	36
12.5	1/2"	SAE J1926-1	1-1/16"-12 UN	U00MCFFUS	24.5	40	72.1	36
12.5	1/2"	ANSI B1.20.1	1/2"-14 NPSF	U00MCFFSC	24.5	40	72.1	36
16	5/8"	ISO 1179-1	5/8" BSP	U00MIFFBD	27	45	91.1	41
16	5/8"	ISO 1179-1	3/4" BSP	U00MIFFBE	27	45	91.1	41
16	5/8"	ANSI B1.20.3	3/4"-14 NPTF	U00MIFFFE	27	45	91.1	41
16	5/8"	SAE J1926-1	1-1/16"-12 UN	U00MIFFUS	27	45	94.1	41
19	3/4"	ISO 1179-1	3/4" BSP	U00MDFFBE	29.9	50	88.9	46
19	3/4"	ISO 1179-1	1" BSP	U00MDFFBF	29.9	50	90.7	46

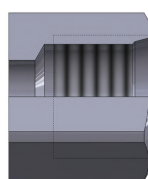
All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details



ISO 1179-1, ISO 7-1,
ANSI B1.20.3 & DIN 3852-1

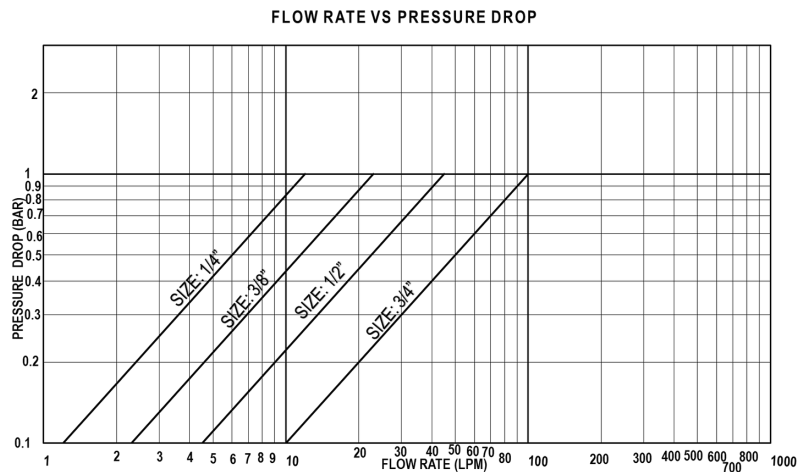


SAE J1926-1

FLAT FACE SERIES – MALE (CONNECT UNDER PRESSURE)

Flat face Connect Under Pressure Male couplings, ISO 16028 interchange

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	350	350	350	350	-	-	-	-
Burst Pressure (Bar) Min.	1400	1400	1400	1400	-	-	-	-

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII) & Zinc Nickel



Seals
Nitrile



Valve Style
Flat



Working Temperature
-30°C to +100°C



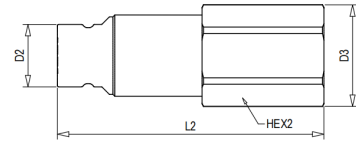
Connection Under Pressure
Allowed Residual

Application



FLAT FACE SERIES – MALE (CONNECT UNDER PRESSURE)

**Flat face Connect Under Pressure Male couplings,
ISO 16028 interchange**

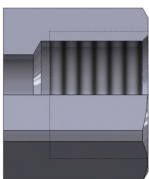


SIZE		THREAD DETAILS			DIMENSIONS			
mm	inch	STANDARD	THREAD (FEMALE)	PART NO.	D2	D3	L2	HEX2
6.3	1/4"	ISO 1179-1	1/4" BSP	U00MAFCFBA	16.1	24	79	22
6.3	1/4"	ISO 1179-1	3/8" BSP	U00MAFCFBB	16.1	24	82	22
6.3	1/4"	ISO 7-1	1/4" BSPT	U00MAFCFTA	16.1	24	79	22
6.3	1/4"	ISO 7-1	3/8" BSPT	U00MAFCFTB	16.1	24	82	22
6.3	1/4"	ANSI B1.20.3	1/4"-18 NPTF	U00MAFCFFA	16.1	24	82	22
6.3	1/4"	ANSI B1.20.3	3/8"-18 NPTF	U00MAFCFFB	16.1	24	84	22
10	3/8"	ISO 1179-1	3/8" BSP	U00MBFCFBB	19.7	29	79.7	27
10	3/8"	ISO 1179-1	1/2" BSP	U00MBFCFBC	19.7	29	84	27
10	3/8"	ISO 7-1	3/8" BSPT	U00MBFCFTB	19.7	29	79.7	27
10	3/8"	ISO 7-1	1/2" BSPT	U00MBFCFTC	19.7	29	84	27
10	3/8"	ANSI B1.20.3	3/8"-18 NPTF	U00MBFCFFB	19.7	29	79.7	27
10	3/8"	ANSI B1.20.3	1/2"-14 NPTF	U00MBFCFFC	19.7	29	84	27
12.5	1/2"	ISO 1179-1	1/2" BSP	U00MCFCFBC	24.5	40	112.8	36
12.5	1/2"	ISO 1179-1	3/4" BSP	U00MCFCFBE	24.5	40	112.8	36
12.5	1/2"	ISO 7-1	1/2" BSPT	U00MCFCFTC	24.5	40	112.8	36
12.5	1/2"	ISO 7-1	3/4" BSPT	U00MCFCFTE	24.5	40	112.8	36
12.5	1/2"	ANSI B1.20.3	1/2"-14 NPTF	U00MCFCFFC	24.5	40	112.8	36
12.5	1/2"	ANSI B1.20.3	3/4"-14 NPTF	U00MCFCFFE	24.5	40	112.8	36
12.5	1/2"	SAE J1926-1	1 1/16"-16 UN	U00MCFCFUSS	24.5	40	127	36
12.5	1/2"	ISO 6149-1	M22x1.5P	U00MCFCFMKO	24.5	40	112.8	36
12.5	1/2"	ISO 6149-1	M30x2P	U00MCFCFMNO	24.5	40	112.8	36
19	3/4"	ISO 1179-1	3/4" BSP	U00MDFCFBE	29.9	46	128.4	42
19	3/4"	ISO 1179-1	1" BSP	U00MDFCFBF	29.9	46	128.4	42
19	3/4"	ISO 7-1	3/4" BSPT	U00MDFCFTE	29.9	46	128.4	42
19	3/4"	ISO 7-1	1" BSPT	U00MDFCFTF	29.9	46	128.4	42
19	3/4"	ANSI B1.20.3	3/4"-14 NPTF	U00MDFCFFE	29.9	46	129	42
19	3/4"	ANSI B1.20.3	1"-11 1/2 NPTF	U00MDFCFFF	29.9	46	129	42

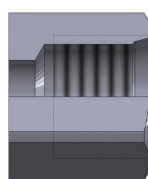
All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details



ISO 1179-1, ISO 7-1,
ANSI B1.20.3



SAE J1926-1 & ISO
6149-1

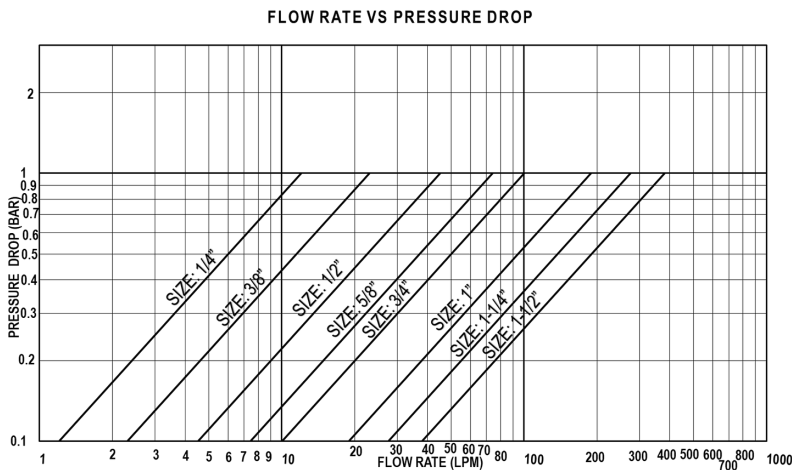
DUST CAP – MALE FOR FLAT FACE SERIES



SIZE		MATERIAL	COLOUR	PART NO.
mm	inch			
6.3	1/4"	PVC	RED	U88MAFE-R
6.3	1/4"	PVC	BLUE	U88MAFE-BU
6.3	1/4"	PVC	BLACK	U88MAFE-BL
6.3	1/4"	PVC	GREEN	U88MAFE-G
6.3	1/4"	PVC	YELLOW	U88MAFE-Y
6.3	1/4"	PVC	BROWN	U88MAFE-BRW
10	3/8"	PVC	RED	U88MBFE-R
10	3/8"	PVC	BLUE	U88MBFE-BU
10	3/8"	PVC	BLACK	U88MBFE-BL
10	3/8"	PVC	GREEN	U88MBFE-G
10	3/8"	PVC	YELLOW	U88MBFE-Y
10	3/8"	PVC	BROWN	U88MBFE-BRW
12.5	1/2"	PVC	RED	U88MCFE-R
12.5	1/2"	PVC	BLUE	U88MCFE-BU
12.5	1/2"	PVC	BLACK	U88MCFE-BL
12.5	1/2"	PVC	GREEN	U88MCFE-G
12.5	1/2"	PVC	YELLOW	U88MCFE-Y
12.5	1/2"	PVC	BROWN	U88MCFE-BRW
20	3/4"	PVC	RED	U88MDFE-R
20	3/4"	PVC	BLUE	U88MDFE-BU
20	3/4"	PVC	BLACK	U88MDFE-BL
20	3/4"	PVC	GREEN	U88MDFE-G
20	3/4"	PVC	YELLOW	U88MDFE-Y
20	3/4"	PVC	BROWN	U88MDFE-BRW
25	1"	PVC	RED	U88MEFE-R
25	1"	PVC	BLUE	U88MEFE-BU
25	1"	PVC	BLACK	U88MEFE-BL
25	1"	PVC	GREEN	U88MEFE-G
25	1"	PVC	YELLOW	U88MEFE-Y
25	1"	PVC	BROWN	U88MEFE-BRW

Flat face Female couplings, ISO 16028 interchange

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	350	350	350	350	350	-	-	-
Burst Pressure (Bar) Min.	1400	1400	1400	1400	1400	-	-	-

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII) & Zinc Nickel



Seals
Nitrile



Valve Style
Flat



Working Temperature
-30°C to +100°C



Connection Under Pressure
Not Allowed

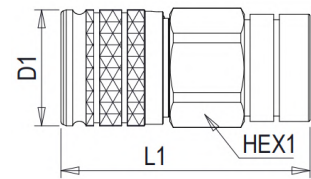


Connection / Disconnection
Push to Connect/Sleeve Retraction

Application



Flat face Female couplings, ISO 16028 interchange

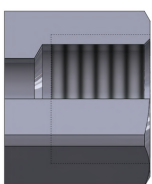


SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD (FEMALE)	PART NO.	D1	L1	HEX1
6.3	1/4"	ISO 1179-1	1/4" BSP	U00FAFFBA	28	57	27
6.3	1/4"	ISO 1179-1	3/8" BSP	U00FAFFBB	28	57	27
6.3	1/4"	ISO 7-1	1/4 BSPT	U00FAFFTA	28	57	27
6.3	1/4"	ISO 7-1	3/8" BSPT	U00FAFFTB	28	57	27
6.3	1/4"	ANSI B1.20.3	1/4"-18 NPTF	U00FAFFFA	28	57	27
6.3	1/4"	ANSI B1.20.3	3/8"-18 NPTF	U00FAFFFB	28	57	27
10	3/8"	ISO 1179-1	3/8" BSP	U00FBFFBB	32	69	30
10	3/8"	ISO 1179-1	1/2" BSP	U00FBFFBC	32	69	30
10	3/8"	ISO 7-1	3/8" BSPT	U00FBFFTB	32	69	30
10	3/8"	ISO 7-1	1/2" BSPT	U00FBFFTC	32	69	30
10	3/8"	ANSI B1.20.3	3/8"-18 NPTF	U00FBFFFB	32	69	30
10	3/8"	ANSI B1.20.3	1/2"-14 NPTF	U00FBFFFC	32	69	30
10	3/8"	SAE J1926-1	3/4"-16 UNF	U00FBFFUN	32	69	30
12.5	1/2"	ISO 1179-1	1/2" BSP	U00FCFFBC	38	83.6	36
12.5	1/2"	ISO 1179-1	3/4" BSP	U00FCFFBE	38	83.6	36
12.5	1/2"	ISO 7-1	1/2" BSPT	U00FCFFTC	38	83.6	36
12.5	1/2"	ISO 7-1	3/4" BSPT	U00FCFFTE	38	83.6	36
12.5	1/2"	ANSI B1.20.3	1/2"-14 NPTF	U00FCFFFC	38	83.6	36
12.5	1/2"	ANSI B1.20.3	3/4"-14 NPTF	U00FCFFFE	38	83.6	36
12.5	1/2"	SAE J1926-1	7/8"-14 UNF	U00FCFFUV	38	80.1	36
12.5	1/2"	SAE J1926-1	1-1/16"-12 UN	U00FCFFUS	38	83.6	36
12.5	1/2"	ANSI B1.20.1	1/2"-14 NPSF	U00FCFFSC	38	83.6	36
19	3/4"	ISO 1179-1	3/4" BSP	U00FDFFB	48	98.9	46
19	3/4"	ISO 1179-1	1" BSP	U00FDFBF	48	98.9	46
19	3/4"	ISO 7-1	3/4" BSPT	U00FDFTE	48	98.9	46
19	3/4"	ISO 7-1	1" BSPT	U00FDFTF	48	98.9	46
19	3/4"	ANSI B1.20.3	3/4"-14 NPTF	U00FDFFE	48	98.9	46
19	3/4"	ANSI B1.20.3	1"-11 1/2 NPTF	U00FDFFF	48	98.9	46
19	3/4"	SAE J1926-1	1-1/16"-12 UN	U00FDFFUS	48	98.9	46
19	3/4"	SAE J1926-1	1-5/16"-12 UN	U00FDFFUY	48	98.9	46
25	1"	ISO 1179-1	1" BSP	U00FEFFBF	55	100.6	55
25	1"	ISO 7-1	1" BSPT	U00FEFFTF	55	100.6	55
25	1"	ANSI B1.20.3	1"-11 1/2 NPTF	U00FEFFFF	55	100.6	55

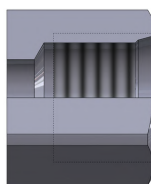
All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details



ISO 1179-1, ISO 7-1 & ANSI B1.20.3



SAE J1926-1

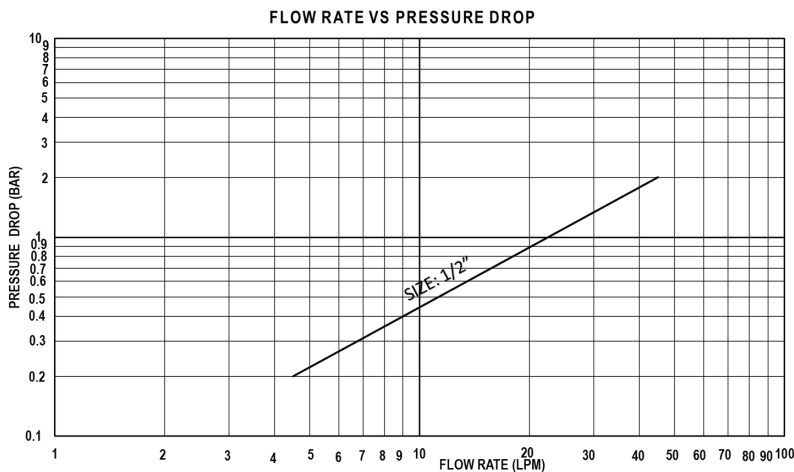
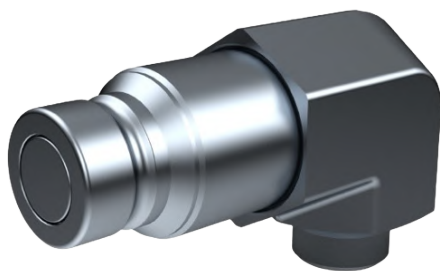
DUST PLUG – FEMALE FOR FLAT FACE SERIES



SIZE		MATERIAL	COLOUR	PART NO.
mm	inch			
6.3	1/4"	PVC	RED	U87FAFE-R
10	3/8"	PVC	RED	U87FBFE-R
12.5	1/2"	PVC	RED	U87FCFE-R
16	5/8"	PVC	RED	U87FIFE-R
19	3/4"	PVC	RED	U87FD FE-R
25	1"	PVC	RED	U87FEFE-R

Flat face male used for easy mounting without the need for additional fittings

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	-	-	350	-	-	-	-	-
Burst Pressure (Bar) Min.	-	-	1300	-	-	-	-	-

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII)



Seals
Nitrile



Valve Style
Flat



Working Temperature
-30°C to +100°C

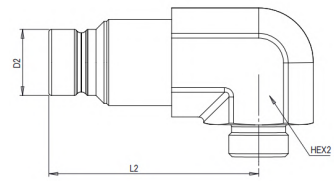


Connection Under Pressure
Not Allowed

Application



Flat face male used for easy mounting without the need for additional fittings

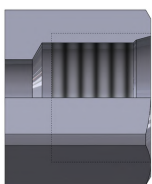


SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD	PART NO.	D2	L2	HEX
12.5	1/2"	ISO 11926-1	9/16"-18 UNF (F)	U00MCFUA290E	24.5	68.2	34
12.5	1/2"	ISO 11926-1	3/4"-16 UNF (F)	U00MCFUN90E	24.5	68.2	34
12.5	1/2"	ISO 11926-1	1-1/16"-12 UN (F)	U00MCFUS90E	24.5	68.2	34
12.5	1/2"	ISO 8434-2	9/16"-18 UNF (M)	U00MCFMUA290E	24.5	68.2	34
12.5	1/2"	ISO 8434-2	3/4"-16 UNF (M)	U00MCFMUN90E	24.5	68.2	34

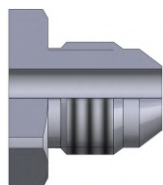
All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details



ISO 11926-1

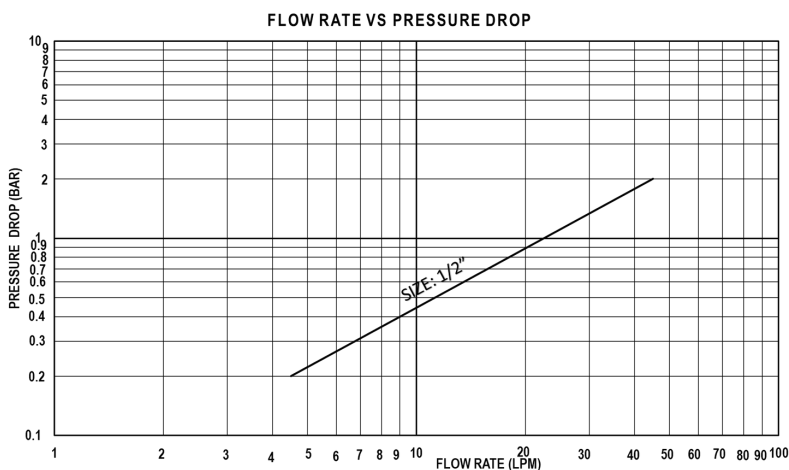


ISO 8434-2

FLAT FACE 90° SERIES - FEMALE

Flat face female used for easy mounting without the need for additional fittings

Pressure characteristic



The graph is representation purpose only

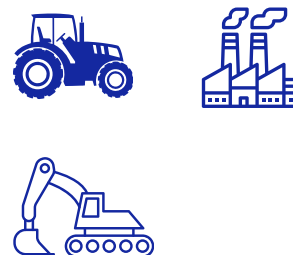
Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	-	-	350	-	-	-	-	-
Burst Pressure (Bar) Min.	-	-	1300	-	-	-	-	-

Product Details

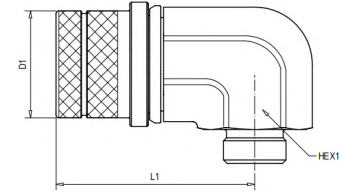
- Material
Carbon Steel
- Seals
Nitrile
- Working Temperature
-30°C to +100°C
- Connection / Disconnection
Push to Connect / Sleeve Retraction
- Surface Treatment
Zinc Plating (CrIII)
- Valve Style
Flat
- Connection Under Pressure
Not Allowed

Application



FLAT FACE 90° SERIES - FEMALE

Flat face female used for easy mounting without the need for additional fittings

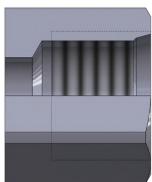


SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD	PART NO.	D1	L1	HEX
12.5	1/2"	ISO 11926-1	9/16"-18 UNF (F)	U00FCFFUA290E	38	81.7	34
12.5	1/2"	ISO 11926-1	3/4"-16 UNF (F)	U00FCFFUN90E	38	81.7	34
12.5	1/2"	ISO 11926-1	1-1/16"-12 UN (F)	U00FCFFUS90E	38	81.7	34
12.5	1/2"	ISO 8434-2	9/16"-18 UNF (M)	U00FCFMUA290E	38	81.7	34
12.5	1/2"	ISO 8434-2	3/4"-16 UNF (M)	U00FCFMUN90E	38	81.7	34

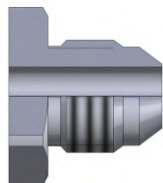
All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details



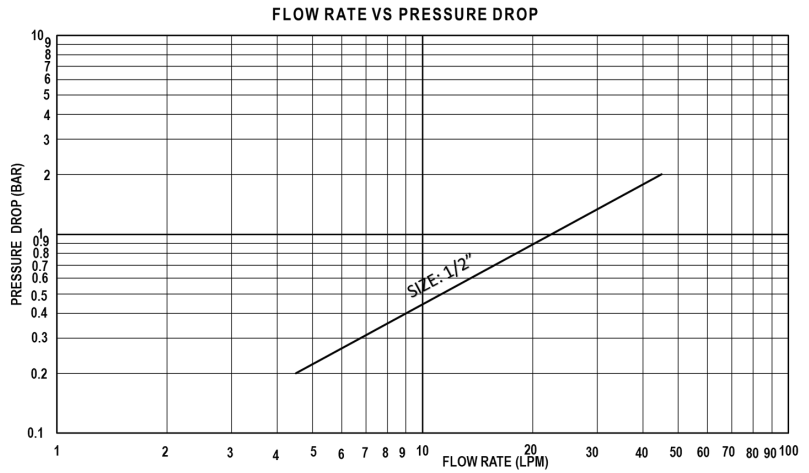
ISO 11926-1



ISO 8434-2

Flat face male used for easy mounting without the need for additional fittings

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	-	-	350	-	-	-	-	-
Burst Pressure (Bar) Min.	-	-	1300	-	-	-	-	-

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII)



Seals
Nitrile



Valve Style
Flat



Working Temperature
-30°C to +100°C

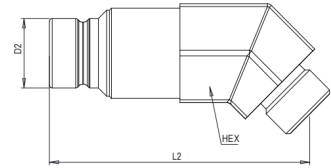


Connection Under Pressure
Not Allowed

Application



Flat face male used for easy mounting without the need for additional fittings

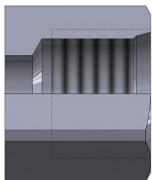


SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD	PART NO.	D2	L2	HEX
12.5	1/2"	ISO 11926-1	3/4"-16 UNF (F)	U00MCFFUN45E	24.5	69	33

All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details

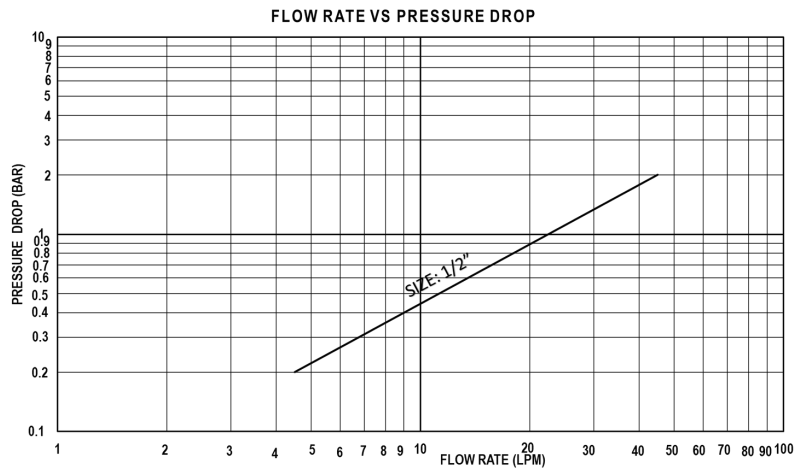
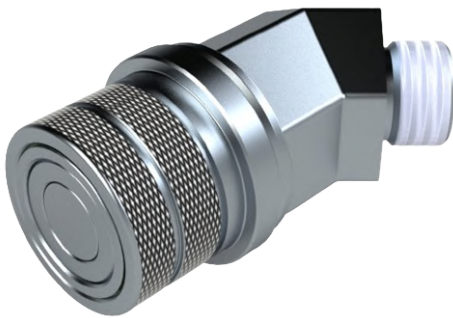


ISO 11926-1

FLAT FACE 45° SERIES - FEMALE

Flat face female used for easy mounting without the need for additional fittings

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	-	-	350	-	-	-	-	-
Burst Pressure (Bar) Min.	-	-	1300	-	-	-	-	-

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII)



Seals
Nitrile



Valve Style
Flat



Working Temperature
-30°C to +100°C



Connection Under Pressure
Not Allowed



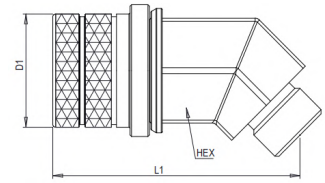
Connection / Disconnection
Push to Connect / Sleeve Retraction

Application



FLAT FACE 45° SERIES - FEMALE

Flat face female used for easy mounting without the need for additional fittings

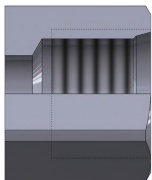


SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD	PART NO.	D1	L1	HEX
12.5	1/2"	ISO 11926-1	3/4"-16 UNF (F)	U00FCFFUN45E	38	72.8	36

All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details

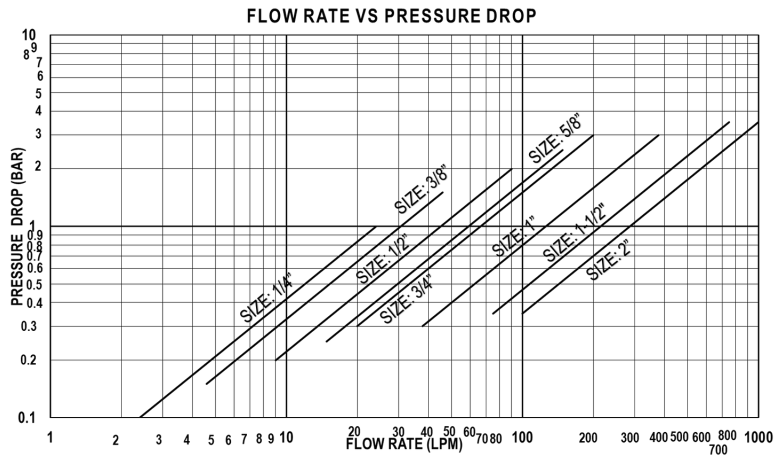


ISO 11926-1

FLAT FACE SCREW SERIES - MALE

Flat face screw male coupling used for high pressure applications

Pressure characteristic



The graph is representation purpose only

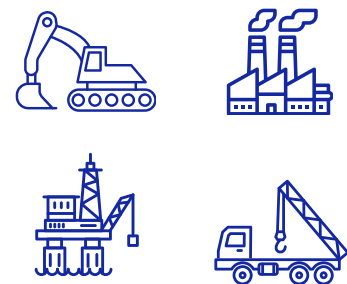
Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	-	-	550	550	470	-	-	-
Burst Pressure (Bar) Min.	-	-	1400	1400	1200	-	-	-

Product Details

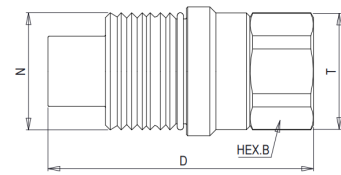
- Material: Carbon Steel
- Seals: Nitrile
- Working Temperature: -30°C to +100°C
- Surface Treatment: Zinc Plating (CrIII)
- Valve Style: Flat
- Connection Under Pressure: Allowed Residual

Application



FLAT FACE SCREW SERIES - MALE

Flat face screw male coupling used for high pressure applications

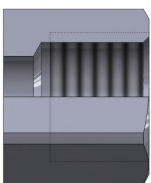


SIZE		THREAD DETAILS		DIMENSIONS				
mm	inch	STANDARD	THREAD	PART NO.	N	T	D	HEX B
12.5	1/2"	ISO 1179-1	1/2" BSP	U00MCFSFBC	M40	45.8	95	36
12.5	1/2"	ISO 1179-1	3/4" BSP	U00MCFSFBE	M40	45.8	97.4	36
12.5	1/2"	ANSI B1.20.3	1/2"-14 NPTF (F)	U00MCFSFFC	M40	45.8	95	36
12.5	1/2"	ANSI B1.20.3	3/4"-14 NPTF (F)	U00MCFSFFE	M40	45.8	97.5	36
12.5	1/2"	ISO 11926-1	3/4"-16 UNF (F)	U00MCFSFUN	M40	45.8	100.5	36
12.5	1/2"	ISO 11926-1	1-1/16"-12 UN (F)	U00MCFSFUS	M40	45.8	100.4	36
12.5	1/2"	ISO 8434-3	13/16"-16 UN (M)	U00MCFSMUJO	M40	45.8	106.9	36
12.5	1/2"	ISO 8434-3	13/16"-16 UN (M)	U00MCFSMUJBO	M40	45.8	130.4	36
20	3/4"	ISO 1179-1	3/4" BSP	U00MDFSFB	M50	54.8	113.6	46
20	3/4"	ISO 1179-1	1" BSP	U00MDFSFBF	M50	54.8	113.6	46
20	3/4"	ANSI B1.20.3	1"-11 1/2 NPTF	U00MDFSFFF	M50	54.8	113.6	46
20	3/4"	ISO 11926-1	1-1/16"-12 UN (F)	U00MDFSFUS	M50	54.8	115.6	46
20	3/4"	ISO 11926-1	1-5/16"-12 UN (F)	U00MDFSFUY	M50	54.8	113.6	46
20	3/4"	ISO 8434-3	1-7/16"-12 UN (M)	U00MDFSUA9O	M50	54.8	125.4	46
20	3/4"	ISO 8434-3	1-7/16"-12 UN (M)	U00MDFSUA9BO	M50	54.8	149.9	46
25	1"	ISO 1179-1	1" BSP (F)	U00MEFSFBF	M58	64.5	123.4	55
25	1"	ISO 1179-1	1-1/4" BSP (F)	U00MEFSFBG	M58	64.5	123.4	55
25	1"	ANSI B1.20.3	1 3/4"-11 1/2 NPTF (F)	U00MEFSFFG	M58	64.5	123.4	55
25	1"	ISO 11926-1	1-5/16"-12 UN (F)	U00MEFSFUY	M58	64.5	125.4	55
25	1"	ISO 11926-1	1-5/8"-12 UN (F)	U00MEFSFUB4	M58	64.5	123.4	55

