

TECHNICAL CATALOGUE

Hose Fittings & Adaptors

Product specifications, dimensions and ordering configurations

28 October 2026

Product families: 192

Product, pattern & size references: 2,084

B-BBEE: Level 2

Select the product and exact configuration for the operating duty. The tables in this catalogue apply to the exact item, material, size and standard shown. Working, burst and test pressures are different quantities. Similar ordering references do not establish compatibility.

Application-specific assemblies, custom machining and configured equipment receive their final agreed specification with the quotation.

Request a quotation

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Provide the part code, size, quantity, required configuration and application. Include a drawing or photograph where available.

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Hose Fittings & Adaptors

Crimp fittings, reusable connections, hydraulic adaptors and thread conversion.

001 / CTCL1 - 1 WIRE - NON SKIVE SLEEVES

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: CTCL1-04 / CTCL1-05 / CTCL1-06 / CTCL1-08 / CTCL1-10 / CTCL1-12 / CTCL1-16 / CTCL1-20 / CTCL1-24 / CTCL1-32

CTCL1 - 1 WIRE - NON SKIVE SLEEVES

Part code	Nominal hose size (mm)	Nominal hose size
CTCL1-04	6.0	1/4
CTCL1-05	8.0	5/16
CTCL1-06	10.0	3/8
CTCL1-08	12.0	1/2
CTCL1-10	16.0	5/8
CTCL1-12	19.0	3/4
CTCL1-16	25.0	1
CTCL1-20	31.0	1 1/4
CTCL1-24	38.0	1 1/2
CTCL1-32	51.0	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

002 / XTCL - 2 WIRE - NON SKIVE SLEEVES

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: XTCL-04 / XTCL-05 / XTCL-06 / XTCL-08 / XTCL-10 / XTCL-12 / XTCL-16 / XTCL-20 / XTCL-24 / XTCL-32

XTCL - 2 WIRE - NON SKIVE SLEEVES

Part code	Nominal hose size (mm)	Nominal hose size
XTCL-04	6.0	1/4
XTCL-05	8.0	5/16
XTCL-06	10.0	3/8
XTCL-08	12.0	1/2
XTCL-10	16.0	5/8
XTCL-12	19.0	3/4
XTCL-16	25.0	1
XTCL-20	31.0	1 1/4
XTCL-24	38.0	1 1/2
XTCL-32	51.0	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

003 / CX_BD - 1 & 2 WIRE - SKIVE SLEEVES

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: CX04BD / CX05BD / CX06BD / CX08BD / CX10BD / CX12BD / CX16BD / CX20BD / CX24BD / CX32BD

CX_BD - 1 & 2 WIRE - SKIVE SLEEVES

Part code	Nominal hose size (mm)	Nominal hose size	Skive length (mm)
CX04BD	6.0	1/4	20.0

CX_BD - 1 & 2 WIRE - SKIVE SLEEVES

Part code	Nominal hose size (mm)	Nominal hose size	Skive length (mm)
CX05BD	8.0	5/16	20.0
CX06BD	10.0	3/8	23.0
CX08BD	12.0	1/2	27.0
CX10BD	16.0	5/8	27.0
CX12BD	19.0	3/4	31.0
CX16BD	25.0	1	34.0
CX20BD	31.0	1 1/4	39.0
CX24BD	38.0	1 1/2	43.0
CX32BD	51.0	2	58.0

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

004 / H_FLW - 4 SPIRAL - SKIVE SLEEVES

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: H04FLW / H06FLW / H08FLW / H10FLW / H12FLW / H16FLW / H20FLW / H24FLW / H32FLW

H_FLW - 4 SPIRAL - SKIVE SLEEVES

Part code	Nominal hose size (mm)	Nominal hose size	Skive length (mm)
H04FLW	6.0	1/4	18.0
H06FLW	10.0	3/8	22.0
H08FLW	12.0	1/2	24.0

H_FLW - 4 SPIRAL - SKIVE SLEEVES

Part code	Nominal hose size (mm)	Nominal hose size	Skive length (mm)
H10FLW	16.0	5/8	27.0
H12FLW	19.0	3/4	30.0
H16FLW	25.0	1	38.0
H20FLW	31.0	1 1/4	45.0
H24FLW	38.0	1 1/2	50.0
H32FLW	51.0	2	55.0

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

005 / IL_FLW - 4 SPIRAL - INTERLOCK - SLEEVES

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: IL12FLW / IL16FLW / IL20FLW / IL24FLW / IL32FLW

IL_FLW - 4 SPIRAL - INTERLOCK - SLEEVES

Part code	Nominal hose size (mm)	Nominal hose size	Internal skive length (mm)	External skive length (mm)
IL12FLW	19.0	3/4	15.0	48.0
IL16FLW	25.0	1	17.0	61.0
IL20FLW	31.0	1 1/4	22.0	70.0
IL24FLW	38.0	1 1/2	22.5	79.0
IL32FLW	51.0	2	30.0	83.0

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

006 / IL6_FLW - 6 SPIRAL - INTERLOCK - SLEEVES

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: IL6-20FLW / IL6-24FLW / IL6-32FLW

IL6_FLW - 6 SPIRAL - INTERLOCK - SLEEVES

Part code	Nominal hose size (mm)	Nominal hose size	Internal skive length (mm)	External skive length (mm)
IL6-20FLW	31.0	1 1/4	22.0	70.0
IL6-24FLW	38.0	1 1/2	22.5	79.0
IL6-32FLW	51.0	2	30.0	83.0

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

007 / 3381 - PTFE / THERMOPLASTIC SLEEVE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 3381-03 / 3381-04 / 3381-05 / 3381-06 / 3381-08 / 3381-10 / 3381-12 / 3381-16

3381 - PTFE / THERMOPLASTIC SLEEVE

Part code	Nominal hose size (mm)	Nominal hose size
3381-03	5.0	3/16
3381-04	6.0	1/4
3381-05	8.0	5/16
3381-06	10.0	3/8

3381 - PTFE / THERMOPLASTIC SLEEVE

Part code	Nominal hose size (mm)	Nominal hose size
3381-08	12.0	1/2
3381-10	16.0	5/8
3381-12	19.0	3/4
3381-16	25.0	1

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

008 / BF - BSP HOSE FITTING - STRAIGHT FEMALE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: X02BF04 / X04BF04 / X04BF06 / X06BF04 / X06BF05 / X06BF06 / X06BF08 / X08BF06 / X08BF08 / X08BF10 / X08BF12 / X10BF08 / X10BF10 / X12BF08 / X12BF10 / X12BF12 / X12BF16 / X16BF12 / X16BF16 / X20BF20 / X24BF24 / X32BF32

BF - BSP HOSE FITTING - STRAIGHT FEMALE

Part code	BSP thread size (in)	Dash (-)	Hose tail (in)
X02BF04	1/8	-2	1/4
X04BF04	1/4	-4	1/4
X04BF06	1/4	-4	3/8
X06BF04	3/8	-6	1/4
X06BF05	3/8	-6	5/16
X06BF06	3/8	-6	3/8
X06BF08	3/8	-6	1/2
X08BF06	1/2	-8	3/8

BF - BSP HOSE FITTING - STRAIGHT FEMALE

Part code	BSP thread size (in)	Dash (-)	Hose tail (in)
X08BF08	1/2	-8	1/2
X08BF10	1/2	-8	5/8
X08BF12	1/2	-8	3/4
X10BF08	5/8	-10	1/2
X10BF10	5/8	-10	5/8
X12BF08	3/4	-12	1/2
X12BF10	3/4	-12	5/8
X12BF12	3/4	-12	3/4
X12BF16	3/4	-12	1
X16BF12	1	-16	3/4
X16BF16	1	-16	1
X20BF20	1 1/4	-20	1 1/4
X24BF24	1 1/2	-24	1 1/2
X32BF32	2	-32	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

009 / B90 - BSP HOSE FITTING - 90° FEMALE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: X02B90S04 / X04B90S04 / X06B90S04 / X06B90S06 / X06B90S08 / X08B90S06 / X08B90S08 / X10B90S08 / X10B90S10 / X12B90S08 / X12B90S12 / X16B90S16 / X20B90S20 / X24B90S24 / X32B90S32

B90 - BSP HOSE FITTING - 90° FEMALE

Part code	BSP thread size (in)	Dash (-)	Hose tail (in)
X02B90S04	1/8	-2	1/4
X04B90S04	1/4	-4	1/4
X06B90S04	3/8	-6	1/4
X06B90S06	3/8	-6	3/8
X06B90S08	3/8	Confirm	1/2
X08B90S06	1/2	-8	3/8
X08B90S08	1/2	-8	1/2
X10B90S08	5/8	-10	1/2
X10B90S10	5/8	-10	5/8
X12B90S08	3/4	Confirm	1/2
X12B90S12	3/4	-12	3/4
X16B90S16	1	-16	1
X20B90S20	1 1/4	-20	1 1/4
X24B90S24	1 1/2	-24	1 1/2
X32B90S32	2	-32	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

010 / B90_K - BSP HOSE FITTING - 90° FEMALE COMPACT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: X06B9006K / X08B9008K

B90_K - BSP HOSE FITTING - 90° FEMALE COMPACT

Part code	BSP thread size (in)	Dash (-)	Hose tail (in)
X06B9006K	3/8	-6	3/8
X08B9008K	1/2	-8	1/2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

011 / B45 - BSP HOSE FITTING - 45° FEMALE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: X04B45S04 / X06B45S06 / X08B45S08 / X10B45S08 / X10B45S10 / X12B45S10 / X12B45S12 / X16B45S16 / X20B45S20 / X24B45S24 / X32B45S32

B45 - BSP HOSE FITTING - 45° FEMALE

Part code	BSP thread size (in)	Dash (-)	Hose tail (in)
X06B45S06	3/8	-6	3/8
X08B45S08	1/2	-8	1/2
X10B45S08	5/8	-10	1/2
X10B45S10	5/8	-10	5/8
X12B45S10	3/4	-12	5/8
X12B45S12	3/4	-12	3/4
X16B45S16	1	-16	1
X20B45S20	1 1/4	-20	1 1/4

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

B45 - BSP HOSE FITTING - 45° FEMALE - exact-code supplement

Part code	BSP thread size (in)	Dash (-)	Hose tail (in)
X04B45S04	1/4	-4	1/4
X24B45S24	1 1/2	-24	1 1/2
X32B45S32	2	-32	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

012 / BM - BSP HOSE FITTING - STRAIGHT MALE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: X02BM04 / X02BMT04 / X04BM04 / X04BM06 / X04BMT06 / X06BM04 / X06BM06 / X08BM06 / X08BM08 / X10BM08 / X10BM10 / X12BM12 / X16BM12 / X16BM16 / X20BM20 / X24BM24 / X32BM32

BM - BSP HOSE FITTING - STRAIGHT MALE

Part code	BSP thread size (in)	Dash (-)	Hose tail (in)
X02BM04	1/8	-2	1/4
X02BMT04	1/8	-2	1/4
X04BM04	1/4	-4	1/4
X04BM06	1/4	-4	3/8
X04BMT06	1/4	-4	3/8
X06BM04	3/8	-6	1/4
X06BM06	3/8	-6	3/8
X08BM06	1/2	-8	3/8
X08BM08	1/2	-8	1/2

BM - BSP HOSE FITTING - STRAIGHT MALE

Part code	BSP thread size (in)	Dash (-)	Hose tail (in)
X10BM08	5/8	-10	1/2
X10BM10	5/8	-10	5/8
X12BM12	3/4	-12	3/4
X16BM12	1	Confirm	3/4
X16BM16	1	-16	1
X20BM20	1 1/4	-20	1 1/4
X24BM24	1 1/2	-24	1 1/2
X32BM32	2	-32	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

013 / FF - BSP HOSE FITTING - FLAT FACED FEMALE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: X06FF06 / X08FF06 / X08FF08 / X12FF08 / X12FF10 / X12FF12 / X16FF12 / X16FF16

FF - BSP HOSE FITTING - FLAT FACED FEMALE

Part code	BSP thread size (in)	Dash (-)	Hose tail (in)
X06FF06	3/8	-6	3/8
X08FF06	1/2	-8	3/8
X08FF08	1/2	-8	1/2
X12FF08	3/4	-12	1/2

FF - BSP HOSE FITTING - FLAT FACED FEMALE

Part code	BSP thread size (in)	Dash (-)	Hose tail (in)
X12FF10	3/4	-12	5/8
X12FF12	3/4	-12	3/4
X16FF12	1	-16	3/4
X16FF16	1	-16	1

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

014 / JF - JIC HOSE FITTING - STRAIGHT FEMALE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: X07JF04 / X08JF04 / X09JF04 / X09JF05 / X09JF06 / X10JF04 / X10JF06 / X12JF06 / X12JF08 / X14JF08 / X14JF10 / X14JF12 / X14JFF08 / X17JF08 / X17JF10 / X17JF12 / X17JF16 / X19JF12 / X21JF12 / X21JF16 / X26JF16 / X26JF20 / X30JF24 / X40JF32

JF - JIC HOSE FITTING - STRAIGHT FEMALE

Part code	JIC thread size (in)	Dash (-)	Hose tail (in)
X07JF04	7/16	-4	1/4
X08JF04	1/2	-5	1/4
X09JF04	9/16	-6	1/4
X09JF05	9/16	-6	5/16
X09JF06	9/16	-6	3/8
X10JF04	5/8 SAE	-7	1/4
X10JF06	5/8 SAE	-7	3/8
X12JF06	3/4	-8	3/8

JF - JIC HOSE FITTING - STRAIGHT FEMALE

Part code	JIC thread size (in)	Dash (-)	Hose tail (in)
X12JF08	3/4	-8	1/2
X14JF08	7/8	-10	1/2
X14JFF08	7/8	-10	1/2
X14JF10	7/8	-10	5/8
X14JF12	7/8	-10	3/4
X17JF08	1 1/16	-12	1/2
X17JF10	1 1/16	-12	5/8
X17JF12	1 1/16	-12	3/4
X17JF16	1 1/16	-12	1
X19JF12	1 3/16	-14	3/4
X21JF12	1 5/16	-16	3/4
X21JF16	1 5/16	-16	1
X26JF16	1 5/8	-20	1
X26JF20	1 5/8	-20	1 1/4
X30JF24	1 7/8	-24	1 1/2
X40JF32	2 1/2	-32	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

015 / J90 - JIC HOSE FITTING - 90° FEMALE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: X07J90S04 / X08J90S04 / X09J90S04 / X09J90S06 / X10J90S06 / X12J90S06 / X12J90S08 / X14J90S08 / X14J90S10 / X17J90S08 / X17J90S10 / X17J90S12 / X19J90S12 / X21J90S12 / X21J90S16 / X26J90S16 / X26J90S20 / X30J90S24 / X40J90S32

J90 - JIC HOSE FITTING - 90° FEMALE

Part code	JIC thread size (in)	Dash (-)	Hose tail (in)
X07J90S04	7/16	-4	1/4
X08J90S04	1/2	-5	1/4
X09J90S04	9/16	-6	1/4
X09J90S06	9/16	-6	3/8
X10J90S06	5/8 SAE	-7	3/8
X12J90S06	3/4	-8	3/8
X12J90S08	3/4	-8	1/2
X14J90S08	7/8	-10	1/2
X14J90S10	7/8	-10	5/8
X17J90S08	1 1/16	-12	1/2
X17J90S10	1 1/16	-12	5/8
X17J90S12	1 1/16	-12	3/4
X19J90S12	1 3/16	-14	3/4
X21J90S12	1 5/16	-16	3/4
X21J90S16	1 5/16	-16	1
X26J90S16	1 5/8	-20	1
X26J90S20	1 5/8	-20	1 1/4
X30J90S24	1 7/8	-24	1 1/2
X40J90S32	2 1/2	-32	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

[Application & quotation checklist](#)

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

016 / J45 - JIC HOSE FITTING - 45° FEMALE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: X07J45S04 / X08J45S04 / X09J45S04 / X09J45S06 / X10J45S06 / X12J45S06 / X12J45S08 / X14J45S08 / X14J45S10 / X17J45S08 / X17J45S10 / X17J45S12 / X19J45S12 / X21J45S12 / X21J45S16 / X26J45S20 / X30J45S24 / X40J45S32

J45 - JIC HOSE FITTING - 45° FEMALE

Part code	JIC thread size (in)	Dash (-)	Hose tail (in)
X07J45S04	7/16	-4	1/4
X08J45S04	1/2	-5	1/4
X09J45S04	9/16	-6	1/4
X09J45S06	9/16	-6	3/8
X10J45S06	5/8 SAE	-7	3/8
X12J45S06	3/4	-8	3/8
X12J45S08	3/4	-8	1/2
X14J45S08	7/8	-10	1/2
X14J45S10	7/8	-10	5/8
X17J45S08	1 1/16	-12	1/2
X17J45S10	1 1/16	-12	5/8
X17J45S12	1 1/16	-12	3/4
X19J45S12	1 3/16	-14	3/4
X21J45S12	1 5/16	-16	3/4
X21J45S16	1 5/16	-16	1

J45 - JIC HOSE FITTING - 45° FEMALE

Part code	JIC thread size (in)	Dash (-)	Hose tail (in)
X26J45S20	1 5/8	-20	1 1/4

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

J45 - JIC HOSE FITTING - 45° FEMALE - exact-code supplement

Part code	JIC thread size (in)	Dash (-)	Hose tail (in)
X30J45S24	1 7/8	-24	1 1/2
X40J45S32	2 1/2	-32	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

017 / JM - JIC HOSE FITTING - MALE STRAIGHT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: X07JM04 / X08JM04 / X09JM04 / X09JM05 / X09JM06 / X10JM06 / X12JM06 / X12JM08 / X14JM08 / X14JM10 / X17JM08 / X17JM10 / X17JM12 / X19JM12 / X21JM12 / X21JM16 / X26JM20 / X30JM24 / X40JM32

JM - JIC HOSE FITTING - MALE STRAIGHT

Part code	JIC thread size (in)	Dash (-)	Hose tail (in)
X07JM04	7/16	-4	1/4
X08JM04	1/2	-5	1/4
X09JM04	9/16	-6	1/4
X09JM05	9/16	-6	5/16
X09JM06	9/16	-6	3/8
X10JM06	5/8 SAE	-7	3/8

JM - JIC HOSE FITTING - MALE STRAIGHT

Part code	JIC thread size (in)	Dash (-)	Hose tail (in)
X12JM06	3/4	-8	3/8
X12JM08	3/4	-8	1/2
X14JM08	7/8	-10	1/2
X14JM10	7/8	-10	5/8
X17JM08	1 1/16	-12	1/2
X17JM10	1 1/16	-12	5/8
X17JM12	1 1/16	-12	3/4
X19JM12	1 3/16	-14	3/4
X21JM12	1 5/16	-16	3/4
X21JM16	1 5/16	-16	1
X26JM20	1 5/8	-20	1 1/4
X30JM24	1 7/8	-24	1 1/2
X40JM32	2 1/2	-32	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

[Application & quotation checklist](#)