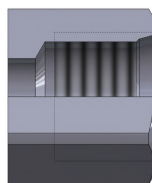
All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details



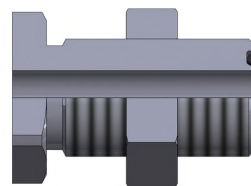
ISO 1179-1 & ANSI B1.20.3



ISO 11926-1



ISO 8434-3

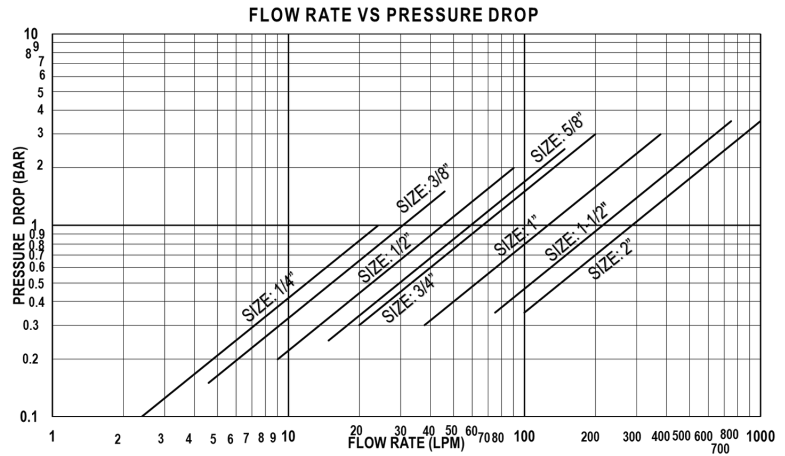


ISO 8434-3

FLAT FACE SCREW SERIES - FEMALE

Flat face screw female coupling used for high pressure applications

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	-	-	550	550	470	-	-	-
Burst Pressure (Bar) Min.	-	-	1400	1400	1200	-	-	-

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII)



Seals
Nitrile



Valve Style
Flat



Working Temperature
-30°C to +100°C



Connection Under Pressure
Allowed Residual



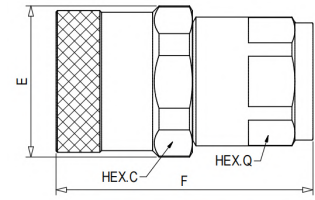
Connection / Disconnection
Screw to Connect / Unscrew to Disconnect

Application



FLAT FACE SCREW SERIES - FEMALE

Flat face screw female coupling used for high pressure applications

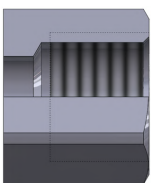


SIZE		THREAD DETAILS			DIMENSIONS			
mm	inch	STANDARD	THREAD	PART NO.	E	F	HEX Q	HEX C
12.5	1/2"	ISO 1179-1	1/2" BSP	U00FCFSFBC	49.8	77.8	46	36
12.5	1/2"	ISO 1179-1	3/4" BSP	U00FCFSFBE	49.8	84.8	46	36
12.5	1/2"	ANSI B1.20.3	1/2"-14 NPTF (F)	U00FCFSFFC	49.8	77.8	46	36
12.5	1/2"	ANSI B1.20.3	3/4"-14 NPTF (F)	U00FCFSFFE	49.8	84.8	46	36
12.5	1/2"	ISO 11926-1	3/4"-16 UNF (F)	U00FCFSFUN	49.8	77.8	46	36
12.5	1/2"	ISO 11926-1	1-1/16"-12 UN (F)	U00FCFSFUS	49.8	84.8	46	36
12.5	1/2"	ISO 8434-3	13/16"-16 UN (M)	U00FCFSMUJO	49.8	81.3	46	36
12.5	1/2"	ISO 8434-3	13/16"-16 UN (M)	U00FCFSMUJBO	49.8	104.8	46	36
20	3/4"	ISO 1179-1	3/4" BSP	U00FDFSFBCE	58.8	97.7	55	46
20	3/4"	ISO 1179-1	1" BSP	U00FDFSFBFE	58.8	97.7	55	46
20	3/4"	ANSI B1.20.3	1"-11 1/2 NPTF	U00FDFSFFFE	58.8	99.7	55	46
20	3/4"	ISO 11926-1	1-1/16"-12 UN (F)	U00FDFSFUFE	58.8	99.7	55	46
20	3/4"	ISO 11926-1	1-5/16"-12 UN (F)	U00FDFSFUFE	58.8	99.7	55	46
20	3/4"	ISO 8434-3	1-7/16"-12 UN (M)	U00FDFSFMUA9O	108.7	99.7	55	46
20	3/4"	ISO 8434-3	1-7/16"-12 UN (M)	U00FDFSFMUA9BO	133.4	99.7	55	46
25	1"	ISO 1179-1	1" BSP (F)	U00FEFSFBFE	69.8	105.8	65	55
25	1"	ISO 1179-1	1-1/4" BSP (F)	U00FEFSFBFE	69.8	106.8	65	55
25	1"	ANSI B1.20.3	1 1/4"-11 1/2 NPTF (F)	U00FEFSFFFE	69.8	106.8	65	55
25	1"	ISO 11926-1	1-5/16"-12 UN (F)	U00FEFSFUFE	69.8	105.8	65	55
25	1"	ISO 11926-1	1-5/8"-12 UN (F)	U00FEFSFUB4	69.8	106.8	65	55

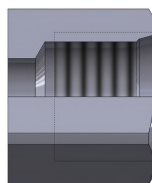
All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details



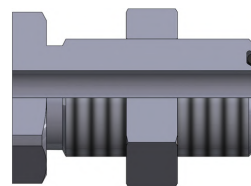
ISO 1179-1 & ANSI B1.20.3



ISO 11926-1



ISO 8434-3

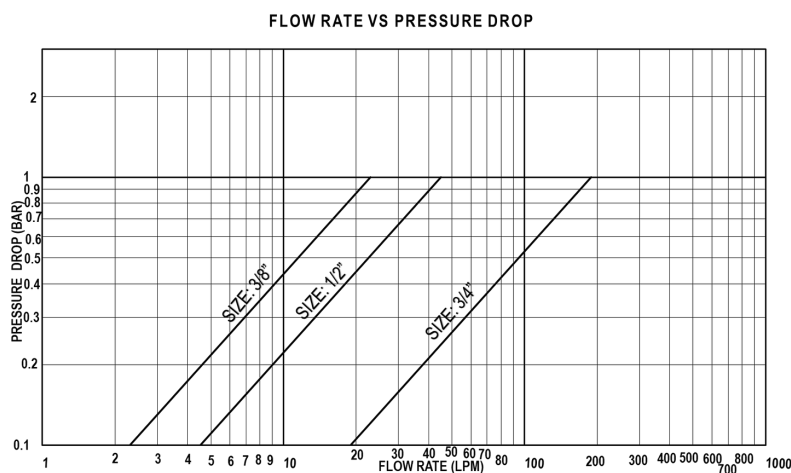


ISO 8434-3

HT (HIGH FLOW SCREW COUPLING) SERIES - MALE

Screw Male coupling for Higher Flow and Pressure Capacity
 Specially used for Multi – axle Trailers, also known as pipeline coupling

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 ¼"	1 ½"	2"
Max. working pressure (Bar)	-	420	420	350	-	-	-	-
Burst Pressure (Bar) Min.	-	1450	1260	1200	-	-	-	-

Product Details

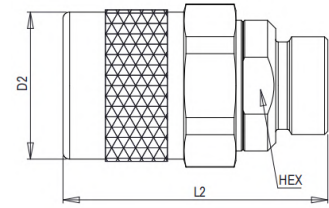
- Material
Carbon Steel
- Surface Treatment
Zinc Nickel Plating (CrIII)
- Seals
Nitrile
- Valve Style
Flat Face
- Working Temperature
-30°C to +100°C
- Connection Under Pressure
Allowed Residual
- Connection / Disconnection
Screw to Connect /Unscrew to Disconnect

Application



HT (HIGH FLOW SCREW COUPLING) SERIES - MALE

**Screw Male coupling for Higher Flow and Pressure Capacity
Specially used for Multi – axle Trailers, also known as
pipeline coupling**

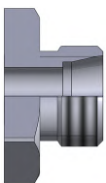


SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD (MALE)	PART NO.	D2	L2	HEX
10	3/8"	ISO 8434-1L	M14x1.5P	U00MBUMMESLZN	39	61	27
10	3/8"	ISO 8434-1L	M16x1.5P	U00MBUMMFSLZN	39	61	27
10	3/8"	ISO 8434-1L	M18x1.5P	U00MBUMMGSLZN	39	61	27
10	3/8"	ISO 8434-1L	M22x1.5P	U00MBUMMKSLZN	39	62	27
10	3/8"	ISO 8434-1S	M18x1.5P	U00MBUMMGSSZN	39	62	27
10	3/8"	ISO 8434-1S	M20x1.5P	U00MBUMMHSSZN	39	62	27
10	3/8"	ISO 8434-1S	M22x1.5P	U00MBUMMKSSZN	39	64	27
10	3/8"	ISO 8434-1S	M24x1.5P	U00MBUMMISSZN	39	64	27
12.5	1/2"	ISO 8434-1L	M22x1.5P	U00MCUMMKSLZN	45	78	36
12.5	1/2"	ISO 8434-1S	M24x1.5P	U00MCUMMISSZN	45	79.2	36
12.5	1/2"	ISO 8434-1S	M30x2P	U00MCUMMNSSZN	45	81.2	36
19	3/4"	ISO 8434-1L	M26x1.5P	U00MDUMMLSZN	64	103	41
19	3/4"	ISO 8434-1L	M30x2P	U00MDUMMNSLZN	64	105	41
19	3/4"	ISO 8434-1L	M36x2P	U00MDUMMRSLZN	64	107	41
19	3/4"	ISO 8434-1S	M30x2P	U00MDUMMNSSZN	64	109	41
19	3/4"	ISO 8434-1S	M36x2P	U00MDUMMRSSZN	64	111	41
19	3/4"	ISO 8434-1S	M42x2P	U00MDUMMTSSZN	64	113	41

All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details



ISO 8434-1(L/S)

DUST CAP – MALE FOR HT SERIES

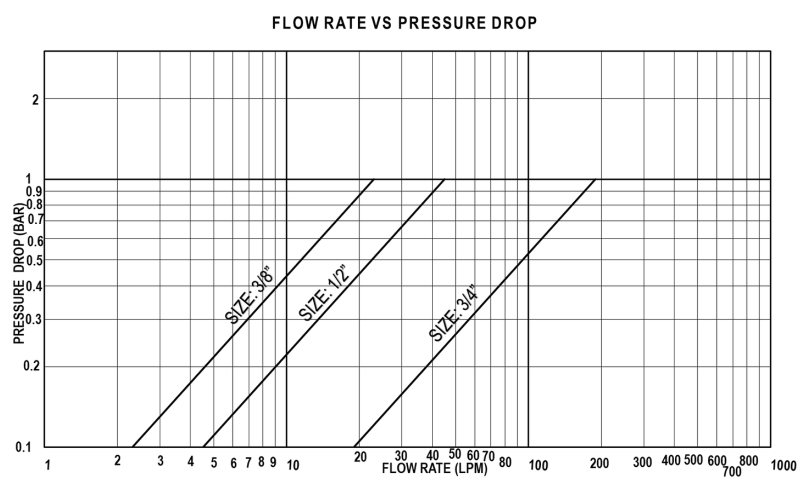


SIZE		MATERIAL	COLOUR	PART NO.
mm	inch			
10	3/8"	PLASTIC + STEEL	RED	U87MBUD-R
12.5	1/2"	PLASTIC + STEEL	RED	U87MCUD-R
16	5/8"	PLASTIC + STEEL	RED	U87MIUD-R
19	3/4"	PLASTIC + STEEL	RED	U87MDUD-R
25	1"	PLASTIC + STEEL	RED	U87MEUD-R

HT (HIGH FLOW SCREW COUPLING) SERIES - FEMALE

**Screw Female coupling for Higher Flow and Pressure Capacity
Specially used for Multi – axle Trailers, also known as pipeline coupling**

Pressure characteristic



The graph is representation purpose only

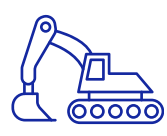
Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	-	420	420	350	-	-	-	-
Burst Pressure (Bar) Min.	-	1450	1260	1200	-	-	-	-

Product Details

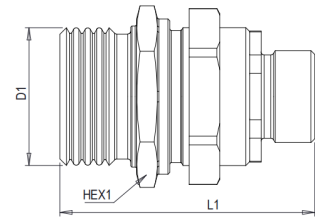
- Material: Carbon Steel
- Surface Treatment: Zinc Nickel Plating (CrIII)
- Seals: Nitrile
- Valve Style: Flat Face
- Working Temperature: -30°C to +100°C
- Connection Under Pressure: Allowed Residual

Application



HT (HIGH FLOW SCREW COUPLING) SERIES - FEMALE

**Screw Female coupling for Higher Flow and Pressure Capacity
Specially used for Multi – axle Trailers, also known as pipeline coupling**

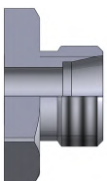


SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD (MALE)	PART NO.	D1	L1	HEX1
10	3/8"	ISO 8434-1L	M14x1.5P	U00FBUMMESLZN	M32	54	36
10	3/8"	ISO 8434-1L	M16x1.5P	U00FBUMMFSLZN	M32	55	36
10	3/8"	ISO 8434-1L	M18x1.5P	U00FBUMMGSLZN	M32	55	36
10	3/8"	ISO 8434-1L	M22x1.5P	U00FBUMMKSLZN	M32	56	36
10	3/8"	ISO 8434-1S	M18x1.5P	U00FBUMMGSSZN	M32	56	36
10	3/8"	ISO 8434-1S	M20x1.5P	U00FBUMMHSSZN	M32	56	36
10	3/8"	ISO 8434-1S	M22x1.5P	U00FBUMMKSSZN	M32	58	36
10	3/8"	ISO 8434-1S	M24x1.5P	U00FBUMMISSZN	M32	58	36
12.5	1/2"	ISO 8434-1L	M22x1.5P	U00FCUMMKSLZN	M36	65	41
12.5	1/2"	ISO 8434-1S	M24x1.5P	U00FCUMMISSZN	M36	66.5	41
12.5	1/2"	ISO 8434-1S	M30x2P	U00FCUMMNSSZN	M36	69.5	41
19	3/4"	ISO 8434-1L	M26x1.5P	U00FDUMMLSLZN	M54	90	55
19	3/4"	ISO 8434-1L	M30x2P	U00FDUMMNLSLZN	M54	92	55
19	3/4"	ISO 8434-1L	M36x2P	U00FDUMMRSLZN	M54	92	55
19	3/4"	ISO 8434-1S	M30x2P	U00FDUMMNSSZN	M54	95	55
19	3/4"	ISO 8434-1S	M36x2P	U00FDUMMRSSZN	M54	97	55
19	3/4"	ISO 8434-1S	M42x2P	U00FDUMMTSSZN	M54	99	55

All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details



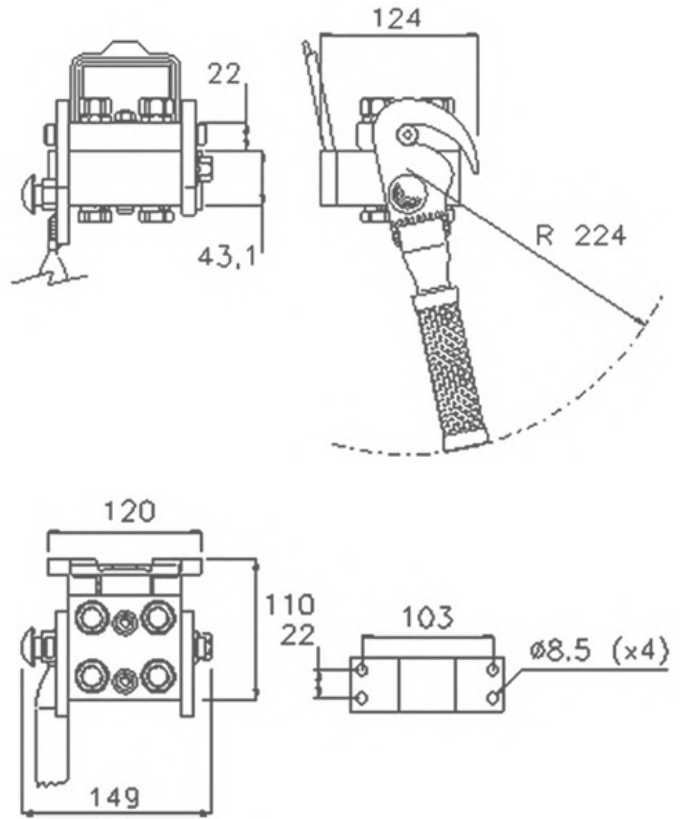
ISO 8434-1(L/S)

DUST PLUG – FEMALE FOR HT SERIES



SIZE		MATERIAL	COLOUR	PART NO.
mm	inch			
10	3/8"	PLASTIC + STEEL	RED	U88FBUD-R
12.5	1/2"	PLASTIC + STEEL	RED	U88FCUD-R
16	5/8"	PLASTIC + STEEL	RED	U88FIUD-R
19	3/4"	PLASTIC + STEEL	RED	U88FDUD-R
25	1"	PLASTIC + STEEL	RED	U88FEUD-R

Multi coupling 4 lines, size 1/4"



Technical specification

Size		Working pressure (Bar)	Flow Rate (L/min)	Spillage (ml)	Burst pressure (Bar)		
mm	inch				Male	Female	Male + Female
6.3	1/4"	250	20	0.008	1000	1000	1000

Product Details

- Material: Aluminium & Steel
- Surface Treatment: Zinc Plating (CrIII) & Paint
- Seals: Nitrile: PU
- Valve Style: Flat
- Working Temperature: -30°C to +100°C
- Connection Under Pressure: Allowed Residual
- Connection / Disconnection: Lever

Application

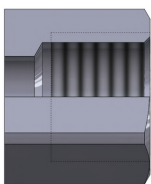


Multi Coupling 4 lines, size 1/4"

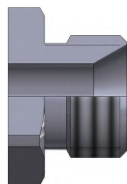
Size		Housing	Number of Couplings	Thread Type		Electrical Connector		FIXED
mm	inch			Standard	Thread	N	Type	Part Number
6.3	1/4"	4	4	ISO 1179-1	BSPP 1/4" FEMALE	--	--	2U404-4F-4A-FBA
6.3	1/4"	4	3	ISO 8434-2	1/2"-20 UNF MALE JIC	--	--	2U404-4F-3A-MUT

Size		Housing	Number of Couplings	Thread Type		Electrical Connector		MOBILE
mm	inch			Standard	Thread	N	Type	Part Number
6.3	1/4"	4	4	ISO 1179-1	BSPP 1/4" FEMALE	--	--	2U404-4M-4A-FBA
6.3	1/4"	4	3	ISO 8434-2	BSPP 1/2" FEMALE SWIVEL NUT	--	--	2U404-4M-3A-FBCW

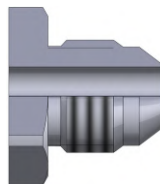
Thread Standard Details



ISO 1179-1

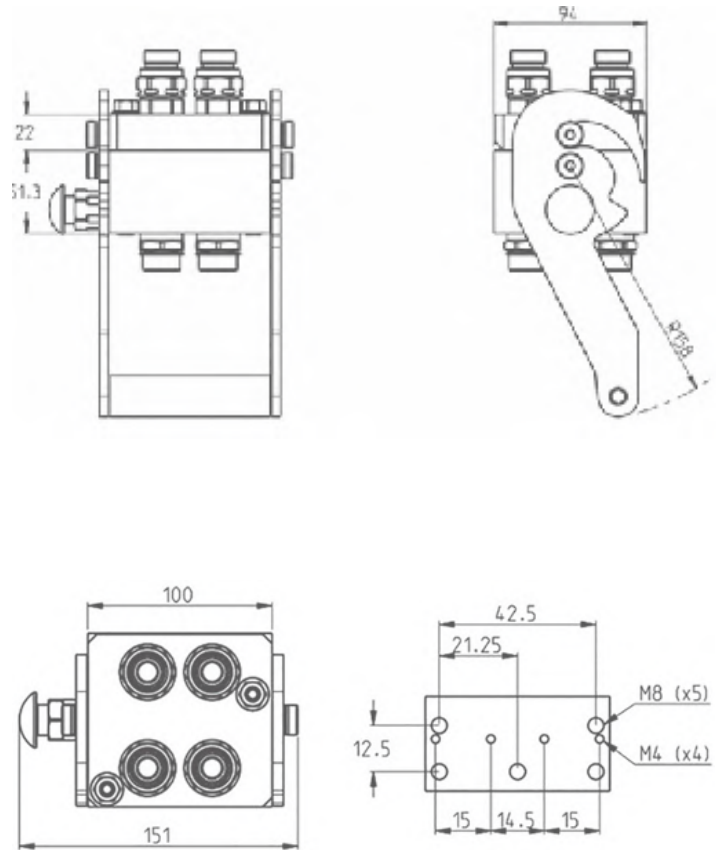


ISO 8434-6



ISO 8434-2

Multi Coupling 4 lines, size 3/8"



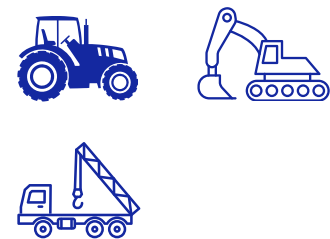
Technical specification

Size		Working pressure (Bar)	Flow Rate (L/min)	Spillage (ml)	Male	Burst pressure (Bar)	
mm	inch					Female	Male + Female
10	3/8"	250	40	0.008	1000	1000	1100

Product Details

- Material: Aluminium & Steel
- Seals: Nitrile: PU
- Working Temperature: -30°C to +100°C
- Connection / Disconnection: Lever
- Surface Treatment: Zinc Plating (CrIII) & Paint
- Valve Style: Flat
- Connection Under Pressure: Allowed Residual

Application

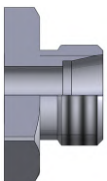


Multi Coupling 4 lines, size 3/8"

Size		Housing	Number of Couplings	Thread Type		Electrical Connector		FIXED
mm	inch			Standard	Thread	N	Type	Part Number
10	3/8"	4	4	ISO 8434-1-L	M18x1,5 MALE 12L	--	--	2U406A-4F-4B-MMGSL

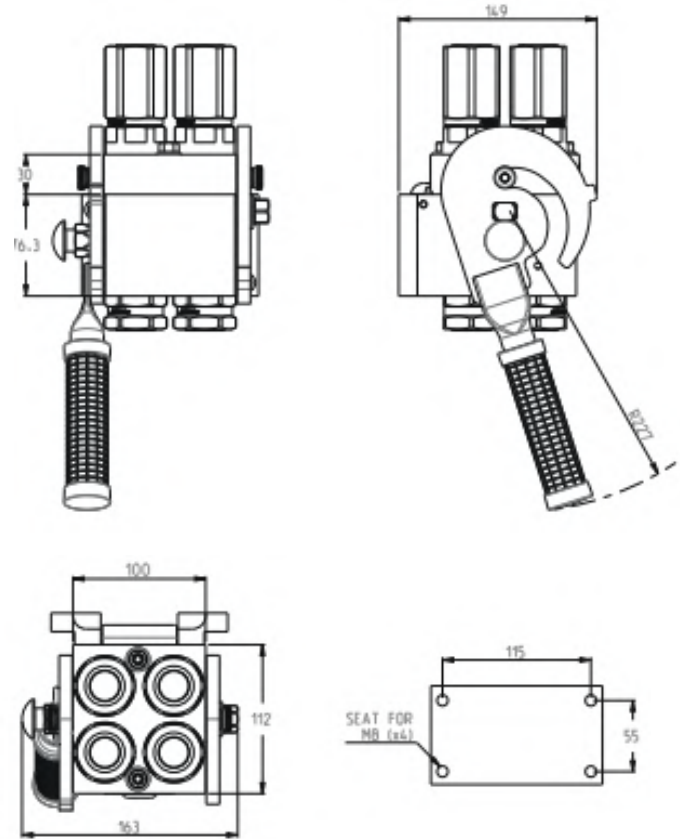
Size		Housing	Number of Couplings	Thread Type		Electrical Connector		MOBILE
mm	inch			Standard	Thread	N	Type	Part Number
10	3/8"	4	4	ISO 8434-1-L	M18x1,5 MALE 12L	--	--	2U406A-4M-4B-MMGSL

Thread Standard Details



ISO 8434-1(L)

Multi Coupling 4 lines, size 3/4"



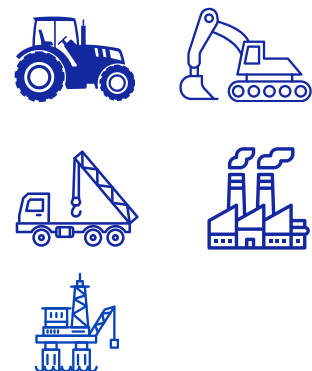
Technical specification

Size		Working pressure (Bar)	Flow Rate (L/min)	Spillage (ml)	Male	Burst pressure (Bar)		
mm	inch					Female	Male + Female	
20	3/4"	250	105	0.002	1000	1000	1100	

Product Details

- Material: Aluminium & Steel
- Seals: Nitrile: PU
- Working Temperature: -30°C to +100°C
- Connection / Disconnection: Lever
- Surface Treatment: Zinc Plating (CrIII) & Paint
- Valve Style: Flat
- Connection Under Pressure: Allowed Residual

Application

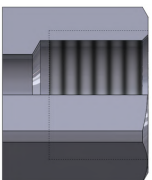


Multicoupling 4 lines, size 3/4"

Size		Housing	Number of Couplings	Thread Type		Electrical Connector		FIXED
mm	inch			Standard	Thread	N	Type	Part Number
20	3/4"	4	4	ISO 1179-1	BSPP 3/4" FEMALE	--	--	3U412-4F-4D-FBE

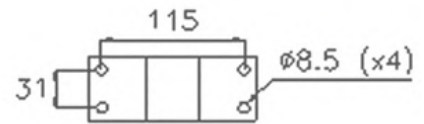
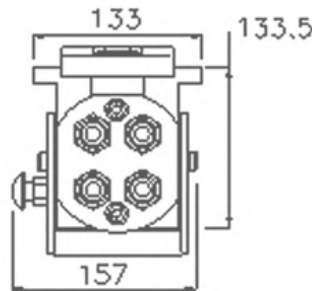
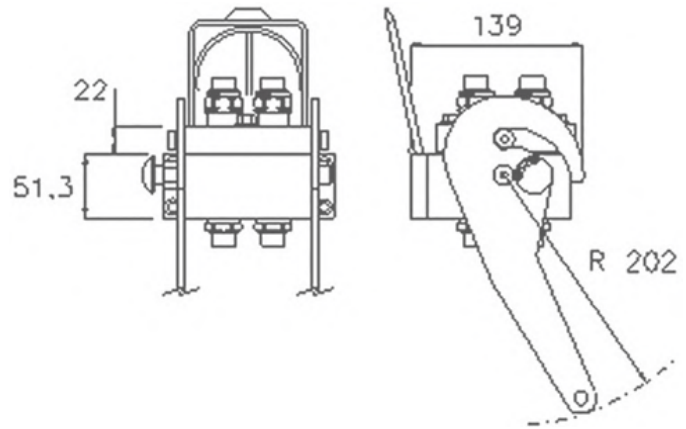
Size		Housing	Number of Couplings	Thread Type		Electrical Connector		MOBILE
mm	inch			Standard	Thread	N	Type	Part Number
20	3/4"	4	4	ISO 1179-1	BSPP 3/4" FEMALE	--	--	3U412-4M-4D-C-FBE

Thread Standard Details



ISO 1179-1

Multicoupling 4 lines, size 3/8"



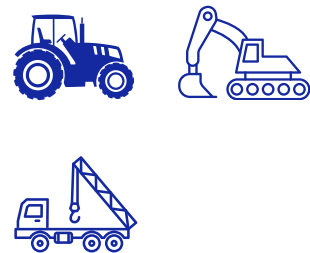
Technical specification

Size		Working pressure (Bar)	Flow Rate (L/min)	Spillage (ml)	Burst pressure (Bar)		
mm	inch				Male	Female	Male + Female
10	3/8"	250	40	0.008	1000	1000	1100

Product Details

- Material: Aluminium & Steel
- Seals: Nitrile: PU
- Working Temperature: -30°C to +100°C
- Connection / Disconnection: Lever
- Surface Treatment: Zinc Plating (CrIII) & Paint
- Valve Style: Flat
- Connection Under Pressure: Allowed Residual

Application

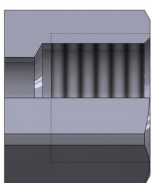


Multicoupling 4 lines size 3/8"

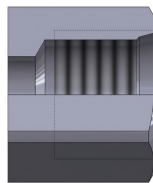
Size		Housing		Thread Type		Electrical Connector		FIXED
mm	inch		Number of Couplings	Standard	Thread	N	Type	Part Number
10	3/8"	4	4	ISO 8434-1-S	M20x1.5 MALE 12S	--	--	2U506-4F-4B-MMHSS
10	3/8"	4	4	ISO 8434-1-L	M18x1.5 MALE 12L	--	--	2U506-4F-4B-MMGSL
10	3/8"	4	3	ISO 1179-1	BSPP 3/8" FEMALE	--	--	2U506-4F-3B-FBB
10	3/8"	4	4	ISO 8434-1-L	M22x1.5 MALE 15L	--	--	2U506-4F-4B-MMKSL
10	3/8"	4	4	ISO 1179-1	BSPP 3/8" FEMALE	--	--	2U506-4F-4B-FBB
10	3/8"	4	4	ISO 1179-1	BSPP 1/2" FEMALE	--	--	2U506-4F-4B-FBC

Size		Housing		Thread Type		Electrical Connector		MOBILE
mm	inch		Number of Couplings	Standard	Thread	N	Type	Part Number
10	3/8"	4	4	ISO 8434-1-S	M20x1.5 MALE 12S	--	--	3U506-4M-4B-C-MMHSS
10	3/8"	4	4	ISO 11926-1	3/4" - 16 UNF FEMALE ORB	--	--	3U506-4M-4B-C-FUN
10	3/8"	4	4	ISO 1179-1	BSPP 1/2" FEMALE	--	--	3U506-4M-4B-C-FBC
10	3/8"	4	4	ANSI B1.20.3	NPTF 3/8" FEMALE	--	--	2U506-4M-4B-FFB
10	3/8"	4	4	ISO 8434-1-L	M18x1,5 MALE 12L	--	--	2U506-4M-4B-MMGSL
10	3/8"	4	3	ISO 1179-1	BSPP 3/8" FEMALE	--	--	2U506-4M-3B-FBB
10	3/8"	4	4	ISO 1179-1	BSPP 3/8" FEMALE	--	--	3U506-4M-4B-C-FBB
10	3/8"	4	4	ISO 1179-1	BSPP 3/8" FEMALE	--	--	2U506-4M-4B-FBB
10	3/8"	4	4	ISO 8434-1-L	M22x1,5 MALE 15L	--	--	2U506-4M-4B-MMKSL
10	3/8"	4	4	ISO 1179-1	BSPP 1/2" FEMALE	--	--	2U506-4M-4B-FBC

Thread Standard Details



ISO 1179-1 & ANSI B1.20.3

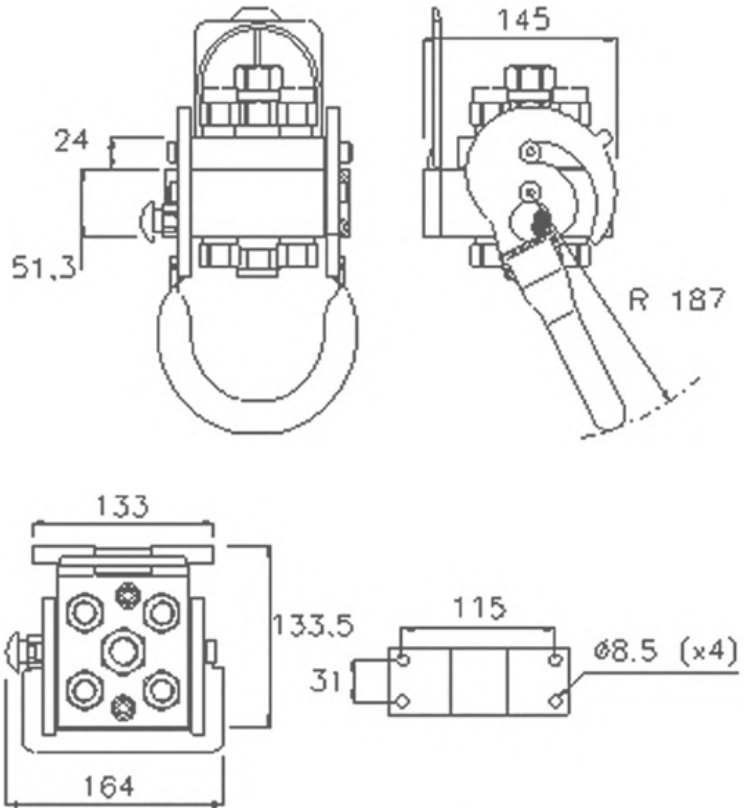


ISO 11926-1



ISO 8434-1(L/S)

Multi Coupling 4 lines size 3/8" and 1 line size 1/2"
The line 1/2" can be replaced by an electrical connector.



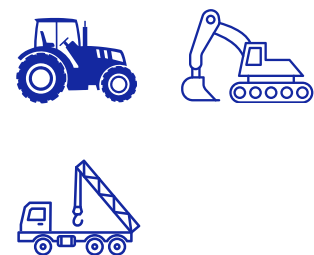
Technical specification

Size		Working pressure (Bar)	Flow Rate (L/min)	Spillage (ml)	Male	Burst pressure (Bar)	
mm	inch					Female	Male + Female
10	3/8"	250	40	0.008	1000	1000	1000
12.5	1/2"	250	70	0.01	1000	1000	1000

Product Details

- Material
Aluminium & Steel
- Seals
Nitrile: PU
- Working Temperature
-30°C to +100°C
- Connection / Disconnection
Lever
- Surface Treatment
Zinc Plating (CrIII) & Paint
- Valve Style
Flat
- Connection Under Pressure
Allowed Residual

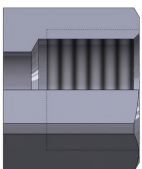
Application



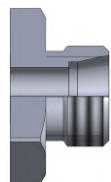
Multicoupling 4 lines size 3/8" and 1 line size 1/2"
The line 1/2" can be replaced by an electrical connector

Size		Housing	Number of Couplings	Thread Type		Electrical Connector		FIXED
mm	inch			Standard	Thread	N	Type	Part Number
10	3/8"	5	4	ISO 1179-1	BSPP 3/8" FEMALE	--	--	2U506X-5F-4B-FBB-7E1
12.5	1/2"					1	7 PINS	
10	3/8"	5	4	ISO 1179-1	BSPP 3/8" FEMALE	--	--	2U506X-5F-4B-FBB-3E1
12.5	1/2"					1	3 PINS	
10	3/8"	5	4	ISO 1179-1	BSPP 3/8" FEMALE	--	--	2U506X-5F-4B-FBB
12.5	1/2"					1	--	
10	3/8"	5	4	ISO 1179-1	BSPP 3/8" FEMALE	--	--	2U506X-5F-4B-FBB
12.5	1/2"					1	--	
10	3/8"	4	4	ISO 8434-1-L	M22x1.5 MALE 15L	--	--	2U506X-4F-4B-MMKSL-7E1
12.5	1/2"					1	7 PINS	
10	3/8"	5	4	ISO 8434-1-L	M22x1.5 MALE 15L	--	--	2U506X-5F-4B1C-MMKSL
12.5	1/2"					1	--	
10	3/8"	5	4	ISO 1179-1	BSPP 1/2" FEMALE	--	--	2U506X-5F-4B-FBC-3E1
12.5	1/2"					1	3 PINS	
10	3/8"	5	4	ISO 8434-1-L	M22x1.5 MALE 15L	--	--	2U506X-5F-4B-MMKSL-3E1
12.5	1/2"					1	3 PINS	

Thread Standard Details



ISO 1179-1

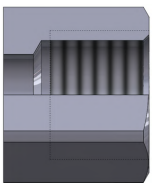


ISO 8434-1(L)

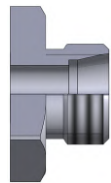
Multi Coupling 4 lines size 3/8" and 1 line size 1/2"
The line 1/2" can be replaced by an electrical connector.

Size		Housing	Number of Couplings	Thread Type		Electrical Connector		MOBILE
mm	inch			Standard	Thread	N	Type	Part Number
10	3/8"	5	4	ISO 1179-1	BSPP 3/8" FEMALE	--	--	3U506X-5M-4B-C-FBB-7E1
12.5	1/2"					1	7 PINS	
10	3/8"	5	4	ISO 1179-1	BSPP 3/8" FEMALE	--	--	2U506X-5M-4B-FBB-7E1
12.5	1/2"					1	7 PINS	
10	3/8"	5	4	ISO 1179-1	BSPP 3/8" FEMALE	--	--	2U506X-5M-4B-FBB-3E1
12.5	1/2"					1	3 PINS	
10	3/8"	5	1	ISO 1179-1	BSPP 3/8" FEMALE	--	--	2U506X-5M-4B1C-FBBC
12.5	1/2"					1	--	
10	3/8"	5	3	BS 5380	3/8 BSP FEMALE ORB	--	--	2U506X-5M-3B1B1C-FBBMKSL
10	3/8"					1	--	
10	3/8"	5	1	ISO 8434-1-L	M22x1.5 MALE 15L	--	--	2U506X-5M-4B-MMKSL
12.5	1/2"					1	--	
10	3/8"	5	4	ISO 8434-1-L	M22x1.5 MALE 15L	--	--	2U506X-5M-4B-MMKSL-7E1
10	3/8"					4	--	
10	3/8"	5	4	ISO 8434-1-L	M22x1.5 MALE 15L	--	--	2U506X-5M-4B-MMKSL-7E1
12.5	1/2"					1	7 PINS	
10	3/8"	5	4	ISO 1179-1	BSPP 1/2" FEMALE	--	--	2U506X-5M-4B-FBC-3E1

Thread Standard Details

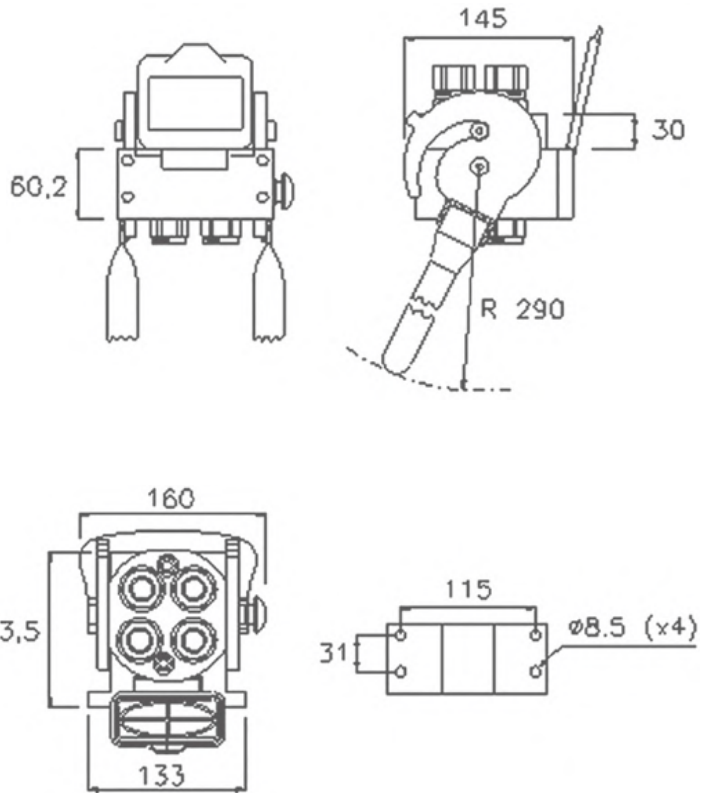


ISO 1179-1



ISO 8434-1(L)

Multi Coupling 4 lines, size 1/2"



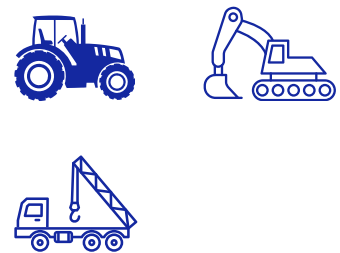
Technical specification

Size		Working pressure (Bar)	Flow Rate (L/min)	Spillage (ml)	Male	Burst pressure (Bar)	
mm	inch					Female	Male + Female
12.5	1/2"	250	70	0.01	1000	1000	1000

Product Details

- Material: Aluminium & Steel
- Seals: Nitrile: PU
- Working Temperature: -30°C to +100°C
- Connection / Disconnection: Lever
- Surface Treatment: Zinc Plating (CrIII) & Paint
- Valve Style: Flat
- Connection Under Pressure: Allowed Residual

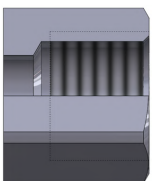
Application



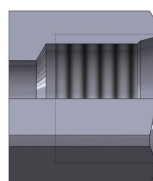
Multi Coupling 4 lines, size 1/2"

Size		Housing	Number of Couplings	Thread Type		Electrical Connector		FIXED
mm	inch			Standard	Thread	N	Type	Part Number
6.3	1/4"		1	ISO 1179-1	BSPP 1/2" FEMALE	--	--	
12.5	1/2"	4	1	ISO 1179-1	BSPP 1/4" FEMALE	--	--	2U508-4F-1A1C-FBCA-7E1
12.5	1/2"					1	7 PINS	
12.5	1/2"	4	4	ISO 1179-1	BSPP 1/2" FEMALE	--	--	2U508-4F-4C-1S-FBC
12.5	1/2"	4	4	ISO 11926-1	1 - 1/16" - 12 UN FEMALE ORB	--	--	2U508-4F-4C-FUS
12.5	1/2"	4	4	ISO 8434-1-S	M24x1.5 MALE 16S	--	--	2U508-4F-4C-MMISS
12.5	1/2"	4	4	ISO 11926-1	3/4" - 16 UNF FEMALE ORB	--	--	2U508-4F-4C-FUN
12.5	1/2"	4	4	ANSI B1.20.4	NPTF 1/2" FEMALE	--	--	2U508-4F-4C-FFC
12.5	1/2"	4	3	ISO 11926-1	3/4" - 16 UNF FEMALE ORB	--	--	2U508-4F-3C-FUN
12.5	1/2"	4	2	ISO 1179-1	BSPP 1/2" FEMALE	--	--	2U508-4F-2C-FBC-3E2
12.5	1/2"					2	3 PINS	
12.5	1/2"	4	3	ISO 1179-1	BSPP 1/2" FEMALE	--	--	2U508-4F-3C-FBC-3E1
12.5	1/2"					1	3 PINS	
12.5	1/2"	4	3	ISO 1179-1	BSPP 1/2" FEMALE	--	--	3U508-4F-3C-FBC
12.5	1/2"	4	4	ISO 1179-1	BSPP 1/2" FEMALE	--	--	3U508-4F-4C-FBC
12.5	1/2"	4	4	ISO 1179-1	BSPP 1/2" FEMALE	--	--	2U508-4F-4C-FBC

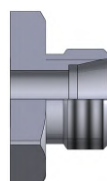
Thread Standard Details



ISO 1179-1 & ANSI B1.20.3



ISO 11926-1

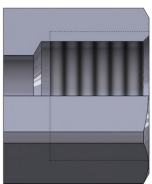


ISO 8434-1(S)

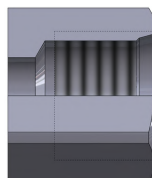
Multi Coupling 4 lines, size 1/2"

Size		Housing	Number of Couplings	Thread Type		Electrical Connector		MOBILE
mm	inch			Standard	Thread	N	Type	Part Number
125	1/2"	4	4	JIS B 2351-1	BSPP 1/2 FEMALE ORB	--	--	3U508-4M-4C-C-FBCO
125	1/2"	4	4	ISO 1179-1	BSPP 1/2" FEMALE	--	--	3U508-4M-4C-C-FBC
125	1/2"	4	4	ISO 8434-1-S	M24x1.5 MALE 16S	--	--	3U508-4M-4C-C-MMISS
125	1/2"	4	4	ISO 11926-1	3/4" - 16 UNF FEMALE ORB	--	--	3U508-4M-4C-C-FUN
125	1/2"	4	3	ISO 1179-1	BSPP 1/2" FEMALE	--	--	3U508-4M-3C-C-FBC
125	1/2"	4	2	ISO 1179-1	BSPP 1/2" FEMALE	--	--	3U508-4M-2C-C-FBC
125	1/2"	4	3	ISO 1179-1	BSPP 1/2" FEMALE	--	--	3U508-4M-3C-C-FBC-3E1
125	1/2"	4	4	ISO 11926-1	1 - 1/16" - 12 UN FEMALE ORB	--	3 PINS	2U508-4M-4C-FUS
125	1/2"	4	4	ISO 8434-1-S	M24x1.5 MALE 16S	--	--	2U508-4M-4C-MMISS
125	1/2"	4	4	ISO 11926-1	3/4" - 16 UNF FEMALE ORB	--	--	2U508-4M-4C-FUN
125	1/2"	4	4	ANSI B1.20.3	NPTF 1/2" FEMALE	--	--	2U508-4M-4C-FFC
125	1/2"	4	3	ISO 11926-1	3/4" - 16 UNF FEMALE ORB	--	--	2U508-4M-3C-FUN
125	1/2"	4	2	ISO 11926-1	3/4"-16 UNF FEMALE ORB	--	--	2U508-4M-2C-FUN-3E1
125	1/2"	4	4	ISO 1179-1	BSPP 1/2" FEMALE	1	3 PINS	2U508-4M-4C-FBC
125	1/2"	4	4	ISO 1179-1	BSPP 1/2" FEMALE	--	--	3U508-4M-4C-C-FBC

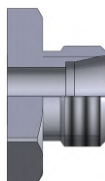
Thread Standard Details



ISO 1179-1 & ANSI B1.20.3

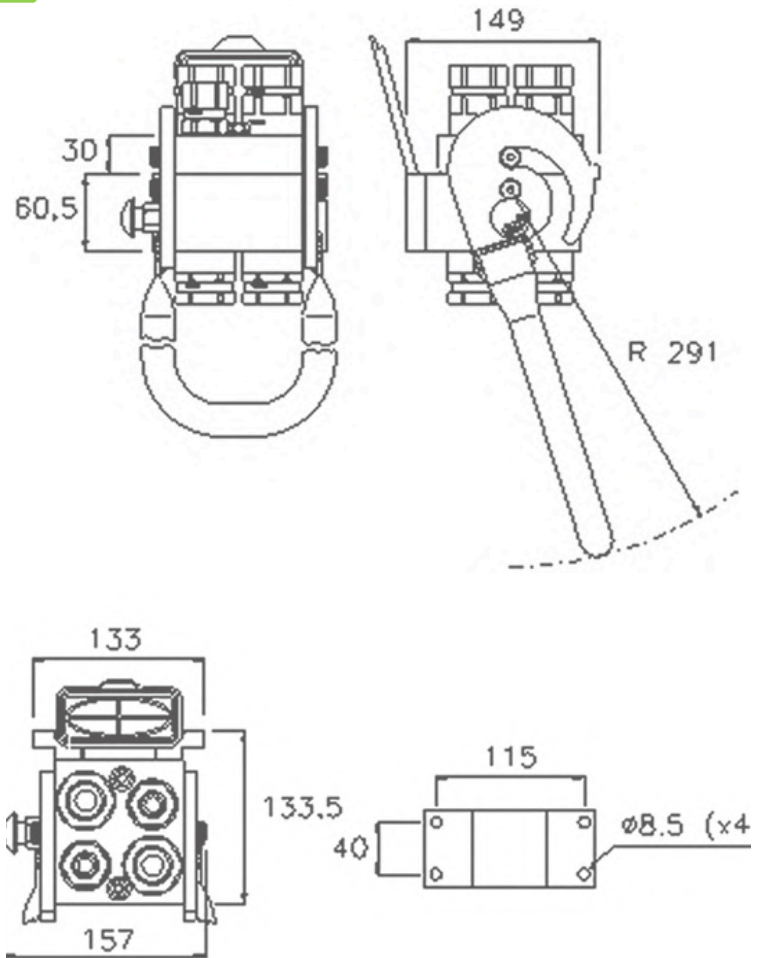


ISO 11926-1 & JIS B 2351-1



ISO 8434-1(S)

Multi Coupling 4 lines, 2 Lines for size 1/2" and 2 lines for 3/4"



Technical specification

Size		Working pressure (Bar)	Flow Rate (L/min)	Spillage (ml)	Male	Burst pressure (Bar)		
mm	inch					Female	Male + Female	
12.5	1/2"	250	70	0.01	1000	1000	1000	
20	3/4"	250	105	0.02	1000	1000	1000	

Product Details



Material
Aluminium & Steel



Surface Treatment
Zinc Plating (CrIII) & Paint



Seals
Nitrile: PU



Valve Style
Flat



Working Temperature
-30°C to +100°C



Connection Under Pressure
Allowed Residual



Connection / Disconnection
Lever

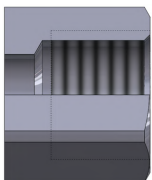
Application



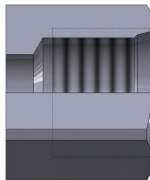
Multi Coupling 4 lines, 2 Lines for size 1/2" and 2 lines for 3/4"

Size		Housing	Number of Couplings	Thread Type		Electrical Connector		FIXED
mm	inch			Standard	Thread	N	Type	Part Number
12.5	1/2"	4	2	ISO 1179-1	BSPP 1/2" FEMALE	--	--	3U510-4F-2C2D-FBCE
20	3/4"		2	ISO 1179-1	BSPP 3/4" FEMALE	--	--	
12.5	1/2"	4	1	ISO 1179-1	BSPP 1/2" FEMALE	--	--	3U510-4F-1C2D-FBCE
20	3/4"		2	ISO 1179-1	BSPP 3/4" FEMALE	--	--	
12.5	1/2"	4	1	ISO 1179-1	BSPP 1/2" FEMALE	--	--	3U510-4F-1C1D-FBCE
20	3/4"		1	ISO 1179-1	BSPP 3/4" FEMALE	--	--	
12.5	1/2"	4				1	3 PINS	3U510-4F-1D1D-FBCE-37E1
20	3/4"		1	ISO 1179-1	BSPP 1/2" FEMALE	--	--	
20	3/4"	4	1	ISO 1179-1	BSPP 3/4" FEMALE	--	--	3U510-4F-1C2D-FBCE-3E1
12.5	1/2"		1	ISO 1179-1	BSPP 1/2" FEMALE	--	--	
12.5	1/2"	4	2	ISO 11926-1	1 - 1/16" - 12 UN FEMALE ORB	--	--	2U510-4F-2C2D-FUSN
20	3/4"		2	ISO 11926-1	3/4" - 16 UNF FEMALE ORB	--	--	
12.5	1/2"	4	1	ISO 1179-1	BSPP 1/2" FEMALE	--	--	2U510-4F-1C2D-FBCE
20	3/4"		2	ISO 1179-1	BSPP 3/4" FEMALE	--	--	
12.5	1/2"	4	1	ISO 1179-1	BSPP 1/2" FEMALE	--	--	2U510-4F-1C1D-FBCE
20	3/4"		1	ISO 1179-1	BSPP 3/4" FEMALE	--	--	
20	3/4"	4	2	ISO 11926-1	1 - 1/16" - 12 UN FEMALE ORB	--	--	2U510-4F-2D-FUS
12.5	1/2"		1	ISO 11926-1	1 - 1/16" - 12 UN FEMALE ORB	--	--	
12.5	1/2"	4				1	3 PINS	2U510-4F-1C2D-FUSN-3E1
20	3/4"		2	ISO 11926-1	3/4" - 16 UNF FEMALE ORB	--	--	
12.5	1/2"	4	1	ISO 1179-1	BSPP 1/2" FEMALE	--	--	2U510-4F-1C2D-FBCE-3E1
12.5	1/2"		4			1	3 PINS	
20	3/4"	4	2	ISO 1179-1	BSPP 3/4" FEMALE	--	--	2U510-4F-2D-FUS-3E1
12.5	1/2"		1	ISO 1179-1	BSPP 1/2" FEMALE	--	--	
20	3/4"	4	2	ISO 1179-1	BSPP 3/4" FEMALE	--	--	3U510-4F-2D-FBE
20	3/4"		2	ISO 1179-1	BSPP 3/4" FEMALE	--	--	
12.5	1/2"	4	2	ISO 1179-1	BSPP 1/2" FEMALE	--	--	U4F-2C2D-FB
20	3/4"		2	ISO 1179-1	BSPP 3/4" FEMALE	--	--	

Thread Standard Details



ISO 1179-1

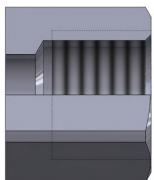


ISO 11926-1

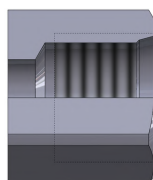
Multi Coupling 4 lines, 2 Lines for size 1/2" and 2 lines for 3/4"

Size		Housing	Number of Couplings	Thread Type		Electrical Connector		MOBILE
mm	inch			Standard	Thread	N	Type	Part Number
12.5	1/2"	4	1	ISO 1179-1	BSPP 1/2" FEMALE	--	--	3U510-4M-1C2D-C-FBCE
20	3/4"		2	ISO 1179-1	BSPP 3/4" FEMALE	--	--	
12.5	1/2"	4	1	ISO 1179-1	BSPP 1/2" FEMALE	--	--	3U510-4M-1C1D-C-FBCE
20	3/4"		1	ISO 1179-1	BSPP 3/4" FEMALE	--	--	
20	3/4"	4	2	ISO 11926-1	1-1/16"-12 UN FEMALE ORB	--	--	3U510-4M-2D-C-FUS
12.5	1/2"	4	1	ISO 1179-1	BSPP 1/2" FEMALE	1	3 PINS	3U510-4M-1D1D-C-FBCE-37E1
12.5	1/2"					1	7 PINS	
20	3/4"	4	1	ISO 1179-1	BSPP 3/4" FEMALE	--	--	3U510-4M-1C2D-C-FBCE-3E1
20	3/4"					1	--	
12.5	1/2"	4	2	ISO 1179-1	BSPP 3/4" FEMALE	1	3 PINS	2U510-4M-2C2D-FUSN
12.5	1/2"					2	--	
20	3/4"	4	2	ISO 11926-1	3/4" - 16 UNF FEMALE ORB	--	--	2U510-4M-1C2D-FBCE
20	3/4"					2	--	
12.5	1/2"	4	1	ISO 1179-1	BSPP 1/2" FEMALE	--	--	2U510-4M-1C1D-FBCE
20	3/4"					2	--	
12.5	1/2"	4	1	ISO 1179-1	BSPP 1/2" FEMALE	--	--	2U510-4M-1C2D-FUS
20	3/4"					1	--	
20	3/4"	4	2	ISO 11926-1	1 - 1/16" - 12 UN FEMALE ORB	--	--	2U510-4M-1C2D-FUSN-3E1
12.5	1/2"					1	--	
12.5	1/2"	4	2	ISO 11926-1	3/4" - 16 UNF FEMALE ORB	1	3 PINS	2U510-4M-1C2D-FBCE-3E1
20	3/4"					2	--	
12.5	1/2"	4	1	ISO 1179-1	BSPP 1/2" FEMALE	--	--	2U510-4M-1C2D-FBCE-3E1
12.5	1/2"					1	3 PINS	
20	3/4"	4	2	ISO 1179-1	BSPP 3/4" FEMALE	--	--	3U510-4M-2D-C-FBE
20	3/4"					2	--	
20	3/4"	4	2	ISO 1179-1	BSPP 3/4" FEMALE	--	--	2U510-4M-2D-FBE
20	3/4"					2	--	
12.5	1/2"	4	2	ISO 1179-1	BSPP 1/2" FEMALE	--	--	2U510-4M-2C2D-FBCE
20	3/4"					2	--	

Thread Standard Details

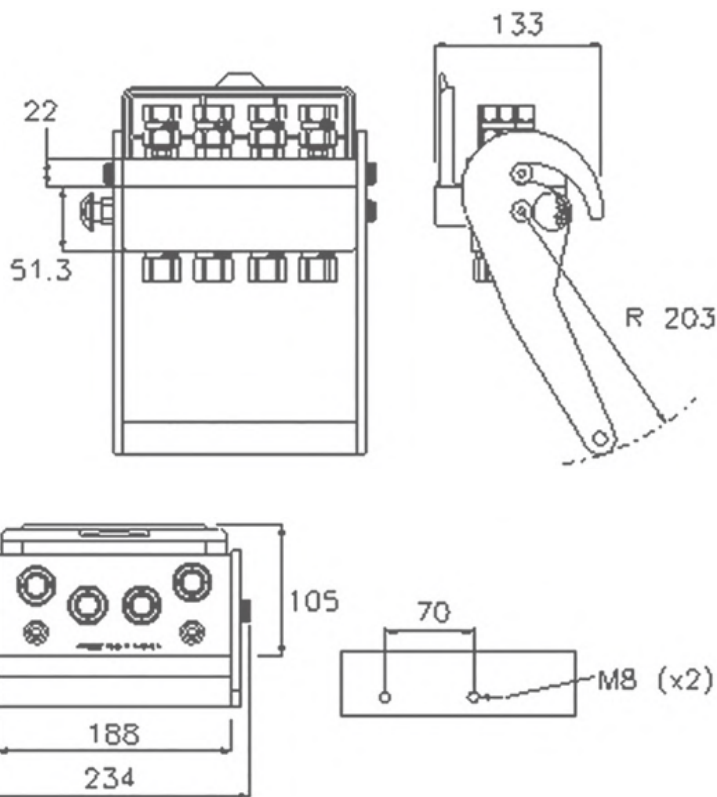


ISO 1179-1



ISO 11926-1

Multi Coupling 4 lines size 3/8"



Technical specification

Size		Working pressure (Bar)	Flow Rate (L/min)	Spillage (ml)	Burst pressure (Bar)	Burst pressure (Bar)		
mm	inch					Male	Female	Male + Female
10	3/8"	250	40	0.008	1000	1000	1000	

Product Details



Material
Aluminium & Steel



Surface Treatment
Zinc Plating (CrIII) & Paint



Seals
Nitrile: PU



Valve Style
Flat



Working Temperature
-30°C to +100°C



Connection Under Pressure
Allowed Residual



Connection / Disconnection
Lever

Application

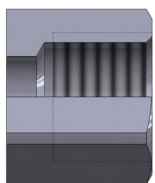


Multi Coupling 4 lines size 3/8"

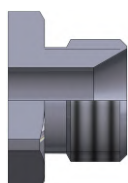
Size		Housing	Number of Couplings	Thread Type		Electrical Connector		FIXED
mm	inch			Standard	Thread	N	Type	Part Number
10	3/8"	4	4	ISO 8434-3	13/16"-16 UN MALE ORFS	--	--	2US06-4F-4B-MUJ
10	3/8"	4	4	ISO 8434-1-L	M22x1.5 MALE 15L	--	--	2US06-4F-4B-MMKSL
10	3/8"	4	4	ISO 1179-1	BSPP 3/8" FEMALE	--	--	2US06-4F-4B-FBB
10	3/8"	4	4	ISO 1179-1	BSPP 1/2" FEMALE	--	--	2US06-4F-4B-FBC