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

018 / LORF - ORFS HOSE FITTING - STRAIGHT FEMALE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: X04LORF04 / X06LORF04 / X06LORF06 / X08LORF06 / X08LORF08 / X10LORF08 / X10LORF10 / X12LORF08 / X12LORF10 / X12LORF12 / X16LORF16 / X20LORF16 / X20LORF20 / X24LORF24

LORF - ORFS HOSE FITTING - STRAIGHT FEMALE

Part code	Thread size (notation)	Hose tail (in)
X04LORF04	9/16-18	1/4
X06LORF04	11/16-16	1/4
X06LORF06	11/16-16	3/8
X08LORF06	13/16-16	3/8
X08LORF08	13/16-16	1/2
X10LORF08	1-14	1/2
X10LORF10	1-14	5/8
X12LORF08	1 3/16-12	1/2
X12LORF10	1 3/16-12	5/8
X12LORF12	1 3/16-12	3/4
X16LORF16	1 7/16-12	1
X20LORF16	1 11/16-12	1
X20LORF20	1 11/16-12	1 1/4
X24LORF24	Confirm	1 1/2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

019 / LORF 90 - ORFS HOSE FITTING - 90° FEMALE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: X04LORF90S04 / X06LORF90S04 / X06LORF90S06 / X08LORF90S06 / X08LORF90S08 / X10LORF90S08 / X10LORF90S10 / X12LORF90S08 / X12LORF90S10 / X12LORF90S12 / X16LORF90S12 / X16LORF90S16 / X20LORF90S20 / X24LORF90S24

LORF 90 - ORFS HOSE FITTING - 90° FEMALE

Part code	Thread size (notation)	Hose tail (in)
X04LORF90S04	9/16-18	1/4
X06LORF90S04	11/16-16	1/4
X06LORF90S06	11/16-16	3/8
X08LORF90S06	13/16-16	3/8
X08LORF90S08	13/16-16	1/2
X10LORF90S08	1-14	1/2
X10LORF90S10	1-14	5/8
X12LORF90S08	1 3/16-12	1/2
X12LORF90S10	1 3/16-12	5/8
X12LORF90S12	1 3/16-12	3/4
X16LORF90S12	1 7/16-12	3/4
X16LORF90S16	1 7/16-12	1
X20LORF90S20	1 11/16-12	1 1/4
X24LORF90S24	Confirm	1 1/2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

[Application & quotation checklist](#)

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

020 / LORF 45 - ORFS HOSE FITTING - 45° FEMALE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: X04LORF45S04 / X06LORF45S04 / X06LORF45S06 / X08LORF45S06 / X08LORF45S08 / X10LORF45S10 / X12LORF45S12 / X16LORF45S16 / X20LORF45S20 / X24LORF45S24

LORF 45 - ORFS HOSE FITTING - 45° FEMALE

Part code	Thread size (notation)	Hose tail (in)
X04LORF45S04	9/16-18	1/4
X06LORF45S04	11/16-16	1/4
X06LORF45S06	11/16-16	3/8
X08LORF45S06	13/16-16	3/8
X08LORF45S08	13/16-16	1/2
X10LORF45S10	1-14	5/8
X12LORF45S12	1 3/16-12	3/4
X16LORF45S16	1 7/16-12	1
X20LORF45S20	1 11/16-12	1 1/4
X24LORF45S24	Confirm	1 1/2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

021 / LORM - ORFS HOSE FITTING - MALE STRAIGHT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: X04LORM04 / X06LORM04 / X06LORM06 / X08LORM06 / X08LORM08 / X10LORM08 / X10LORM10 / X12LORM08 / X12LORM10 / X12LORM12 / X16LORM12 / X16LORM16

LORM - ORFS HOSE FITTING - MALE STRAIGHT

Part code	Thread size (notation)	Hose tail (in)
X04LORM04	9/16-18	1/4
X06LORM04	11/16-16	1/4

LORM - ORFS HOSE FITTING - MALE STRAIGHT

Part code	Thread size (notation)	Hose tail (in)
X06LORM06	11/16-16	3/8
X08LORM06	13/16-16	3/8
X08LORM08	13/16-16	1/2
X10LORM08	1-14	1/2
X10LORM10	1-14	5/8
X12LORM08	1 3/16-12	1/2
X12LORM10	1 3/16-12	5/8
X12LORM12	1 3/16-12	3/4
X16LORM12	1 7/16-12	3/4
X16LORM16	1 7/16-12	1

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

022 / MSF - METRIC HOSE FITTING - STRAIGHT FEMALE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: X12MSF06-04 / X14MSF06-04 / X14MSF08-04 / X16MSF08-04 / X16MSF10-04 / X16MSF10-05 / X16MSF10-06 / X18MSF10-04 / X18MSF12-05 / X18MSF12-06 / X18MSF12-06P / X20MSF12-06 / X22MSF14-06 / X22MSF15-06 / X22MSF15-08 / X24MSF16-08 / X26MSF18-08 / X26MSF18-10 / X30MSF20-10 / X30MSF20-12 / X30MSF22-12 / X36MSF25-12 / X36MSF25-16 / X36MSF28-16 / X42MSF30-16 / X45MSF35-20 / X52MSF38-20 / X52MSF42-24

MSF - METRIC HOSE FITTING - STRAIGHT FEMALE

Part code	Metric thread (mm x pitch)	Pipe size (notation)	Hose tail (in)	Series (-)
X12MSF06-04	12 x 1.5	6L	1/4	L

MSF - METRIC HOSE FITTING - STRAIGHT FEMALE

Part code	Metric thread (mm x pitch)	Pipe size (notation)	Hose tail (in)	Series (-)
X14MSF06-04	14 x 1.5	6L	1/4	L
X14MSF08-04	14 x 1.5	8L	1/4	L
X16MSF10-04	16 x 1.5	10L	1/4	L
X16MSF10-05	16 x 1.5	10L	5/16	L
X16MSF10-06	16 x 1.5	10L	3/8	L
X18MSF12-05	18 x 1.5	12L	5/16	L
X18MSF12-06P	18 x 1.5	12L	3/8	L
X18MSF12-06	18 x 1.5	12L	3/8	L
X22MSF15-06	22 x 1.5	15L	3/8	L
X22MSF15-08	22 x 1.5	15L	1/2	L
X26MSF18-08	26 x 1.5	18L	1/2	L
X26MSF18-10	26 x 1.5	18L	5/8	L
X30MSF22-12	30 x 2	22L	3/4	L
X36MSF28-16	36 x 2	28L	1	L
X45MSF35-20	45 x 2	35L	1 1/4	L
X52MSF42-24	52 x 2	42L	1 1/2	L
X16MSF08-04	16 x 1.5	8S	1/4	H
X18MSF10-04	18 x 1.5	10S	1/4	H
X20MSF12-06	20 x 1.5	12S	3/8	H
X22MSF14-06	22 x 1.5	14S	3/8	H
X24MSF16-08	24 x 1.5	16S	1/2	H

MSF - METRIC HOSE FITTING - STRAIGHT FEMALE

Part code	Metric thread (mm x pitch)	Pipe size (notation)	Hose tail (in)	Series (-)
X30MSF20-10	30 x 2	20S	5/8	H
X30MSF20-12	30 x 2	20S	3/4	H
X36MSF25-12	36 x 2	25S	3/4	H
X36MSF25-16	36 x 2	25S	1	H
X42MSF30-16	42 x 2	30S	1	H
X52MSF38-20	52 x 2	38S	1 1/4	H

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

023 / MSF 90 - METRIC HOSE FITTING - 90° FEMALE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: X12MSF90S-0604 / X14MSF90S-0804 / X16MSF90S-0804 / X16MSF90S-1004 / X16MSF90S-1005 / X16MSF90S-1006 / X18MSF90S-1004 / X18MSF90S-1206 / X20MSF90S-1206 / X22MSF90S-1406 / X22MSF90S-1508 / X24MSF90S-1608 / X26MSF90S-1808 / X26MSF90S-1810 / X30MSF90S-2010 / X30MSF90S-2012 / X30MSF90S-2212 / X36MSF90S-2512 / X36MSF90S-2516 / X36MSF90S-2816 / X42MSF90S-3016 / X45MSF90S-3520 / X52MSF90S-3820 / X52MSF90S-4224

MSF 90 - METRIC HOSE FITTING - 90° FEMALE

Part code	Metric thread (mm x pitch)	Pipe size (notation)	Hose tail (in)	Series (-)
X12MSF90S-0604	12 x 1.5	6L	1/4	L
X14MSF90S-0804	14 x 1.5	8L	1/4	L
X16MSF90S-1004	16 x 1.5	10L	1/4	L
X16MSF90S-1005	16 x 1.5	10L	5/16	L
X16MSF90S-1006	16 x 1.5	10L	3/8	L

MSF 90 - METRIC HOSE FITTING - 90° FEMALE

Part code	Metric thread (mm x pitch)	Pipe size (notation)	Hose tail (in)	Series (-)
X18MSF90S-1206	18 x 1.5	12L	3/8	L
X22MSF90S-1508	22 x 1.5	15L	1/2	L
X26MSF90S-1808	26 x 1.5	18L	1/2	L
X26MSF90S-1810	26 x 1.5	18L	5/8	L
X30MSF90S-2212	30 x 2	22L	3/4	L
X36MSF90S-2816	36 x 2	28L	1	L
X45MSF90S-3520	45 x 2	35L	1 1/4	L
X52MSF90S-4224	52 x 2	42L	1 1/2	L
X16MSF90S-0804	16 x 1.5	8S	1/4	H
X18MSF90S-1004	18 x 1.5	10S	1/4	H
X20MSF90S-1206	20 x 1.5	12S	3/8	H
X22MSF90S-1406	22 x 1.5	14S	3/8	H
X24MSF90S-1608	24 x 1.5	16S	1/2	H
X30MSF90S-2010	30 x 2	20S	5/8	H
X30MSF90S-2012	30 x 2	20S	3/4	H
X36MSF90S-2512	36 x 2	25S	3/4	H
X36MSF90S-2516	36 x 2	25S	1	H
X42MSF90S-3016	42 x 2	30S	1	H
X52MSF90S-3820	52 x 2	38S	1 1/4	H

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

024 / MSF45 - Metric45-Degree Female Hose Fitting

MSF45 - Metric45-Degree Female Hose Fitting configurations selected for the operating duty and connection.

Application: Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: X12MSF45S-0604 / X14MSF45S-0804 / X16MSF45S-0804 / X16MSF45S-1004 / X16MSF45S-1006 / X18MSF45S-1004 / X18MSF45S-1206 / X20MSF45S-1206 / X22MSF45S-1406 / X22MSF45S-1508 / X24MSF45S-1608 / X26MSF45S-1808 / X26MSF45S-1810 / X30MSF45S-2010 / X30MSF45S-2012 / X30MSF45S-2212 / X36MSF45S-2512 / X36MSF45S-2516 / X36MSF45S-2816 / X42MSF45S-3016 / X45MSF45S-3520 / X52MSF45S-3820 / X52MSF45S-4224

MSF 45 - METRIC HOSE FITTING - STRAIGHT FEMALE

Part code	Metric thread (mm x pitch)	Pipe size (notation)	Hose tail (in)	Series (-)
X12MSF45S-0604	12 x 1.5	6L	1/4	L
X14MSF45S-0804	14 x 1.5	8L	1/4	L
X16MSF45S-1004	16 x 1.5	10L	1/4	L
X16MSF45S-1006	16 x 1.5	10L	3/8	L
X18MSF45S-1206	18 x 1.5	12L	3/8	L
X22MSF45S-1508	22 x 1.5	15L	1/2	L
X26MSF45S-1808	26 x 1.5	18L	1/2	L
X26MSF45S-1810	26 x 1.5	18L	5/8	L
X30MSF45S-2212	30 x 2	22L	3/4	L
X36MSF45S-2816	36 x 2	28L	1	L
X45MSF45S-3520	45 x 2	35L	1 1/4	L
X52MSF45S-4224	52 x 2	42L	1 1/2	L
X16MSF45S-0804	16 x 1.5	8S	1/4	H
X18MSF45S-1004	18 x 1.5	10S	1/4	H
X20MSF45S-1206	20 x 1.5	12S	3/8	H

MSF 45 - METRIC HOSE FITTING - STRAIGHT FEMALE

Part code	Metric thread (mm x pitch)	Pipe size (notation)	Hose tail (in)	Series (-)
X22MSF45S-1406	22 x 1.5	14S	3/8	H
X24MSF45S-1608	24 x 1.5	16S	1/2	H
X30MSF45S-2010	30 x 2	20S	5/8	H
X30MSF45S-2012	30 x 2	20S	3/4	H
X36MSF45S-2512	36 x 2	25S	3/4	H
X36MSF45S-2516	36 x 2	25S	1	H
X42MSF45S-3016	42 x 2	30S	1	H
X52MSF45S-3820	52 x 2	38S	1 1/4	H

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

025 / ME - METRIC HOSE FITTING - STRAIGHT MALE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: X12ME06-04 / X14ME06-04 / X14ME08-04 / X16ME08-04 / X16ME10-04 / X16ME10-05 / X16ME10-06 / X18ME10-04 / X18ME10-06 / X18ME12-05 / X18ME12-06 / X20ME12-05 / X20ME12-06 / X22ME14-06 / X22ME15-06 / X22ME15-08 / X24ME16-08 / X26ME18-08 / X26ME18-10 / X30ME20-10 / X30ME20-12 / X30ME22-12 / X36ME25-12 / X36ME25-16 / X36ME28-16 / X42ME30-16 / X45ME35-20 / X52ME38-20 / X52ME42-24

ME - METRIC HOSE FITTING - STRAIGHT MALE

Part code	Metric thread (mm x pitch)	Pipe size (notation)	Hose tail (in)	Series (-)
X12ME06-04	12 x 1.5	6L	1/4	L
X14ME06-04	14 x 1.5	6L	1/4	L
X14ME08-04	14 x 1.5	8L	1/4	L

ME - METRIC HOSE FITTING - STRAIGHT MALE

Part code	Metric thread (mm x pitch)	Pipe size (notation)	Hose tail (in)	Series (-)
X16ME10-04	16 x 1.5	10L	1/4	L
X16ME10-05	16 x 1.5	10L	5/16	L
X16ME10-06	16 x 1.5	10L	3/8	L
X18ME12-05	18 x 1.5	12L	5/16	L
X18ME12-06	18 x 1.5	12L	3/8	L
X22ME15-06	22 x 1.5	15L	3/8	L
X22ME15-08	22 x 1.5	15L	1/2	L
X26ME18-08	26 x 1.5	18L	1/2	L
X26ME18-10	26 x 1.5	18L	5/8	L
X30ME22-12	30 x 2	22L	3/4	L
X36ME28-16	36 x 2	28L	1	L
X45ME35-20	45 x 2	35L	1 1/4	L
X52ME42-24	52 x 2	42L	1 1/2	L
X16ME08-04	16 x 1.5	8S	1/4	H
X18ME10-04	18 x 1.5	10S	1/4	H
X18ME10-06	18 x 1.5	10S	3/8	H
X20ME12-05	20 x 1.5	12S	5/16	H
X20ME12-06	20 x 1.5	12S	3/8	H
X22ME14-06	22 x 1.5	14S	3/8	H
X24ME16-08	24 x 1.5	16S	1/2	H
X30ME20-10	30 x 2	20S	5/8	H

ME - METRIC HOSE FITTING - STRAIGHT MALE

Part code	Metric thread (mm x pitch)	Pipe size (notation)	Hose tail (in)	Series (-)
X30ME20-12	30 x 2	20S	3/4	H
X36ME25-12	36 x 2	25S	3/4	H
X36ME25-16	36 x 2	25S	1	H
X42ME30-16	42 x 2	30S	1	H
X52ME38-20	52 x 2	38S	1 1/4	H

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

026 / NM - NPT HOSE FITTING - STRAIGHT MALE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: X02NM03 / X02NM04 / X04NM04 / X04NM06 / X06NM04 / X06NM06 / X06NM08 / X06NMS06 / X08NM06 / X08NM08 / X08NM10 / X08NM12 / X12NM08 / X12NM10 / X12NM12 / X12NM16 / X16NM12 / X16NM16 / X20NM20 / X24NM24 / X32NM32

NM - NPT HOSE FITTING - STRAIGHT MALE

Part code	NPT thread size (in)	Dash (-)	Hose tail (in)
X02NM03	1/8	-2	3/16
X02NM04	1/8	-2	1/4
X04NM04	1/4	-4	1/4
X04NM06	1/4	-4	3/8
X06NM04	3/8	-6	1/4
X06NM06	3/8	-6	3/8
X06NMS06	3/8	-6	3/8

NM - NPT HOSE FITTING - STRAIGHT MALE

Part code	NPT thread size (in)	Dash (-)	Hose tail (in)
X06NM08	3/8	-6	1/2
X08NM06	1/2	-8	3/8
X08NM08	1/2	-8	1/2
X08NM10	1/2	-8	5/8
X08NM12	1/2	-8	3/4
X12NM08	3/4	-12	1/2
X12NM10	3/4	-12	5/8
X12NM12	3/4	-12	3/4
X12NM16	3/4	-12	1
X16NM12	1	-16	3/4
X16NM16	1	-16	1
X20NM20	1 1/4	-20	1 1/4
X24NM24	1 1/2	-24	1 1/2
X32NM32	2	-32	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

027 / B/T - BLANK TAILS

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: X04B/T / X05B/T / X06B/T / X08B/T / X10B/T / X12B/T / X16B/T / X20B/T / X24B/T / X32B/T

B/T - BLANK TAILS

Part code	Nominal hose size	Dash (-)	Hose tail (in)
X04B/T	1/4	-4	1/4
X05B/T	5/16	-5	5/16
X06B/T	3/8	-6	3/8
X08B/T	1/2	-8	1/2
X10B/T	5/8	-10	5/8
X12B/T	3/4	-12	3/4
X16B/T	1	-16	1
X20B/T	1 1/4	-20	1 1/4
X24B/T	1 1/2	-24	1 1/2
X32B/T	2	-32	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

028 / H/J - HOSE JOINERS

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: X04H/J / X05H/J / X06H/J / X08H/J / X10H/J / X12H/J / X16H/J / X20H/J / X24H/J

H/J - HOSE JOINERS

Part code	Nominal hose size	Dash (-)	Hose tail (in)
X04H/J	1/4	-4	1/4
X05H/J	5/16	-5	5/16

H/J - HOSE JOINERS

Part code	Nominal hose size	Dash (-)	Hose tail (in)
X06H/J	3/8	-6	3/8
X08H/J	1/2	-8	1/2
X10H/J	5/8	-10	5/8
X12H/J	3/4	-12	3/4
X16H/J	1	-16	1
X20H/J	1 1/4	-20	1 1/4
X24H/J	1 1/2	-24	1 1/2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

029 / 24011 - Japanese metric FEMALE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 24011-14-04 / 24011-18-06 / 24011-22-08 / 24011-24-10 / 24011-30-12 / 24011-33-16

24011 - Japanese metric FEMALE

Part code	Metric thread (mm x pitch)	Hose tail (in)
24011-14-04	14 x 1.5	1/4
24011-18-06	18 x 1.5	3/8
24011-22-08	22 x 1.5	1/2
24011-24-10	24 x 1.5	5/8
24011-30-12	30 x 1.5	3/4

24011 - Japanese metric FEMALE

Part code	Metric thread (mm x pitch)	Hose tail (in)
24011-33-16	33 x 1.5	1

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

030 / MSF_K - Pressure-washer HOSE FITTINGS

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: X22MSF15-04K / X22MSF15-05K / X22MSF15-06K

MSF_K - Pressure-washer HOSE FITTINGS

Part code	Metric thread (mm x pitch)	Hose tail (in)
X22MSF15-04K	22 x 1.5	1/4
X22MSF15-05K	22 x 1.5	5/16
X22MSF15-06K	22 x 1.5	3/8

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

031 / BJF - JAPANESE FEMALE STRAIGHT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: X04BJF04 / X06BJF06 / X08BJF08 / X12BJF12 / X16BJF16 / X20BJF20

BJF - JAPANESE FEMALE STRAIGHT

Part code	Thread size (notation)	Hose tail (in)
X04BJF04	1/4	1/4
X06BJF06	3/8	3/8
X08BJF08	1/2	1/2
X12BJF12	3/4	3/4
X16BJF16	1	1
X20BJF20	1 1/4	1 1/4

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

032 / NW - STAPLE LOCK MALE STRAIGHT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: NW06-04 / NW10-04 / NW10-06 / NW13-08 / NW20-12 / NW25-16 / NW32-20

NW - STAPLE LOCK MALE STRAIGHT

Part code	Thread size (notation)	Dash (-)	Hose tail (in)
NW06-04	1/4	-4	1/4
NW10-04	1/4	-4	1/4
NW10-06	3/8	6	3/8
NW13-08	1/2	8	1/2
NW20-12	3/4	12	3/4
NW25-16	1	16	1

NW - STAPLE LOCK MALE STRAIGHT

Part code	Thread size (notation)	Dash (-)	Hose tail (in)
NW32-20	1 1/4	20	1 1/4

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

[Application & quotation checklist](#)

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

033 / MOSE - STANDPIPES - STRAIGHT

Connection components selected by thread, sealing form, dimensions and operating duty.