Size		Housing	Number of Couplings	Thread Type		Electrical Connector		MOBILE
mm	inch			Standard	Thread	N	Type	Part Number
10	3/8"	4	4	ISO 1179-1	BSPP 3/8" FEMALE	--	--	2US06-4M-4B-FBB
10	3/8"	4	4	ISO 8434-6	BSPP 1/2" FEMALE SWIVEL NUT	--	--	2US06-4M-4B-FBCW
10	3/8"	4	4	ISO 8434-3	13/16"-16 UN MALE ORFS	--	--	2US06-4M-4B-MUJ
10	3/8"	4	2	ISO 8434-1-L	M22x1,5 MALE 15L	--	--	2US06-4M-2B-MMKSL
10	3/8"	4	4	ISO 1179-1	BSPP 1/2" FEMALE	--	--	2US06-4M-4B-FBC
10	3/8"	4	4	ISO 8434-1-L	M22x1,5 MALE 15L	--	--	2US06-4M-2B-MMKSL

Thread Standard Details



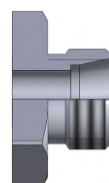
ISO 1179-1



ISO 8434-6

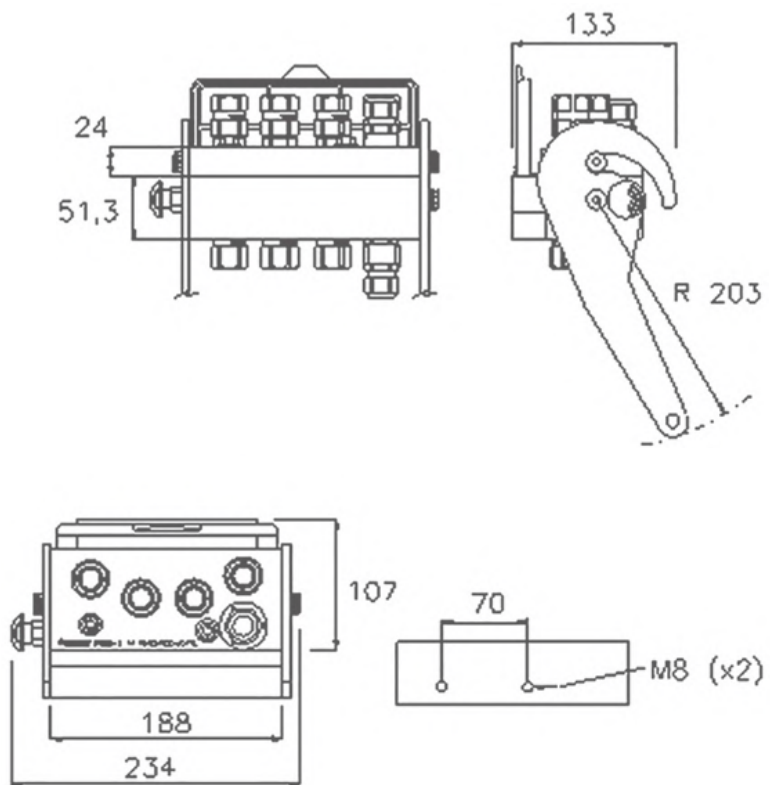


ISO 8434-3



ISO 8434-1(L)

Multi Coupling 4 lines size 3/8" and 1 line size 1/2"



Technical specification

Size	Working pressure (Bar)	Flow Rate (L/min)	Spillage (ml)	Burst pressure (Bar)			
				Male	Female	Male + Female	
mm 10	inch 3/8"	250	40	0.008	1000	1000	1000
mm 12.5	inch 1/2"	250	70	0.01	1000	1000	1000

Product Details

- Material: Aluminium & Steel
- Surface Treatment: Zinc Plating (CrIII) & Paint
- Seals: Nitrile: PU
- Valve Style: Flat
- Working Temperature: -30°C to +100°C
- Connection Under Pressure: Allowed Residual
- Connection / Disconnection: Lever

Application

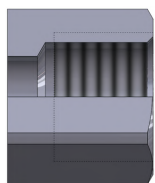


Multi Coupling 4 lines size 3/8" and 1 line size 1/2"

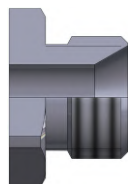
Size		Housing	Number of Couplings	Thread Type		Electrical Connector		FIXED
mm	inch			Standard	Thread	N	Type	Part Number
10	3/8"	5	4	ISO 8434-1-L	M22x1.5 MALE 15L	--	--	2US06X-5F-4B-MMKSL-7E1
12.5	1/2"			1	7 PINS			
10	3/8"	5	4	ISO 1179-1	BSPP 3/8" FEMALE	--	--	2US06X-5F-4B-FBB-3E1
12.5	1/2"			1	3 PINS			
10	3/8"	5	4	ISO 1179-1	BSPP 1/2" FEMALE	--	--	2US06X-5F-4B-FBC-3E1
12.5	1/2"			1	3 PINS			
10	3/8"	5	4	ISO 8434-1-L	M22x1.5 MALE 15L	--	--	2US06X-5F-4B-MMKSL-3E1
12.5	1/2"			1	3 PINS			

Size		Housing	Number of Couplings	Thread Type		Electrical Connector		MOBILE
mm	inch			Standard	Thread	N	Type	Part Number
10	3/8"	5	4	ISO 8434-6	"BSPP 1/2"" FEMALE SWIVEL NUT	--	--	2US06X-5M-4B-FBCW-7E1
12.5	1/2"			1	7 PINS			
10	3/8"	5	4	ISO 1179-1	BSPP 3/8" FEMALE	--	--	2US06X-5M-4B-FBB-3E1
12.5	1/2"			1	3 PINS			
10	3/8"	5	4	ISO 11926-1	3/4" - 16 UNF FEMALE ORB	--	--	2US06X-5M-4B-FUN-3E1
12.5	1/2"			1	3 PINS			
10	3/8"	5	4	ISO 1179-1	BSPP 1/2" FEMALE	--	--	2US06X-5M-4B-FBC-3E1
12.5	1/2"			1	3 PINS			
10	3/8"	5	4	ISO 8434-1-L	M22x1.5 MALE 15L	--	--	2US06X-5M-4B-MMKSL
10	3/8"			ISO 8434-1-L	M22x1.5 MALE 15L	--	--	
12.5	1/2"			1	3 PINS			

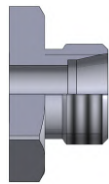
Thread Standard Details



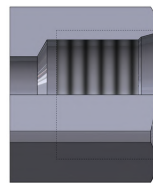
ISO 1179-1



ISO 8434-6

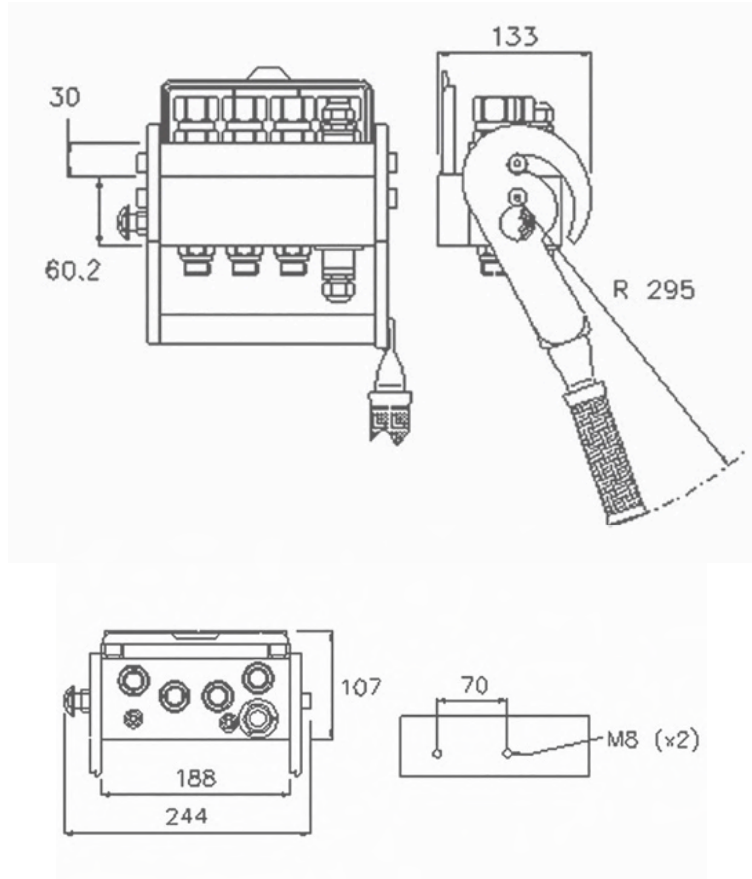


ISO 8434-1(L)



ISO 11926-1

Multicoupling 5 lines, 4 lines for size 1/2" and 1 line with electric connector



Technical specification

Size		Working pressure (Bar)	Flow Rate (L/min)	Spillage (ml)	Male	Burst pressure (Bar)	
mm	inch					Female	Male + Female
12.5	1/2"	250	70	0.01	1000	1000	1000

Product Details



Material
Aluminium & Steel



Surface Treatment
Zinc Plating (CrIII) & Paint



Seals
Nitrile: PU



Valve Style
Flat



Working Temperature
-30°C to +100°C



Connection Under Pressure
Allowed Residual



Connection / Disconnection
Lever

Application

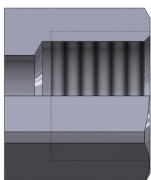


Multicoupling 5 lines, 4 lines for size 1/2" and 1 line with electric connector

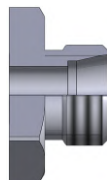
Size		Housing	Number of Couplings	Thread Type		Electrical Connector		FIXED
mm	inch			Standard	Thread	N	Type	Part Number
12.5	1/2"	5	4	ISO 8434-1-L	M22x1.5 MALE 15L	--	--	2US08-5F-4C-MMKSL
12.5	1/2"	5	4	ISO 8434-1-L	M22x1.5 MALE 15L	--	--	2US08-5F-4C-MMKSL-3E1
12.5	1/2"	5	4	ISO 1179-1	BSPP 1/2" FEMALE	1	3 PINS	2US08-5F-4C-FBC-3E1
12.5	1/2"	5	4	ISO 1179-1	BSPP 1/2" FEMALE	--	--	2US08-5F-4C-FBC-3E1
12.5	1/2"	5	4	ISO 1179-1	BSPP 1/2" FEMALE	1	3 PINS	2US08-5F-4C-FBC-3E1

Size		Housing	Number of Couplings	Thread Type		Electrical Connector		MOBILE
mm	inch			Standard	Thread	N	Type	Part Number
12.5	1/2"	5	4	ISO 8434-1-L	M22x1.5 MALE 15L	--	--	2US08-5M-4C-MMKSL
12.5	1/2"	5	4	ISO 8434-1-L	M22x1.5 MALE 15L	--	--	2US08-5M-4C-MMKSL-3E1
12.5	1/2"	5	4	ISO 1179-1	BSPP 1/2" FEMALE	1	3 PINS	2US08-5M-4C-FBC-3E1
12.5	1/2"	5	4	ISO 1179-1	BSPP 1/2" FEMALE	--	--	2US08-5M-4C-FBC-3E1
12.5	1/2"	5	4	ISO 1179-1	BSPP 1/2" FEMALE	1	3 PINS	2US08-5M-4C-FBC-3E1

Thread Standard Details

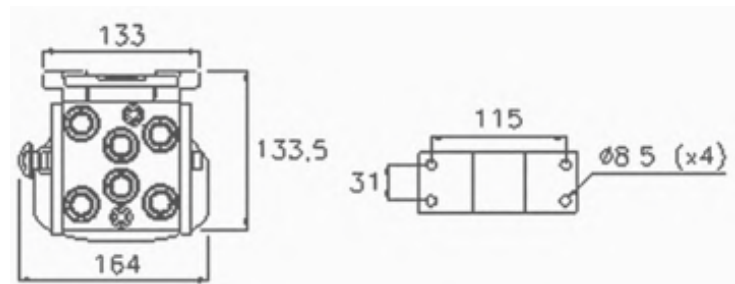
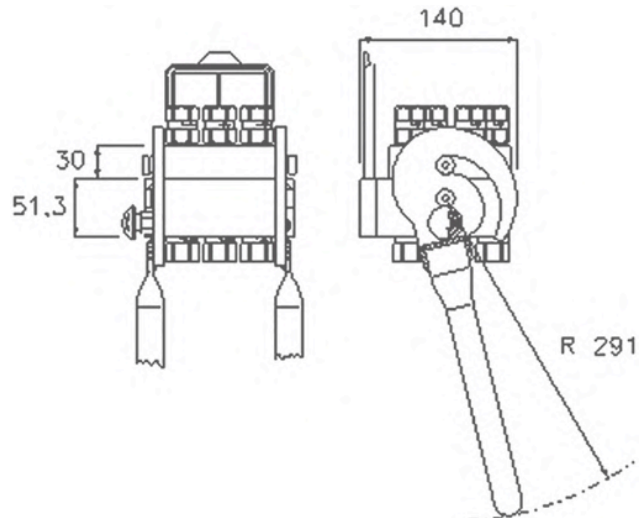


ISO 1179-1



ISO 8434-1(L)

Multicoupling 6 lines, size 3/8"



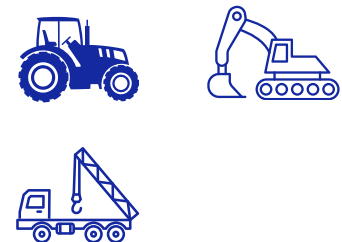
Technical specification

Size		Working pressure (Bar)	Flow Rate (L/min)	Spillage (ml)	Burst pressure (Bar)		
mm	inch				Male	Female	Male + Female
10	3/8"	250	40	0.008	1000	1000	1000

Product Details

- Material: Aluminium & Steel
- Seals: Nitrile: PU
- Working Temperature: -30°C to +100°C
- Connection / Disconnection: Lever
- Surface Treatment: Zinc Plating (CrIII) & Paint
- Valve Style: Flat
- Connection Under Pressure: Allowed Residual

Application

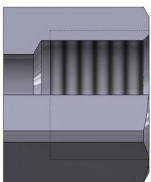


Multi Coupling 6 lines, size 3/8"

Size		Housing	Number of Couplings	Thread Type		Electrical Connector		FIXED
mm	inch			Standard	Thread	N	Type	Part Number
10	3/8"	6	6	ISO 1179-1	BSPP 3/8" FEMALE	--	--	2U5066-6F-6B-FBB

Size		Housing	Number of Couplings	Thread Type		Electrical Connector		MOBILE
mm	inch			Standard	Thread	N	Type	Part Number
10	3/8"	6	6	ISO 1179-1	BSPP 3/8" FEMALE	--	--	3U5066-6M-6B-C-FBB
10	3/8"	6	6	ISO 1179-1	BSPP 3/8" FEMALE	--	--	2U5066-6F-6B-FBB

Thread Standard Details



ISO 1179-1

Special Flat Face Couplings, known as Refrigeration Couplings
 Widely used in AC cabins of Tractors and Construction Equipment, Zero Spillage



Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	-	-	183	143	-	-	-	-
Burst Pressure (Bar) Min.	-	-	550	430	-	-	-	-

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII)



Seals
Neoprene



Valve Style
Flat



Working Temperature
-20°C to +120°C



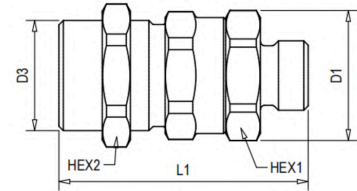
Connection Under Pressure
Allowed Residual

Application



REFRIGERATION COUPLING SERIES

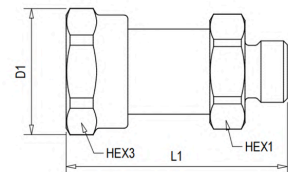
**Special Flat Face Couplings, known as Refrigeration Couplings
Widely used in AC cabins of Tractors and Construction
Equipment, Zero Spillage**



SIZE		THREAD DETAILS			DIMENSIONS				
mm	inch	STANDARD	THREAD	PART NO.	D1	D3	L1	HEX1	HEX2
12.5	1/2"	FIAT 14293	5/8"-18 UNF (M)	U00MCRFMUL	30	25.4	57.6	27	30
20	3/4"	FIAT 14293	7/8"-14 UNF (M)	U00MDRFMUV	40	36.5	72.6	36	41

All Dimensions are in mm

These dimensions are for reference only & may change as per design modification



SIZE		THREAD DETAILS			DIMENSIONS			
mm	inch	STANDARD	THREAD (MALE)	PART NO.	D1	L1	HEX1	HEX3
12.5	1/2"	FIAT 14293	5/8"-18 UNF	U00FCRFMUL	33	57.5	27	30
20	3/4"	FIAT 14293	7/8"-14 UNF	U00FDRFMUV	45	70.5	36	41

All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details



UBE Coupling used for Aircrafts, Cooling of electronics in power converters & low pressure hydraulic circuits



Technical specification

Body size	1/4"	3/8"	1/2"	5/8"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	-	16	16	16	16	16	-	-	-
Burst Pressure (Bar) Min.	-	-	-	-	-	-	-	-	-

Product Details



Material
Brass, Stainless Steel



Surface Treatment
Electroless Nickel (Bright)



Seals
Flurosilicon



Valve Style
Poppet



Working Temperature
-57°C to +205°C

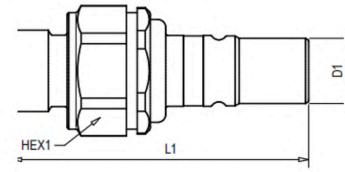


Connection Under Pressure
Not Allowed

Application



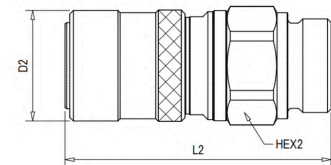
UBE Coupling used for Aircrafts, Cooling of electronics in power converters & low pressure hydraulic circuits



SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD (MALE)	PART NO.	D1	L1	HEX1
10	3/8"	ISO 8434-6	3/8" BSP	U00MR09MBBS	12.5	53	23
10	3/8"	ISO 8434-1L	M18x1.5P	U00MR09MMGSLS	12.5	59	23
12	1/2"	ISO 8434-6	1/2" BSP	U00MR12MBCS	16.5	75	30
12	1/2"	ISO 8434-1L	M26x1.5P	U00MR12MMLSLS	16.5	71.5	30
16	5/8"	ISO 8434-6	3/4" BSP	U00MR16MBES	21	99	36
16	5/8"	ISO 8434-1L	M30x2P	U00MR16MMNSLS	21	95	36
20	3/4"	ISO 8434-6	1" BSP	U00MR20MBFS	29.5	139	42
20	3/4"	ISO 8434-1L	M36x2P	U00MR20MMRSLS	29.5	132	42
25	1"	ISO 8434-6	1-1/4" BSP	U00MR25MBGS	34.5	152	50
25	1"	ISO 8434-1L	M45x2P	U00MR25MMJSLS	34.5	148	50

All Dimensions are in mm

These dimensions are for reference only & may change as per design modification



SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD (MALE)	PART NO.	D2	L2	HEX2
10	3/8"	ISO 8434-6	3/8" BSP	U00FR09MBBS	25	66	23
10	3/8"	ISO 8434-1L	M18x1.5P	U00FR09MMGSLS	25	65	23
12	1/2"	ISO 8434-6	1/2" BSP	U00FR12MBCS	31	80	30
12	1/2"	ISO 8434-1L	M26x1.5P	U00FR12MMLSLS	31	74	30
16	5/8"	ISO 8434-6	3/4" BSP	U00FR16MBES	38	100	36
16	5/8"	ISO 8434-1L	M30x2P	U00FR16MMNSLS	38	98	36
20	3/4"	ISO 8434-6	1" BSP	U00FR20MBFS	50	129	42
20	3/4"	ISO 8434-1L	M36x2P	U00FR20MMRSLS	50	123	42
25	1"	ISO 8434-6	1-1/4" BSP	U00FR25MBGS	58	139	50
25	1"	ISO 8434-1L	M45x2P	U00FR25MMJSLS	58	134	50

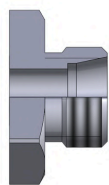
All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details



ISO 8434-6



ISO 8434-1(L)

Special Flat Face Couplings, light weight and low pressure application
Widely used in Server Cooling applications and Chiller Units, Zero Spillage



Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	-	-	20	-	-	-	-	-
Burst Pressure (Bar) Min.	-	-	40	-	-	-	-	-

Product Details



Material
Aluminium



Surface Treatment
Anodized



Seals
EPDM*



Valve Style
Flat Face

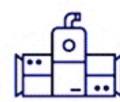


Working Temperature
-50°C to +130°C

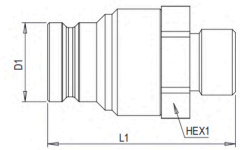


Connection Under Pressure
Not Allowed

Application



**Special Flat Face Couplings, light weight and low pressure application
Widely used in Server Cooling applications and Chiller Units, Zero Spillage**

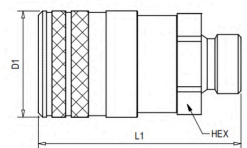


SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD (MALE)	PART NO.	D1	L1	HEX1

12.5	1/2"	ISO 8434-6	1/2" BSP	U00MCFMBCALE	25.2	59.6	32
------	------	------------	----------	--------------	------	------	----

All Dimensions are in mm

These dimensions are for reference only & may change as per design modification



SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD (MALE)	PART NO.	D1	L1	HEX

12.5	1/2"	ISO 8434-6	1/2" BSP	U00FCFMBCALE	37.6	71.5	32
------	------	------------	----------	--------------	------	------	----

All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details



ISO 8434-6

Couplings for Server Cooling Application, Dry Break, Stainless Steel Material

Product Details

- Material
Stainless Steel
- Surface Treatment
-
- Seals
EPDM
- Valve Style
Flat
- Working Temperature
-50°C to +150°C
- Connection Under Pressure
Not Allowed
- Connection / Disconnection
Push to connect / Sleeve Retraction



Technical specification

MALE COUPLING

SIZE		THREAD DETAILS			PART NO.	W.P. (bar)	B.P. (bar)
mm	inch	STANDARD	THREAD				
5	1/8"	ISO 6149-2	1/8" BSP (M)	LCM02MBBSEB	7	21	
6.3	1/4"	ISO 6149-2	1/4" BSP (M)	LCM04MBBSEB			
10	3/8"	ISO 6149-2	3/8" BSP (M)	LCM06MBBSEB			
12	1/2"	ISO 6149-2	1/2" BSP (M)	LCM08MBBSEB			

MALE COUPLING

SIZE		CONNECTOR DETAILS			PART NO.	W.P. (bar)	B.P. (bar)
mm	inch	STANDARD	CONNECTOR				
5	1/8"	--	1/8" HOSE SHANK	LCF02HCSESR	7	21	
6.3	1/4"	--	1/4" HOSE SHANK	LCF04HCSESR			
10	3/8"	--	3/8" HOSE SHANK	LCF06HCSESR			
12	1/2"	--	1/2" HOSE SHANK	LCF08HCSESR			

Application



Couplings for Data Centres, Power Electronics, Transportation Application, Dry Break, Light Weight Construction

Product Details

- Material: Stainless Steel
- Surface Treatment: Anodised
- Seals: EPDM
- Valve Style: Flat
- Working Temperature: -60°C to +200°C
- Connection Under Pressure: Not Allowed
- Connection / Disconnection: Push to connect / Sleeve Retraction



Technical specification

MALE COUPLING

SIZE		THREAD DETAILS		PART NO.	W.P. (bar)	B.P. (bar)
mm	inch	STANDARD	THREAD			
12	1/2"	ISO 6149-2	3/4" BSP (M)	U00MCSPMBE	10	40
			1/2" BSP (M)	U00MCSPMBC		

FEMALE COUPLING

SIZE		CONNECTOR DETAILS		PART NO.	W.P. (bar)	B.P. (bar)
mm	inch	STANDARD	CONNECTOR			
12	1/2"	--	1/2" HOSE SHANK	U00FCSPHMF	10	40
			3/4" BSP (F)	U00FCSPFBE90		

Application



STRAIGHT THROUGH COUPLING SERIES - MALE

Full Flow Couplings, without Shut – Off valve
General Applications



Technical specification

Body size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 ¼"	1 ½"	2"
Max. working pressure (Bar)	180	515	435	250	210	140	150	170	105
Burst Pressure (Bar) Min.	770	770	770	610	470	360	470	390	250

Product Details



Material
Carbon Steel, Stainless Steel & Brass



Seals
Nitrile



Working Temperature
-30°C to +100°C



Surface Treatment
Zinc Plating (CrIII) &
Zinc Nickel (CrIII)



Valve Style



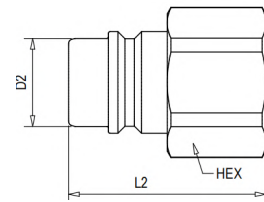
Connection Under Pressure
Not Allowed

Application



STRAIGHT THROUGH COUPLING SERIES - MALE

**Full Flow Couplings, without Shut – Off valve
General Applications**

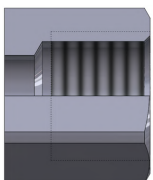


SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD	PART NO.	D2	L2	HEX
3.2	1/8"	----	7/16"-24 UNS (F)	U00MMTFUA7S	6.7	24.8	14.2
6.3	1/4"	ISO 1179-1	1/4" BSP (F)	U00MATFBA	14.2	36	19
6.3	1/4"	ISO 7-1	1/4" BSPT (F)	U00MATFTA	14.2	36	19
6.3	1/4"	ANSI B1.20.3	1/4"-18 NPTF (F)	U00MATFFA	14.2	36	19
10	3/8"	ISO 1179-1	3/8" BSP (F)	U00MBTFBB	17.2	38	22
10	3/8"	ISO 7-1	3/8" BSPT (F)	U00MBTFTB	17.2	38	22
10	3/8"	ANSI B1.20.3	3/8"-18 NPTF (F)	U00MBTFFB	17.2	38	22
12.5	1/2"	ISO 1179-1	1/2" BSP (F)	U00MCTFBC	19.1	43.5	27
12.5	1/2"	ISO 7-1	1/2" BSPT (F)	U00MCTFTC	19.1	43.5	27
12.5	1/2"	ANSI B1.20.3	1/2"-14 NPTF (F)	U00MCTFFC	19.1	43.5	27
20	3/4"	ISO 1179-1	3/4" BSP (F)	U00MDTFBE	20.5	46	32
20	3/4"	ISO 7-1	3/4" BSPT (F)	U00MDTFTE	20.5	46	32
20	3/4"	ANSI B1.20.3	3/4"-14 NPTF (F)	U00MDTFFE	20.5	46	32
25	1"	ISO 1179-1	1" BSP (F)	U00METFBF	32	53	41
25	1"	ISO 7-1	1" BSPT (F)	U00METFTF	32	53	41
25	1"	ANSI B1.20.3	1"-11 1/2 NPTF (F)	U00METFFF	32	53	41
31.5	1 1/4"	ISO 1179-1	1 1/4" BSP (F)	U00MFTFBG	44	58	55
31.5	1 1/4"	ISO 1179-1	1 1/4" BSP (F)	U00MFTFBGS	44	58	55
31.5	1 1/4"	ISO 7-1	1 1/4" BSPT (F)	U00MFTFTG	44	58	55
31.5	1 1/4"	ANSI B1.20.3	1 1/4"-11 1/2 NPTF (F)	U00MFTFFG	44	58	55
31.5	1 1/4"	ISO 8434-6	1" BSP (M)	U00MFTMBFZN	44	71	55
31.5	1 1/4"	ISO 8434-6	1 1/4" BSP (M)	U00MFTMBGZN	44	73	55
40	1 1/2"	ISO 1179-1	1 1/2" BSP (F)	U00MGTFBH	44	60	55
40	1 1/2"	ISO 1179-1	1 1/2" BSP (F)	U00MGTFBHS	44	60	55
40	1 1/2"	ISO 7-1	1 1/2" BSPT (F)	U00MGTFTH	44	60	55
40	1 1/2"	ANSI B1.20.3	1 1/2"-11 1/2 NPTF (F)	U00MGTFHH	44	60	55
50	2"	ISO 1179-1	2" BSP (F)	U00MHTFBI	54.3	75	64
50	2"	ISO 7-1	2" BSPT (F)	U00MHTFTI	54.3	75	64
50	2"	ANSI B1.20.3	2"-11 1/2 NPTF (F)	U00MHTFFI	54.3	75	64
50	2"	ISO 8434-6	2" BSP (M)	U00MHTMBIZN	54.3	85	70
50	2"	ISO 8434-6	2-1/2" BSP (M)	U00MHTMBA5ZN	54.3	88	80

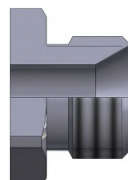
All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details



ISO 1179-1



ISO 8434-6

STRAIGHT THROUGH COUPLING SERIES - FEMALE

Full Flow Couplings, without Shut – Off valve
General Applications



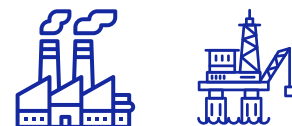
Technical specification

Body size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 ¼"	1 ½"	2"
Max. working pressure (Bar)	180	515	435	250	210	140	150	170	105
Burst Pressure (Bar) Min.	770	770	770	610	470	360	470	390	250

Product Details

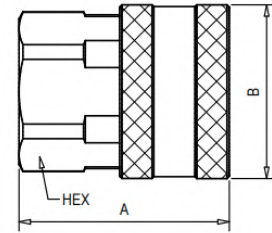
- Material
Carbon Steel, Stainless Steel & Brass
- Seals
Nitrile
- Working Temperature
-30°C to +100°C
- Connection / Disconnection
Sleeve Retraction
- Surface Treatment
Zinc Plating (CrIII) & Zinc Nickel (CrIII)
- Valve Style
- Connection Under Pressure
Not Allowed

Application



STRAIGHT THROUGH COUPLING SERIES - FEMALE

**Full Flow Couplings, without Shut – Off valve
General Applications**

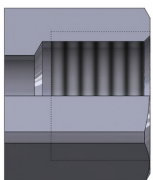


SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD	PART NO.	B	A	HEX
3.2	1/8"	----	7/16"-24 UNS (F)	U00FMTFUA7B	17.3	22.7	14.2
6.3	1/4"	ISO 1179-1	1/4" BSP (F)	U00FATFBA	27	41	19
6.3	1/4"	ISO 7-1	1/4" BSPT (F)	U00FATFTA	27	41	19
6.3	1/4"	ANSI B1.20.3	1/4"-18 NPTF (F)	U00FATFFA	27	41	19
10	3/8"	ISO 1179-1	3/8" BSP (F)	U00FBTFBB	30	39	22
10	3/8"	ISO 7-1	3/8" BSPT (F)	U00FBTFB	30	39	22
10	3/8"	ANSI B1.20.3	3/8"-18 NPTF (F)	U00FBTFB	30	39	22
12.5	1/2"	ISO 1179-1	1/2" BSP (F)	U00FCTFBC	34	44.3	27
12.5	1/2"	ISO 7-1	1/2" BSPT (F)	U00FCTFTC	34	44.3	27
12.5	1/2"	ANSI B1.20.3	1/2"-14 NPTF (F)	U00FCTFFC	34	44.3	27
20	3/4"	ISO 1179-1	3/4" BSP (F)	U00FDTFBE	38	46	32
20	3/4"	ISO 7-1	3/4" BSPT (F)	U00FDTFTE	38	46	32
20	3/4"	ANSI B1.20.3	3/4"-14 NPTF (F)	U00FDTFFE	38	46	32
25	1"	ISO 1179-1	1" BSP (F)	U00FETFBF	54	53	41
25	1"	ISO 7-1	1" BSPT (F)	U00FETFTF	54	53	41
25	1"	ANSI B1.20.3	1"-11 1/2 NPTF (F)	U00FETFFF	54	53	41
31.5	1 1/4"	ISO 1179-1	1 1/4" BSP (F)	U00FFTFBG	63	59	55
31.5	1 1/4"	ISO 1179-1	1 1/4" BSP (F)	U00FFTFBGS	63	59	55
31.5	1 1/4"	ISO 7-1	1 1/4" BSPT (F)	U00FFTFGTG	63	59	55
31.5	1 1/4"	ANSI B1.20.3	1 1/4"-11 1/2 NPTF (F)	U00FFTFFG	63	59	55
31.5	1 1/4"	ISO 8434-6	1" BSP (M)	U00FFTMBFZN	63	79	55
31.5	1 1/4"	ISO 8434-6	1 1/4" BSP (M)	U00FFTMBCZN	63	82	55
40	1 1/2"	ISO 1179-1	1 1/2" BSP (F)	U00FGTFBH	62.5	64	55
40	1 1/2"	ISO 1179-1	1 1/2" BSP (F)	U00FGTFBHS	62.5	64	55
40	1 1/2"	ISO 7-1	1 1/2" BSPT (F)	U00FGTFTH	62.5	64	55
40	1 1/2"	ANSI B1.20.3	1 1/2"-11 1/2 NPTF (F)	U00FGTFH	62.5	64	55
50	2"	ISO 1179-1	2" BSP (F)	U00FHTFBI	78	75	64
50	2"	ISO 7-1	2" BSPT (F)	U00FHTFTI	78	75	64
50	2"	ANSI B1.20.3	2"-11 1/2 NPTF (F)	U00FHTFFI	78	75	64
50	2"	ISO 8434-6	2" BSP (M)	U00FHTMBIZN	78	93	70
50	2"	ISO 8434-6	2-1/2" BSP (M)	U00FHTMBA5ZN	78	95	80

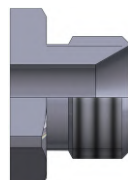
All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details



ISO 1179-1



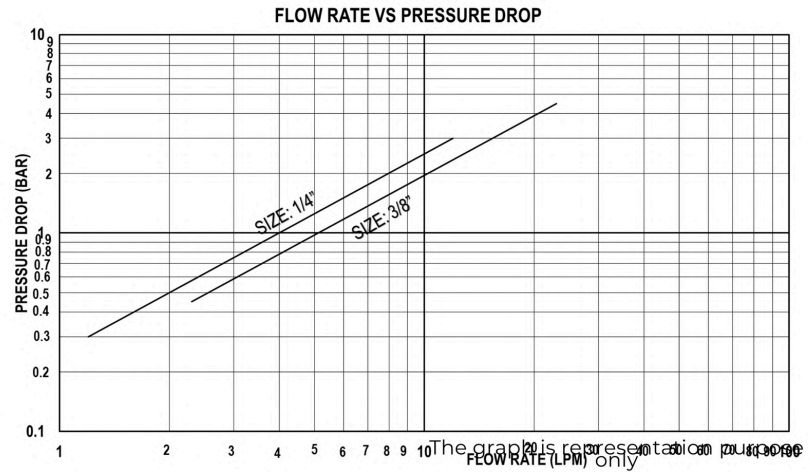
ISO 8434-6

SCREW JACK COUPLING SERIES

High Pressure Screw Male coupling (Ball) for Bolt Tensioners
High Pressure Screw Male coupling (Poppet) for Power Lifting (Jack) Application



Pressure characteristic



Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
Max. working pressure (Bar)	720	720	-	-	-	-	-	-
Burst Pressure (Bar) Min.	1490	1440	-	-	-	-	-	-
Burst Pressure (Bar) (Poppet)	2160	2160	-	-	-	-	-	-

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII)



Seals
Nitrile



Valve Style
Poppet & Ball



Working Temperature
-30°C to +100°C



Connection Under Pressure
Not Allowed



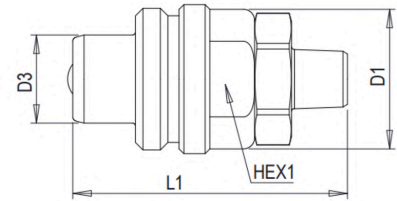
Connection / Disconnection
Sleeve Retraction

Application



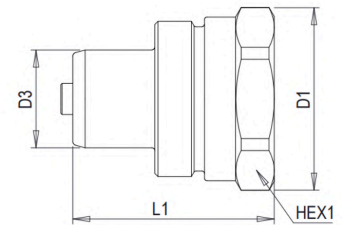
SCREW JACK COUPLING SERIES

High Pressure Screw Male coupling (Ball) for Bolt Tensioners
High Pressure Screw Male coupling (Poppet) for Power Lifting (Jack) Application



SIZE		THREAD DETAILS			DIMENSIONS			
mm	inch	STANDARD	THREAD	PART NO.	D1	D3	L1	HEX1
6.3	1/4"	ANSI B1.20.3	1/4"-18 NPTF (F)	U00MAJBFFA	15.8	26.7	32.5	21
6.3	1/4"	ANSI B1.20.3	1/8"-27 NPTF (M)	U00MAJBMFZ	15.8	26.7	50.3	21
10	3/8"	ANSI B1.20.3	3/8"-18 NPTF (F)	U00MBJBFFB	19	35.5	41	32

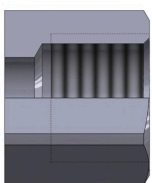
All Dimensions are in mm
 These dimensions are for reference only & may change as per design modification



SIZE		THREAD DETAILS			DIMENSIONS			
mm	inch	STANDARD	THREAD (FEMALE)	PART NO.	D3	D1	L1	HEX1
6.3	1/4"	ISO 1179-1	1/4" BSP	U00MAJFBA	15.8	30	33	27
6.3	1/4"	ANSI B1.20.3	1/4"-18 NPTF	U00MAJFFA	15.8	30	33	27
10	3/8"	ANSI B1.20.3	3/8"-18 NPTF	U00MBJFFB	18.97	35.5	39	32

All Dimensions are in mm
 These dimensions are for reference only & may change as per design modification

Thread Standard Details



ANSI B1.20.3



ANSI B1.20.3

DUST CAP – MALE FOR SCREW JACK (BALL & POPPET) COUPLING



SIZE		MATERIAL	COLOUR	PART NO.
mm	inch			
6.3	1/4"	ALUMINIUM + STEEL	----	U88MAJAL
10	3/8"	ALUMINIUM + STEEL	----	U88MBJAL

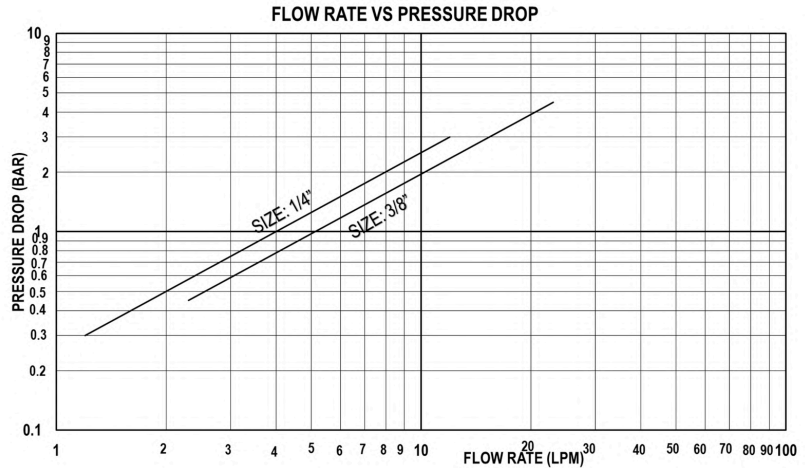
DUST CAP (2 in 1) – MALE & FEMALE FOR SCREW JACK (BALL & POPPET) COUPLING



SIZE		MATERIAL	COLOUR	PART NO.
mm	inch			
6.3	1/4"	PVC	ORANGE	U03MFAJE-O
10	3/8"	PVC	ORANGE	U03MFBJE-O

High Pressure Screw Male coupling (Ball) for Bolt Tensioners
 High Pressure Screw Male coupling (Poppet) for Power Lifting (Jack) Application

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
Max. working pressure (Bar)	720	720	-	-	-	-	-	-
Burst Pressure (Bar) (Ball)	1440	1440	-	-	-	-	-	-
Burst Pressure (Bar) (Poppet)	2160	2160	-	-	-	-	-	-

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII)



Seals
Nitrile



Valve Style
Ball



Working Temperature
-30°C to +100°C



Connection Under Pressure
Allowed Residual



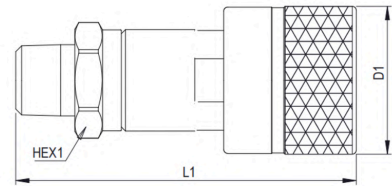
Connection / Disconnection
Screw to Connect
Unscrew to Disconnect

Application



SCREW JACK COUPLING SERIES

High Pressure Screw Male coupling (Ball) for Bolt Tensioners
High Pressure Screw Male coupling (Poppet) for Power Lifting (Jack) Application



SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD (MALE)	PART NO.	D1	L1	HEX1
6.3	1/4"	ISO 1179-3	1/4" BSP	U00FAJBMBA	29	58.3	21
6.3	1/4"	ANSI B1.20.3	1/4"-18 NPTF	U00FAJBMFA	29	60.1	21
6.3	1/4"	ANSI B1.20.3	1/8"-27 NPTF	U00FAJBMFZ	29	57.4	21
10	3/8"	ANSI B1.20.3	3/8"-18 NPTF	U00FBJBMFB	36.1	72	25.4

All Dimensions are in mm

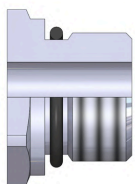
These dimensions are for reference only & may change as per design modification

SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD	PART NO.	D1	L1	HEX1
6.3	1/4"	ISO 1179-3	1/4" BSP (M)	U00FAJMBA	30	66.7	22
6.3	1/4"	ANSI B1.20.3	1/4"-18 NPTF (M)	U00FAJMFA	30	68.5	22
6.3	1/4"	ANSI B1.20.3	1/4"-18 NPTF (F)	U00FAJFFA	30	66.7	22
10	3/8"	ANSI B1.20.3	3/8"-18 NPTF (M)	U00FBJMFB	36.1	83.6	25

All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details



ISO 1179-3



ANSI B1.20.3

DUST PLUG – FEMALE FOR SCREW JACK (BALL & POPPET) COUPLING



SIZE		MATERIAL	COLOUR	PART NO.
mm	inch			
6.3	1/4"	ALUMINIUM + STEEL	----	U87FAJAL
10	3/8"	ALUMINIUM + STEEL	----	U87FBJAL

DUST CAP (2 in 1) – MALE & FEMALE FOR SCREW JACK (BALL & POPPET) COUPLING



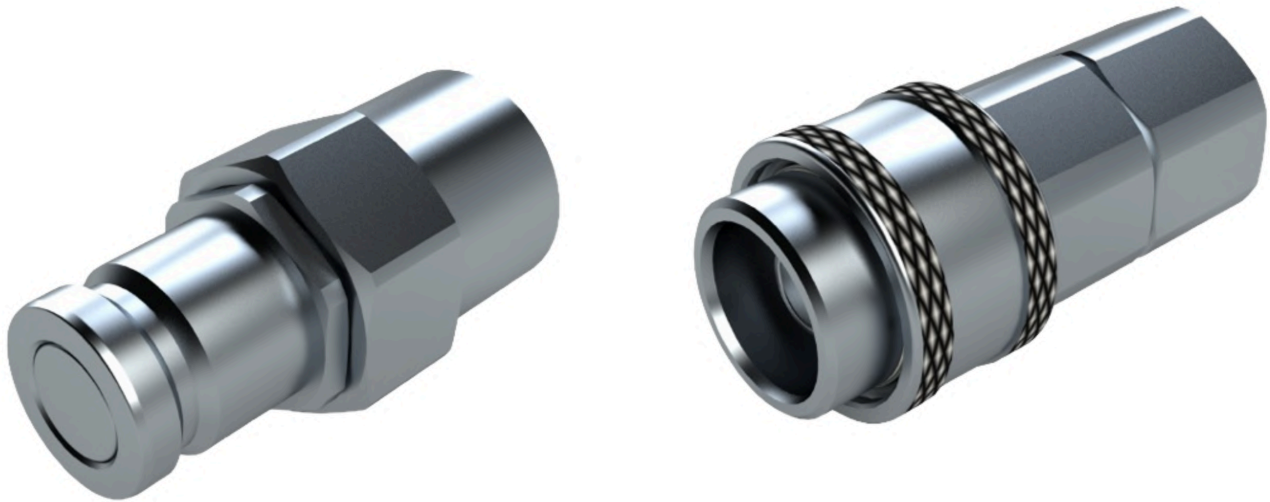
SIZE		MATERIAL	COLOUR	PART NO.
mm	inch			
6.3	1/4"	PVC	ORANGE	U03MFAJE-O
10	3/8"	PVC	ORANGE	U03MFBJE-O

O RING WITH BACKUP RING – FEMALE FOR SCREW JACK COUPLING (BALL)SERIES



SIZE		MATERIAL		PART NO.	SEAL KIT
mm	inch	O RING	BACKUP RING		
6.3	1/4"	NITRILE	PTFE	SK J 6.3	O RING + BACKUP RING
10	3/8"	NITRILE	PTFE	SK J 10	O RING + BACKUP RING

**Special Flat Face Couplings for higher pressure requirements
Widely used in Steel Plants, Zero Spillage**



Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 ¼"	1 ½"	2"
Max. working pressure (Bar)	-	-	689	-	-	-	-	-
Burst Pressure (Bar) Min.	-	-	1379	-	-	-	-	-

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII)



Seals
Nitrile & Viton



Valve Style
Flat Face



Working Temperature
-30°C to +100°C (N)
-40°C to +220°C (V)

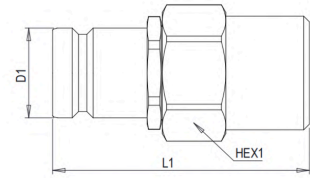


Connection Under Pressure
Not Allowed

Application



**Special Flat Face Couplings for higher pressure requirements
Widely used in Steel Plants, Zero Spillage**

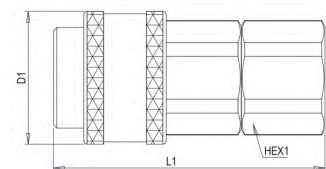


SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD (FEMALE)	PART NO.	D1	L1	HEX1
12.5	1/2"	ISO 1179-1	1/2" BSP	U00MCZFBC	23.68	67.9	32
12.5	1/2"	ISO 1179-1	1/2" BSP	U00MCZFBCV	23.68	67.9	32

All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

**Special Flat Face Couplings for higher pressure requirements
Widely used in Steel Plants, Zero Spillage**

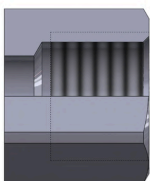


SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD (FEMALE)	PART NO.	D1	L1	HEX1
12.5	1/2"	ISO 1179-1	1/2" BSP	U00FCZFBC	39.6	82.4	32
12.5	1/2"	ISO 1179-1	1/2" BSP	U00FCZFBCV	39.6	82.4	32

All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details



ISO 1179-1

**Special series f couplings, used for extreme pressure applications
Widely used in jacks and bolt tightening applications, with safety sleeve**



Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	1500	-	-	-	-	-	-	-
Burst Pressure (Bar) Min.	3000	-	-	-	-	-	-	-

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII)



Seals
Nitrile



Valve Style
Poppet



Working Temperature
-30°C to +100°C

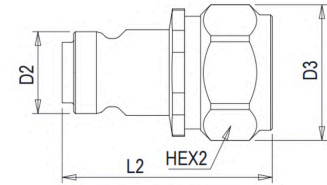


Connection Under Pressure
Not Allowed

Application

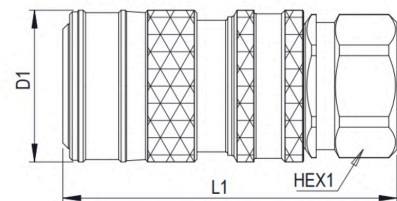


**Special series f couplings, used for extreme pressure applications
Widely used in jacks and bolt tightening applications, with safety sleeve**



SIZE		THREAD DETAILS			DIMENSIONS			
mm	inch	STANDARD	THREAD (FEMALE)	PART NO.	D2	D3	L2	HEX2
6.3	1/4"	ISO 1179-1	1/4" BSP	U00MAYFBA	14.9	24.7	38.1	22
6.3	1/4"	ANSI B1.20.3	1/4" NPTF	U00MAYFFA	14.9	24.7	39	22

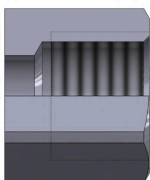
All Dimensions are in mm
These dimensions are for reference only & may change as per design modification



SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD (FEMALE)	PART NO.	D1	L1	HEX1
6.3	1/4"	ISO 1179-1	1/4" BSP	U00FAYFBA	28	61.7	24
6.3	1/4"	ANSI B1.20.3	1/4" NPTF	U00FAYFFA	28	59.3	24

All Dimensions are in mm
These dimensions are for reference only & may change as per design modification

Thread Standard Details



ISO 1179-1 & ANSI B1.20.3

HP Coupling used for high pressure, Moulding Industry Application



Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 ¼"	1 ½"	2"
Max. working pressure (Bar)	-	700	-	-	-	-	-	-
Burst Pressure (Bar) Min.	-	2300	-	-	-	-	-	-

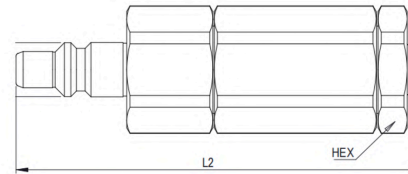
Product Details

- Material
Carbon Steel
- Surface Treatment
Zinc Plating (CrIII)
- Seals
Vulkollan (PU)
- Valve Style
Poppet
- Working Temperature
-30°C to +100°C
- Connection Under Pressure
Not Allowed

Application

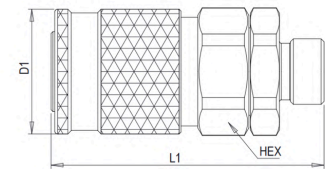


HP006 Coupling used for high pressure



SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD (MALE)	PART NO.	D2	L2	HEX
6.3	1/4"	ISO 8434-1L	M16x1.5P	U00MHP6MMFR0	14.8	119	32
6.3	1/4"	ISO 8434-1L	M18x1.5P	U00MHP6MMGR0	14.8	119	32
6.3	1/4"	ISO 8434-1L	M18x1.5P	U00MHP6MMGSLR0	14.8	74.8	32

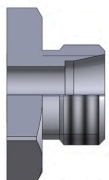
All Dimensions are in mm
 These dimensions are for reference only & may change as per design modification



SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD (MALE)	PART NO.	D1	L1	HEX
6.3	1/4"	ISO 8434-1L	M16x1.5P	U00FHP6MMFR0	34.2	73.6	32
6.3	1/4"	ISO 8434-1L	M18x1.5P	U00FHP6MMGR0	34.2	73.6	32

All Dimensions are in mm
 These dimensions are for reference only & may change as per design modification

Thread Standard Details



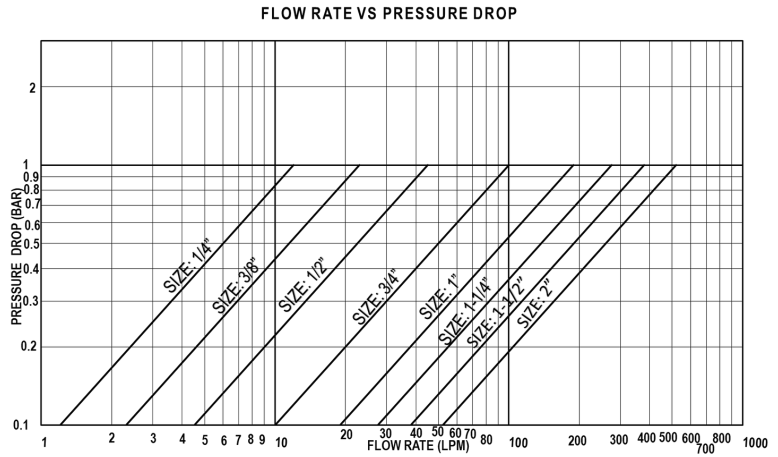
ISO 8434-1(L)

HIGH FLOW COUPLING SERIES - MALE



High flow coupling used for Agriculture, Gas meters, Drill clamps, chemical plants, loading arms & Production lines

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	448	310	276	241	138	121	103	103
Burst Pressure (Bar) Min.	1400	1800	1000	760	600	500	450	--

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII)



Seals
Nitrile



Valve Style
Poppet



Working Temperature
-30°C to +100°C



Connection Under Pressure
Not Allowed



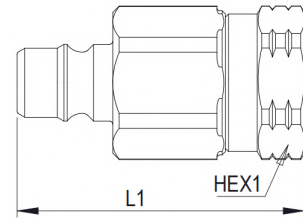
Connection / Disconnection
Sleeve Retraction

Application



HIGH FLOW COUPLING SERIES - MALE

High flow coupling used for Agriculture, Gas meters, Drill clamps, chemical plants, loading arms & Production lines

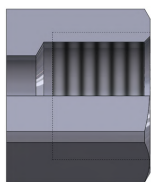


SIZE		THREAD DETAILS			DIMENSIONS	
mm	inch	STANDARD	THREAD (FEMALE)	PART NO.	L1	HEX1
6.3	1/4"	ISO 1179-1	1/4" BSP	U00MAQFBA	40.3	22.3
6.3	1/4"	ISO 7-1	1/4" BSPT	U00MAQFTA	40.3	22.3
6.3	1/4"	ANSI B1.20.3	1/4"-18 NPTF	U00MAQFFA	40.3	22.3
10	3/8"	ISO 1179-1	3/8" BSP	U00MBQFBB	46.7	25.4
10	3/8"	ISO 7-1	3/8" BSPT	U00MBQFTB	46.7	25.4
10	3/8"	ANSI B1.20.3	3/8"-18 NPTF	U00MBQFFB	46.7	25.4
12.5	1/2"	ISO 1179-1	1/2" BSP	U00MCQFBC	51.8	30.2
12.5	1/2"	ISO 7-1	1/2" BSPT	U00MCQFTC	51.8	30.2
12.5	1/2"	ANSI B1.20.3	1/2"-14 NPTF	U00MCQFFC	51.8	30.2
20	3/4"	ISO 1179-1	3/4" BSP	U00MDQFBE	59.6	38
20	3/4"	ISO 7-1	3/4" BSPT	U00MDQFTE	59.6	38
20	3/4"	ANSI B1.20.3	3/4"-14 NPTF	U00MDQFFE	59.6	38
25	1"	ISO 1179-1	1" BSP	U00MEQFBF	64.7	47.7
25	1"	ISO 7-1	1" BSPT	U00MEQFTF	64.7	47.7
25	1"	ANSI B1.20.3	1"-11 1/2 NPTF	U00MEQFFF	64.7	47.7
31.5	1 1/4"	ISO 1179-1	1 1/4" BSP	U00MFQFBG	86.6	50.8
31.5	1 1/4"	ISO 7-1	1 1/4" BSPT	U00MFQFTG	86.6	50.8
31.5	1 1/4"	ANSI B1.20.3	1 1/4"-11 1/2 NPTF	U00MFQFFG	86.6	50.8
40	1 1/2"	ISO 1179-1	1 1/2" BSP	U00MGQFBH	78.9	63.5
40	1 1/2"	ISO 7-1	1 1/2" BSPT	U00MGQFTH	78.9	63.5
40	1 1/2"	ANSI B1.20.3	1 1/2"-11 1/2 NPTF	U00MGQFFH	78.9	63.5
50	2"	ISO 1179-1	2" BSP	U00MHQFBI	91.2	88.9
50	2"	ISO 7-1	2" BSPT	U00MHQFTI	91.2	88.9
50	2"	ANSI B1.20.3	2"-11 1/2 NPTF	U00MHQFFI	91.2	88.9

All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details

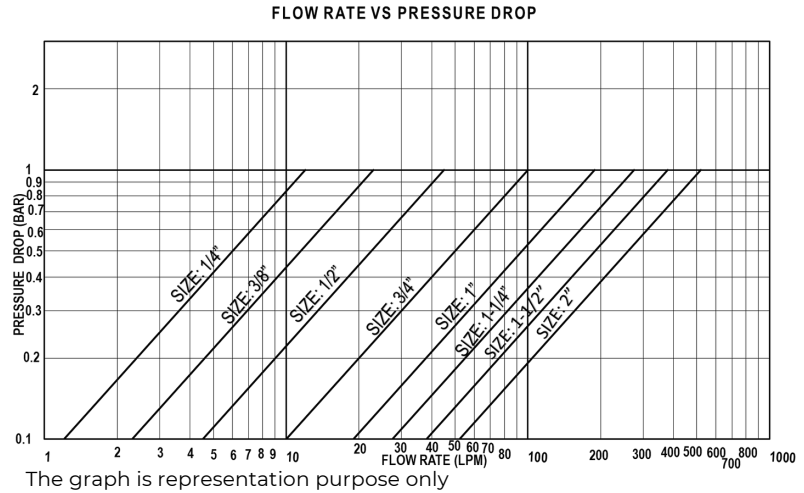


ISO 1179-1, ISO 7-1,
ANSI B1.20.3

HIGH FLOW COUPLING SERIES - FEMALE

High flow coupling used for Agriculture, Gas meters, Drill clamps, chemical plants, loading arms & Production lines

Pressure characteristic



Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	448	310	276	241	138	121	103	103
Burst Pressure (Bar) Min.	1400	1800	1000	760	600	500	450	--

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII)



Seals
Nitrile



Valve Style
Poppet



Working Temperature
-30°C to +100°C



Connection Under Pressure
Not Allowed



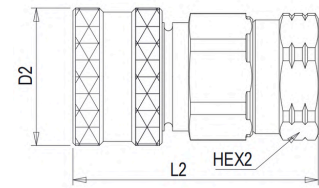
Connection / Disconnection
Sleeve Retraction

Application



HIGH FLOW COUPLING SERIES - FEMALE

High flow coupling used for Agriculture, Gas meters, Drill clamps, chemical plants, loading arms & Production lines

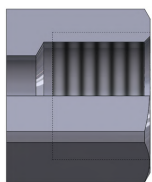


SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD (FEMALE)	PART NO.	D2	L2	HEX2
6.3	1/4"	ISO 1179-1	1/4" BSP	U00FAQFBA	25.4	43.9	22.3
6.3	1/4"	ISO 7-1	1/4" BSPT	U00FAQFTA	25.4	43.9	22.3
6.3	1/4"	ANSI B1.20.3	1/4"-18 NPTF	U00FAQFFA	25.4	43.9	22.3
10	3/8"	ISO 1179-1	3/8" BSP	U00FBQFBB	30.2	48.2	25.4
10	3/8"	ISO 7-1	3/8" BSPT	U00FBQFTB	30.2	48.2	25.4
10	3/8"	ANSI B1.20.3	3/8"-18 NPTF	U00FBQFFB	30.2	48.2	25.4
12.5	1/2"	ISO 1179-1	1/2" BSP	U00FCQFBC	35.3	54.6	30.2
12.5	1/2"	ISO 7-1	1/2" BSPT	U00FCQFTC	35.3	54.6	30.2
12.5	1/2"	ANSI B1.20.3	1/2"-14 NPTF	U00FCQFFC	35.3	54.6	30.2
20	3/4"	ISO 1179-1	3/4" BSP	U00FDQFBE	41.4	62.9	38
20	3/4"	ISO 7-1	3/4" BSPT	U00FDQFTE	41.4	62.9	38
20	3/4"	ANSI B1.20.3	3/4"-14 NPTF	U00FDQFFE	41.4	62.9	38
25	1"	ISO 1179-1	1" BSP	U00FEQFBF	50.8	67.8	47.7
25	1"	ISO 7-1	1" BSPT	U00FEQFTF	50.8	67.8	47.7
25	1"	ANSI B1.20.3	1"-11 1/2 NPTF	U00FEQFFF	50.8	67.8	47.7
31.5	1 1/4"	ISO 1179-1	1 1/4" BSP	U00FFQFBBG	55.6	89.9	50.8
31.5	1 1/4"	ISO 7-1	1 1/4" BSPT	U00FFQFTG	55.6	89.9	50.8
31.5	1 1/4"	ANSI B1.20.3	1 1/4"-11 1/2 NPTF	U00FFQFFG	55.6	89.9	50.8
40	1 1/2"	ISO 1179-1	1 1/2" BSP	U00FGQFBH	69.8	83	63.5
40	1 1/2"	ISO 7-1	1 1/2" BSPT	U00FGQFTH	69.8	83	63.5
40	1 1/2"	ANSI B1.20.3	1 1/2"-11 1/2 NPTF	U00FGQFFH	69.8	83	63.5
50	2"	ISO 1179-1	2" BSP	U00FHQFBI	88.9	99.5	88.9
50	2"	ISO 7-1	2" BSPT	U00FHQFTI	88.9	99.5	88.9
50	2"	ANSI B1.20.3	2"-11 1/2 NPTF	U00FHQFFI	88.9	99.5	88.9