Family reference: X06BJ06

Ordering references: X06MOSE04 / X08MOSE04 / X08MOSE06 / X10MOSE04 / X10MOSE06 / X12MOSE04 / X12MOSE06 / X12MOSE08 / X14MOSE06 / X14MOSE08 / X15MOSE06 / X15MOSE08 / X16MOSE08 / X18MOSE08 / X18MOSE10 / X18MOSE12 / X20MOSE10 / X20MOSE12 / X22MOSE12 / X22MOSE16 / X25MOSE12 / X25MOSE16 / X28MOSE16 / X30MOSE16 / X30MOSE20 / X42MOSE24

MOSE - STANDPIPES - STRAIGHT

Part code	Pipe size (notation)	Hose tail (in)
X06MOSE04	6 mm	1/4
X08MOSE04	8 mm	1/4
X08MOSE06	8 mm	3/8
X10MOSE04	10 mm	1/4
X10MOSE06	10 mm	3/8
X12MOSE04	12 mm	1/4
X12MOSE06	12 mm	3/8
X12MOSE08	12 mm	1/2
X14MOSE06	14 mm	3/8
X14MOSE08	14 mm	1/2

MOSE - STANDPIPES - STRAIGHT

Part code	Pipe size (notation)	Hose tail (in)
X15MOSE06	15 mm	3/8
X15MOSE08	15 mm	1/2
X16MOSE08	16 mm	1/2
X18MOSE08	18 mm	1/2
X18MOSE10	18 mm	5/8
X18MOSE12	18 mm	3/4
X20MOSE10	20 mm	5/8
X20MOSE12	20 mm	3/4
X22MOSE12	22 mm	3/4
X22MOSE16	22 mm	1
X25MOSE12	25 mm	3/4
X25MOSE16	25 mm	1
X28MOSE16	28 mm	1
X30MOSE16	30 mm	1
X30MOSE20	30 mm	1 1/4
X42MOSE24	42 mm	1 1/2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

034 / MOSE 90 - STANDPIPES - 90°

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: X06MOSE90S04 / X08MOSE90S04 / X10MOSE90S04 / X10MOSE90S06 / X12MOSE90S04 / X12MOSE90S06 / X14MOSE90S06 / X15MOSE90S06 / X15MOSE90S08 / X16MOSE90S08 / X18MOSE90S08 / X18MOSE90S10 / X20MOSE90S10 / X20MOSE90S12 / X22MOSE90S12 / X25MOSE90S12 / X25MOSE90S16 / X28MOSE90S16

MOSE 90 - STANDPIPES - 90°

Part code	Pipe size (notation)	Hose tail (in)
X06MOSE90S04	6 mm	1/4
X08MOSE90S04	8 mm	1/4
X10MOSE90S04	10 mm	1/4
X10MOSE90S06	10 mm	3/8
X12MOSE90S04	12 mm	1/4
X12MOSE90S06	12 mm	3/8
X14MOSE90S06	14 mm	3/8
X15MOSE90S06	15 mm	3/8
X15MOSE90S08	15 mm	1/2
X16MOSE90S08	16 mm	1/2
X18MOSE90S08	18 mm	1/2
X18MOSE90S10	18 mm	5/8
X20MOSE90S10	20 mm	5/8
X20MOSE90S12	20 mm	3/4
X22MOSE90S12	22 mm	3/4
X25MOSE90S12	25 mm	3/4
X25MOSE90S16	25 mm	1
X28MOSE90S16	28 mm	1

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

035 / MOSE 45 - STANDPIPES - 45°

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: X06MOSE45S04 / X08MOSE45S04 / X10MOSE45S04 / X10MOSE45S06 / X12MOSE45S04 / X12MOSE45S06 / X15MOSE45S06 / X15MOSE45S08 / X16MOSE45S08 / X18MOSE45S10 / X20MOSE45S10 / X22MOSE45S12 / X25MOSE45S12 / X25MOSE45S16

MOSE 45 - STANDPIPES - 45°

Part code	Hose tail (in)
X06MOSE45S04	1/4
X08MOSE45S04	1/4
X10MOSE45S04	1/4
X10MOSE45S06	3/8
X12MOSE45S04	1/4
X12MOSE45S06	3/8
X15MOSE45S06	3/8
X15MOSE45S08	1/2
X16MOSE45S08	1/2
X18MOSE45S10	5/8
X20MOSE45S10	5/8
X22MOSE45S12	3/4
X25MOSE45S12	3/4
X25MOSE45S16	1

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

036 / BJ - BANJO FITTINGS

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: X04BJ04 / X06BJ06 / X08BJ08 / X10BJ04 / X12BJ04 / X12BJ12 / X14BJ04 / X14BJ06 / X14BJ08 / X16BJ04 / X16BJ06 / X18BJ06 / X18BJ08 / X22BJ08

BJ - BANJO FITTINGS

Part code	Banjo size (in)	Hose tail (in)
X04BJ04	1/4	1/4
X10BJ04	5/8	1/4
X12BJ04	3/4	1/4
X14BJ04	7/8	1/4
X16BJ04	1	1/4
X06BJ06	3/8	3/8
X14BJ06	7/8	3/8
X16BJ06	1	3/8
X18BJ06	1 1/8	3/8
X08BJ08	1/2	1/2
X14BJ08	7/8	1/2
X18BJ08	1 1/8	1/2
X22BJ08	1 3/8	1/2
X12BJ12	3/4	3/4

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

[Application & quotation checklist](#)

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

037 / SFH3000 - 3000 SERIES FLANGE - STRAIGHT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: S08SFH-3-08 / S08SFH-3-12 / S12SFH-3-08 / S12SFH-3-12 / S12SFH-3-16 / S16SFH-3-12 / S16SFH-3-16 / S16SFH-3-20 / S20SFH-3-16 / S20SFH-3-20 / S20SFH-3-24 / S24SFH-3-20 / S24SFH-3-24 / S32SFH-3-24 / S32SFH-3-32

SFH3000 - 3000 SERIES FLANGE - STRAIGHT

Part code	Nominal flange size	Flange outside diameter (mm)	Hose tail (in)
S08SFH-3-08	1/2	30.2	1/2
S08SFH-3-12	1/2	30.2	3/4
S12SFH-3-08	3/4	38.1	1/2
S12SFH-3-12	3/4	38.1	3/4
S12SFH-3-16	3/4	38.1	1
S16SFH-3-12	1	44.5	3/4
S16SFH-3-16	1	44.5	1
S16SFH-3-20	1	44.5	1 1/4
S20SFH-3-16	1 1/4	50.8	1
S20SFH-3-20	1 1/4	50.8	1 1/4
S20SFH-3-24	1 1/4	50.8	1 1/2
S24SFH-3-20	1 1/2	60.3	1 1/4
S24SFH-3-24	1 1/2	60.3	1 1/2
S32SFH-3-24	2	71.4	1 1/2
S32SFH-3-32	2	71.4	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

038 / SFH3000 - 90 - 3000 SERIES FLANGE - 90°

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: S08SFH90S-3-08 / S12SFH90S-3-08 / S12SFH90S-3-12 / S12SFH90S-3-16 / S16SFH90S-3-12 / S16SFH90S-3-16 / S16SFH90S-3-20 / S20SFH90S-3-16 / S20SFH90S-3-20 / S24SFH90S-3-20 / S24SFH90S-3-24 / S32SFH90S-3-24 / S32SFH90S-3-32

SFH3000 - 90 - 3000 SERIES FLANGE - 90°

Part code	Nominal flange size	Flange outside diameter (mm)	Hose tail (in)
S08SFH90S-3-08	1/2	30.2	1/2
S12SFH90S-3-08	3/4	38.1	1/2
S12SFH90S-3-12	3/4	38.1	3/4
S12SFH90S-3-16	3/4	38.1	1
S16SFH90S-3-12	1	44.5	3/4
S16SFH90S-3-16	1	44.5	1
S16SFH90S-3-20	1	44.5	1 1/4
S20SFH90S-3-16	1 1/4	50.8	1
S20SFH90S-3-20	1 1/4	50.8	1 1/4
S24SFH90S-3-20	1 1/2	60.3	1 1/4
S24SFH90S-3-24	1 1/2	60.3	1 1/2
S32SFH90S-3-24	2	71.4	1 1/2
S32SFH90S-3-32	2	71.4	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

[Application & quotation checklist](#)

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

039 / SFH3000 - 45 - 3000 SERIES FLANGE - 45°

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: S08SFH45S-3-08 / S12SFH45S-3-08 / S12SFH45S-3-12 / S12SFH45S-3-16 / S16SFH45S-3-12 / S16SFH45S-3-16 / S16SFH45S-3-20 / S20SFH45S-3-16 / S20SFH45S-3-20 / S24SFH45S-3-20 / S24SFH45S-3-24 / S32SFH45S-3-24 / S32SFH45S-3-32

SFH3000 - 45 - 3000 SERIES FLANGE - 45°

Part code	Nominal flange size	Flange outside diameter (mm)	Hose tail (in)
S08SFH45S-3-08	1/2	30.2	1/2
S12SFH45S-3-08	3/4	38.1	1/2
S12SFH45S-3-12	3/4	38.1	3/4
S12SFH45S-3-16	3/4	38.1	1
S16SFH45S-3-12	1	44.5	3/4
S16SFH45S-3-16	1	44.5	1
S16SFH45S-3-20	1	44.5	1 1/4
S20SFH45S-3-16	1 1/4	50.8	1
S20SFH45S-3-20	1 1/4	50.8	1 1/4
S24SFH45S-3-20	1 1/2	60.3	1 1/4
S24SFH45S-3-24	1 1/2	60.3	1 1/2
S32SFH45S-3-24	2	71.4	1 1/2
S32SFH45S-3-32	2	71.4	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

[Application & quotation checklist](#)

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

040 / SFH6000 - 6000 SERIES FLANGE - STRAIGHT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: S12SFH-6-08 / S12SFH-6-12 / S12SFH-6-16 / S16SFH-6-12 / S16SFH-6-16 / S16SFH-6-20 / S20SFH-6-16 / S20SFH-6-20 / S24SFH-6-20 / S24SFH-6-24 / S32SFH-6-24 / S32SFH-6-32

[SFH6000 - 6000 SERIES FLANGE - STRAIGHT](#)

Part code	Nominal flange size	Flange outside diameter (mm)	Hose tail (in)
S12SFH-6-08	3/4	41.3	1/2
S12SFH-6-12	3/4	41.3	3/4
S12SFH-6-16	3/4	41.3	1
S16SFH-6-12	1	47.6	3/4
S16SFH-6-16	1	47.6	1
S16SFH-6-20	1	47.6	1 1/4
S20SFH-6-16	1 1/4	54.0	1
S20SFH-6-20	1 1/4	54.0	1 1/4
S24SFH-6-20	1 1/2	63.5	1 1/4
S24SFH-6-24	1 1/2	63.5	1 1/2
S32SFH-6-24	2	79.4	1 1/2
S32SFH-6-32	2	79.4	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

[Application & quotation checklist](#)

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

041 / SFH6000 - 90 - 6000 SERIES FLANGE - 90°

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: S12SFH90S-6-08 / S12SFH90S-6-12 / S12SFH90S-6-16 / S16SFH90S-6-12 / S16SFH90S-6-16 / S16SFH90S-6-20 / S20SFH90S-6-16 / S20SFH90S-6-20 / S24SFH90S-6-20 / S24SFH90S-6-24 / S32SFH90S-6-24 / S32SFH90S-6-32

SFH6000 - 90 - 6000 SERIES FLANGE - 90°

Part code	Nominal flange size	Flange outside diameter (mm)	Hose tail (in)
S12SFH90S-6-08	3/4	41.3	1/2
S12SFH90S-6-12	3/4	41.3	3/4
S12SFH90S-6-16	3/4	41.3	1
S16SFH90S-6-12	1	47.6	3/4
S16SFH90S-6-16	1	47.6	1
S16SFH90S-6-20	1	47.6	1 1/4
S20SFH90S-6-16	1 1/4	54.0	1
S20SFH90S-6-20	1 1/4	54.0	1 1/4
S24SFH90S-6-20	1 1/2	63.5	1 1/4
S24SFH90S-6-24	1 1/2	63.5	1 1/2
S32SFH90S-6-24	2	79.4	1 1/2
S32SFH90S-6-32	2	79.4	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

042 / SFH6000 - 45 - 6000 SERIES FLANGE - 45°

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: S12SFH45S-6-08 / S12SFH45S-6-12 / S12SFH45S-6-16 / S16SFH45S-6-12 / S16SFH45S-6-16 / S16SFH45S-6-20 / S20SFH45S-6-16 / S20SFH45S-6-20 / S24SFH45S-6-20 / S24SFH45S-6-24 / S32SFH45S-6-24 / S32SFH45S-6-32

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

This family is specified to the required application and configuration. The quotation confirms the selected material, dimensions and operating rating; no universal rating is implied for every option.

043 / SFH9000 - 9000 SERIES FLANGE - STRAIGHT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: S12SFH-9-12 / S16SFH-9-12 / S16SFH-9-16 / S20SFH-9-16 / S20SFH-9-20 / S24SFH-9-20 / S24SFH-9-24

SFH9000 - 9000 SERIES FLANGE - STRAIGHT

Part code	Nominal flange size	Flange outside diameter (mm)	Hose tail (in)
S12SFH-9-12	3/4	41.3	3/4
S16SFH-9-12	1	47.6	3/4
S16SFH-9-16	1	47.6	1
S20SFH-9-16	1 1/4	54.0	1
S20SFH-9-20	1 1/4	54.0	1 1/4
S24SFH-9-20	1 1/2	63.5	1 1/4
S24SFH-9-24	1 1/2	63.5	1 1/2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

044 / SFH9000 - 90 - 9000 SERIES FLANGE - 90°

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: S12SFH90S-9-12 / S16SFH90S-9-12 / S16SFH90S-9-16 / S20SFH90S-9-16 / S20SFH90S-9-20 / S24SFH90S-9-20 / S24SFH90S-9-24

SFH9000 - 90 - 9000 SERIES FLANGE - 90°

Part code	Nominal flange size	Flange outside diameter (mm)	Hose tail (in)
S12SFH90S-9-12	3/4	41.3	3/4
S16SFH90S-9-12	1	47.6	3/4
S16SFH90S-9-16	1	47.6	1
S20SFH90S-9-16	1 1/4	54.0	1
S20SFH90S-9-20	1 1/4	54.0	1 1/4
S24SFH90S-9-20	1 1/2	63.5	1 1/4
S24SFH90S-9-24	1 1/2	63.5	1 1/2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

045 / SFH9000 - 45 - 9000 SERIES FLANGE - 45°

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: S12SFH45S-9-12 / S16SFH45S-9-12 / S16SFH45S-9-16 / S20SFH45S-9-16 / S20SFH45S-9-20 / S24SFH45S-9-20 / S24SFH45S-9-24

SFH9000 - 45 - 9000 SERIES FLANGE - 45°

Part code	Nominal flange size	Flange outside diameter (mm)	Hose tail (in)
S12SFH45S-9-12	3/4	41.3	3/4
S16SFH45S-9-12	1	47.6	3/4
S16SFH45S-9-16	1	47.6	1
S20SFH45S-9-16	1 1/4	54.0	1
S20SFH45S-9-20	1 1/4	54.0	1 1/4

SFH9000 - 45 - 9000 SERIES FLANGE - 45°

Part code	Nominal flange size	Flange outside diameter (mm)	Hose tail (in)
S24SFH45S-9-20	1 1/2	63.5	1 1/4
S24SFH45S-9-24	1 1/2	63.5	1 1/2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

046 / SF3000 - 3000 SERIES SPLIT FLANGES

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: SF3000-08 / SF3000-12 / SF3000-16 / SF3000-20 / SF3000-24 / SF3000-32

SF3000 - 3000 SERIES SPLIT FLANGES

Part code	Nominal flange size
SF3000-08	1/2
SF3000-12	3/4
SF3000-16	1
SF3000-20	1 1/4
SF3000-24	1 1/2
SF3000-32	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

047 / SF6000 - 6000 SERIES SPLIT FLANGES

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: SF6000-08 / SF6000-12 / SF6000-16 / SF6000-20 / SF6000-24 / SF6000-32

SF6000 - 6000 SERIES SPLIT FLANGES

Part code	Nominal flange size
SF6000-08	1/2
SF6000-12	3/4
SF6000-16	1
SF6000-20	1 1/4
SF6000-24	1 1/2
SF6000-32	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

048 / IL_JF - INTERLOCK - JIC FEMALE - STRAIGHT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: IL17JF12 / IL21JF16 / IL26JF20 / IL30JF24 / IL40JF32

IL_JF - INTERLOCK - JIC FEMALE - STRAIGHT

Part code	JIC thread size (in)	Dash (-)	Hose tail (in)
IL17JF12	1 1/16	12	3/4
IL21JF16	1 5/16	16	1
IL26JF20	1 5/8	20	1 1/4

IL_JF - INTERLOCK - JIC FEMALE - STRAIGHT

Part code	JIC thread size (in)	Dash (-)	Hose tail (in)
IL30JF24	1 7/8	24	1 1/2
IL40JF32	2 1/2	32	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

049 / IL_J90 - INTERLOCK - JIC FEMALE - 90°

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: IL17J90S12 / IL21J90S16 / IL26J90S20 / IL30J90S24 / IL40J90S32

IL_J90 - INTERLOCK - JIC FEMALE - 90°

Part code	JIC thread size (in)	Dash (-)	Hose tail (in)
IL17J90S12	1 1/16	12	3/4
IL21J90S16	1 5/16	16	1
IL26J90S20	1 5/8	20	1 1/4
IL30J90S24	1 7/8	24	1 1/2
IL40J90S32	2 1/2	32	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

050 / IL_J45 - INTERLOCK - JIC FEMALE - 45°

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: IL17J45S12 / IL21J45S16 / IL26J45S20 / IL30J45S24 / IL40J45S32

IL_J45 - INTERLOCK - JIC FEMALE - 45°

Part code	JIC thread size (in)	Dash (-)	Hose tail (in)
IL17J45S12	1 1/16	12	3/4
IL21J45S16	1 5/16	16	1
IL26J45S20	1 5/8	20	1 1/4
IL30J45S24	1 7/8	24	1 1/2
IL40J45S32	2 1/2	32	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

051 / IL_BF - INTERLOCK - BSP FEMALE - STRAIGHT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: IL12BF12 / IL16BF16 / IL20BF20 / IL24BF24

IL_BF - INTERLOCK - BSP FEMALE - STRAIGHT

Part code	BSP thread size (in)	Dash (-)	Hose tail (in)
IL12BF12	3/4	12	3/4
IL16BF16	1	16	1
IL20BF20	1 1/4	20	1 1/4
IL24BF24	1 1/2	24	1 1/2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

052 / IL_BF - INTERLOCK - BSP FEMALE - 90°

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: IL16B90S16 / IL20B90S20

IL_BF - INTERLOCK - BSP FEMALE - 90°

Part code	BSP thread size (in)	Dash (-)	Hose tail (in)
IL16B90S16	1	16	1
IL20B90S20	1 1/4	20	1 1/4

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

053 / IL_NM - INTERLOCK - NPT MALE - STRAIGHT

Connection components selected by thread, sealing form, dimensions and operating duty.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

This family is specified to the required application and configuration. The quotation confirms the selected material, dimensions and operating rating; no universal rating is implied for every option.

054 / IL_LORF - INTERLOCK - LORF FEMALE - STRAIGHT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: IL12LORF12 / IL16LORF16 / IL20LORF16 / IL20LORF20

IL_LORF - INTERLOCK - LORF FEMALE - STRAIGHT

Part code	Thread size (notation)
IL12LORF12	1 3/16-12
IL16LORF16	1 7/16-12

IL_LORF - INTERLOCK - LORF FEMALE - STRAIGHT

Part code	Thread size (notation)
IL20LORF20	1 11/16-12

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

[Application & quotation checklist](#)

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

055 / IL_LORF90 - INTERLOCK - LORF FEMALE - 90°

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: IL12LORF90S12 / IL16LORF90S16 / IL20LORF90S20

IL_LORF90 - INTERLOCK - LORF FEMALE - 90°

Part code	Thread size (notation)
IL12LORF90S12	1 3/16-12
IL16LORF90S16	1 7/16-12
IL20LORF90S20	1 11/16-12

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

[Application & quotation checklist](#)

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

056 / IL_MSF - INTERLOCK - METRIC FEMALE - STRAIGHT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: IL36MSF25-12 / IL42MSF30-16 / IL52MSF38-20

IL_MSF - INTERLOCK - METRIC FEMALE - STRAIGHT

Part code	Metric thread (mm x pitch)	Pipe size (notation)	Hose tail (in)
IL36MSF25-12	36 x 2	25S	3/4
IL42MSF30-16	42 x 2	30S	1
IL52MSF38-20	52 x 2	38S	1 1/4

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

057 / IL_MSF - INTERLOCK - METRIC FEMALE - 90°

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: IL36MSF90-2512 / IL36MSF90-2516 / IL42MSF90-3016 / IL52MSF90-3820

IL_MSF - INTERLOCK - METRIC FEMALE - 90°

Part code	Metric thread (mm x pitch)	Pipe size (notation)	Hose tail (in)
IL36MSF90-2512	36 x 2	25S	3/4
IL36MSF90-2516	36 x 2	25S	1
IL42MSF90-3016	42 x 2	30S	1
IL52MSF90-3820	52 x 2	38S	1 1/4

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

058 / IL_MSF - INTERLOCK - METRIC FEMALE - 45°

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: IL36MSF45-2512 / IL42MSF45-3016 / IL52MSF45-3820

IL_MSIF - INTERLOCK - METRIC FEMALE - 45°

Part code	Metric thread (mm x pitch)	Pipe size (notation)	Hose tail (in)
IL36MSF45-2512	36 x 2	25S	3/4
IL42MSF45-3016	42 x 2	30S	1
IL52MSF45-3820	52 x 2	38S	1 1/4

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

059 / IL_SFIF3000 - INTERLOCK - 3000 SERIES FLANGE - STRAIGHT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: IL12SFIF-3-12 / IL12SFIF-3-16 / IL16SFIF-3-12 / IL16SFIF-3-16 / IL20SFIF-3-16 / IL20SFIF-3-20 / IL24SFIF-3-20 / IL24SFIF-3-24 / IL32SFIF-3-32

IL_SFIF3000 - INTERLOCK - 3000 SERIES FLANGE - STRAIGHT

Part code	Nominal flange size	Flange outside diameter (mm)	Hose tail (in)
IL12SFIF-3-12	3/4	38.1	3/4
IL12SFIF-3-16	3/4	38.1	1
IL16SFIF-3-12	1	44.5	3/4
IL16SFIF-3-16	1	44.5	1
IL20SFIF-3-16	1 1/4	50.8	1
IL20SFIF-3-20	1 1/4	50.8	1 1/4
IL24SFIF-3-20	1 1/2	60.3	1 1/4
IL24SFIF-3-24	1 1/2	60.3	1 1/2

IL_SF3000 - INTERLOCK - 3000 SERIES FLANGE - STRAIGHT

Part code	Nominal flange size	Flange outside diameter (mm)	Hose tail (in)
IL32SFH-3-32	2	71.4	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

060 / IL_SF3000 90 - INTERLOCK - 3000 SERIES FLANGE - 90°

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: IL12SFH90-3-12 / IL12SFH90-3-16 / IL16SFH90-3-12 / IL16SFH90-3-16 / IL20SFH90-3-16 / IL20SFH90-3-20 / IL24SFH90-3-20 / IL24SFH90-3-24 / IL32SFH90-3-32

IL_SF3000 90 - INTERLOCK - 3000 SERIES FLANGE - 90°

Part code	Nominal flange size	Flange outside diameter (mm)	Hose tail (in)
IL12SFH90-3-12	3/4	38.1	3/4
IL12SFH90-3-16	3/4	38.1	1
IL16SFH90-3-12	1	44.5	3/4
IL16SFH90-3-16	1	44.5	1
IL20SFH90-3-16	1 1/4	50.8	1
IL20SFH90-3-20	1 1/4	50.8	1 1/4
IL24SFH90-3-20	1 1/2	60.3	1 1/4
IL24SFH90-3-24	1 1/2	60.3	1 1/2
IL32SFH90-3-32	2	71.4	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

061 / IL_SF3000 45 - INTERLOCK - 3000 SERIES FLANGE - 45°

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: IL12SFH45-3-12 / IL12SFH45-3-16 / IL16SFH45-3-12 / IL16SFH45-3-16 / IL20SFH45-3-16 / IL20SFH45-3-20 / IL24SFH45-3-20 / IL24SFH45-3-24 / IL32SFH45-3-24 / IL32SFH45-3-32

IL_SF3000 45 - INTERLOCK - 3000 SERIES FLANGE - 45°

Part code	Nominal flange size	Flange outside diameter (mm)	Hose tail (in)
IL12SFH45-3-12	3/4	38.1	3/4
IL12SFH45-3-16	3/4	38.1	1
IL16SFH45-3-12	1	44.5	3/4
IL16SFH45-3-16	1	44.5	1
IL20SFH45-3-16	1 1/4	50.8	1
IL20SFH45-3-20	1 1/4	50.8	1 1/4
IL24SFH45-3-20	1 1/2	60.3	1 1/4
IL24SFH45-3-24	1 1/2	60.3	1 1/2
IL32SFH45-3-24	2	71.4	1 1/2
IL32SFH45-3-32	2	71.4	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

062 / IL_SF6000 - INTERLOCK - 6000 SERIES FLANGE - STRAIGHT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: IL12SFH-6-12 / IL12SFH-6-16 / IL16SFH-6-12 / IL16SFH-6-16 / IL20SFH-6-16 / IL20SFH-6-20 / IL24SFH-6-20 / IL24SFH-6-24 / IL32SFH-6-32

IL_SF6000 - INTERLOCK - 6000 SERIES FLANGE - STRAIGHT

Part code	Nominal flange size	Flange outside diameter (mm)	Hose tail (in)
IL12SFH-6-12	3/4	41.3	3/4
IL16SFH-6-12	1	47.6	3/4
IL12SFH-6-16	3/4	41.3	1
IL16SFH-6-16	1	47.6	1
IL20SFH-6-16	1 1/4	54.0	1
IL20SFH-6-20	1 1/4	54.0	1 1/4
IL24SFH-6-20	1 1/2	63.5	1 1/4
IL24SFH-6-24	1 1/2	63.5	1 1/2
IL32SFH-6-32	2	79.4	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

063 / IL_SF6000 90 - INTERLOCK - 6000 SERIES FLANGE - 90°

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: IL12SFH90-6-12 / IL12SFH90-6-16 / IL16SFH90-6-12 / IL16SFH90-6-16 / IL20SFH90-6-16 / IL20SFH90-6-20 / IL24SFH90-6-20 / IL24SFH90-6-24 / IL32SFH90-6-32

IL_SF6000 90 - INTERLOCK - 6000 SERIES FLANGE - 90°

Part code	Nominal flange size	Flange outside diameter (mm)	Hose tail (in)
IL12SFH90-6-12	3/4	41.3	3/4
IL16SFH90-6-12	1	47.6	3/4
IL12SFH90-6-16	3/4	41.3	1

IL_SF6000 90 - INTERLOCK - 6000 SERIES FLANGE - 90°

Part code	Nominal flange size	Flange outside diameter (mm)	Hose tail (in)
IL16SFH90-6-16	1	47.6	1
IL20SFH90-6-16	1 1/4	54.0	1
IL20SFH90-6-20	1 1/4	54.0	1 1/4
IL24SFH90-6-20	1 1/2	63.5	1 1/4
IL24SFH90-6-24	1 1/2	63.5	1 1/2
IL32SFH90-6-32	2	79.4	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

064 / IL_SF6000 45 - INTERLOCK - 6000 SERIES FLANGE - 45°

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: IL12SFH45-6-12 / IL16SFH45-6-12 / IL16SFH45-6-16 / IL20SFH45-6-16 / IL20SFH45-6-20 / IL24SFH45-6-20 / IL24SFH45-6-24 / IL32SFH45-6-32

IL_SF6000 45 - INTERLOCK - 6000 SERIES FLANGE - 45°

Part code	Nominal flange size	Flange outside diameter (mm)	Hose tail (in)
IL12SFH45-6-12	3/4	41.3	3/4
IL16SFH45-6-12	1	47.6	3/4
IL16SFH45-6-16	1	47.6	1
IL20SFH45-6-16	1 1/4	54.0	1
IL20SFH45-6-20	1 1/4	54.0	1 1/4
IL24SFH45-6-20	1 1/2	63.5	1 1/4

IL_SF6000 45 - INTERLOCK - 6000 SERIES FLANGE - 45°

Part code	Nominal flange size	Flange outside diameter (mm)	Hose tail (in)
IL24SFH45-6-24	1 1/2	63.5	1 1/2
IL32SFH45-6-32	2	79.4	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

065 / R2T - REUSABLE FITTINGS - SLEEVES

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: R2T-04 / R2T-06 / R2T-08 / R2T-12 / R2T-16

R2T - REUSABLE FITTINGS - SLEEVES

Part code	Nominal hose size	Dash (-)	Hose tail (in)
R2T-04	1/4	-4	1/4
R2T-06	3/8	-6	3/8
R2T-08	1/2	-8	1/2
R2T-12	3/4	-12	3/4
R2T-16	1	-16	1

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

066 / R_BF - REUSABLE FITTINGS - BSP FEMALE STRAIGHT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: R04BF04 / R06BF06 / R08BF08 / R12BF12 / R16BF16

R_BF - REUSABLE FITTINGS - BSP FEMALE STRAIGHT

Part code	BSP thread size (in)	Dash (-)	Hose tail (in)
R04BF04	1/4	-4	1/4
R06BF06	3/8	-6	3/8
R08BF08	1/2	-8	1/2
R12BF12	3/4	-12	3/4
R16BF16	1	-16	1

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

067 / R_B90 - REUSABLE FITTINGS - BSP 90°

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: R04B90S04 / R06B90S06 / R08B90S08 / R12B90S12 / R16B90S16

R_B90 - REUSABLE FITTINGS - BSP 90°

Part code	BSP thread size (in)	Dash (-)	Hose tail (in)
R04B90S04	1/4	-4	1/4
R06B90S06	3/8	-6	3/8
R08B90S08	1/2	-8	1/2
R12B90S12	3/4	-12	3/4
R16B90S16	1	-16	1

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

068 / R_NM - REUSABLE FITTINGS - NPT MALE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: R04NM04 / R06NM06 / R08NM08 / R12NM12 / R16NM16

R_NM - REUSABLE FITTINGS - NPT MALE

Part code	NPT thread size (in)	Dash (-)	Hose tail (in)
R04NM04	1/4	-4	1/4
R06NM06	3/8	-6	3/8
R08NM08	1/2	-8	1/2
R12NM12	3/4	-12	3/4
R16NM16	1	-16	1

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

069 / R_JF - REUSABLE FIITINGS - JIC FEMALE STRAIGHT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: R07JF04 / R08JF04 / R09JF04 / R09JF06 / R12JF06 / R12JF08 / R14JF08 / R17JF12 / R21JF16

R_JF - REUSABLE FIITINGS - JIC FEMALE STRAIGHT

Part code	JIC thread size (in)	Dash (-)	Hose tail (in)
R07JF04	7/16	-4	1/4
R08JF04	Confirm	-5	1/4

R_JF - REUSABLE FIITINGS - JIC FEMALE STRAIGHT

Part code	JIC thread size (in)	Dash (-)	Hose tail (in)
R09JF04	9/16	-6	1/4
R09JF06	9/16	-6	3/8
R12JF06	3/4	-8	3/8
R12JF08	3/4	-8	1/2
R14JF08	7/8	-10	1/2
R17JF12	1 1/16	-12	3/4
R21JF16	1 5/16	-16	1

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

070 / R_J90 - REUSABLE FIITINGS - JIC FEMALE 90°

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: R07J90S04 / R08J90S04 / R09J90S04 / R09J90S06 / R12J90S06 / R12J90S08 / R14J90S08 / R17J90S12 / R21J90S16

R_J90 - REUSABLE FIITINGS - JIC FEMALE 90°

Part code	JIC thread size (in)	Dash (-)	Hose tail (in)
R07J90S04	7/16	-4	1/4
R08J90S04	1/2	-5	1/4
R09J90S04	9/16	-6	1/4
R09J90S06	9/16	-6	3/8
R12J90S06	3/4	-8	3/8

R_J90 - REUSABLE FIITINGS - JIC FEMALE 90°

Part code	JIC thread size (in)	Dash (-)	Hose tail (in)
R12J90S08	3/4	-8	1/2
R14J90S08	7/8	-10	1/2
R17J90S12	1 1/16	-12	3/4
R21J90S16	1 5/16	-16	1

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

071 / R_JM - REUSABLE FIITINGS - JIC MALE STRAIGHT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: R08JM04 / R09JM04 / R12JM06 / R17JM12

R_JM - REUSABLE FIITINGS - JIC MALE STRAIGHT

Part code	JIC thread size (in)	Dash (-)	Hose tail (in)
R08JM04	1/2	-5	1/4
R09JM04	9/16	-6	1/4
R12JM06	3/4	-8	3/8
R17JM12	1 1/16	-12	3/4

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

072 / 30682 - BRASS PUSHLOCK FITTINGS - JIC FEMALE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 30682-04-04B / 30682-05-04B / 30682-06-04B / 30682-06-06B / 30682-08-06B / 30682-08-08B / 30682-08-10B / 30682-10-08B / 30682-10-10B / 30682-12-12B / 30882-06-06B

30682 - BRASS PUSHLOCK FITTINGS - JIC FEMALE

Part code	JIC thread size (in)	Hose tail (in)
30682-04-04B	7/16	1/4
30682-05-04B	1/2	1/4
30682-06-04B	Confirm	1/4
30682-06-06B	9/16	3/8
30682-08-06B	3/4	3/8
30682-08-08B	3/4	1/2
30682-08-10B	Confirm	5/8
30682-10-08B	7/8	Confirm
30682-10-10B	7/8	5/8
30682-12-12B	1 1/16	3/4
30882-06-06B	5/8-18 SAE	3/8

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

073 / 30182 - BRASS PUSHLOCK FITTINGS - NPT MALE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 30182-02-04B / 30182-04-04B / 30182-04-06B / 30182-04-08B / 30182-06-04B / 30182-06-06B / 30182-06-08B / 30182-08-06B / 30182-08-08B / 30182-12-08B / 30182-12-12B

30182 - BRASS PUSHLOCK FITTINGS - NPT MALE

Part code	NPT thread size (in)	Hose tail (in)
30182-02-04B	1/8	1/4
30182-04-04B	1/4	1/4
30182-04-06B	1/4	3/8
30182-04-08B	1/4	1/2
30182-06-04B	3/8	1/4
30182-06-06B	3/8	3/8
30182-06-08B	3/8	1/2
30182-08-06B	1/2	3/8
30182-08-08B	1/2	1/2
30182-12-08B	3/4	1/2
30182-12-12B	3/4	3/4

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

074 / 39282 - BRASS PUSHLOCK FITTINGS - BSP FEMALE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 39282-04-04 / 39282-06-06 / 39282-08-08 / 39282-10-10 / 39282-12-12 / 39282-16-16

39282 - BRASS PUSHLOCK FITTINGS - BSP FEMALE

Part code	BSP thread size (in)	Hose tail (in)
39282-04-04	1/4	1/4

39282 - BRASS PUSHLOCK FITTINGS - BSP FEMALE

Part code	BSP thread size (in)	Hose tail (in)
39282-06-06	3/8	3/8
39282-08-08	1/2	1/2
39282-10-10	5/8	5/8
39282-12-12	3/4	3/4
39282-16-16	1	1