All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

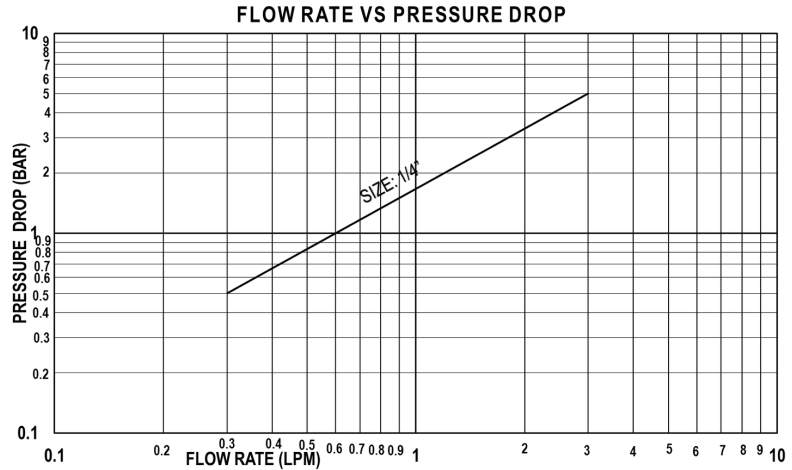
Thread Standard Details



ISO 1179-1, ISO 7-1,
ANSI B1.20.3

Special Diagnostic Couplings, Confirms ISO 15171 - 1 Diagnostic Application

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	470	-	-	-	-	-	-	-
Burst Pressure (Bar) Min.	1900	-	-	-	-	-	-	-

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII)



Seals
Nitrile



Valve Style
Poppet



Working Temperature
-30°C to +100°C



Connection Under Pressure
Not Allowed



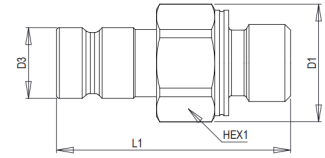
Connection / Disconnection
Sleeve Retraction

Application



DIAGNOSTIC COUPLING SERIES - MALE

Special Diagnostic Couplings, Confirms ISO 15171 - 1 Diagnostic Application

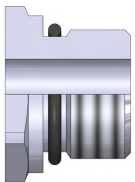


SIZE		THREAD DETAILS			DIMENSIONS			
mm	inch	STANDARD	THREAD	PART NO.	D1	D3	L1	HEX1
6.3	1/4"	ISO 1179-2	1/8" BSP (M)	U00MANMBZW	19	12.55	40.8	17
6.3	1/4"	ANSI.B1.20.3	1/8"-27 NPTF (M)	U00MANMFZ	19	12.55	40.9	17
6.3	1/4"	ANSI.B1.20.3	1/8"-27 NPTF (F)	U00MANFFZ	19	12.55	36.1	17
6.3	1/4"	ISO 1179-3	1/4" BSP (M)	U00MANMBA	21	12.55	44.9	19
6.3	1/4"	ANSI.B1.20.3	1/4"-18 NPTF (F)	U00MANFFA	21	12.55	40	19
6.3	1/4"	ISO 8434-3	11/16"-16 UN (F)	U00MANFUWF	24	12.55	35.4	22
6.3	1/4"	ISO 8434-3	13/16"-16 UN (F)	U00MANFUJF	26	12.55	39.1	24
6.3	1/4"	ISO 8434-2	9/16"-18 UNF (F)	U00MANFUA2J	21	12.55	38.1	19
6.3	1/4"	ISO 8434-3	9/16"-18 UNF (F)	U00MANFUA2F	19	12.55	40.6	17
6.3	1/4"	ISO 6149-2	M14x1.5P (M)	U00MANMME	21	12.55	42.1	19
6.3	1/4"	ISO 6149-2	M12x1.5P (M)	U00MANMMD	21	12.55	44.8	19
6.3	1/4"	ISO 8434-2	9/16"-18 UNF (M)	U00MANMUA2	21	12.55	41.1	19
6.3	1/4"	ISO 8434-3	9/16"-18 UNF (M)	U00MANMUA2BF	21	12.55	62.2	19
6.3	1/4"	ISO 11926-3	1/2"-20 UNF (M)	U00MANMUTO	21	12.55	36.1	19
6.3	1/4"	ISO 11926-3	9/16"-18 UNF (M)	U00MANMUA2O	19	12.55	37.1	17
6.3	1/4"	ISO 11926-3	3/8"-24 UNF (M)	U00MANMUB3O	19	12.55	38.9	17
6.3	1/4"	ISO 6149-2	M18x1.5P (M)	U00MANMMG	27	12.55	44.1	24
6.3	1/4"	ISO 11926-3	7/16"-20 UNF (M)	U00MANMUA6O	19	12.55	40.5	17
6.3	1/4"	ISO 11926-3	3/4"-16 UNF (M)	U00MANMUNO	27	12.55	42.5	24
6.3	1/4"	ISO 11926-1	9/16"-18 UNF (F)	U00MANFUA2	19	12.55	37	17
6.3	1/4"	ISO 11926-1	7/16"-20 UNF (F)	U00MANFUA6	21	12.55	42	19

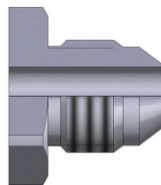
All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

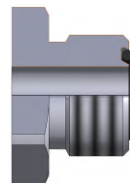
Thread Standard Details



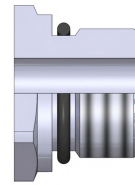
ISO 11926-3 & ISO 6149-2



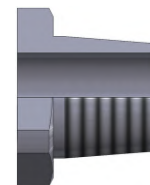
ISO 8434-2



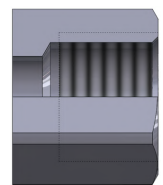
ISO 8434-3



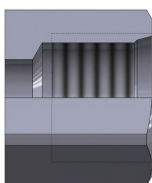
ISO 1179-3



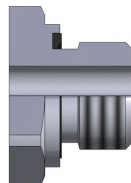
ANSI B1.20.3



ANSI B1.20.3



ISO 11926-1



ISO 1179-2

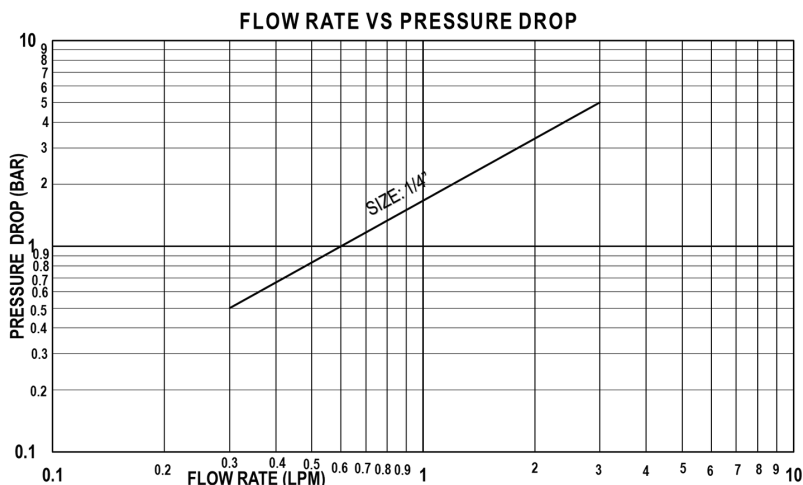
DUST CAP – MALE FOR DIAGNOSTIC SERIES



SIZE		MATERIAL	COLOUR	PART NO.
mm	inch			
6.3	1/4"	PVC	RED	U88MANE-R
6.3	1/4"	PVC	BLUE	U88MANE-BU
6.3	1/4"	PVC	BLACK	U88MANE-BL
6.3	1/4"	PVC	GREEN	U88MANE-G
6.3	1/4"	PVC	YELLOW	U88MANE-Y
6.3	1/4"	PVC	BROWN	U88MANE-BR

Special Diagnostic Couplings, Confirms ISO 15171 - 1 Diagnostic Application

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	470	-	-	-	-	-	-	-
Burst Pressure (Bar) Min.	1900	-	-	-	-	-	-	-

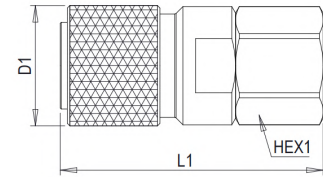
Product Details

- Material
Carbon Steel
- Surface Treatment
Zinc Plating (CrIII)
- Seals
Nitrile
- Valve Style
Poppet
- Working Temperature
-30°C to +100°C
- Connection Under Pressure
Not Allowed
- Connection / Disconnection
Sleeve Retraction

Application



Special Diagnostic Couplings, Confirms ISO 15171 - 1 Diagnostic Application

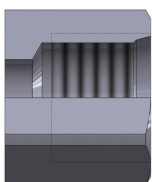


SIZE		THREAD DETAILS			DIMENSIONS		
mm	inch	STANDARD	THREAD	PART NO.	D1	L1	HEX1
6.3	1/4"	ISO 6149-1	M14x1.5P (F)	U00FANFMEO	24	51.5	21
6.3	1/4"	ISO 11926-1	9/16"-18 UNF (F)	U00FANFUA2	23.5	54	21
6.3	1/4"	ISO 11926-1	7/16"-20 UNF (F)	U00FANFUA6	23.5	54	21
6.3	1/4"	ISO 1179-1	1/4" BSP (F)	U00FANFBA	24	52.5	21
6.3	1/4"	ANSI B1.20.3	1/4" NPTF (M)	U00FANMFA	24	56	21
6.3	1/4"	ANSI B1.20.3	1/8"-27 NPTF (M)	U00FANMFZ	24	42	21
6.3	1/4"	ANSI B1.20.3	1/4" NPTF (F)	U00FANFFA	24	50	21

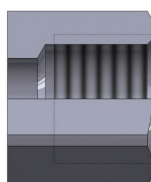
All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

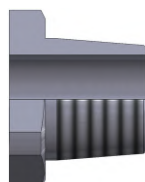
Thread Standard Details



ISO 11926-1 & ISO 6149-1



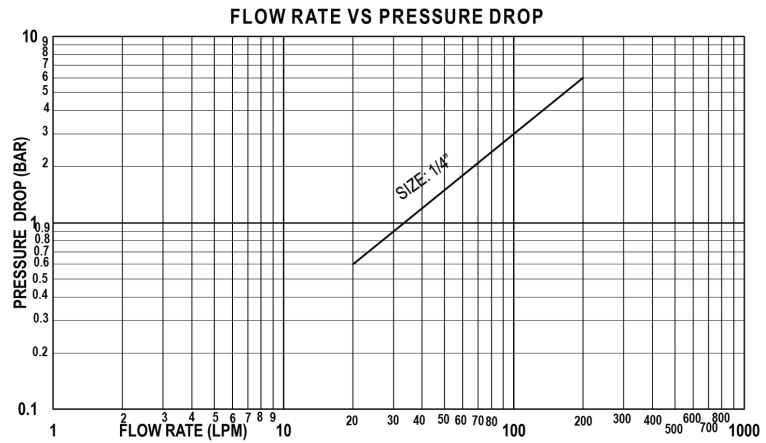
ISO 1179-1 & ANSI B1.20.3



ANSI B1.20.3

Couplings for Diagnostic Application, Confirms to ISO 15171-2, Connect Under Pressure

Pressure characteristic



The graph is representation purpose only

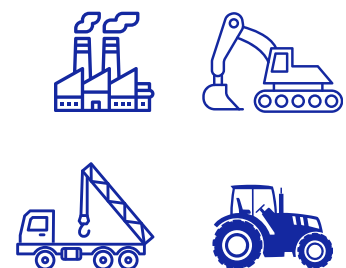
Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	630	-	-	-	-	-	-	-
Burst Pressure (Bar) Min.	2500	-	-	-	-	-	-	-

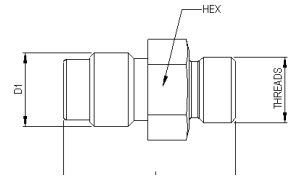
Product Details

- Material: Carbon Steel
- Surface Treatment: Zinc Plating (CrIII)
- Seals: Nitrile
- Valve Style: Flat, Ball
- Working Temperature: -30°C to +100°C
- Connection Under Pressure: Allowed Upto 400 Bar
- Connection / Disconnection: Screw to connect/ Unscrew to Disconnect

Application



Couplings for Diagnostic Application, Confirms to ISO 15171-2, Connect Under Pressure

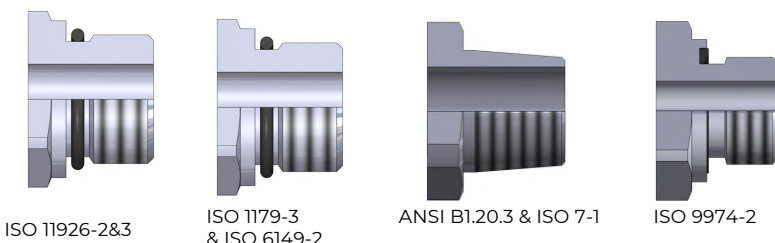


SIZE		THREAD DETAILS		PART NO.		DIMENSIONS		
mm	inch	STANDARD	THREAD	BALL TYPE	POPPET TYPE	D1	L1	HEX1
6.3	1/4"	ISO 6149-2	M8x1	M162-BN-M8X1	M162-N-M8X1	M16x2	35	17
6.3	1/4"	ISO 6149-2	M10x1	M162-BN-M10X1	M162-N-M10X1	M16x2	36.5	17
6.3	1/4"	ISO 6149-2	M10x1	M162-BN-M10X1	M162-N-M10X1	M16x2	36.5	17
6.3	1/4"	ISO 6149-2	M12x1.5	M162-BN-M12X1.5	M162-N-M12X1.5	M16x2	38	17
6.3	1/4"	ISO 6149-2	M14x1.5	M162-BN-M14X1.5	M162-N-M14X1.5	M16x2	38	19
6.3	1/4"	ISO 6149-2	M16x1.5	M162-BN-M16X1.5	M162-N-M16X1.5	M16x2	39.5	22
6.3	1/4"	ISO 1179-3	G1/8	M162-BN-G1/8	M162-N-G1/8	M16x2	37	17
6.3	1/4"	ISO 1179-3	G1/4	M162-BN-G1/4	M162-N-G1/4	M16x2	37	19
6.3	1/4"	ISO 1179-3	G3/8	M162-BN-G3/8	M162-N-G3/8	M16x2	38	22
6.3	1/4"	ISO 9974-2	M10x1	M162-BN-M10X1	M162-N-M10X1	M16x2	35	17
6.3	1/4"	ISO 9974-2	M12x1.5	M162-BN-M12X1.5	M162-N-M12X1.5	M16x2	39	17
6.3	1/4"	ISO 9974-2	M14x1.5	M162-BN-M14X1.5	M162-N-M14X1.5	M16x2	39	19
6.3	1/4"	ISO 9974-2	M16x1.5	M162-BN-M16X1.5	M162-N-M16X1.5	M16x2	39	22
6.3	1/4"	ISO 1179-2	G1/8	M162-BN-G1/8	M162-N-G1/8	M16x2	35	17
6.3	1/4"	ISO 1179-2	G1/4	M162-BN-G1/4	M162-N-G1/4	M16x2	39	19
6.3	1/4"	ISO 1179-2	G3/8	M162-BN-G3/8	M162-N-G3/8	M16x2	39	22
6.3	1/4"	ISO 1179-2	G1/2	M162-BN-G1/2	M162-N-G1/2	M16x2	41	27
6.3	1/4"	ISO 7-1	1/8" BSPT	M162-BN-1/8BSPT	M162-N-1/8BSPT	M16x2	35	17
6.3	1/4"	ISO 7-1	1/4" BSPT	M162-BN-1/4BSPT	M162-N-1/4BSPT	M16x2	39	17
6.3	1/4"	ANSI B1.20.3	1/8" NPTF	M162-BN-1/8NPTF	M162-N-1/8NPTF	M16x2	37	17
6.3	1/4"	ANSI B1.20.3	1/4" NPTF	M162-BN-1/4NPTF	M162-N-1/4NPTF	M16x2	42	17
6.3	1/4"	ISO 11926-2	5/16"-24 UNF	M162-BN-5/16UNF	M162-N-5/16UNF	M16x2	36	17
6.3	1/4"	ISO 11926-2	7/16"-20 UNF	M162-BN-7/16UNF	M162-N-7/16UNF	M16x2	38	17
6.3	1/4"	ISO 11926-2	1/2"-20 UNF	M162-BN-1/2-20UNF	M162-N-1/2-20UNF	M16x2	37	17
6.3	1/4"	ISO 11926-2	9/16"-18 UNF	M162-BN-9/16-18UNF	M162-N-9/16-18UNF	M16x2	37	19
6.3	1/4"	ISO 11926-2	3/4"-16 UNF	M162-BN-3/4-16UNF	M162-N-3/4-16UNF	M16x2	39	19
6.3	1/4"	ISO 6149-2	M10x1	M162-BN-M10X1	M162-N-M10X1	M16x2	35	17
6.3	1/4"	ISO 6149-2	M12x1.5	M162-BN-M12X1.5	M162-N-M12X1.5	M16x2	39	17
6.3	1/4"	ISO 6149-2	M14x1.5	M162-BN-M14X1.5	M162-N-M14X1.5	M16x2	39	19

All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details



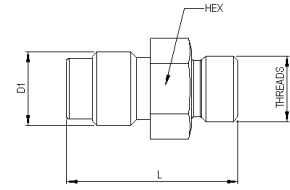
ISO 11926-2&3

ISO 1179-3
& ISO 6149-2

ANSI B1.20.3 & ISO 7-1

ISO 9974-2

Couplings for Diagnostic Application, Confirms to ISO 15171-2, Connect Under Pressure

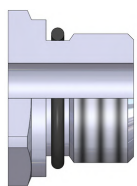


SIZE		THREAD DETAILS		PART NO.		DIMENSIONS		
mm	inch	STANDARD	THREAD	BALL TYPE	POPPET TYPE	D1	L1	HEX1
6.3	1/4"	ISO 6149-2	M8 x 1	S12-BN-M8X1	S12-N-M8X1	S12.65x1.5	35	17
6.3	1/4"	ISO 6149-2	M10 x 1	S12-BN-M10X1	S12-N-M10X1	S12.65x1.5	36.5	17
6.3	1/4"	ISO 6149-2	M12 x 1.5	S12-BN-M12X1.5	S12-N-M12X1.5	S12.65x1.5	38	17
6.3	1/4"	ISO 6149-2	M14 x 1.5	S12-BN-M14X1.5	S12-N-M14X1.5	S12.65x1.5	38	19
6.3	1/4"	ISO 6149-2	M16 x 1.5	S12-BN-M16X1.5	S12-N-M16X1.5	S12.65x1.5	39.5	22
6.3	1/4"	ISO 1179-3	G1/4	S12-BN-G1/4	S12-N-G1/4	S12.65x1.5	39	19
6.3	1/4"	ISO 1179-3	G3/8	S12-BN-G3/8	S12-N-G3/8	S12.65x1.5	39	22
6.3	1/4"	ISO 9974-2	M12 x 1.5	S12-BN-M12X1.5	S12-N-M12X1.5	S12.65x1.5	39	17
6.3	1/4"	ISO 1179-2	G1/8	S12-BN-G1/8	S12-N-G1/8	S12.65x1.5	35	17
6.3	1/4"	ISO 1179-2	G1/4	S12-BN-G1/4	S12-N-G1/4	S12.65x1.5	39	19
6.3	1/4"	ISO 7-1	1/8" BSPT	S12-BN-1/8BSPT	S12-N-1/8BSPT	S12.65x1.5	35	17
6.3	1/4"	ISO 7-1	1/4" BSPT	S12-BN-1/4BSPT	S12-N-1/4BSPT	S12.65x1.5	39	17
6.3	1/4"	ANSI B1.20.3	1/8" NPTF	S12-BN-1/8NPTF	S12-N-1/8NPTF	S12.65x1.5	37	17
6.3	1/4"	ANSI B1.20.3	1/4" NPTF	S12-BN-1/4NPTF	S12-N-1/4NPTF	S12.65x1.5	42	17
6.3	1/4"	ISO 11926-2	5/16"-24 UNF	S12-BN-5/16UNF	S12-N-5/16UNF	S12.65x1.5	36	17
6.3	1/4"	ISO 11926-2	7/16"-20 UNF	S12-BN-7/16UNF	S12-N-7/16UNF	S12.65x1.5	38	17
6.3	1/4"	ISO 11926-2	1/2"-20 UNF	S12-BN-1/2-20UNF	S12-N-1/2-20UNF	S12.65x1.5	37	17
6.3	1/4"	ISO 11926-2	9/16"-18 UNF	S12-BN-9/16-18UNF	S12-N-9/16-18UNF	S12.65x1.5	37	19
6.3	1/4"	ISO 6149-2	M12 x 1.5	S12-BN-M12X1.5	S12-N-M12X1.5	S12.65x1.5	39	17

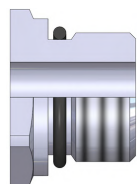
All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

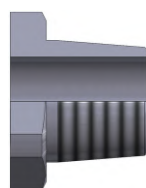
Thread Standard Details



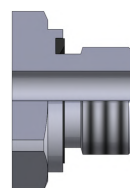
ISO 11926-2&3



ISO 1179-3
& ISO 6149-2

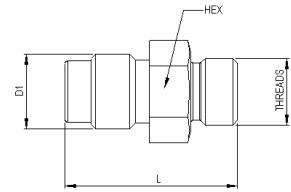


ANSI B1.20.3 & ISO
7-1



ISO 9974-2

Couplings for Diagnostic Application, Confirms to ISO 15171-2, Connect Under Pressure

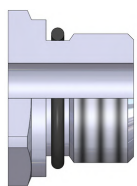


SIZE		THREAD DETAILS		PART NO.		DIMENSIONS		
mm	inch	STANDARD	THREAD	BALL TYPE	POPPET TYPE	D1	L1	HEX1
6.3	1/4"	ISO 6149-2	M10 x 1	M161.5-BN-M10X1	M161.5-N-M10X1	M16x1.5P	36.5	17
6.3	1/4"	ISO 6149-2	M14x1.5	M161.5-BN-M14X1.5	M161.5-N-M14X1.5	M16x1.5P	38	19
6.3	1/4"	ISO 6149-2	M16x1.5	M161.5-BN-M16X1.5	M161.5-N-M16X1.5	M16x1.5P	39.5	22
6.3	1/4"	ISO 1179-3	G1/8	M161.5-BN-G1/8	M161.5-N-G1/8	M16x1.5P	37	17
6.3	1/4"	ISO 1179-3	G1/4	M161.5-BN-G1/4	M161.5-N-G1/4	M16x1.5P	37	19
6.3	1/4"	ISO 1179-3	G3/8	M161.5-BN-G3/8	M161.5-N-G3/8	M16x1.5P	38	22
6.3	1/4"	ISO 9974-2	M12x1.5	M161.5-BN-M12X1.5	M161.5-N-M12X1.5	M16x1.5P	39	17
6.3	1/4"	ISO 9974-2	M14x1.5	M161.5-BN-M14X1.5	M161.5-N-M14X1.5	M16x1.5P	39	19
6.3	1/4"	ISO 9974-2	M16x1.5	M161.5-BN-M16X1.5	M161.5-N-M16X1.5	M16x1.5P	39	22
6.3	1/4"	ISO 1179-2	G1/8	M161.5-BN-G1/8	M161.5-N-G1/8	M16x1.5P	35	17
6.3	1/4"	ISO 1179-2	G1/4	M161.5-BN-G1/4	M161.5-N-G1/4	M16x1.5P	39	19
6.3	1/4"	ISO 1179-3	1/8" BSPP	M161.5-BN-1/8BSPP	M161.5-N-1/8BSPP	M16x1.5P	35	17
6.3	1/4"	ISO 1179-3	1/4" BSPP	M161.5-BN-1/4BSPP	M161.5-N-1/4BSPP	M16x1.5P	39	17
6.3	1/4"	ANSI B1.20.3	1/8" NPTF	M161.5-BN-1/8NPTF	M161.5-N-1/8NPTF	M16x1.5P	37	17
6.3	1/4"	ANSI B1.20.3	1/4" NPTF	M161.5-BN-1/4NPTF	M161.5-N-1/4NPTF	M16x1.5P	42	17
6.3	1/4"	ISO 11926-2	7/16"-20 UNF	M161.5-BN-7/16UNF	M161.5-N-7/16UNF	M16x1.5P	38	17
6.3	1/4"	ISO 11926-2	9/16"-18 UNF	M161.5-BN-9/16-18UNF	M161.5-N-9/16-18UNF	M16x1.5P	37	19
6.3	1/4"	ISO 6149-2	M14x1.5	M161.5-BN-M14X1.5	M161.5-N-M14X1.5	M16x1.5P	39	19

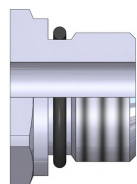
All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

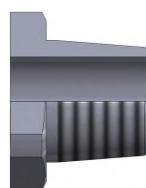
Thread Standard Details



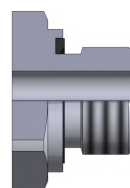
ISO 11926-2&3



ISO 1179-3
& ISO 6149-2

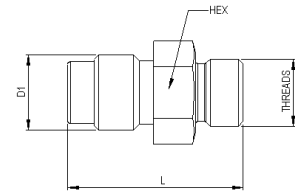


ANSI B1.20.3 & ISO 7-1



ISO 9974-2

Couplings for Diagnostic Application, Confirms to ISO 15171-2, Connect Under Pressure

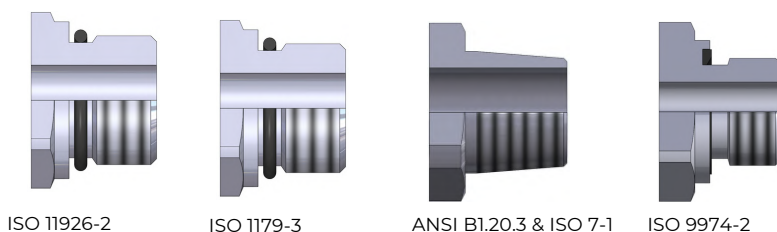


SIZE		THREAD DETAILS		PART NO.		DIMENSIONS		
mm	inch	STANDARD	THREAD	BALL TYPE	POPPET TYPE	D1	L1	HEX1
6.3	1/4"	ANSI B1.20.3	1/8" NPTF	58BSF-BN-1/8NPTF	58BSF-BN-1/8NPTF	5/8" BSF	37	19
6.3	1/4"	ANSI B1.20.3	1/4" NPTF	58BSF-BN-1/4NPTF	58BSF-N-1/4NPTF	5/8" BSF	41.3	19
6.3	1/4"	ANSI B1.20.3	3/8" NPTF	58BSF-BN-3/8NPTF	58BSF-N-3/8NPTF	5/8" BSF	41.3	19
6.3	1/4"	ISO 7-1	1/4" BSPT	58BSF-BN-1/4BSPT	58BSF-N-1/4BSPT	5/8" BSF	37	19
6.3	1/4"	ISO 11926-2	7/16"-20 UNF	58BSF-BN-7/6UNF	58BSF-N-7/6UNF	5/8" BSF	36.1	19
6.3	1/4"	ISO 11926-2	9/16"-18 UNF	58BSF-BN-9/16-18UNF	58BSF-N-9/16-18UNF	5/8" BSF	37	19
6.3	1/4"	ISO 11926-2	1/2"-20 UNF	58BSF-BN-1/2-20UNF	58BSF-N-1/2-20UNF	5/8" BSF	37	19
6.3	1/4"	ISO 1179-3	1/4" BSPP	58BSF-BN-1/4BSPP	58BSF-N-1/4BSPP	5/8" BSF	39.7	19
6.3	1/4"	ISO 1179-3	1/8" BSPP	58BSF-BN-1/8BSPP	58BSF-N-1/8BSPP	5/8" BSF	37	17
6.3	1/4"	ISO 1179-3	1/4" BSPP	58BSF-BN-1/4BSPP	58BSF-N-1/4BSPP	5/8" BSF	39.7	19
6.3	1/4"	ISO 1179-3	3/8" BSPP	58BSF-BN-3/8BSPP	58BSF-N-3/8BSPP	5/8" BSF	39.7	22
6.3	1/4"	ISO 9974-2	M10x1P	58BSF-BN-M10X1	58BSF-N-M10X1	5/8" BSF	37	17
6.3	1/4"	ISO 9974-2	M10x1.25P	58BSF-BN-M10X1.25	58BSF-N-M10X1.25	5/8" BSF	37	17
6.3	1/4"	ISO 9974-2	M12x1P	58BSF-BN-M12X1	58BSF-N-M12X1	5/8" BSF	39	19
6.3	1/4"	ISO 9974-2	M12x1.5P	58BSF-BN-M12X1.5	58BSF-N-M12X1.5	5/8" BSF	39	19
6.3	1/4"	ISO 9974-2	M14x1.5P	58BSF-BN-M14X1.5	58BSF-N-M14X1.5	5/8" BSF	39	19
6.3	1/4"	ISO 1179-3	1/4" BSPP	58BSF-BN-1/4BSPP	58BSF-N-1/4BSPP	5/8" BSF	39	19

All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Thread Standard Details



ISO 11926-2

ISO 1179-3

ANSI B1.20.3 & ISO 7-1

ISO 9974-2

CAMLOCK COUPLING SERIES - MALE

Cam & Groove Couplings, Confirms MIL - C - 27487
General Applications



Technical specification

Body size	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"
Max. working pressure (Bar)	18	18	18	18	18	16	14	7	7	7
Burst Pressure (Bar) Min.	-	-	-	-	-	-	-	-	-	-