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

075 / 38282 - BRASS PUSHLOCK FITTINGS - HOSE JOINER

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 38282-04-04 / 38282-06-06 / 38282-08-08 / 38282-12-12

38282 - BRASS PUSHLOCK FITTINGS - HOSE JOINER

Part code	Hose tail (in)
38282-04-04	1/4
38282-06-06	3/8
38282-08-08	1/2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

076 / TFG - BSP FEMALE PLUGS

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: TFG-02 / TFG-04 / TFG-06 / TFG-08 / TFG-10 / TFG-12 / TFG-16 / TFG-20 / TFG-24 / TFG-32

TFG - BSP FEMALE PLUGS

Part code	BSP thread size (in)	Dash (-)
TFG-02	1/8	2
TFG-04	1/4	4
TFG-06	3/8	6
TFG-08	1/2	8
TFG-10	5/8	10
TFG-12	3/4	12
TFG-16	1	16
TFG-20	1 1/4	20
TFG-24	1 1/2	24
TFG-32	2	32

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

077 / TFU - JIC/UNF FEMALE PLUGS

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: TFU-04 / TFU-05 / TFU-06 / TFU-08 / TFU-10 / TFU-12 / TFU-16 / TFU-20 / TFU-24 / TFU-32

TFU - JIC/UNF FEMALE PLUGS

Part code	JIC thread size (in)	Dash (-)
TFU-04	7/16	4
TFU-05	1/2	5
TFU-06	9/16	6
TFU-08	3/4	8
TFU-10	7/8	10
TFU-12	1 1/16	12
TFU-16	1 5/16	16
TFU-20	1 5/8	20
TFU-24	1 7/8	24
TFU-32	2 1/2	32

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

078 / FL 3000/6000 - FLANGE PLASTIC CAPS - 3000 & 6000 SERIES FLANGES

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: FL3000-08 / FL3000-12 / FL3000-16 / FL3000-20 / FL3000-24 / FL3000-32 / FL6000-12 / FL6000-16 / FL6000-20 / FL6000-24 / FL6000-32

FL 3000/6000 - FLANGE PLASTIC CAPS - 3000 & 6000 SERIES FLANGES

Part code	Thread size (notation)	Dash (-)	Series (-)
FL3000-08	1/2	8	3000
FL3000-12	3/4	12	3000

FL 3000/6000 - FLANGE PLASTIC CAPS - 3000 & 6000 SERIES FLANGES

Part code	Thread size (notation)	Dash (-)	Series (-)
FL3000-16	1	16	3000
FL3000-20	1 1/4	20	3000
FL3000-24	1 1/2	24	3000
FL3000-32	2	32	3000
FL6000-12	3/4	12	6000
FL6000-16	1	16	6000
FL6000-20	1 1/4	20	6000
FL6000-24	1 1/2	24	6000
FL6000-32	2	32	6000

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

079 / TMG - BSP MALE PLUGS

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: TMG-02 / TMG-04 / TMG-06 / TMG-08 / TMG-10 / TMG-12 / TMG-16 / TMG-20 / TMG-24 / TMG-32

TMG - BSP MALE PLUGS

Part code	BSP thread size (in)	Dash (-)
TMG-02	1/8	2
TMG-04	1/4	4
TMG-06	3/8	6

TMG - BSP MALE PLUGS

Part code	BSP thread size (in)	Dash (-)
TMG-08	1/2	8
TMG-10	5/8	10
TMG-12	3/4	12
TMG-16	1	16
TMG-20	1 1/4	20
TMG-24	1 1/2	24
TMG-32	2	32

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

080 / TMU - JIC/UNF MALE PLUGS

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: TMM22X1.5 / TMU-04 / TMU-05 / TMU-06 / TMU-08 / TMU-10 / TMU-12 / TMU-16 / TMU-20 / TMU-24 / TMU-32

TMU - JIC/UNF MALE PLUGS

Part code	Thread size (notation)	Dash (-)
TMU-04	7/16	4
TMU-05	1/2	5
TMU-06	9/16	6
TMU-08	3/4	8
TMU-10	7/8	10

TMU - JIC/UNF MALE PLUGS

Part code	Thread size (notation)	Dash (-)
TMU-12	1 1/16	12
TMU-16	1 5/16	16
TMU-20	1 5/8	20
TMU-24	1 7/8	24
TMU-32	2 1/2	32
TMM22X1.5	22 x 1.5	-

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

081 / QCPM - PLASTIC PLUGS FOR QUICK RELEASE COUPLERS

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: QCPM-02 / QCPM-03 / QCPM-04 / QCPM-05 / QCPM-06

qcpm-coupling-dust-protectors

Part code	Coupling family	DNP size	ISO interface size	Dimension D as labelled (mm)	Dimension D1 as labelled (mm)	Weight
QCPM-02	Ball Type	06	6.3	25.0	19.5	13.0
QCPM-03	Ball Type	10	10.0	31.0	24.5	15.0
QCPM-04	Ball Type	13	12.5	35.0	26.0	20.0
QCPM-05	Ball Type	20	19.0	44.0	33.0	38.0
QCPM-06	Ball Type	25	25.0	50.0	39.0	45.0
QCPM-02	Pin Type	06	6.3	23.5	19.0	7.0

qcpm-coupling-dust-protectors

Part code	Coupling family	DNP size	ISO interface size	Dimension D as labelled (mm)	Dimension D1 as labelled (mm)	Weight
QCPM-03	Pin Type	10	10.0	28.0	22.0	14.0
QCPM-04	Pin Type	13	12.5	35.0	26.0	20.0
QCPM-05	Pin Type	20	19.0	42.0	36.0	33.0
QCPM-06	Pin Type	25	25.0	54.5	41.0	42.0
QCPM-02	Flat Face	06	6.3	32.5	20.0	16.0
QCPM-03	Flat Face	13	10.0	37.0	26.0	21.0
QCPM-04	Flat Face	20	12.5	43.0	31.5	29.0
QCPM-05	Flat Face	25	19.0	53.5	35.0	51.0

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

qcpm-coupling-dust-protectors - construction & conditions

Parameter	Specification
Material	Injection-moulded PVC
Configuration	female dust plug

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

082 / QCPF - PLASTIC PLUGS FOR QUICK RELEASE COUPLERS

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: QCPF-02 / QCPF-03 / QCPF-04 / QCPF-05 / QCPF-06

qcpf-coupling-dust-protectors

Part code	Coupling family	DNP size	ISO interface size	Dimension D as labelled (mm)	Dimension D1 as labelled (mm)	Weight
QCPF-02	Ball Type	06	6.3	22.0	19.5	15.0
QCPF-03	Ball Type	10	10.0	26.0	24.5	18.0
QCPF-04	Ball Type	13	12.5	29.0	26.0	21.0
QCPF-05	Ball Type	20	19.0	37.0	33.0	43.0
QCPF-06	Ball Type	25	25.0	41.0	39.0	56.0
QCPF-02	Pin Type	06	6.3	17.5	17.5	8.0
QCPF-03	Pin Type	10	10.0	23.5	22.0	16.0
QCPF-04	Pin Type	13	12.5	29.0	26.0	21.0
QCPF-05	Pin Type	20	19.0	36.5	36.0	39.0
QCPF-06	Pin Type	25	25.0	42.0	42.0	47.0
QCPF-02	Flat Face	06	6.3	26.0	20.0	13.0
QCPF-03	Flat Face	13	10.0	27.5	26.0	15.0
QCPF-04	Flat Face	20	12.5	35.0	31.5	26.0
QCPF-05	Flat Face	25	19.0	43.0	35.0	41.0

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

qcpf-coupling-dust-protectors - construction & conditions

Parameter	Specification
Material	Injection-moulded PVC
Configuration	male dust cap with retaining chain

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

083 / HNB - BSP MALE x BSP MALE ADAPTOR - STRAIGHT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: HNB-02-02 / HNB-04-02 / HNB-04-04 / HNB-06-04 / HNB-06-06 / HNB-08-04 / HNB-08-06 / HNB-08-08 / HNB-10-08 / HNB-10-10 / HNB-12-04 / HNB-12-06 / HNB-12-08 / HNB-12-10 / HNB-12-12 / HNB-16-08 / HNB-16-12 / HNB-16-16 / HNB-20-08 / HNB-20-12 / HNB-20-16 / HNB-20-20 / HNB-24-16 / HNB-24-20 / HNB-24-24 / HNB-32-24 / HNB-32-32

HNB - BSP MALE x BSP MALE ADAPTOR - STRAIGHT

Part code	BSP nominal thread size	BSP nominal thread size
HNB-02-02	1/8	1/8
HNB-04-02	1/4	1/8
HNB-04-04	1/4	1/4
HNB-06-04	3/8	1/4
HNB-06-06	3/8	3/8
HNB-08-04	1/2	1/4
HNB-08-06	1/2	3/8
HNB-08-08	1/2	1/2
HNB-10-08	5/8	1/2
HNB-10-10	5/8	5/8
HNB-12-04	3/4	1/4
HNB-12-06	3/4	3/8
HNB-12-08	3/4	1/2
HNB-12-10	3/4	5/8
HNB-12-12	3/4	3/4
HNB-16-08	1	1/2
HNB-16-12	1	3/4

HNB - BSP MALE x BSP MALE ADAPTOR - STRAIGHT

Part code	BSP nominal thread size	BSP nominal thread size
HNB-16-16	1	1
HNB-20-08	1 1/4	1/2
HNB-20-12	1 1/4	3/4
HNB-20-16	1 1/4	1
HNB-20-20	1 1/4	1 1/4
HNB-24-16	1 1/2	1
HNB-24-20	1 1/2	1 1/4
HNB-24-24	1 1/2	1 1/2
HNB-32-24	2	1 1/2
HNB-32-32	2	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting shape	Straight

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

084 / HNBT - BSP x BSPT MALE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: HNBT-02-02 / HNBT-02-04 / HNBT-04-02 / HNBT-04-04 / HNBT-04-06 / HNBT-04-08 / HNBT-06-04 / HNBT-06-06 / HNBT-06-08 / HNBT-08-04 / HNBT-08-06 / HNBT-08-08 / HNBT-08-12 / HNBT-08-16 / HNBT-10-06 / HNBT-10-08 / HNBT-10-10 / HNBT-12-08 / HNBT-12-12 / HNBT-12-16 / HNBT-16-12 / HNBT-16-16 / HNBT-16-20 / HNBT-20-16 / HNBT-20-20 / HNBT-20-24 / HNBT-24-20 / HNBT-24-24 / HNBT-24-32 / HNBT-32-20 / HNBT-32-24 / HNBT-32-32

HNBT - BSP x BSPT MALE

Part code	BSP nominal thread size	BSPT nominal thread size
HNBT-02-02	1/8	1/8
HNBT-02-04	1/8	1/4
HNBT-04-02	1/4	1/8
HNBT-04-04	1/4	1/4
HNBT-04-06	1/4	3/8
HNBT-04-08	1/4	1/2
HNBT-06-04	3/8	1/4
HNBT-06-06	3/8	3/8
HNBT-06-08	3/8	1/2
HNBT-08-04	1/2	1/4
HNBT-08-06	1/2	3/8
HNBT-08-08	1/2	1/2
HNBT-08-12	1/2	3/4
HNBT-08-16	1/2	1
HNBT-10-06	5/8	3/8
HNBT-10-08	5/8	1/2
HNBT-10-10	5/8	5/8
HNBT-12-08	3/4	1/2
HNBT-12-12	3/4	3/4
HNBT-12-16	3/4	1
HNBT-16-12	1	3/4

HNBT - BSP x BSPT MALE

Part code	BSP nominal thread size	BSPT nominal thread size
HNBT-16-16	1	1
HNBT-16-20	1	1 1/4
HNBT-20-16	1 1/4	1
HNBT-20-20	1 1/4	1 1/4
HNBT-20-24	1 1/4	1 1/2
HNBT-24-20	1 1/2	1 1/4
HNBT-24-24	1 1/2	1 1/2
HNBT-24-32	1 1/2	2
HNBT-32-20	2	1 1/4
HNBT-32-24	2	1 1/2
HNBT-32-32	2	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting shape	Straight

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

085 / HNBTT - BSPT x BSPT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: HNBTT-04-04 / HNBTT-06-04 / HNBTT-06-06 / HNBTT-08-06 / HNBTT-08-08 / HNBTT-12-12 / HNBTT-16-16

HNBTT - BSPT x BSPT

Part code	BSPT nominal thread size	BSPT nominal thread size
HNBTT-04-04	1/4	1/4
HNBTT-06-04	3/8	1/4
HNBTT-06-06	3/8	3/8
HNBTT-08-06	1/2	3/8
HNBTT-08-08	1/2	1/2
HNBTT-12-12	3/4	3/4
HNBTT-16-16	1	1

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting shape	Straight

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

086 / MCJB - JIC X BSP

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: MCJB-04-02 / MCJB-04-04 / MCJB-04-06 / MCJB-04-08 / MCJB-05-04 / MCJB-06-04 / MCJB-06-06 / MCJB-06-08 / MCJB-06-10 / MCJB-06-12 / MCJB-08-04 / MCJB-08-06 / MCJB-08-08 / MCJB-08-10 / MCJB-08-12 / MCJB-08-16 / MCJB-10-06 / MCJB-10-08 / MCJB-10-10 / MCJB-10-12 / MCJB-12-08 / MCJB-12-10 / MCJB-12-12 / MCJB-12-16 / MCJB-12-20 / MCJB-16-12 / MCJB-16-16 / MCJB-16-20 / MCJB-16-24 / MCJB-20-16 / MCJB-20-20 / MCJB-20-24 / MCJB-24-20 / MCJB-24-24 / MCJB-32-32

MCJB - JIC X BSP

Part code	JIC nominal thread size	BSP nominal thread size
MCJB-04-02	7/16	1/8
MCJB-04-04	7/16	1/4
MCJB-04-06	7/16	3/8
MCJB-04-08	7/16	1/2
MCJB-05-04	1/2	1/4
MCJB-06-04	9/16	1/4
MCJB-06-06	9/16	3/8
MCJB-06-08	9/16	1/2
MCJB-06-10	9/16	5/8
MCJB-06-12	9/16	3/4
MCJB-08-04	3/4	1/4
MCJB-08-06	3/4	3/8
MCJB-08-08	3/4	1/2
MCJB-08-10	3/4	5/8
MCJB-08-12	3/4	3/4
MCJB-08-16	3/4	1
MCJB-10-06	7/8	3/8
MCJB-10-08	7/8	1/2
MCJB-10-10	7/8	5/8
MCJB-10-12	7/8	3/4
MCJB-12-08	1 1/16	1/2

MCJB - JIC X BSP

Part code	JIC nominal thread size	BSP nominal thread size
MCJB-12-10	1 1/16	5/8
MCJB-12-12	1 1/16	3/4
MCJB-12-16	1 1/16	1
MCJB-12-20	1 1/16	1 1/4
MCJB-16-12	1 5/16	3/4
MCJB-16-16	1 5/16	1
MCJB-16-20	1 5/16	1 1/4
MCJB-16-24	1 5/16	1 1/2
MCJB-20-16	1 5/8	1
MCJB-20-20	1 5/8	1 1/4
MCJB-20-24	1 5/8	1 1/2
MCJB-24-20	1 7/8	1 1/4
MCJB-24-24	1 7/8	1 1/2
MCJB-32-32	2 1/2	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting shape	Straight

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

087 / 5404 - NPT X NPT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 5404-02-02 / 5404-04-02 / 5404-04-04 / 5404-06-02 / 5404-06-04 / 5404-06-06 / 5404-08-04 / 5404-08-06 / 5404-08-08 / 5404-12-06 / 5404-12-08 / 5404-12-12 / 5404-16-08 / 5404-16-12 / 5404-16-16 / 5404-20-16 / 5404-20-20 / 5404-24-16 / 5404-24-20 / 5404-24-24 / 5404-32-32

5404 - NPT X NPT

Part code	NPT nominal thread size	NPT nominal thread size
5404-02-02	1/8	1/8
5404-04-02	1/4	1/8
5404-04-04	1/4	1/4
5404-06-02	3/8	1/8
5404-06-04	3/8	1/4
5404-06-06	3/8	3/8
5404-08-04	1/2	1/4
5404-08-06	1/2	3/8
5404-08-08	1/2	1/2
5404-12-06	3/4	3/8
5404-12-08	3/4	1/2
5404-12-12	3/4	3/4
5404-16-08	1	1/2
5404-16-12	1	3/4
5404-16-16	1	1
5404-20-16	1 1/4	1
5404-20-20	1 1/4	1 1/4

5404 - NPT X NPT

Part code	NPT nominal thread size	NPT nominal thread size
5404-24-16	1 1/2	1
5404-24-20	1 1/2	1 1/4
5404-24-24	1 1/2	1 1/2
5404-32-32	2	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting shape	Straight

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

088 / 2404 - JIC X NPT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 2404-04-02 / 2404-04-04 / 2404-04-06 / 2404-04-08 / 2404-05-02 / 2404-05-04 / 2404-05-06 / 2404-06-02 / 2404-06-04 / 2404-06-06 / 2404-06-08 / 2404-06-12 / 2404-08-04 / 2404-08-06 / 2404-08-08 / 2404-08-12 / 2404-08-16 / 2404-10-06 / 2404-10-08 / 2404-10-12 / 2404-12-06 / 2404-12-08 / 2404-12-12 / 2404-12-16 / 2404-12-20 / 2404-12-24 / 2404-16-08 / 2404-16-12 / 2404-16-16 / 2404-16-20 / 2404-16-24 / 2404-20-16 / 2404-20-20 / 2404-20-24 / 2404-24-16 / 2404-24-20 / 2404-24-24 / 2404-24-32 / 2404-32-32

2404 - JIC X NPT

Part code	JIC nominal thread size	NPT nominal thread size
2404-04-02	7/16	1/8
2404-04-04	7/16	1/4
2404-04-06	7/16	3/8

2404 - JIC X NPT

Part code	JIC nominal thread size	NPT nominal thread size
2404-04-08	7/16	1/2
2404-05-02	1/2	1/8
2404-05-04	1/2	1/4
2404-05-06	1/2	3/8
2404-06-02	9/16	1/8
2404-06-04	9/16	1/4
2404-06-06	9/16	3/8
2404-06-08	9/16	1/2
2404-06-12	9/16	3/4
2404-08-04	3/4	1/4
2404-08-06	3/4	3/8
2404-08-08	3/4	1/2
2404-08-12	3/4	3/4
2404-08-16	3/4	1
2404-10-06	7/8	3/8
2404-10-08	7/8	1/2
2404-10-12	7/8	3/4
2404-12-06	1 1/16	3/8
2404-12-08	1 1/16	1/2
2404-12-12	1 1/16	3/4
2404-12-16	1 1/16	1