Product Details



Material
Carbon Steel, Stainless Steel, Aluminium & Bronze



Seals
Nitrile



Working Temperature
-30°C to +100°C



Surface Treatment
Zinc Plating (CrIII)



Valve Style
Poppet



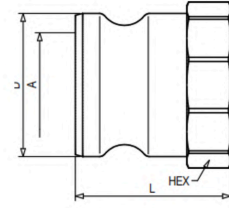
Connection Under Pressure
Not Allowed

Application



CAMLOCK COUPLING (TYPE A) SERIES - MALE

**Cam & Groove Couplings, Confirms MIL - C - 27487
General Applications**

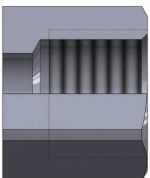


SIZE		THREAD DETAILS			DIMENSIONS			
mm	inch	STANDARD	THREAD (FEMALE)	PART NO.	D	K	L	HEX
20	3/4"	ISO 1179-1	3/4" BSP	CG075A	32.1	21	41	32
20	3/4"	ISO 7-1	3/4" BSPT	CG075ATE	32.1	21	41	32
20	3/4"	ANSI B1.20.1	3/4"-14 NPTF	CG075AFE	32.1	21	41	32
25	1"	ISO 1179-1	1" BSP	CG100A	36.7	24	52	41
25	1"	ISO 7-1	1" BSPT	CG100ATF	36.7	24	52	41
25	1"	ANSI B1.20.1	1"-11 1/2 NPTF	CG100AFF	36.7	24	52	41
31.5	1 1/4"	ISO 1179-1	1 1/4" BSP	CG125A	45.5	28.5	54	48
31.5	1 1/4"	ISO 7-1	1 1/4" BSPT	CG125ATG	45.5	28.5	54	48
31.5	1 1/4"	ANSI B1.20.1	1 1/4"-11 1/2 NPTF	CG125AFG	45.5	28.5	54	48
40	1 1/2"	ISO 1179-1	1 1/2" BSP	CG150A	53.4	36	57	55
40	1 1/2"	ISO 7-1	1 1/2" BSPT	CG150ATH	53.4	36	57	55
40	1 1/2"	ANSI B1.20.1	1 1/2"-11 1/2 NPTF	CG150AFH	53.4	36	57	55
50	2"	ISO 1179-1	2" BSP	CG200A	63	45	62	64.5
50	2"	ISO 7-1	2" BSPT	CG200ATI	63	45	62	64.5
50	2"	ANSI B1.20.1	2"-11 1/2 NPTF	CG200AFI	63	45	62	64.5
--	2 1/2"	ISO 1179-1	2 1/2" BSP	CG250A	75.8	56.5	71	83
--	2 1/2"	ISO 7-1	2 1/2" BSPT	CG250ATQ	75.8	56.5	71	83
--	2 1/2"	ANSI B1.20.1	2 1/2"-NPTF	CG250AFQ	75.8	56.5	71	83
80	3"	ISO 1179-1	3" BSP	CG300A	91.5	73	71	92
80	3"	ISO 7-1	3" BSPT	CG300ATK	91.5	73	71	92
80	3"	ANSI B1.20.1	3"-8 NPTF	CG300AFK	91.5	73	71	92
100	4"	ISO 1179-1	4" BSP	CG400A	119.5	98	82	127
100	4"	ISO 7-1	4" BSPT	CG400ATB6	119.5	98	82	127
--	5"	ISO 1179-1	5" BSP	CG500A	132.5	130	70	155
--	5"	ISO 7-1	5" BSPT	CG500ATB8	132.5	130	70	155
150	6"	ISO 1179-1	6" BSP	CG600A	143.5	150	79	175
150	6"	ISO 7-1	6" BSPT	CG600ATB9	143.5	150	79	175

All Dimensions are in mm

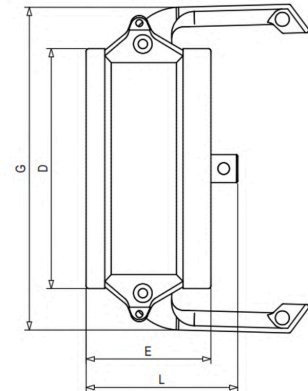
These dimensions are for reference only & may change as per design modification

Thread Standard Details



ISO 1179-1, ISO 7-1 & ANSI B1.20.3

DUST CAP – MALE FOR CAM & GROOVE COUPLINGS

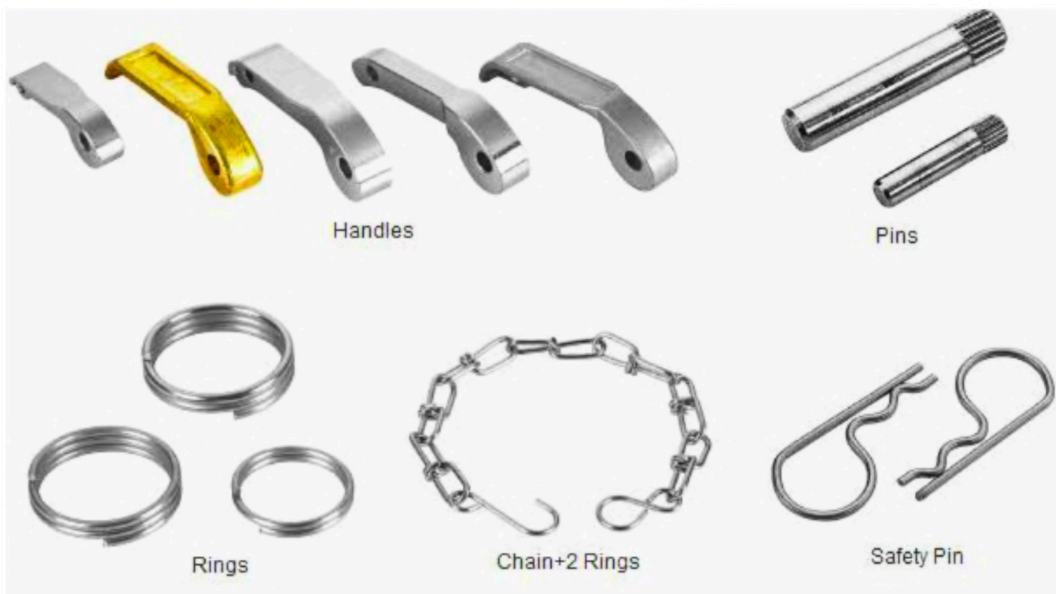


SIZE		THREAD DETAILS		PART NO.	DIMENSIONS			
mm	inch	STANDARD	THREAD		D	G	E	L
20	3/4"	----	----	CG075DC	32.4	53	32	45
25	1"	----	----	CG100DC	37.3	60	40	57
31.5	1 ¼"	----	----	CG125DC	46	78	48	65
40	1 ½"	----	----	CG150DC	54	85	49	65
50	2"	----	----	CG200DC	63.8	96	54	70
--	2 ½"	----	----	CG250DC	76.5	110	59	74
80	3"	----	----	CG300DC	92.1	127	60	80
100	4"	----	----	CG400DC	120.3	156	62	80
--	5"	----	----	CG500DC	135	175	62	85
150	6"	----	----	CG600DC	144	240	62	90

All Dimensions are in mm

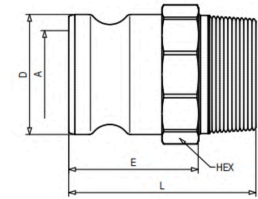
These dimensions are for reference only & may change as per design modification

Handle, Pins, Rings, Chains & Safety pin - Male for Camlock coupling



CAMLOCK COUPLING (TYPE F) SERIES - MALE

**Cam & Groove Couplings, Confirms MIL - C - 27487
General Applications**



SIZE		THREAD DETAILS			DIMENSIONS				
mm	inch	STANDARD	THREAD (FEMALE)	PART NO.	D	K	L	E	HEX
20	3/4"	--	3/4" BSP	CG075F	32.1	21	61	39	32
20	3/4"	ISO 7-1	3/4" BSPT	CG075FTE	32.1	21	61	39	32
20	3/4"	ANSI B1.20.1	3/4"-14 NPTF	CG075FFE	32.1	21	61	39	32
25	1"	--	1" BSP	CG100F	36.7	24	71	48	41
25	1"	ISO 7-1	1" BSPT	CG100FTF	36.7	24	71	48	41
25	1"	ANSI B1.20.1	1"-11 1/2 NPTF	CG100FFF	36.7	24	71	48	41
31.5	1 1/4"	--	1 1/4" BSP	CG125F	45.5	28.5	81	56	48
31.5	1 1/4"	ISO 7-1	1 1/4" BSPT	CG125FTG	45.5	28.5	81	56	48
31.5	1 1/4"	ANSI B1.20.1	1 1/4"-11 1/2 NPTF	CG125FFG	45.5	28.5	81	56	48
40	1 1/2"	--	1 1/2" BSP	CG150F	53.4	36	79	61	55
40	1 1/2"	ISO 7-1	1 1/2" BSPT	CG150FTH	53.4	36	79	61	55
40	1 1/2"	ANSI B1.20.1	1 1/2"-11 1/2 NPTF	CG150FFH	53.4	36	79	61	55
50	2"	--	2" BSP	CG200F	63	45	87	62	64.5
50	2"	ISO 7-1	2" BSPT	CG200FTI	63	45	87	62	64.5
50	2"	ANSI B1.20.1	2"-11 1/2 NPTF	CG200FFI	63	45	87	62	64.5
--	2 1/2"	--	2 1/2" BSP	CG250F	75.8	56.5	97	69	83
--	2 1/2"	ISO 7-1	2 1/2" BSPT	CG250FTQ	75.8	56.5	97	69	83
--	2 1/2"	ANSI B1.20.1	2 1/2"-NPTF	CG250FFQ	75.8	56.5	97	69	83
80	3"	--	3" BSP	CG300F	91.5	73	100	74	92
80	3"	ISO 7-1	3" BSPT	CG300FTK	91.5	73	100	74	92
80	3"	ANSI B1.20.1	3"-8 NPTF	CG300FFK	91.5	73	100	74	92
100	4"	--	4" BSP	CG400F	119.5	98	114	79	127
100	4"	ISO 7-1	4" BSPT	CG400FTB6	119.5	98	114	79	127
--	5"	ISO 1179-1	5" BSP	CG500F	132.5	130	116	75	155
--	5"	ISO 7-1	5" BSPT	CG500FTB8	132.5	130	116	75	155
150	6"	--	6" BSP	CG600F	143.5	150	118	77	175
150	6"	ISO 7-1	6" BSPT	CG600FTB9	143.5	150	118	77	175

All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

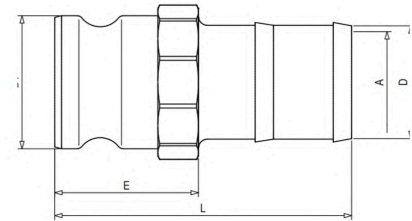
Thread Standard Details



ISO 7-1 & ANSI B1.20.3

CAMLOCK COUPLING (TYPE E) SERIES - MALE

**Cam & Groove Couplings, Confirms MIL - C - 27487
General Applications**



SIZE		HOSE DETAILS			DIMENSIONS				
mm	inch	STANDARD	HOSE	PART NO.	D1	A	L	E	D
20	3/4"	IS 13078	3/4" HOSE	CG075E	32.1	19	88	40	20
25	1"	IS 13078	1" HOSE	CG100E	36.7	24	102	46	26
31.5	1 1/4"	IS 13078	1 1/4" HOSE	CG125E	45.5	28	108	53	33
40	1 1/2"	IS 13078	1 1/2" HOSE	CG150E	53.4	35	129	56	39
50	2"	IS 13078	2" HOSE	CG200E	63	48	136	61	52
--	2 1/2"	IS 13078	2 1/2" HOSE	CG250E	75.8	58	159	65	65
80	3"	IS 13078	3" HOSE	CG300E	91.5	72	166	66	77
100	4"	IS 13078	4" HOSE	CG400E	119.5	98	177	70	103
--	5"	IS 13078	5" HOSE	CG500E	132.5	110	210	72	125
150	6"	IS 13078	6" HOSE	CG600E	143.5	140	250	75	150

All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

CAMLOCK COUPLING SERIES - FEMALE

Cam & Groove Couplings, Confirms MIL - C - 27487
General Applications



Technical specification

Body size	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"
Max. working pressure (Bar)	18	18	18	18	18	16	14	7	7	7
Burst Pressure (Bar) Min.	-	-	-	-	-	-	-	-	-	-

Product Details

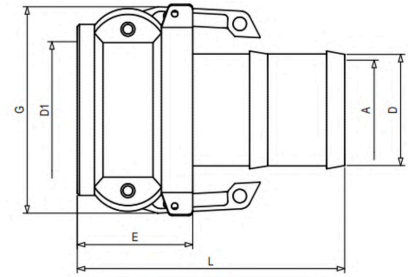
- Material
Carbon Steel
- Surface Treatment
Zinc Plating (CrIII)
- Seals
Nitrile
- Valve Style
- Working Temperature
-30°C to +100°C
- Connection Under Pressure
Not Allowed
- Connection / Disconnection
Sleeve Retraction

Application



CAMLOCK COUPLING (TYPE C) SERIES - FEMALE

Cam & Groove Couplings, Confirms MIL - C - 27487
General Applications



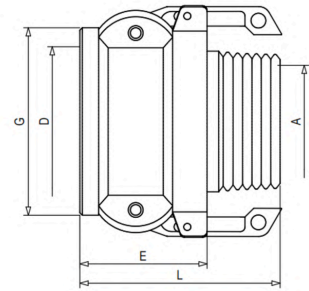
SIZE		HOSE DETAILS			DIMENSIONS					
mm	inch	STANDARD	HOSE	PART NO.	D1	G	E	L	A	D
20	3/4"	IS 13078	3/4" HOSE	CG075C	32.4	53	32	84	14	20
25	1"	IS 13078	1" HOSE	CG100C	37.3	60	40	98	20	26
31.5	1 1/4"	IS 13078	1 1/4" HOSE	CG125C	46	78	48	103	25	33
40	1 1/2"	IS 13078	1 1/2" HOSE	CG150C	54	85	49	121	31	39
50	2"	IS 13078	2" HOSE	CG200C	63.8	96	54	138	43	52
--	2 1/2"	IS 13078	2 1/2" HOSE	CG250C	76.5	110	59	149	55	65
80	3"	IS 13078	3" HOSE	CG300C	92.1	127	60	160	67	77
100	4"	IS 13078	4" HOSE	CG400C	120.3	156	62	170	92	103
--	5"	IS 13078	5" HOSE	CG500C	135	175	62	150	125	132
150	6"	IS 13078	6" HOSE	CG600C	144	240	62	230	140	150

All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

CAMLOCK COUPLING (TYPE B) SERIES - FEMALE

**Cam & Groove Couplings, Confirms MIL - C - 27487
General Applications**



SIZE		THREAD DETAILS			DIMENSIONS				
mm	inch	STANDARD	THREAD (FEMALE)	PART NO.	D	G	E	L	K
20	3/4"	--	3/4" BSP	CG075B	32.4	53	32	48	14
20	3/4"	ISO 7-1	3/4" BSPT	CG075BTE	32.4	53	32	48	14
20	3/4"	ANSI B1.20.1	3/4"-14 NPTF	CG075BFE	32.4	53	32	48	14
25	1"	--	1" BSP	CG100B	37.3	60	40	24	62
25	1"	ISO 7-1	1" BSPT	CG100BTF	37.3	60	40	24	62
25	1"	ANSI B1.20.1	1"-11 1/2 NPTF	CG100BFF	37.3	60	40	24	62
31.5	1 1/4"	--	1 1/4" BSP	CG125B	46	78	48	28	66
31.5	1 1/4"	ISO 7-1	1 1/4" BSPT	CG125BTG	46	78	48	28	66
31.5	1 1/4"	ANSI B1.20.1	1 1/4"-11 1/2 NPTF	CG125BFG	46	78	48	28	66
40	1 1/2"	--	1 1/2" BSP	CG150B	54	85	49	35	71
40	1 1/2"	ISO 7-1	1 1/2" BSPT	CG150BTH	54	85	49	35	71
40	1 1/2"	ANSI B1.20.1	1 1/2"-11 1/2 NPTF	CG150BFH	54	85	49	35	71
50	2"	--	2" BSP	CG200B	63.8	96	54	51	77
50	2"	ISO 7-1	2" BSPT	CG200BTI	63.8	96	54	51	77
50	2"	ANSI B1.20.1	2"-11 1/2 NPTF	CG200BFI	63.8	96	54	51	77
--	2 1/2"	--	2 1/2" BSP	CG250B	76.5	110	59	85	58
--	2 1/2"	ISO 7-1	2 1/2" BSPT	CG250BTQ	76.5	110	59	85	58
--	2 1/2"	ANSI B1.20.1	2 1/2"-NPTF	CG250BFQ	76.5	110	59	85	58
80	3"	--	3" BSP	CG300B	92.1	127	60	92	72
80	3"	ISO 7-1	3" BSPT	CG300BTK	92.1	127	60	92	72
80	3"	ANSI B1.20.1	3"-8 NPTF	CG300BFK	92.1	127	60	92	72
100	4"	--	4" BSP	CG400B	120.3	156	62	98	95
100	4"	ISO 7-1	4" BSPT	CG400BTB6	120.3	156	62	98	95
--	5"	--	5" BSP	CG500B	135	175	62	120	100
--	5"	ISO 7-1	5" BSPT	CG500BTB8	135	175	62	120	100
150	6"	--	6" BSP	CG600B	144	240	62	150	102
150	6"	ISO 7-1	6" BSPT	CG600BTB9	144	240	62	150	102

All Dimensions are in mm

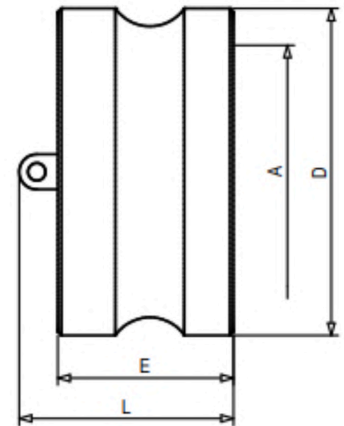
These dimensions are for reference only & may change as per design modification

Thread Standard Details



ISO 7-1 & ANSI B1.20.3

DUST PLUG – FEMALE FOR CAM & GROOVE COUPLINGS

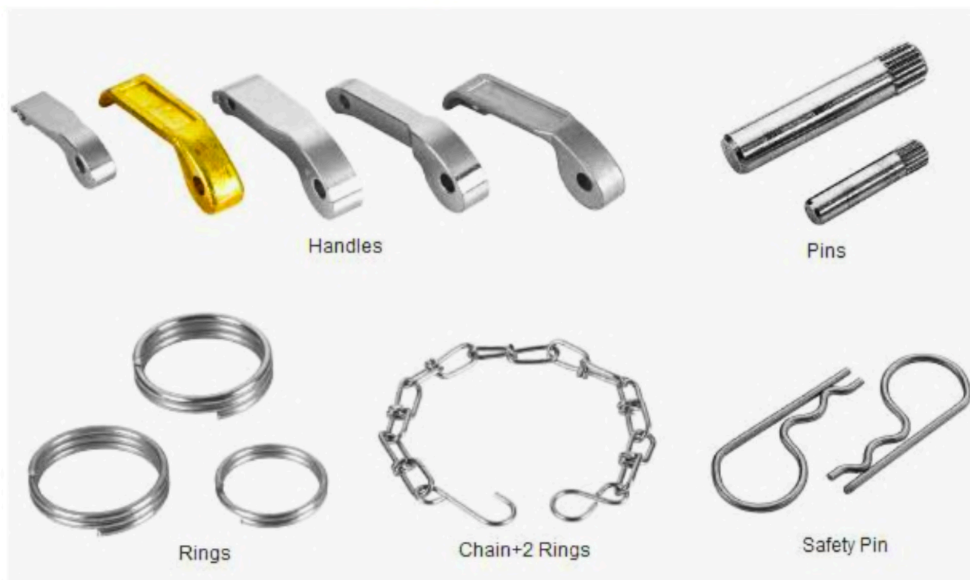


SIZE		THREAD DETAILS		PART NO.	D	DIMENSIONS		
mm	inch	STANDARD	THREAD			A	E	L
20	3/4"	----	----	CG075DP	32.1	21	24	38
25	1"	----	----	CG100DP	36.7	24	30	50
31.5	1 ¼"	----	----	CG125DP	45.5	29	38	55
40	1 ½"	----	----	CG150DP	53.4	36	41	59
50	2"	----	----	CG200DP	63	45	43	64
--	2 ½"	----	----	CG250DP	75.8	57	45	68
80	3"	----	----	CG300DP	91.5	73	52	70
100	4"	----	----	CG400DP	119.5	98	48	76
--	5"	----	----	CG500DP	132.5	120	65	80
150	6"	----	----	CG600DP	143.5	155	62	85

All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Handle, Pins, Rings, Chains & Safety pin - Female for Camlock coupling



Standard Ball Valve, Heavy Duty Application, Inline, Easy to Operate



2 Way

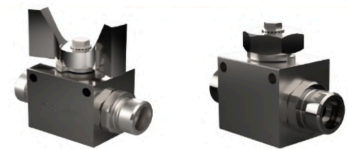


3 Way

Salient Features

- Quick and Easy Operation with Rotation Lock
- Reliable Shut-Off with Full Flow Bore
- Variety in Lever Options for Ease of Actuation
- Minimal Pressure Drop
- Highly Durable*
- Versatility*
- Low & Easy Maintenance
- Precise Control over On-Off Positions
- Reduced Friction during Actuation

Lever Variants



Product Details



Material
Carbon Steel &
Stainless Steel



Surface Treatment
Zinc Plating (CrIII)



Seals NBR*, HNBR,
FKM & EPDM



Valve Style
Ball



Working Temperature
-30°C to +100°C (As per seal selection)



Connection Under Pressure
Not Allowed

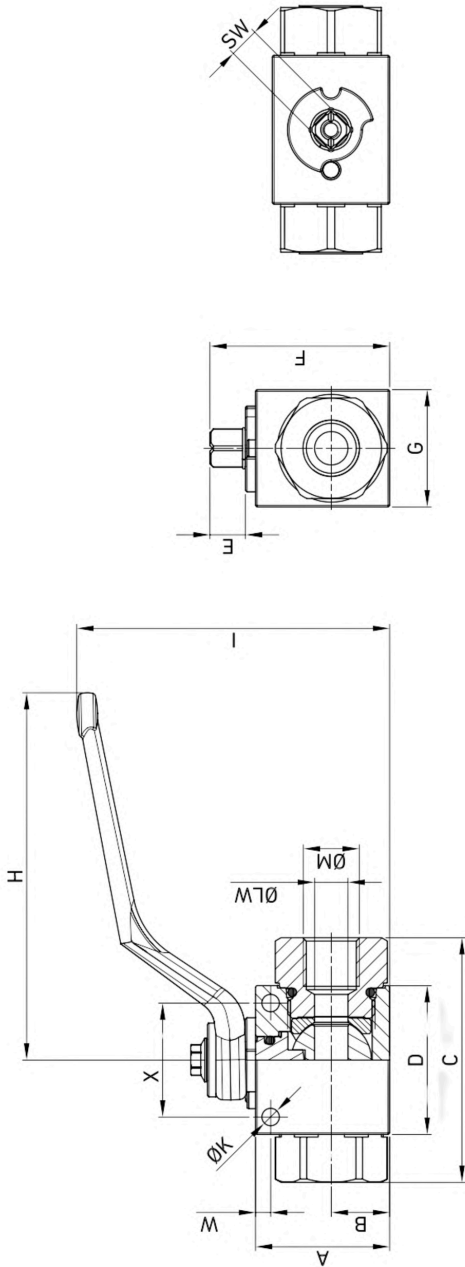


Locking Mechanism / Pneumatic/Electrical Actuation
Can be Available on Request

Application

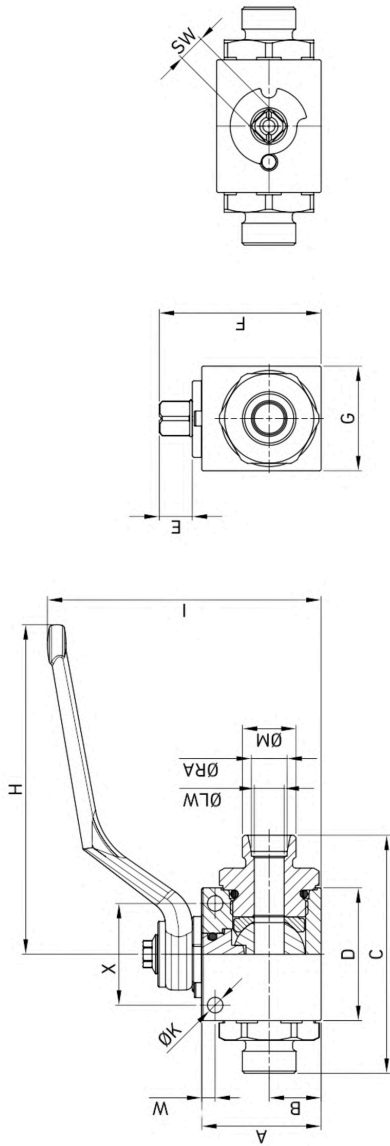


Standard 2 Way Ball Valve



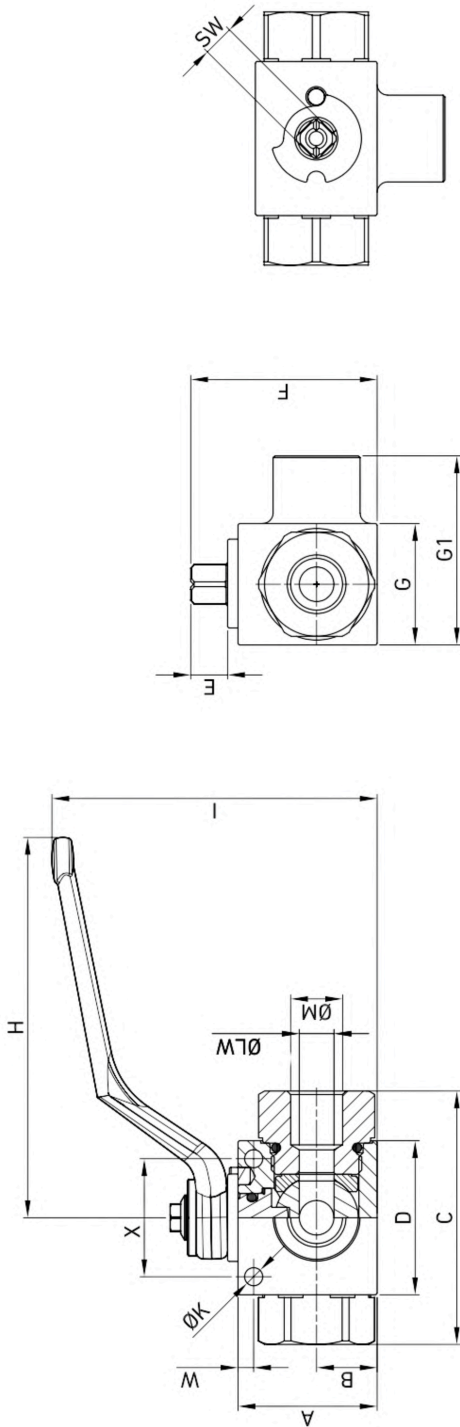
Thread	DN	PN bar	A	B	C	D	E	F	G	H	I	ØM	ØK*	W*	X*	SW	ØLW	Wt.kg	Carbon Steel	Stainless Steel
	6	500	35	14.5	71	42.4	11	49	30	110	87	F 1/4	5.25	4.5	34	9	6	0.49	BV2-06F04C4PN	BV2-06F06S4PN
	10	500	40	17.4	73	44.4	11	54.25	35	110	93	F 3/8	5.25	4.5	34	9	10	0.644	BV2-10F06C4PN	BV2-10F06S4PN
	13	500	43	19.7	83	48.4	11	57	37	110	97	F 1/2	5.25	5	36	9	13	0.757	BV2-13F08C4PN	BV2-13F08S4PN
NPTF	20	420	57	25.4	95	62.5	14	75.5	49	180	105	F 3/4	6.25	6	50	14	20	1.438	BV2-20F12C4PN	BV2-20F12S4PN
	25	420	65	29.5	112	66.5	14	83.5	55	180	113	F 1	6.25	6	50	14	25	2.223	BV2-25F16C4PN	BV2-25F16S4PN
	25	350	65	29.5	120	66.5	14	83.5	55	180	113	F 1	6.25	6	50	14	25	2.273	BV2-32F20C4PN	BV2-32F20S4PN
	25	350	65	29.5	124	66.5	14	83.5	55	180	113	F 1	6.25	6	50	14	25	2.386	BV2-40F24C4PN	BV2-40F24S4PN
	6	500	35	14.5	71	42.4	11	49	30	110	87	G 1/4	5.25	4.5	34	9	6	0.49	BV2-06G04C4PN	BV2-06G06S4PN
	10	500	40	17.4	73	44.4	11	54.25	35	110	93	G 3/8	5.25	4.5	34	9	10	0.644	BV2-10G06C4PN	BV2-10G06S4PN
	13	500	43	19.7	83	48.4	11	57	37	110	97	G 1/2	5.25	5	36	9	13	0.757	BV2-13G08C4PN	BV2-13G08S4PN
BSP	20	420	57	25.4	95	62.5	14	75.5	49	180	105	G 3/4	6.25	6	50	14	20	1.438	BV2-20G12C4PN	BV2-20G12S4PN
	25	420	65	29.5	112	66.5	14	83.5	55	180	113	G 1	6.25	6	50	14	25	2.223	BV2-25G16C4PN	BV2-25G16S4PN
	25	350	65	29.5	120	66.5	14	83.5	55	180	113	G 1	6.25	6	50	14	25	2.273	BV2-32G20C4PN	BV2-32G20S4PN
	25	350	65	29.5	124	66.5	14	83.5	55	180	113	G 1	6.25	6	50	14	25	2.386	BV2-40G24C4PN	BV2-40G24S4PN