2404 - JIC X NPT

Part code	JIC nominal thread size	NPT nominal thread size
2404-12-20	1 1/16	1 1/4
2404-12-24	1 1/16	1 1/2
2404-16-08	1 5/16	1/2
2404-16-12	1 5/16	3/4
2404-16-16	1 5/16	1
2404-16-20	1 5/16	1 1/4
2404-16-24	1 5/16	1 1/2
2404-20-16	1 5/8	1
2404-20-20	1 5/8	1 1/4
2404-20-24	1 5/8	1 1/2
2404-24-16	1 7/8	1
2404-24-20	1 7/8	1 1/4
2404-24-24	1 7/8	1 1/2
2404-24-32	1 7/8	2
2404-32-32	2 1/2	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting shape	Straight

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

089 / 2403 - JIC X JIC

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 2403-04-04 / 2403-05-04 / 2403-05-05 / 2403-06-04 / 2403-06-05 / 2403-06-06 / 2403-08-06 / 2403-08-08 / 2403-10-08 / 2403-10-10 / 2403-12-08 / 2403-12-10 / 2403-12-12 / 2403-16-12 / 2403-16-16 / 2403-20-16 / 2403-20-20 / 2403-24-20 / 2403-24-24 / 2403-32-32

2403 - JIC X JIC

Part code	JIC nominal thread size	JIC nominal thread size
2403-04-04	7/16	7/16
2403-05-04	1/2	7/16
2403-05-05	1/2	1/2
2403-06-04	9/16	7/16
2403-06-05	9/16	1/2
2403-06-06	9/16	9/16
2403-08-06	3/4	9/16
2403-08-08	3/4	3/4
2403-10-08	7/8	3/4
2403-10-10	7/8	7/8
2403-12-08	1 1/16	3/4
2403-12-10	1 1/16	7/8
2403-12-12	1 1/16	1 1/16
2403-16-12	1 5/16	1 1/16
2403-16-16	1 5/16	1 5/16
2403-20-16	1 5/8	1 5/16
2403-20-20	1 5/8	1 5/8

2403 - JIC X JIC

Part code	JIC nominal thread size	JIC nominal thread size
2403-24-20	1 7/8	1 5/8
2403-24-24	1 7/8	1 7/8
2403-32-32	2 1/2	2 1/2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting shape	Straight

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

090 / JM_MM - JIC X METRIC

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 12JM22MM / 4JM12MM / 4JM14MM / 4JM16MM / 6JM12MM / 6JM14MM / 6JM16MM / 6JM18MM / 8JM14MM / 8JM16MM / 8JM18MM / 8JM22MM / 8JM26MM

JM_MM - JIC X METRIC

Part code	JIC nominal thread size	Metric thread nominal size (mm)
12JM22MM	1 1/16	22
4JM12MM	7/16	12
4JM14MM	7/16	14
4JM16MM	7/16	16
6JM12MM	9/16	12

JM_MM - JIC X METRIC

Part code	JIC nominal thread size	Metric thread nominal size (mm)
6JM14MM	9/16	14
6JM16MM	9/16	16
6JM18MM	9/16	18
8JM14MM	3/4	14
8JM16MM	3/4	16
8JM18MM	3/4	18
8JM22MM	3/4	22
8JM26MM	3/4	26

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting shape	Straight

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

091 / 6400 - JIC X SAE O' RING

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 6400-04-04 / 6400-04-05 / 6400-04-06 / 6400-04-08 / 6400-05-04 / 6400-05-05 / 6400-05-06 / 6400-06-04 / 6400-06-05 / 6400-06-06 / 6400-06-08 / 6400-06-10 / 6400-06-12 / 6400-08-04 / 6400-08-06 / 6400-08-08 / 6400-08-10 / 6400-08-12 / 6400-08-16 / 6400-10-06 / 6400-10-08 / 6400-10-10 / 6400-10-12 / 6400-12-06 / 6400-12-08 / 6400-12-10 / 6400-12-12 / 6400-12-16 / 6400-16-10 / 6400-16-12 / 6400-16-16 / 6400-16-20 / 6400-20-16 / 6400-20-20 / 6400-20-24 / 6400-24-20 / 6400-24-24 / 6400-32-32

6400 - JIC X SAE O' RING

Part code	JIC nominal thread size	SAE nominal thread size
6400-04-04	7/16	7/16
6400-04-05	7/16	1/2
6400-04-06	7/16	9/16
6400-04-08	7/16	3/4
6400-05-04	1/2	7/16
6400-05-05	1/2	1/2
6400-05-06	1/2	9/16
6400-06-04	9/16	7/16
6400-06-05	9/16	1/2
6400-06-06	9/16	9/16
6400-06-08	9/16	3/4
6400-06-10	9/16	7/8
6400-06-12	9/16	1 1/16
6400-08-04	3/4	7/16
6400-08-06	3/4	9/16
6400-08-08	3/4	3/4
6400-08-10	3/4	7/8
6400-08-12	3/4	1 1/16
6400-08-16	3/4	1 5/16
6400-10-06	7/8	9/16
6400-10-08	7/8	3/4

6400 - JIC X SAE O' RING

Part code	JIC nominal thread size	SAE nominal thread size
6400-10-10	7/8	7/8
6400-10-12	7/8	1 1/16
6400-12-06	1 1/16	9/16
6400-12-08	1 1/16	3/4
6400-12-10	1 1/16	7/8
6400-12-12	1 1/16	1 1/16
6400-12-16	1 1/16	1 5/16
6400-16-10	1 5/16	7/8
6400-16-12	1 5/16	1 1/16
6400-16-16	1 5/16	1 5/16
6400-16-20	1 5/16	1 5/8
6400-20-16	1 5/8	1 5/16
6400-20-20	1 5/8	1 5/8
6400-20-24	1 5/8	1 7/8
6400-24-20	1 7/8	1 5/8
6400-24-24	1 7/8	1 7/8
6400-32-32	2 1/2	2 1/2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting shape	Straight

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

092 / FF6400 - ORFS X SAE O' RING

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: FF6400-04-04 / FF6400-04-05 / FF6400-04-06 / FF6400-04-08 / FF6400-06-04 / FF6400-06-06 / FF6400-06-08 / FF6400-06-10 / FF6400-08-06 / FF6400-08-08 / FF6400-08-10 / FF6400-08-12 / FF6400-10-08 / FF6400-10-10 / FF6400-10-12 / FF6400-12-08 / FF6400-12-10 / FF6400-12-12 / FF6400-12-16 / FF6400-16-12 / FF6400-16-16 / FF6400-16-20 / FF6400-20-20

FF6400 - ORFS X SAE O' RING

Part code	ORFS thread designation (inch-TPI designation)	SAE nominal thread size
FF6400-04-04	9/16-18	7/16
FF6400-04-05	9/16-18	1/2
FF6400-04-06	9/16-18	9/16
FF6400-04-08	9/16-18	3/4
FF6400-06-04	Confirm	7/16
FF6400-06-06	Confirm	9/16
FF6400-06-08	Confirm	3/4
FF6400-06-10	Confirm	7/8
FF6400-08-06	Confirm	9/16
FF6400-08-08	Confirm	3/4
FF6400-08-10	Confirm	7/8
FF6400-08-12	Confirm	1 1/16
FF6400-10-08	1-14	3/4
FF6400-10-10	1-14	7/8

FF6400 - ORFS X SAE O' RING

Part code	ORFS thread designation (inch-TPI designation)	SAE nominal thread size
FF6400-10-12	1-14	1 1/16
FF6400-12-08	1 3/16-12	3/4
FF6400-12-10	1 3/16-12	7/8
FF6400-12-12	1 3/16-12	1 1/16
FF6400-12-16	1 3/16-12	1 5/16
FF6400-16-12	1 7/16-12	1 1/16
FF6400-16-16	1 7/16-12	1 5/16
FF6400-16-20	1 7/16-12	1 5/8
FF6400-20-20	1 11/16-12	1 5/8

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting shape	Straight

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

093 / FF2403 - ORFS X ORFS

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: FF2403-04-04 / FF2403-06-04 / FF2403-06-06 / FF2403-08-08 / FF2403-10-08 / FF2403-10-10 / FF2403-12-10 / FF2403-12-12 / FF2403-16-16 / FF2403-20-20 / FF2403-24-24

FF2403 - ORFS X ORFS

Part code	ORFS thread designation (inch-TPI designation)	ORFS thread designation (inch-TPI designation)
FF2403-04-04	9/16-18	9/16-18
FF2403-06-04	Confirm	9/16-18
FF2403-10-08	1-14	Confirm
FF2403-10-10	1-14	1-14
FF2403-12-10	1 3/16-12	1-14
FF2403-12-12	1 3/16-12	1 3/16-12
FF2403-16-16	1 7/16-12	1 7/16-12
FF2403-20-20	1 11/16-12	1 11/16-12
FF2403-24-24	2-12	2-12

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting shape	Straight

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

094 / FF2404 - ORFS X NPT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: FF2404-04-02 / FF2404-04-04 / FF2404-04-06 / FF2404-04-08 / FF2404-06-02 / FF2404-06-04 / FF2404-06-06 / FF2404-06-08 / FF2404-08-04 / FF2404-08-06 / FF2404-08-08 / FF2404-08-12 / FF2404-10-08 / FF2404-10-12 / FF2404-12-08 / FF2404-12-12 / FF2404-12-16 / FF2404-16-12 / FF2404-16-16 / FF2404-16-20 / FF2404-20-24 / FF2404-24-24

FF2404 - ORFS X NPT

Part code	ORFS thread designation (inch-TPI designation)	NPT nominal thread size
FF2404-04-04	9/16-18	1/4
FF2404-04-06	9/16-18	3/8
FF2404-04-08	9/16-18	1/2
FF2404-06-02	Confirm	1/8
FF2404-06-04	Confirm	1/4
FF2404-06-06	Confirm	3/8
FF2404-06-08	Confirm	1/2
FF2404-08-04	Confirm	1/4
FF2404-08-06	Confirm	3/8
FF2404-08-08	Confirm	1/2
FF2404-08-12	Confirm	3/4
FF2404-10-08	1-14	1/2
FF2404-10-12	1-14	3/4
FF2404-12-08	1 3/16-12	1/2
FF2404-12-12	1 3/16-12	3/4
FF2404-12-16	1 3/16-12	1
FF2404-16-12	1 7/16-12	3/4
FF2404-16-16	1 7/16-12	1
FF2404-16-20	1 7/16-12	1 1/4
FF2404-20-24	1 11/16-12	Confirm
FF2404-24-24	2-12	1 1/2

FF2404 - ORFS X NPT

Part code	ORFS thread designation (inch-TPI designation)	NPT nominal thread size
FF2404-04-02	9/16-18	1/8

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting shape	Straight

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

095 / MCFB - ORFS X BSP

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: MCFB-04-02 / MCFB-04-04 / MCFB-04-06 / MCFB-06-04 / MCFB-06-06 / MCFB-06-08 / MCFB-08-04 / MCFB-08-06 / MCFB-08-08 / MCFB-08-12 / MCFB-10-08 / MCFB-12-08 / MCFB-12-10 / MCFB-12-12 / MCFB-12-16 / MCFB-16-12 / MCFB-16-16 / MCFB-16-20 / MCFB-20-16 / MCFB-20-20 / MCFB-20-24

MCFB - ORFS X BSP

Part code	ORFS thread designation (inch-TPI designation)	BSP nominal thread size
MCFB-04-02	9/16-18	1/8
MCFB-04-04	9/16-18	1/4
MCFB-04-06	9/16-18	3/8
MCFB-06-04	Confirm	1/4
MCFB-06-06	Confirm	3/8
MCFB-06-08	Confirm	1/2
MCFB-08-04	Confirm	1/4

MCFB - ORFS X BSP

Part code	ORFS thread designation (inch-TPI designation)	BSP nominal thread size
MCFB-08-06	Confirm	3/8
MCFB-08-08	Confirm	1/2
MCFB-08-12	Confirm	3/4
MCFB-10-08	1-14	1/2
MCFB-12-08	1 3/16-12	1/2
MCFB-12-10	1 3/16-12	5/8
MCFB-12-12	1 3/16-12	3/4
MCFB-12-16	1 3/16-12	1
MCFB-16-12	1 7/16-12	3/4
MCFB-16-16	1 7/16-12	1
MCFB-16-20	1 7/16-12	1 1/4
MCFB-20-16	1 11/16-12	1
MCFB-20-20	1 11/16-12	1 1/4
MCFB-20-24	1 11/16-12	1 1/2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting shape	Straight

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

096 / C40XS - JIC x BSP

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: C40XS-04-02 / C40XS-04-04 / C40XS-04-06 / C40XS-06-04 / C40XS-06-06 / C40XS-06-08 / C40XS-08-06 / C40XS-08-08 / C40XS-08-12 / C40XS-10-08 / C40XS-10-12 / C40XS-12-08 / C40XS-12-12 / C40XS-12-16 / C40XS-16-12 / C40XS-16-16 / C40XS-20-20 / C40XS-20-24 / C40XS-24-24

C40XS - JIC x BSP

Part code	JIC nominal thread size	BSP nominal thread size
C40XS-04-02	7/16	1/8
C40XS-04-04	7/16	1/4
C40XS-04-06	7/16	3/8
C40XS-06-04	9/16	1/4
C40XS-06-06	9/16	3/8
C40XS-06-08	9/16	1/2
C40XS-08-06	3/4	3/8
C40XS-08-08	3/4	1/2
C40XS-08-12	3/4	3/4
C40XS-10-08	7/8	1/2
C40XS-10-12	7/8	3/4
C40XS-12-08	1 1/16	1/2
C40XS-12-12	1 1/16	3/4
C40XS-12-16	1 1/16	1
C40XS-16-12	1 5/16	3/4
C40XS-16-16	1 5/16	1
C40XS-20-20	1 5/8	1 1/4

C40XS - JIC x BSP

Part code	JIC nominal thread size	BSP nominal thread size
C40XS-20-24	1 5/8	1 1/2
C40XS-24-24	1 7/8	1 1/2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting bend angle (°)	90

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

097 / 5500 - NPT x NPT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 5500-02-02 / 5500-04-04 / 5500-06-06 / 5500-08-08 / 5500-12-12 / 5500-16-16 / 5500-20-20 / 5500-24-24 / 5500-32-32

5500 - NPT x NPT

Part code	NPT nominal thread size	NPT nominal thread size
5500-02-02	1/8	1/8
5500-04-04	1/4	1/4
5500-06-06	3/8	3/8
5500-08-08	1/2	1/2
5500-12-12	3/4	3/4
5500-16-16	1	1

5500 - NPT x NPT

Part code	NPT nominal thread size	NPT nominal thread size
5500-20-20	1 1/4	1 1/4
5500-24-24	1 1/2	1 1/2
5500-32-32	2	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting bend angle (°)	90

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

098 / 2501 - JIC x NPT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 2501-04-02 / 2501-04-04 / 2501-04-06 / 2501-04-08 / 2501-05-02 / 2501-05-04 / 2501-06-02 / 2501-06-04 / 2501-06-06 / 2501-06-08 / 2501-06-12 / 2501-08-04 / 2501-08-06 / 2501-08-08 / 2501-08-08L / 2501-08-08LL / 2501-08-12 / 2501-10-06 / 2501-10-08 / 2501-10-12 / 2501-12-08 / 2501-12-12 / 2501-12-12L / 2501-12-12LL / 2501-12-16 / 2501-16-08 / 2501-16-12 / 2501-16-16 / 2501-16-20 / 2501-20-16 / 2501-20-20 / 2501-20-24 / 2501-24-20 / 2501-24-24 / 2501-32-32

2501 - JIC x NPT

Part code	JIC nominal thread size	NPT nominal thread size
2501-04-02	7/16	1/8
2501-04-04	7/16	1/4
2501-04-06	7/16	3/8
2501-04-08	7/16	1/2

2501 - JIC x NPT

Part code	JIC nominal thread size	NPT nominal thread size
2501-05-02	1/2	1/8
2501-05-04	1/2	1/4
2501-06-02	9/16	1/8
2501-06-04	9/16	1/4
2501-06-06	9/16	3/8
2501-06-08	9/16	1/2
2501-06-12	9/16	3/4
2501-08-04	3/4	1/4
2501-08-06	3/4	3/8
2501-08-08	3/4	1/2
2501-08-08L	3/4	1/2
2501-08-08LL	3/4	1/2
2501-08-12	3/4	3/4
2501-10-06	7/8	3/8
2501-10-08	7/8	1/2
2501-10-12	7/8	3/4
2501-12-08	1 1/16	1/2
2501-12-12	1 1/16	3/4
2501-12-12L	1 1/16	3/4
2501-12-12LL	1 1/16	3/4
2501-12-16	1 1/16	1

2501 - JIC x NPT

Part code	JIC nominal thread size	NPT nominal thread size
2501-16-08	1 5/16	1/2
2501-16-12	1 5/16	3/4
2501-16-16	1 5/16	1
2501-16-20	1 5/16	1 1/4
2501-20-16	1 5/8	1
2501-20-20	1 5/8	1 1/4
2501-20-24	1 5/8	1 1/2
2501-24-20	1 7/8	1 1/4
2501-24-24	1 7/8	1 1/2
2501-32-32	2 1/2	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting bend angle (°)	90

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

099 / 2500 - JIC X JIC

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 2500-04-04 / 2500-05-05 / 2500-06-06 / 2500-08-08 / 2500-10-10 / 2500-12-12 / 2500-16-16 / 2500-20-20 / 2500-24-24 / 2500-32-32

2500 - JIC X JIC

Part code	JIC nominal thread size	JIC nominal thread size
2500-04-04	7/16	7/16
2500-05-05	1/2	1/2
2500-06-06	9/16	9/16
2500-08-08	3/4	3/4
2500-10-10	7/8	7/8
2500-12-12	1 1/16	1 1/16
2500-16-16	1 5/16	1 5/16
2500-20-20	1 5/8	1 5/8
2500-24-24	1 7/8	1 7/8
2500-32-32	2 1/2	2 1/2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting bend angle (°)	90

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

100 / 6801 - JIC x SAE O' RING

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 6801-04-04 / 6801-04-05 / 6801-04-06 / 6801-04-08 / 6801-05-04 / 6801-05-05 / 6801-05-06 / 6801-06-04 / 6801-06-05 / 6801-06-06 / 6801-06-08 / 6801-06-10 / 6801-08-06 / 6801-08-08 / 6801-08-10 / 6801-08-12 / 6801-10-08 / 6801-10-10 / 6801-10-12 / 6801-12-08 / 6801-12-10 / 6801-12-12 / 6801-12-12L / 6801-12-12LL / 6801-12-16 / 6801-16-12 / 6801-16-16 / 6801-16-20 / 6801-20-16 / 6801-20-20 / 6801-20-24 / 6801-24-20 / 6801-24-24 / 6801-32-32

6801 - JIC x SAE O' RING

Part code	JIC nominal thread size	SAE nominal thread size
6801-04-04	7/16	7/16
6801-04-05	7/16	1/2
6801-04-06	7/16	9/16
6801-04-08	7/16	3/4
6801-05-04	1/2	7/16
6801-05-05	1/2	1/2
6801-05-06	1/2	9/16
6801-06-04	9/16	7/16
6801-06-05	9/16	1/2
6801-06-06	9/16	9/16
6801-06-08	9/16	3/4
6801-06-10	9/16	7/8
6801-08-06	3/4	9/16
6801-08-08	3/4	3/4
6801-08-10	3/4	7/8
6801-08-12	3/4	1 1/16
6801-10-08	7/8	3/4
6801-10-10	7/8	7/8
6801-10-12	7/8	1 1/16
6801-12-08	1 1/16	3/4
6801-12-10	1 1/16	7/8

6801 - JIC x SAE O' RING

Part code	JIC nominal thread size	SAE nominal thread size
6801-12-12	1 1/16	1 1/16
6801-12-12L	1 1/16	1 1/16
6801-12-12LL	1 1/16	1 1/16
6801-12-16	1 1/16	1 5/16
6801-16-12	1 5/16	1 1/16
6801-16-16	1 5/16	1 5/16
6801-16-20	1 5/16	1 5/8
6801-20-16	1 5/8	1 5/16
6801-20-20	1 5/8	1 5/8
6801-20-24	1 5/8	1 7/8
6801-24-20	1 7/8	1 5/8
6801-24-24	1 7/8	1 7/8
6801-32-32	2 1/2	2 1/2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting bend angle (°)	90

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

101 / FF2501 - ORFS x NPT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: FF2501-04-02 / FF2501-04-04 / FF2501-04-06 / FF2501-06-02 / FF2501-06-04 / FF2501-06-06 / FF2501-06-08 / FF2501-08-06 / FF2501-08-08 / FF2501-08-12 / FF2501-12-08 / FF2501-12-12 / FF2501-12-16 / FF2501-16-12 / FF2501-16-16

FF2501 - ORFS x NPT

Part code	ORFS thread designation (inch-TPI designation)	NPT nominal thread size
FF2501-04-02	9/16-18	1/8
FF2501-04-04	9/16-18	1/4
FF2501-04-06	9/16-18	3/8
FF2501-06-02	Confirm	1/8
FF2501-06-04	Confirm	1/4
FF2501-06-06	Confirm	3/8
FF2501-06-08	Confirm	1/2
FF2501-08-06	Confirm	3/8
FF2501-08-08	Confirm	1/2
FF2501-08-12	Confirm	3/4
FF2501-12-08	1 3/16-12	1/2
FF2501-12-12	1 3/16-12	3/4
FF2501-12-16	1 3/16-12	1
FF2501-16-12	1 7/16-12	3/4
FF2501-16-16	1 7/16-12	1

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting bend angle (°)	90

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

102 / FF6801 - ORFS x SAE O' RING

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: FF6801-04-04 / FF6801-06-04 / FF6801-06-06 / FF6801-06-08 / FF6801-06-10 / FF6801-08-06 / FF6801-08-08 / FF6801-08-10 / FF6801-08-12 / FF6801-10-08 / FF6801-10-10 / FF6801-10-12 / FF6801-12-08 / FF6801-12-10 / FF6801-12-12 / FF6801-12-16 / FF6801-16-12 / FF6801-16-16

FF6801 - ORFS x SAE O' RING

Part code	ORFS thread designation (inch-TPI designation)	SAE nominal thread size
FF6801-04-04	9/16-18	7/16
FF6801-06-04	Confirm	7/16
FF6801-06-06	Confirm	9/16
FF6801-06-08	Confirm	3/4
FF6801-08-06	Confirm	9/16
FF6801-08-08	Confirm	3/4
FF6801-08-12	Confirm	1 1/16
FF6801-10-08	1-14	3/4
FF6801-10-10	1-14	7/8
FF6801-10-12	1-14	1 1/16
FF6801-12-08	1 3/16-12	3/4

FF6801 - ORFS x SAE O' RING

Part code	ORFS thread designation (inch-TPI designation)	SAE nominal thread size
FF6801-12-10	1 3/16-12	Confirm
FF6801-12-12	1 3/16-12	1 1/16
FF6801-12-16	1 3/16-12	1 5/16
FF6801-16-12	1 7/16-12	1 1/16
FF6801-16-16	1 7/16-12	1 5/16

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting bend angle (°)	90

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

103 / FFC40XS - ORFS x BSP

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: FFC40XS-04-04 / FFC40XS-06-04 / FFC40XS-06-06 / FFC40XS-06-08 / FFC40XS-08-06 / FFC40XS-08-08 / FFC40XS-08-12 / FFC40XS-12-08 / FFC40XS-12-12 / FFC40XS-16-16

FFC40XS - ORFS x BSP

Part code	ORFS thread designation (inch-TPI designation)	BSP nominal thread size
FFC40XS-06-04	Confirm	1/4
FFC40XS-06-06	Confirm	3/8
FFC40XS-06-08	Confirm	1/2

FFC40XS - ORFS x BSP

Part code	ORFS thread designation (inch-TPI designation)	BSP nominal thread size
FFC40XS-08-06	Confirm	3/8
FFC40XS-08-08	Confirm	1/2
FFC40XS-08-12	Confirm	3/4
FFC40XS-12-08	1 3/16-12	1/2
FFC40XS-12-12	1 3/16-12	3/4
FFC40XS-16-16	1 7/16-12	1
FFC40XS-04-04	9/16-18	1/4

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting bend angle (°)	90

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

104 / 2503 - JIC x NPT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 2503-04-02 / 2503-04-04 / 2503-04-06 / 2503-05-02 / 2503-05-04 / 2503-06-02 / 2503-06-04 / 2503-06-06 / 2503-06-08 / 2503-08-04 / 2503-08-06 / 2503-08-08 / 2503-08-12 / 2503-10-06 / 2503-10-08 / 2503-10-12 / 2503-12-08 / 2503-12-12 / 2503-12-16 / 2503-16-12 / 2503-16-16 / 2503-16-20 / 2503-20-16 / 2503-20-20 / 2503-24-24 / 2503-32-32

2503 - JIC x NPT

Part code	JIC nominal thread size	NPT nominal thread size
2503-04-02	7/16	1/8

2503 - JIC x NPT

Part code	JIC nominal thread size	NPT nominal thread size
2503-04-04	7/16	1/4
2503-04-06	7/16	3/8
2503-05-02	1/2	1/8
2503-05-04	1/2	1/4
2503-06-02	9/16	1/8
2503-06-04	9/16	1/4
2503-06-06	9/16	3/8
2503-06-08	9/16	1/2
2503-08-04	3/4	1/4
2503-08-06	3/4	3/8
2503-08-08	3/4	1/2
2503-08-12	3/4	3/4
2503-10-06	7/8	3/8
2503-10-08	7/8	1/2
2503-10-12	7/8	3/4
2503-12-08	1 1/16	1/2
2503-12-12	1 1/16	3/4
2503-12-16	1 1/16	1
2503-16-12	1 5/16	3/4
2503-16-16	1 5/16	1
2503-16-20	1 5/16	1 1/4

2503 - JIC x NPT

Part code	JIC nominal thread size	NPT nominal thread size
2503-20-16	1 5/8	1
2503-20-20	1 5/8	1 1/4
2503-24-24	1 7/8	1 1/2
2503-32-32	2 1/2	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting bend angle (°)	45

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

105 / 6802 - JIC x SAE O' RING

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 6802-04-04 / 6802-05-05 / 6802-06-04 / 6802-06-06 / 6802-06-08 / 6802-08-06 / 6802-08-08 / 6802-08-10 / 6802-08-12 / 6802-10-08 / 6802-10-10 / 6802-10-12 / 6802-12-08 / 6802-12-10 / 6802-12-12 / 6802-12-16 / 6802-16-16 / 6802-20-20 / 6802-24-24

6802 - JIC x SAE O' RING

Part code	JIC nominal thread size	SAE nominal thread size
6802-04-04	7/16	7/16
6802-05-05	1/2	1/2
6802-06-04	9/16	7/16
6802-06-06	9/16	9/16

6802 - JIC x SAE O' RING

Part code	JIC nominal thread size	SAE nominal thread size
6802-06-08	9/16	3/4
6802-08-06	3/4	9/16
6802-08-08	3/4	3/4
6802-08-10	3/4	7/8
6802-08-12	3/4	1 1/16
6802-10-08	7/8	3/4
6802-10-10	7/8	7/8
6802-10-12	7/8	1 1/16
6802-12-08	1 1/16	3/4
6802-12-10	1 1/16	7/8
6802-12-12	1 1/16	1 1/16
6802-12-16	1 1/16	1 5/16
6802-16-16	1 5/16	1 5/16
6802-20-20	1 5/8	1 5/8
6802-24-24	1 7/8	1 7/8

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting bend angle (°)	45

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

106 / FF6802 - ORFS x SAE O' RING

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: FF6802-04-04 / FF6802-06-06 / FF6802-06-08 / FF6802-08-08 / FF6802-10-10 / FF6802-12-12 / FF6802-16-16

FF6802 - ORFS x SAE O' RING

Part code	ORFS thread designation (inch-TPI designation)	SAE nominal thread size
FF6802-04-04	9/16-18	7/16
FF6802-06-06	Confirm	9/16
FF6802-06-08	Confirm	3/4
FF6802-08-08	Confirm	3/4
FF6802-10-10	1-14	7/8
FF6802-12-12	1 3/16-12	1 1/16
FF6802-16-16	1 7/16-12	1 5/16

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting bend angle (°)	45

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

107 / 2601 - JIC/NPT BRANCH TEE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 2601-04-04-04 / 2601-06-06-04 / 2601-06-06-06 / 2601-08-08-06 / 2601-08-08-08 / 2601-12-12-12 / 2601-16-16-16

2601 - JIC/NPT BRANCH TEE

Part code	JIC nominal thread size	NPT nominal thread size
2601-04-04-04	7/16	1/4
2601-06-06-04	9/16	1/4
2601-06-06-06	9/16	3/8
2601-08-08-06	3/4	3/8
2601-08-08-08	3/4	1/2
2601-12-12-12	1 1/16	3/4
2601-16-16-16	1 5/16	1

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

108 / 2605 - JIC/NPT RUN TEE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 2605-04-04-04 / 2605-06-06-04 / 2605-06-06-06 / 2605-08-08-06 / 2605-08-08-08 / 2605-12-12-12 / 2605-16-16-16

2605 - JIC/NPT RUN TEE

Part code	JIC nominal thread size	NPT nominal thread size
2605-04-04-04	7/16	1/4
2605-06-06-04	9/16	1/4
2605-06-06-06	9/16	3/8
2605-08-08-06	3/4	3/8
2605-08-08-08	3/4	1/2

2605 - JIC/NPT RUN TEE

Part code	JIC nominal thread size	NPT nominal thread size
2605-12-12-12	1 1/16	3/4
2605-16-16-16	1 5/16	1

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

109 / 2603 - JIC MALE TEE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 2603-04-04-04 / 2603-05-05-05 / 2603-06-06-06 / 2603-08-08-08 / 2603-10-10-10 / 2603-12-12-12 / 2603-16-16-16 / 2603-20-20-20

2603 - JIC MALE TEE

Part code	JIC nominal thread size
2603-04-04-04	7/16
2603-06-06-06	9/16
2603-08-08-08	3/4
2603-10-10-10	7/8
2603-12-12-12	1 1/16
2603-16-16-16	1 5/16
2603-20-20-20	1 5/8

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

110 / FF6803 - ORFS/SAE BRANCH T

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: FF6803-04-04-04 / FF6803-06-06-06 / FF6803-08-08-08 / FF6803-12-12-12

FF6803 - ORFS/SAE BRANCH T

Part code	ORFS thread designation (inch-TPI designation)	SAE nominal thread size
FF6803-04-04-04	9/16-18	7/16
FF6803-06-06-06	Confirm	9/16
FF6803-08-08-08	Confirm	3/4
FF6803-12-12-12	1 3/16-12	1 1/16

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

111 / FF6804 - ORFS/SAE RUN TEE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: FF6804-04-04-04 / FF6804-06-06-06 / FF6804-08-08-08 / FF6804-12-12-12 / FF6804-16-16-16

FF6804 - ORFS/SAE RUN TEE

Part code	ORFS thread designation (inch-TPI designation)	SAE nominal thread size
FF6804-04-04-04	9/16-18	7/16
FF6804-06-06-06	Confirm	9/16
FF6804-08-08-08	Confirm	3/4
FF6804-12-12-12	1 3/16-12	1 1/16
FF6804-16-16-16	1 7/16-12	1 5/16

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

112 / BHB - BSP STRAIGHT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: BHB-04 / BHB-06 / BHB-08 / BHB-10 / BHB-12 / BHB-16 / BHB-20

BHB - BSP STRAIGHT

Part code	BSP nominal thread size
BHB-04	1/4
BHB-06	3/8
BHB-08	1/2
BHB-10	5/8
BHB-12	3/4
BHB-16	1
BHB-20	1 1/4

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting shape	Straight

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

113 / 2700 - JIC STRAIGHT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 2700-04-04 / 2700-05-05 / 2700-06-06 / 2700-08-08 / 2700-10-10 / 2700-12-12 / 2700-16-16 / 2700-20-20 / 2700-24-24

2700 - JIC STRAIGHT

Part code	JIC nominal thread size
2700-04-04	7/16
2700-05-05	1/2
2700-06-06	9/16
2700-08-08	3/4
2700-10-10	7/8
2700-12-12	1 1/16
2700-16-16	1 5/16
2700-20-20	1 5/8
2700-24-24	1 7/8

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting shape	Straight

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

114 / 2701 - JIC 90°

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 2701-04-04 / 2701-05-05 / 2701-06-06 / 2701-08-08 / 2701-10-10 / 2701-12-12 / 2701-16-16 / 2701-20-20

2701 - JIC 90°

Part code	JIC nominal thread size
2701-04-04	7/16
2701-05-05	1/2
2701-06-06	9/16
2701-08-08	3/4
2701-10-10	7/8
2701-12-12	1 1/16
2701-16-16	1 5/16
2701-20-20	1 5/8

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting bend angle (°)	90

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

115 / FF2700 - ORFS STRAIGHT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: FF2700-04-04 / FF2700-06-06 / FF2700-08-08 / FF2700-10-10 / FF2700-12-12 / FF2700-16-16

FF2700 - ORFS STRAIGHT

Part code	ORFS thread designation (inch-TPI designation)
FF2700-04-04	9/16-18
FF2700-10-10	1-14
FF2700-12-12	1 3/16-12
FF2700-16-16	1 7/16-12

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting shape	Straight

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

116 / FF2701 - ORFS 90°

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: FF2701-04-04 / FF2701-06-06 / FF2701-08-08 / FF2701-10-10 / FF2701-12-12 / FF2701-16-16

FF2701 - ORFS 90°

Part code	ORFS thread designation (inch-TPI designation)
FF2701-04-04	9/16-18
FF2701-10-10	1-14
FF2701-12-12	1 3/16-12

FF2701 - ORFS 90°

Part code	ORFS thread designation (inch-TPI designation)
FF2701-16-16	1 7/16-12

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting bend angle (°)	90

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

117 / HPB - BSP

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: HPB-02 / HPB-04 / HPB-06 / HPB-08 / HPB-10 / HPB-12 / HPB-16 / HPB-20 / HPB-24 / HPB-32

HPB - BSP

Part code	BSP nominal thread size
HPB-02	1/8
HPB-04	1/4
HPB-06	3/8
HPB-08	1/2
HPB-10	5/8
HPB-12	3/4
HPB-16	1

HPB - BSP

Part code	BSP nominal thread size
HPB-20	1 1/4
HPB-24	1 1/2
HPB-32	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

118 / 2408 - JIC

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 2408-04 / 2408-05 / 2408-06 / 2408-08 / 2408-10 / 2408-12 / 2408-16 / 2408-20 / 2408-24 / 2408-32

2408 - JIC

Part code	JIC nominal thread size
2408-04	7/16
2408-05	1/2
2408-06	9/16
2408-08	3/4
2408-10	7/8
2408-12	1 1/16
2408-16	1 5/16
2408-20	1 5/8
2408-24	1 7/8

2408 - JIC

Part code	JIC nominal thread size
2408-32	2 1/2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

119 / 5406P - NPT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 5406P-02 / 5406P-04 / 5406P-06 / 5406P-08 / 5406P-12 / 5406P-16 / 5406P-20 / 5406P-24 / 5406P-32

5406P - NPT

Part code	NPT nominal thread size
5406P-02	1/8
5406P-04	1/4
5406P-06	3/8
5406P-08	1/2
5406P-12	3/4
5406P-16	1
5406P-20	1 1/4
5406P-24	1 1/2
5406P-32	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

120 / FF2408 - ORFS

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: FF2408-04 / FF2408-06 / FF2408-08 / FF2408-10 / FF2408-12 / FF2408-16 / FF2408-20 / FF2408-24

FF2408 - ORFS

Part code	ORFS thread designation (inch-TPI designation)
FF2408-04	9/16-18
FF2408-10	1-14
FF2408-12	1 3/16-12
FF2408-16	1 7/16-12
FF2408-20	1 11/16-12
FF2408-24	2-12

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

121 / 6408P - SAE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 6408P-04 / 6408P-05 / 6408P-06 / 6408P-08 / 6408P-10 / 6408P-12 / 6408P-16 / 6408P-20 / 6408P-24

6408P - SAE

Part code	SAE nominal thread size
6408P-04	7/16
6408P-05	1/2

6408P - SAE

Part code	SAE nominal thread size
6408P-06	9/16
6408P-08	3/4
6408P-10	7/8
6408P-12	1 1/16
6408P-16	1 5/16
6408P-20	1 5/8
6408P-24	1 7/8

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

122 / 6409 - SAE ALLEN KEY

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 6409-04 / 6409-06 / 6409-08 / 6409-10 / 6409-12 / 6409-16

6409 - SAE ALLEN KEY

Part code	SAE nominal thread size
6409-04	7/16
6409-06	9/16
6409-08	3/4
6409-10	7/8
6409-12	1 1/16

6409 - SAE ALLEN KEY

Part code	SAE nominal thread size
6409-16	1 5/16

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

123 / 1404B - BSP M x BSP F SWIVEL

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 1404B-04-04 / 1404B-06-06 / 1404B-08-08 / 1404B-12-12

1404B - BSP M x BSP F SWIVEL

Part code	BSP M nominal thread size	BSP F nominal thread size
1404B-04-04	1/4	1/4
1404B-06-06	3/8	3/8
1404B-08-08	1/2	1/2
1404B-12-12	3/4	3/4

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting shape	Straight

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

124 / 6504 - JIC M x JIC F SWIVEL

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 6504-04-04 / 6504-06-06 / 6504-08-08 / 6504-10-10 / 6504-12-12 / 6504-16-16 / 6504-20-20

6504 - JIC M x JIC F SWIVEL

Part code	JIC M nominal thread size	JIC F nominal thread size
6504-04-04	7/16	7/16
6504-06-06	9/16	9/16
6504-08-08	3/4	3/4
6504-10-10	7/8	7/8
6504-12-12	1 1/16	1 1/16
6504-16-16	1 5/16	1 5/16
6504-20-20	1 5/8	1 5/8

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting shape	Straight

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

125 / 2405 - JIC Male x NPT Female Fixed

2405 - JIC Male x NPT Female Fixed configurations selected for the operating duty and connection.