Standard 2 Way Ball Valve



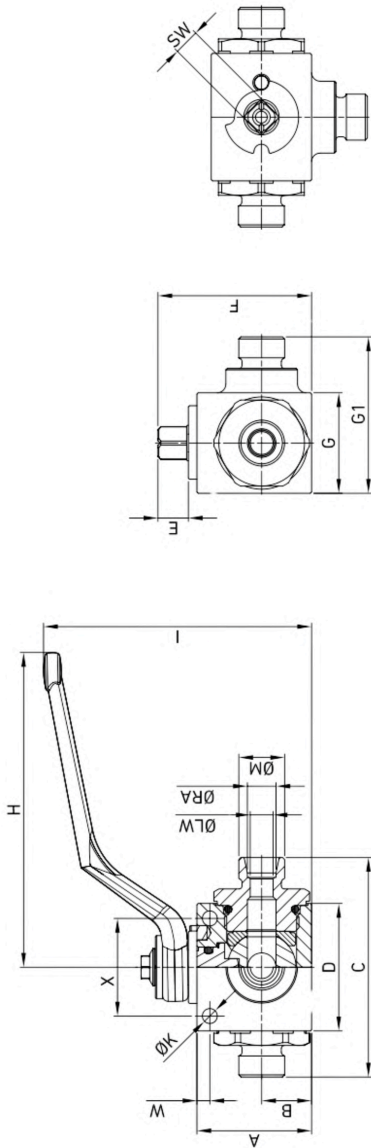
Thread	DN	PN Mpa	A	B	C	D	E	F	G	H	I	ØM	ØK*	W*	X*	SW	ØLW	Wt.kg	Carbon Steel	Stainless Steel
	6	500	35	14.5	76	42.4	11	49.25	30	110	87	M16x1,5	5,25	4,5	34	9	4	0.501	BV2-06M08SS4PN	BV2-06M08SS4PN
	6	500	35	14.5	76	42.4	11	49.25	30	110	87	M18x1,5	5,25	4,5	34	9	6	0.501	BV2-06M10SS4PN	BV2-06M10SS4PN
	8	500	35	14.5	76	42.4	11	49.25	30	110	87	M20x1,5	5,25	4,5	34	9	8	0.501	-	-
	10	500	40	17.4	76	44.4	11	54.25	35	110	93	M20x1,5	5,25	4,5	34	9	10	0.599	BV2-10M12SS4PN	BV2-10M12SS4PN
Metric S	10	500	40	17.4	83	44.4	11	54.25	35	110	93	M22x1,5	5,25	4,5	34	9	10	0.629	BV2-10M14SS4PN*	BV2-10M14SS4PN*
Series	13	500	43	19.7	89	48.4	11	57	37	110	97	M24x1,5	5,25	5	36	9	13	0.67	BV2-13M16SS4PN	BV2-13M16SS4PN
	13	500	43	19.7	93	48.4	11	57	37	110	97	M30x2	5,25	5	36	9	13	0.786	BV2-13M20SS4PN	BV2-13M20SS4PN
	20	400	57	25.4	111	62.5	14	75.5	49	180	105	M36x2	6,25	6	50	14	20	1.485	BV2-20M25SS4PN	BV2-20M25SS4PN
	25	350	65	29.5	121	66.5	14	83.5	55	180	113	M42x2	6,25	6	50	14	25	2.145	BV2-25M30SS4PN	BV2-25M30SS4PN
	25	350	65	29.5	131	66.5	14	83.5	55	180	113	M52x2	6,25	6	50	14	25	2.373	BV2-25M38SS4PN	BV2-25M38SS4PN
	6	500	35	14.5	76	42.4	11	49	30	110	87	M12x1,5	5,25	4,5	34	9	6	0.475	BV2-06M06LS4PN	BV2-06M06LS4PN
	6	500	35	14.5	76	42.4	11	49	30	110	87	M14x1,5	5,25	4,5	34	9	6	0.477	BV2-06M08LS4PN	BV2-06M08LS4PN
	6	500	35	14.5	76	42.4	11	49	30	110	87	M16x1,5	5,25	4,5	34	9	6	0.475	BV2-06M10LS4PN	BV2-06M10LS4PN
	10	500	40	17.4	77	44.4	11	54.25	35	110	93	M16x1,5	5,25	4,5	34	9	8	0.597	BV2-10M10LS4PN	BV2-10M10LS4PN
	10	500	40	17.4	80	44.4	11	54.25	35	110	93	M18x1,5	5,25	4,5	34	9	10	0.616	BV2-10M12LS4PN	BV2-10M12LS4PN
Metric L	13	500	43	19.7	87	48.4	11	57	37	110	97	M22x1,5	5,25	5	36	9	13	0.731	BV2-13M15LS4PN	BV2-13M15LS4PN
Series	13	500	43	19.7	87	48.4	11	57	37	110	97	M26x1,5	5,25	5	36	9	13	0.748	BV2-13M18LS4PN	BV2-13M18LS4PN
	20	400	57	25.4	110	62.5	14	75.5	49	180	105	M30x2	6,25	6	50	14	20	1.463	BV2-20M22LS4PN	BV2-20M22LS4PN
	25	350	65	29.5	117	66.5	14	83.5	55	180	113	M36x2	6,25	6	50	14	25	2.131	BV2-25M28LS4PN	BV2-25M28LS4PN
	25	350	65	29.5	119	66.5	14	83.5	55	180	113	M45x2	6,25	6	50	14	25	2.163	BV2-25M35LS4PN	BV2-25M35LS4PN
	25	350	65	29.5	119	66.5	14	83.5	55	180	113	M52x2	6,25	6	50	14	25	2.256	BV2-25M42LS4PN	BV2-25M42LS4PN

Standard 3 Way Ball Valve



Thread	DN	PN bar	A (mm)	B	C	D	E	F	G	G1	H	I	ØM	ØK*	W*	X*	SW	ØLW	Wt. kg	Carbon Steel	Stainless Steel
NPTF	6	500	35	14.5	71	42.4	11.49	30	48.5	110	87	F1/4	5.25	4.5	34	9	6	0.536	BV3-06F06S4PN	BV3-06F06S4PN	
	10	500	40	17.4	73	44.4	11.54.25	35	54.5	110	93	F3/8	5.25	4.5	34	9	10	0.695	BV3-10F06C4PN	BV3-10F06S4PN	
	13	500	43	19.7	83	48.4	11.57	37	58.5	110	97	F1/2	5.25	5	36	9	13	0.825	BV3-13F08C4PN	BV3-13F08S4PN	
	20	420	57	25.4	95	62.5	14.75.5	49	75	180	105	F3/4	6.25	6	50	14	20	1.583	BV3-20F12C4PN	BV3-20F12S4PN	
	25	420	65	29.5	112	66.5	14.83.5	55	89	180	113	F1	6.25	6	50	14	25	2.421	BV3-25F16C4PN	BV3-25F16S4PN	
NPTF	25	350	65	29.5	120	66.5	14.83.5	55	89	180	113	F1	6.25	6	50	14	25	2.601	BV3-32F20C4PN	BV3-32F20S4PN	
	25	350	65	29.5	124	66.5	14.83.5	55	89	180	113	F1	6.25	6	50	14	25	2.756	BV3-40F24C4PN	BV3-40F24S4PN	
	6	500	35	14.5	71	42.4	11.49	30	48.5	110	87	G1/4	5.25	4.5	34	9	6	0.536	BV3-06G04C4PN	BV3-06G06S4PN	
	10	500	40	17.4	73	44.4	11.54.25	35	54.5	110	93	G3/8	5.25	4.5	34	9	10	0.695	BV3-10G06C4PN	BV3-10G06S4PN	
	13	500	43	19.7	83	48.4	11.57	37	58.5	110	97	G1/2	5.25	5	36	9	13	0.825	BV3-13G08C4PN	BV3-13G08S4PN	
BSP	20	420	57	25.4	95	62.5	14.75.5	49	75	180	105	G3/4	6.25	6	50	14	20	1.583	BV3-20G12C4PN	BV3-20G12S4PN	
	25	420	65	29.5	112	66.5	14.83.5	55	89	180	113	G1	6.25	6	50	14	25	2.421	BV3-25G16C4PN	BV3-25G16S4PN	
	25	350	65	29.5	120	66.5	14.83.5	55	89	180	113	G1	6.25	6	50	14	25	2.601	BV3-32G20C4PN	BV3-32G20S4PN	
	25	350	65	29.5	124	66.5	14.83.5	55	89	180	113	G1	6.25	6	50	14	25	2.756	BV3-40G24C4PN	BV3-40G24S4PN	

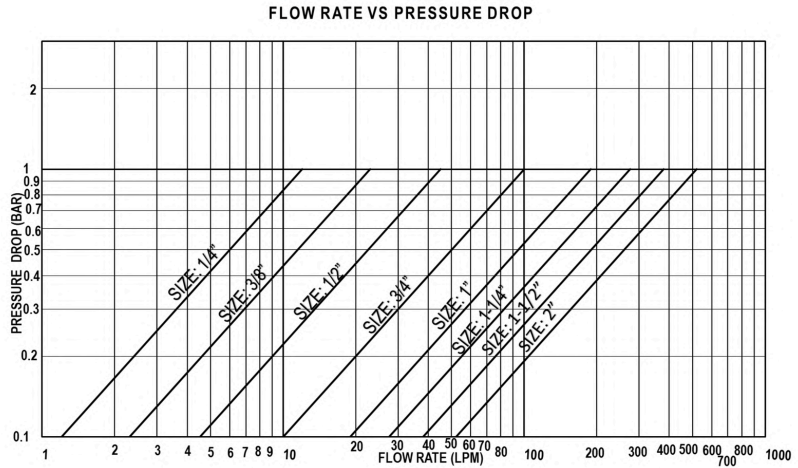
Standard 3 Way Ball Valve



Thread	DN	PN (Mpa)	A (mm)	B	C	D	E	F	G	G1	H	I	ØM	ØK*	W*	X*	SW	ØLW	Wt. kg	Carbon Steel	Stainless Steel
	6	500	35	14.5	76	42.4	11	49	30	48.5	110	87	M16x1,5	5.25	4.5	34	9	4	0.53	BV2-06M08SS4PN	BV2-06M08SS4PN
	6	500	35	14.5	76	42.4	11	49	30	48.5	110	87	M18x1,5	5.25	4.5	34	9	6	0.532	BV2-06M10SS4PN	BV2-06M10SS4PN
	10	500	40	17.4	76	44.4	11	54.25	35	54.5	110	93	M20x1,5	5.25	4.5	34	9	10	0.633	BV2-10M12SS4PN	BV2-10M12SS4PN
Metric S Series	10	500	40	17.4	83	44.4	11	54.25	35	54.5	110	93	M22x1,5	5.25	4.5	34	9	10	0.665	BV2-10M14SS4PN*	BV2-10M14SS4PN*
	13	500	43	19.7	89	48.4	11	57	37	59	110	97	M24x1,5	5.25	5	36	9	13	0.722	BV2-13M16SS4PN	BV2-13M16SS4PN
	13	500	43	19.7	93	48.4	11	57	37	59	110	97	M30x2	5.25	5	36	9	13	0.861	BV2-13M20SS4PN	BV2-13M20SS4PN
	20	400	57	25.4	111	62.5	14	75.5	49	75	180	105	M36x2	6.25	6	50	14	20	1.639	BV2-20M25SS4PN	BV2-20M25SS4PN
	25	350	65	29.5	121	66.5	14	83.5	55	89	180	113	M42x2	6.25	6	50	14	25	2.361	BV2-25M30SS4PN	BV2-25M30SS4PN
	25	350	65	29.5	131	66.5	14	83.5	55	89	180	113	M52x2	6.25	6	50	14	25	2.655	BV2-25M38SS4PN	BV2-25M38SS4PN
	6	500	35	14.5	76	42.4	11	49	30	48.5	110	87	M12x1,5	5.25	4.5	34	9	6	0.53	BV2-06M06LC4PN	BV2-06M06LS4PN
	6	500	35	14.5	76	42.4	11	49	30	48.5	110	87	M14x1,5	5.25	4.5	34	9	6	0.532	BV2-06M08LC4PN	BV2-06M08LS4PN
	6	500	35	14.5	76	42.4	11	49	30	48.5	110	87	M16x1,5	5.25	4.5	34	9	6	0.535	BV2-06M10LC4PN	BV2-06M10LS4PN
	10	500	40	17.4	77	44.4	11	54.25	35	54.5	110	93	M16x1,5	5.25	4.5	34	9	10	0.633	BV2-10M10LC4PN	BV2-10M10LS4PN
Metric L Series	10	500	40	17.4	80	44.4	11	54.25	35	54.5	110	93	M18x1,5	5.25	4.5	34	9	10	0.665	BV2-10M12LC4PN	BV2-10M12LS4PN
	13	500	43	19.7	87	48.4	11	57	37	59	110	97	M22x1,5	5.25	5	36	9	13	0.722	BV2-13M15LC4PN	BV2-13M15LS4PN
	13	500	43	19.7	87	48.4	11	57	37	59	110	97	M26x1,5	5.25	5	36	9	13	0.861	BV2-13M18LC4PN	BV2-13M18LS4PN
	20	400	57	25.4	110	62.5	14	75.5	49	75	180	105	M30x2	6.25	6	50	14	20	1.639	BV2-20M22LC4PN	BV2-20M22LS4PN
	25	350	65	29.5	117	66.5	14	83.5	55	89	180	113	M36x2	6.25	6	50	14	25	2.361	BV2-25M28LC4PN	BV2-25M28LS4PN
	25	350	65	29.5	119	66.5	14	83.5	55	89	180	113	M45x2	6.25	6	50	14	25	2.361	BV2-25M35LC4PN	BV2-25M35LS4PN

Standard Check valve used for directional or pressure control

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	500	270	350	250	250	250	200	130
Burst Pressure (Bar) Min.	2000	1100	1400	1000	1000	1000	800	520

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII)



Seals
Nitrile



Valve Style



Working Temperature
-30°C to +100°C

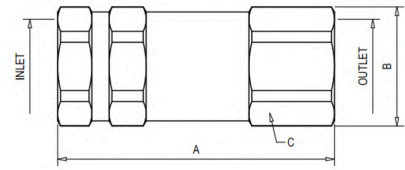


Connection Under Pressure

Application



Standard Check valve used for directional or pressure control



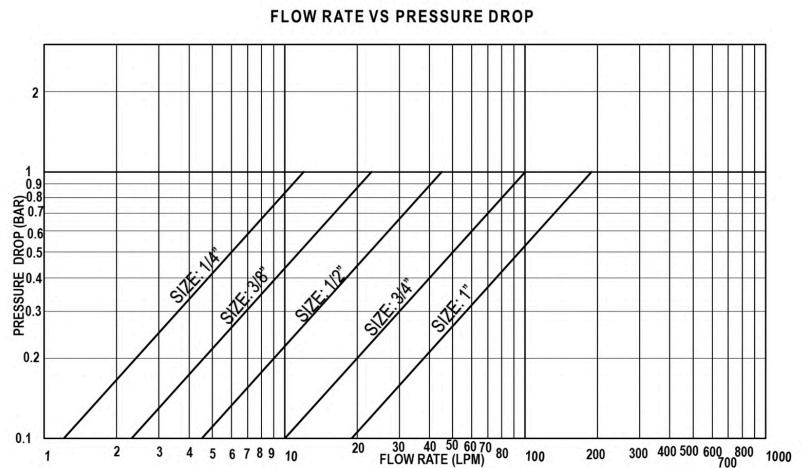
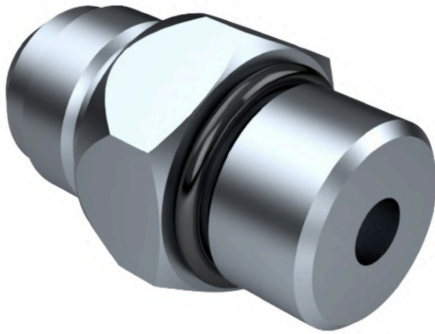
SIZE		THREAD DETAILS			DIMENSIONS			
mm	inch	STANDARD	INLET	OUTLET	PART NO.	B	A	C
6.3	1/4"	ISO 8434-3	9/16"-18 UNF (F)	9/16"-18 UNF (F)	UCVAFUA2F	19	54	17
6.3	1/4"	ISO 8434-3	9/16"-18 UNF (M)	9/16"-18 UNF (M)	UCVAMUA2F	19	54	17
6.3	1/4"	ISO 8434-6	1/4" BSP (M)	1/4" BSP (M)	UCVAMBA	24.5	50	22
6.3	1/4"	ANSI B1.20.3	1/4"-18 NPTF (F)	1/4"-18 NPTF (F)	UCVAFFA	21	50	19
6.3	1/4"	ISO 1179-1	1/4" BSP (F)	1/4" BSP (F)	UCVAFBA	21	50	19
10	3/8"	ISO 8434-6	3/8" BSP (M)	3/8" BSP (M)	UCVBMBBV	24.5	50	22
10	3/8"	ISO 8434-6	3/8" BSP (M)	3/8" BSP (M)	UCVBMBB	24.5	50	22
10	3/8"	ISO 1179-1	3/8" BSP (F)	3/8" BSP (F)	UCVBFBB	27	60	24
10	3/8"	ANSI B1.20.3	3/8"-18 NPTF (F)	3/8"-18 NPTF (F)	UCVBFFB	24.5	58.1	22
12.5	1/2"	ISO 11926-3	3/4"-16 UNF (M)	3/4"-16 UNF (M)	UCVCMUNO	30	63.5	27
12.5	1/2"	ISO 8434-3	13/16"-16 UN (F)	13/16"-16 UN (F)	UCVCFUJF	30	59.5	27
12.5	1/2"	ISO 1179-3	1/2" BSP (M)	1/2" BSP (M)	UCVCMBCO	30	64.6	27
12.5	1/2"	ISO 8434-1L	M18x1.5P (M)	M18x1.5P (M)	UCVCMMGSL	30	52.4	27
12.5	1/2"	ISO 8434-1L	M22x1.5P (M)	M22x1.5P (M)	UCVCMMSL	30	120	27
12.5	1/2"	ISO 8434-2	7/8"-14 UNF (M)	7/8"-14 UNF (M)	UCVCMUVJ	30	66.7	27
12.5	1/2"	ISO 8434-2	3/4"-16 UNF (M)	3/4"-16 UNF (M)	UCVCMUNJ	30	64	27
12.5	1/2"	ANSI B1.20.3	1/2"-14 NPTF (F)	1/2"-14 NPTF (F)	UCVCFFC	30	56	27
12.5	1/2"	ISO 1179-1	1/2" BSP (F)	1/2" BSP (F)	UCVCFBC	30	70	27
12.5	1/2"	ISO 1179-3	3/8" BSP (M)	3/8" BSP (M)	UCVCMBBO	30	62.6	27
12.5	1/2"	ISO 8434-6	1/2" BSP (M)	1/2" BSP (M)	UCVCMBC	30	56	27
20	3/4"	ISO 11926-3	7/8"-14 UNF (M)	7/8"-14 UNF (M)	UCVDMUVO	42	70.3	38
20	3/4"	ISO 11926-1	1-1/16"-12 UN (F)	1-1/16"-12 UN (F)	UCVDFUS	40	88	36
20	3/4"	ANSI B1.20.3	3/4"-14 NPTF (F)	3/4"-14 NPTF (F)	UCVDFFE	38	86	34
20	3/4"	ISO 1179-1	3/4" BSP (F)	3/4" BSP (F)	UCVDFBE	38	86	34
20	3/4"	ISO 1179-1	3/4" BSP (F)	3/4" BSP (F)	UCVDFBEV	38	86	34
20	3/4"	ISO 8434-1L	M26x1.5P (M)	M26x1.5P (M)	UCVDMMLSL	42	58.4	38
20	3/4"	ISO 11926-3	1-1/16"-12 UN (M)	1-1/16"-12 UN (M)	UCVDMUSO	42	70	38
25	1"	ANSI B1.20.3	1" NPTF (F)	1" NPTF (F)	UCVEFFF	44	100	41
25	1"	ISO 1179-1	1" BSP (F)	1" BSP (F)	UCVEFBF	44	100	41
31.5	1 1/4"	ANSI B1.20.3	1-1/4" NPTF (F)	1-1/4" NPTF (F)	UCVFFFG	55	130	50
31.5	1 1/4"	ISO 1179-1	1-1/4" BSP (F)	1-1/4" BSP (F)	UCVFFBG	55	130	50
37.5	1 1/2"	ISO 1179-1	1-1/2" BSP (F)	1-1/2" BSP (F)	UCVGFBH	66	145	60
50	2"	ISO 1179-1	2" BSP (F)	2" BSP (F)	UCVHFBI	90	160	75

All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

Compact Check valve used for directional or pressure control

Pressure characteristic



The graph is representation purpose only

Technical specification

Body size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Max. working pressure (Bar)	250	400	400	400	400	-	-	-
Burst Pressure (Bar) Min.	1000	1600	1600	1600	1600	-	-	-

Product Details



Material
Carbon Steel



Surface Treatment
Zinc Plating (CrIII)



Seals
Nitrile



Valve Style



Working Temperature
-30°C to +100°C

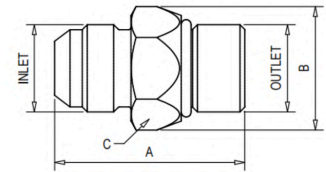


Connection Under Pressure

Application



Compact Check valve used for directional or pressure control

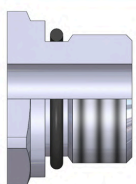


SIZE		THREAD DETAILS			PART NO.	DIMENSIONS		
mm	inch	STANDARD	INLET/ OUTLET	THREAD (MALE)		B	A	C
6.3	1/4"	ISO 6149-2	INLET	M12x1.5P	UCVCAMMDOFSL	21	55.5	19
		ISO 8434-1L	OUTLET	M16x1.5P				
6.3	1/4"	ISO 8434-1L	INLET	M18x1.5P	UCVCAMMGSL	21	32	19
		ISO 6149-2	OUTLET	M14x1.5P				
10	3/8"	ISO 8434-3	INLET	9/16"-18 UNF	UCVCBMUA2F	21	31.6	19
		ISO 11926-3	OUTLET	9/16"-18 UNF				
10	3/8"	ISO 8434-2	INLET	9/16"-18 UNF	UCVCBMFUA2J	21	40.5	19
		ISO 8434-2	OUTLET	9/16"-18 UNF (F)				
10	3/8"	ISO 8434-3	INLET	13/16"-16 UN	UCVCBMUJWF	24	33.6	22
		ISO 8434-3	OUTLET	11/16"-16 UN				
10	3/8"	ISO 8434-3	INLET	11/16"-16 UN	UCVCBMUWEO	21	35.9	19
		ISO 6149-2	OUTLET	M14x1.5P				
10	3/8"	ISO 8434-3	INLET	11/16"-16 UN	UCVCBMUWF	21	33.6	19
		ISO 8434-3	OUTLET	11/16"-16 UN				
10	3/8"	ISO 6149-2	INLET	M18x1.5P	UCVCBMMGWO	26	41	24
		ISO 8434-3	OUTLET	11/16"-16 UN				
10	3/8"	ISO 6149-2	INLET	M14x1.5P	UCVCBMMEWO	21	35.9	19
		ISO 8434-3	OUTLET	11/16"-16 UN				
12.5	1/2"	ISO 11926-3	INLET	3/4"-16 UNF	UCVCCMUNJO	26	38.1	24
		ISO 8434-3	OUTLET	13/16"-16 UN				
12.5	1/2"	ISO 6149-2	INLET	M18x1.5P	UCVCCMMGJO	26	43	24
		ISO 8434-3	OUTLET	13/16"-16 UN				
20	3/4"	ISO 8434-2	INLET	1-1/16"-12 UN	UCVCDMUSJ	25	50	32
		ISO 8434-2	OUTLET	1-1/16"-12 UN				
20	3/4"	ISO 11926-3	INLET	1-1/16"-12 UN	UCVCDMUSA10	35	46.1	32
		ISO 8434-3	OUTLET	1-3/16"-12 UN				
25	1"	ISO 8434-3	INLET	1-7/16"-12 UN	UCVCEMUA9F	42	50.5	38
		ISO 8434-3	OUTLET	1-7/16"-12 UN				
25	1"	ISO 6149-2	INLET	M33x2P	UCVCEMMZB7O	54	72.6	48
		ISO 8434-3	OUTLET	1-11/16"-12 UN				

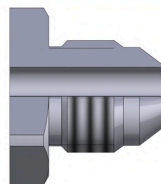
All Dimensions are in mm

These dimensions are for reference only & may change as per design modification

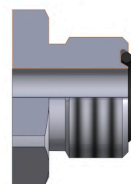
Thread Standard Details



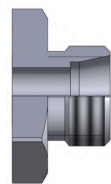
ISO 11926-3 & ISO 6149-2



ISO 8434-2



ISO 8434-3



ISO 8434-1(L/S)

Do's

- Always clean the surfaces of the two mating faces before securing them.
- When disconnecting couplings, ALWAYS use genuine Dust Caps and Plugs.
- Before connecting or disconnecting, ALWAYS make sure the pressure has been released.
- To disconnect, ALWAYS place the external locking ball (if present) in line with the notch in the locking sleeve and fully retract the locking sleeve. Sticking is typically brought on by debris in the coupling or physical harm from overuse.
- To get the seals working, ALWAYS connect and disconnect fresh couplings twice or three times. If the seals have not been worked, a new coupling may occasionally stick.
- While installing couplings, ALWAYS use the spanner or grips on the hexagon/flats and nowhere else.
- ALWAYS keep the coupling faces intact. The seals are harmed by burrs and scratches, which results in leakage. They may also prevent the couplings from connecting and disconnecting.
- ALWAYS frequently oil the internal locking balls on the female part of the connection with silicone grease. With sufficient filtering, contaminants that could harm coupling internal seals are kept out of the oil.

Don'ts

- Unless the connection type is particularly designed to do so, NEVER connect and disengage with pressure in the line.
- NEVER reconnect a damaged half coupling as this will destroy the seals in the matching half and need the replacement of both halves.
- NEVER leave the coupling where it could be ran over or crushed by a vehicle. This will deform the sleeve and make connection and disconnection impossible.
- NEVER attempt to turn the sleeve while the coupling is detached; this may cause the locking ball to jam beneath the locking sleeve, causing the coupling to be damaged.
- NEVER attempt to disassemble a flat-faced coupler. There are no parts that can be serviced by the user. If the connection becomes damaged, it should be replaced.
- NEVER try to release locked-in pressure by hitting the coupling's center poppet. This might result in irreparable damage to the coupling as well as significant harm. Unitread should be consulted for applications involving stuck in pressure.
- When fitting couplings, NEVER clamp on the female's sleeve or the male's nose - this may cause distortion and damage.
- NEVER expose the connections to external forces, particularly side load. This can shorten the life of the coupling or cause it to fail.
- NEVER allow torsional forces from the hose to act on the couplings. Make use of Unitread rotary couplings.
- NEVER utilize a coupler as a blank or with the pressure disengaged.

The warranty for the Products is as follows:

- i. Goods are warranted against defects in material or workmanship for a period of twelve (12) months from the date of delivery or 2,000 hours of use, whichever occurs first;
- ii. Services are warranted for a period of six (6) months and shall be performed in accordance with generally accepted practices and using the degree of care and skill that is ordinarily exercised and customary in the field to which the Services pertain. All costs are based on the above-mentioned exclusive limited warranty and the following disclaimer.

EXEMPTION CLAUSE; WARRANTY, CONDITIONS, AND REPRESENTATIONS DISCLAIMER:
THIS WARRANTY IS THE SOLE AND EXCLUSIVE WARRANTY, CONDITION, AND REPRESENTATION FOR PRODUCTS. ALL OTHER WARRANTIES, CONDITIONS, AND REPRESENTATIONS, WHETHER STATUTORY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THOSE RELATING TO DESIGN, NONINFRINGEMENT, MERCHANTABILITY, AND FITNESS FOR A PARTICULAR PURPOSE, ARE DISCLAIMED BY SELLER. THE SELLER MAKES NO WARRANTY THAT UNLESS OTHERWISE AUTHORIZED IN WRITING BY SELLER, THE SOFTWARE SHALL NOT BE USED IN CONNECTION WITH HAZARDOUS OR HIGH-RISK ACTIVITIES OR ENVIRONMENTS. ALL PRODUCTS ARE PROVIDED "AS IS" EXCEPT AS EXPRESSLY STATED HEREIN.

Claims, Start of Actions:

Buyer must check all Products upon receipt. No shortage claims will be accepted unless reported to Seller within ten (10) days after delivery. Buyer must notify Seller of any alleged breach of warranty within thirty (30) days of discovering or should have discovered the nonconformance. Any claim or action brought against Seller under any theory, including tort, negligence, or otherwise, must be filed within twelve (12) months of the claimed breach or other alleged incident, regardless of the date of discovery.

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1. **Scope:** This safety guide describes how to select and use quick action couplings and related accessories (including caps, plugs, blow guns, and two way valves) (including installing, connecting, disconnecting, and maintaining). This safety advice supplements, and should be used in conjunction with, the relevant Parker publications for the quick action couplings and related accessories under consideration for usage.
2. **Safety Net:** Many factors can cause quick action couplings or the hose to break without notice. All systems and equipment should be designed in a fail-safe mode, so that the failure of the rapid action coupling or hose does not endanger people or property.
3. **Distribution:** Give a copy of this safety advice to everyone who is in charge of selecting or utilizing quick action coupling goods. Do not select or use quick action couplings unless you have thoroughly read and comprehended this safety guide as well as the specific Parker papers for the goods under consideration or selection.
4. **User Responsibility:** Because fast action couplings are used in a wide range of operating circumstances and applications, Parker and its distributors do not guarantee or warrant that any particular quick action coupling is suitable for any specific end use system. This safety guide does not cover all of the technical criteria that must be considered when choosing a product. The user is exclusively responsible, based on its own analysis and testing, for:
 - Making the final choice of rapid action connections.
 - Ensuring that the user's needs are met and that the use poses no health or safety risks.
 - Posting the necessary health and safety warnings on the equipment that uses quick action couplings.

UNITREAD[®]
Hydraulic Quick Couplings

PRODUCT CATALOG

UNITED TYREKRAFTS PVT. LTD.

Industrial Plant :
Gat No.1087, Near Polybond India Ltd.,
Sanaswadi, Tal. Shirur, Pune, Maharashtra
(INDIA) – 412 208

UNITED TYREKRAFTS PVT. LTD.

Marketing Office :
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