Application: Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 2405-04-04 / 2405-06-04 / 2405-06-06 / 2405-08-06 / 2405-08-08 / 2405-12-12 / 2405-16-16

2405 - JIC M x NPT M FIXED

Part code	JIC M nominal thread size	NPT F nominal thread size
2405-04-04	7/16	1/4
2405-06-04	9/16	1/4
2405-06-06	9/16	3/8
2405-08-06	3/4	3/8
2405-08-08	3/4	1/2
2405-12-12	1 1/16	3/4
2405-16-16	1 5/16	1

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting shape	Straight

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

126 / 6505 - NPT M x JIC F SWIVEL

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 6505-04-04 / 6505-04-06 / 6505-06-04 / 6505-06-06 / 6505-08-08 / 6505-12-12 / 6505-16-16 / 6505-20-20

6505 - NPT M x JIC F SWIVEL

Part code	JIC F nominal thread size	NPT M nominal thread size
6505-04-04	7/16	1/4

6505 - NPT M x JIC F SWIVEL

Part code	JIC F nominal thread size	NPT M nominal thread size
6505-04-06	7/16	3/8
6505-06-04	9/16	1/4
6505-06-06	9/16	3/8
6505-08-08	3/4	1/2
6505-12-12	1 1/16	3/4
6505-16-16	1 5/16	1
6505-20-20	1 5/8	1 1/4

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting shape	Straight

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

127 / 1404 - NPT M x NPT F SWIVEL

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 1404-02-02 / 1404-02-04 / 1404-04-02 / 1404-04-04 / 1404-04-06 / 1404-06-04 / 1404-06-06 / 1404-06-08 / 1404-08-04 / 1404-08-06 / 1404-08-08 / 1404-08-12 / 1404-12-08 / 1404-12-12 / 1404-12-16 / 1404-16-12 / 1404-16-16 / 1404-16-20 / 1404-20-20 / 1404-20-24 / 1404-24-24 / 1404-32-32

1404 - NPT M x NPT F SWIVEL

Part code	NPT M nominal thread size	NPT F nominal thread size
1404-02-02	1/8	1/8

1404 - NPT M x NPT F SWIVEL

Part code	NPT M nominal thread size	NPT F nominal thread size
1404-02-04	1/8	1/4
1404-04-02	1/4	1/8
1404-04-04	1/4	1/4
1404-04-06	1/4	3/8
1404-06-04	3/8	1/4
1404-06-06	3/8	3/8
1404-06-08	3/8	1/2
1404-08-04	1/2	1/4
1404-08-06	1/2	3/8
1404-08-08	1/2	1/2
1404-08-12	1/2	3/4
1404-12-08	3/4	1/2
1404-12-12	3/4	3/4
1404-12-16	3/4	1
1404-16-12	1	3/4
1404-16-16	1	1
1404-16-20	1	1 1/4
1404-20-20	1 1/4	1 1/4
1404-20-24	1 1/4	1 1/2
1404-24-24	1 1/2	1 1/2
1404-32-32	2	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting shape	Straight

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

128 / 5405 - NPT M x NPT F FIXED

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 5405-02-04 / 5405-04-04 / 5405-04-06 / 5405-06-08 / 5405-08-04 / 5405-08-06 / 5405-08-08 / 5405-12-08 / 5405-12-12

5405 - NPT M x NPT F FIXED

Part code	NPT M nominal thread size	NPT F nominal thread size
5405-02-04	1/8	1/4
5405-04-04	1/4	1/4
5405-04-06	1/4	3/8
5405-06-08	3/8	1/2
5405-08-04	1/2	1/4
5405-08-06	1/2	3/8
5405-08-08	1/2	1/2
5405-12-08	3/4	1/2
5405-12-12	3/4	3/4

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting shape	Straight

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

129 / 6505B - BSP M x JIC F SWIVEL

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 6505B-04-04 / 6505B-06-06 / 6505B-08-08 / 6505B-10-10 / 6505B-12-12 / 6505B-16-16 / 6505B-20-20

6505B - BSP M x JIC F SWIVEL

Part code	JIC F nominal thread size	BSP M nominal thread size
6505B-04-04	7/16	1/4
6505B-06-06	9/16	3/8
6505B-08-08	3/4	1/2
6505B-10-10	7/8	5/8
6505B-12-12	1 1/16	3/4
6505B-16-16	1 5/16	1
6505B-20-20	1 5/8	1 1/4

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting shape	Straight

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

130 / 1501 - NPT M x NPT F SWIVEL

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 1501-02-02 / 1501-02-04 / 1501-04-02 / 1501-04-04 / 1501-04-06 / 1501-06-04 / 1501-06-06 / 1501-06-08 / 1501-08-06 / 1501-08-08 / 1501-08-12 / 1501-12-08 / 1501-12-12 / 1501-12-16 / 1501-16-12 / 1501-16-16 / 1501-16-20 / 1501-20-16 / 1501-20-20 / 1501-24-24 / 1501-32-32

1501 - NPT M x NPT F SWIVEL

Part code	NPT M nominal thread size	NPT F nominal thread size
1501-02-02	1/8	1/8
1501-02-04	1/8	1/4
1501-04-02	1/4	Confirm
1501-04-04	1/4	1/4
1501-04-06	1/4	3/8
1501-06-04	3/8	1/4
1501-06-06	3/8	3/8
1501-06-08	3/8	1/2
1501-08-06	1/2	3/8
1501-08-08	1/2	1/2
1501-08-12	1/2	3/4
1501-12-08	3/4	1/2
1501-12-12	3/4	3/4
1501-12-16	3/4	1

1501 - NPT M x NPT F SWIVEL

Part code	NPT M nominal thread size	NPT F nominal thread size
1501-16-12	1	3/4
1501-16-16	1	1
1501-16-20	1	1 1/4
1501-20-16	1 1/4	1
1501-20-20	1 1/4	1 1/4
1501-24-24	1 1/2	1 1/2
1501-32-32	2	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting bend angle (°)	90

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

131 / 5502 - NPT M x NPT F FIXED

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 5502-02-02 / 5502-04-04 / 5502-06-06 / 5502-08-08 / 5502-12-12 / 5502-16-16 / 5502-20-20 / 5502-24-24 / 5502-32-32

5502 - NPT M x NPT F FIXED

Part code	NPT M nominal thread size	NPT F nominal thread size
5502-02-02	1/8	1/8

5502 - NPT M x NPT F FIXED

Part code	NPT M nominal thread size	NPT F nominal thread size
5502-04-04	1/4	1/4
5502-06-06	3/8	3/8
5502-08-08	1/2	1/2
5502-12-12	3/4	3/4
5502-16-16	1	1
5502-20-20	1 1/4	1 1/4
5502-24-24	1 1/2	1 1/2
5502-32-32	2	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting bend angle (°)	90

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

132 / 2502 - JIC M x NPT F FIXED

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 2502-04-04 / 2502-06-06 / 2502-08-08 / 2502-12-12 / 2502-16-16

2502 - JIC M x NPT F FIXED

Part code	JIC M nominal thread size	NPT F nominal thread size
2502-04-04	7/16	1/4
2502-06-06	9/16	3/8
2502-08-08	3/4	1/2
2502-12-12	1 1/16	3/4
2502-16-16	1 5/16	1

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting bend angle (°)	90

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

133 / 6501 - NPT M x JIC F SWIVEL

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 6501-04-04 / 6501-04-06 / 6501-06-06 / 6501-08-08 / 6501-12-12 / 6501-16-16 / 6501-20-20

6501 - NPT M x JIC F SWIVEL

Part code	JIC F nominal thread size	NPT M nominal thread size
6501-04-04	7/16	1/4
6501-04-06	7/16	3/8
6501-06-06	9/16	3/8

6501 - NPT M x JIC F SWIVEL

Part code	JIC F nominal thread size	NPT M nominal thread size
6501-08-08	3/4	1/2
6501-12-12	1 1/16	3/4
6501-16-16	1 5/16	1
6501-20-20	1 5/8	1 1/4

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting bend angle (°)	90

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

134 / 6500 - JIC M x JIC F SWIVEL

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 6500-04-04 / 6500-05-05 / 6500-06-06 / 6500-08-08 / 6500-10-10 / 6500-12-08 / 6500-12-12 / 6500-16-16 / 6500-20-20 / 6500-24-24 / 6500-32-32

6500 - JIC M x JIC F SWIVEL

Part code	JIC M nominal thread size	JIC F nominal thread size
6500-04-04	7/16	7/16
6500-05-05	1/2	1/2
6500-06-06	9/16	9/16
6500-08-08	3/4	3/4

6500 - JIC M x JIC F SWIVEL

Part code	JIC M nominal thread size	JIC F nominal thread size
6500-10-10	7/8	7/8
6500-12-08	1 1/16	3/4
6500-12-12	1 1/16	1 1/16
6500-16-16	1 5/16	1 5/16
6500-20-20	1 5/8	1 5/8
6500-24-24	1 7/8	1 7/8

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting bend angle (°)	90

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

135 / FF6500 - ORFS M x ORFS F SW

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: FF6500-04-04 / FF6500-06-06 / FF6500-08-08 / FF6500-10-10 / FF6500-12-12 / FF6500-16-16

FF6500 - ORFS M x ORFS F SW

Part code	ORFS M thread designation (inch-TPI designation)	ORFS F thread designation (inch-TPI designation)
FF6500-10-10	1-14	1-14
FF6500-12-12	1 3/16-12	1 3/16-12

FF6500 - ORFS M x ORFS F SW

Part code	ORFS M thread designation (inch-TPI designation)	ORFS F thread designation (inch-TPI designation)
FF6500-16-16	1 7/16-12	1 7/16-12
FF6500-04-04	9/16-18	9/16-18

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting bend angle (°)	90

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

136 / 1503 - NPT M x NPT F SWIVEL

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 1503-02-02 / 1503-04-04 / 1503-06-06 / 1503-08-06 / 1503-08-08 / 1503-12-08 / 1503-12-12 / 1503-16-12 / 1503-16-16 / 1503-20-20 / 1503-24-24 / 1503-32-32

1503 - NPT M x NPT F SWIVEL

Part code	NPT M nominal thread size	NPT F nominal thread size
1503-02-02	1/8	1/8
1503-04-04	1/4	1/4
1503-06-06	3/8	3/8
1503-08-06	1/2	3/8
1503-08-08	1/2	1/2
1503-12-08	3/4	1/2

1503 - NPT M x NPT F SWIVEL

Part code	NPT M nominal thread size	NPT F nominal thread size
1503-12-12	3/4	3/4
1503-16-12	1	3/4
1503-16-16	1	1
1503-20-20	1 1/4	1 1/4
1503-24-24	1 1/2	1 1/2
1503-32-32	2	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting bend angle (°)	45

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

137 / 6502 - JIC M x JIC F SWIVEL

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 6502-04-04 / 6502-05-05 / 6502-06-06 / 6502-08-08 / 6502-10-10 / 6502-12-12 / 6502-16-16 / 6502-20-20 / 6502-24-24 / 6502-32-32

6502 - JIC M x JIC F SWIVEL

Part code	JIC M nominal thread size	JIC F nominal thread size
6502-04-04	7/16	7/16
6502-05-05	1/2	1/2

6502 - JIC M x JIC F SWIVEL

Part code	JIC M nominal thread size	JIC F nominal thread size
6502-06-06	9/16	9/16
6502-08-08	3/4	3/4
6502-10-10	7/8	7/8
6502-12-12	1 1/16	1 1/16
6502-16-16	1 5/16	1 5/16
6502-20-20	1 5/8	1 5/8
6502-24-24	1 7/8	1 7/8
6502-32-32	2 1/2	2 1/2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting bend angle (°)	45

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

138 / FF6502 - ORFS M x ORFS F

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: FF6502-04-04 / FF6502-06-06 / FF6502-08-08 / FF6502-10-10 / FF6502-12-12 / FF6502-16-16

FF6502 - ORFS M x ORFS F

Part code	ORFS M thread designation (inch-TPI designation)	ORFS F thread designation (inch-TPI designation)
FF6502-10-10	1-14	1-14
FF6502-12-12	1 3/16-12	1 3/16-12
FF6502-16-16	1 7/16-12	1 7/16-12
FF6502-04-04	9/16-18	9/16-18

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting bend angle (°)	45

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

139 / 5602 - NPT RUN T

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 5602-02-02-02 / 5602-04-04-04 / 5602-06-06-06 / 5602-08-08-08 / 5602-12-12-12 / 5602-16-16-16 / 5602-20-20-20 / 5602-24-24-24

5602 - NPT RUN T

Part code	NPT F nominal thread size	NPT F nominal thread size	NPT M nominal thread size
5602-02-02-02	1/8	1/8	1/8
5602-04-04-04	1/4	1/4	1/4
5602-06-06-06	3/8	3/8	3/8
5602-08-08-08	1/2	1/2	1/2

5602 - NPT RUN T

Part code	NPT F nominal thread size	NPT F nominal thread size	NPT M nominal thread size
5602-12-12-12	3/4	3/4	3/4
5602-16-16-16	1	1	1
5602-20-20-20	1 1/4	1 1/4	1 1/4
5602-24-24-24	1 1/2	1 1/2	1 1/2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

140 / 5604 - NPT BRANCH T

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 5604-02-02-02 / 5604-04-04-04 / 5604-06-06-06 / 5604-08-08-08 / 5604-12-12-12 / 5604-16-16-16 / 5604-20-20-20

5604 - NPT BRANCH T

Part code	NPT F nominal thread size	NPT F nominal thread size	NPT M nominal thread size
5604-02-02-02	1/8	1/8	1/8
5604-04-04-04	1/4	1/4	1/4
5604-06-06-06	3/8	3/8	3/8
5604-08-08-08	1/2	1/2	1/2
5604-12-12-12	3/4	3/4	3/4
5604-16-16-16	1	1	1
5604-20-20-20	1 1/4	1 1/4	1 1/4

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

141 / 6602 - JIC RUN T

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 6602-04-04-04 / 6602-05-05-05 / 6602-06-06-06 / 6602-08-08-08 / 6602-10-10-10 / 6602-12-12-12 / 6602-16-16-16 / 6602-20-20-20 / 6602-24-24-24

6602 - JIC RUN T

Part code	JIC F nominal thread size	JIC M nominal thread size	JIC M nominal thread size
6602-04-04-04	7/16	7/16	7/16
6602-06-06-06	9/16	9/16	9/16
6602-08-08-08	3/4	3/4	3/4
6602-10-10-10	7/8	7/8	7/8
6602-12-12-12	1 1/16	1 1/16	1 1/16
6602-16-16-16	1 5/16	1 5/16	1 5/16
6602-20-20-20	1 5/8	1 5/8	1 5/8
6602-24-24-24	1 7/8	1 7/8	1 7/8

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

142 / 6600 - JIC BRANCH T

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 6600-04-04-04 / 6600-05-05-05 / 6600-06-06-06 / 6600-08-08-08 / 6600-10-10-10 / 6600-12-12-12 / 6600-16-16-16 / 6600-20-20-20

6600 - JIC BRANCH T

Part code	JIC M nominal thread size	JIC M nominal thread size	JIC F nominal thread size
6600-06-06-06	9/16	9/16	9/16
6600-08-08-08	3/4	3/4	3/4
6600-10-10-10	7/8	7/8	7/8
6600-12-12-12	1 1/16	1 1/16	1 1/16
6600-16-16-16	1 5/16	1 5/16	1 5/16
6600-20-20-20	1 5/8	1 5/8	1 5/8
6600-04-04-04	7/16	7/16	7/16

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

143 / FF6602 - ORFS RUN T

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: FF6602-04-04-04 / FF6602-06-06-06 / FF6602-08-08-08 / FF6602-10-10-10 / FF6602-12-12-12 / FF6602-16-16-16

FF6602 - ORFS RUN T

Part code	ORFS M thread designation (inch-TPI designation)	ORFS M thread designation (inch-TPI designation)	ORFS F thread designation (inch-TPI designation)
FF6602-04-04-04	9/16-18	9/16-18	9/16-18
FF6602-10-10-10	1-14	1-14	1-14
FF6602-12-12-12	1 3/16-12	1 3/16-12	1 3/16-12
FF6602-16-16-16	1 7/16-12	1 7/16-12	1 7/16-12

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

[Application & quotation checklist](#)

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

144 / FF6600 - ORFS BRANCH T

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: FF6600-04-04-04 / FF6600-06-06-06 / FF6600-08-08-08 / FF6600-10-10-10 / FF6600-12-12-12 / FF6600-16-16-16

[FF6600 - ORFS BRANCH T](#)

Part code	ORFS M thread designation (inch-TPI designation)	ORFS M thread designation (inch-TPI designation)	ORFS F thread designation (inch-TPI designation)
FF6600-04-04-04	9/16-18	9/16-18	9/16-18
FF6600-10-10-10	1-14	1-14	1-14
FF6600-12-12-12	1 3/16-12	1 3/16-12	1 3/16-12
FF6600-16-16-16	1 7/16-12	1 7/16-12	1 7/16-12

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

[Application & quotation checklist](#)

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

145 / 5406 - NPT MALE/FEMALE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 5406-04-02 / 5406-06-02 / 5406-06-04 / 5406-08-02 / 5406-08-04 / 5406-08-06 / 5406-12-04 / 5406-12-06 / 5406-12-08 / 5406-16-04 / 5406-16-06 / 5406-16-08 / 5406-16-12 / 5406-20-08 / 5406-20-12 / 5406-20-16 / 5406-24-12 / 5406-24-16 / 5406-24-20 / 5406-32-16 / 5406-32-20 / 5406-32-24

[5406 - NPT MALE/FEMALE](#)

Part code	NPT M nominal thread size	NPT F nominal thread size
5406-04-02	1/4	1/8
5406-06-02	3/8	1/8

5406 - NPT MALE/FEMALE

Part code	NPT M nominal thread size	NPT F nominal thread size
5406-06-04	3/8	1/4
5406-08-02	1/2	1/8
5406-08-04	1/2	1/4
5406-08-06	1/2	3/8
5406-12-04	3/4	1/4
5406-12-06	3/4	3/8
5406-12-08	3/4	1/2
5406-16-04	1	1/4
5406-16-06	1	3/8
5406-16-08	1	1/2
5406-16-12	1	3/4
5406-20-08	1 1/4	1/2
5406-20-12	1 1/4	3/4
5406-20-16	1 1/4	1
5406-24-12	1 1/2	3/4
5406-24-16	1 1/2	1
5406-24-20	1 1/2	1 1/4
5406-32-16	2	1
5406-32-20	2	1 1/4
5406-32-24	2	1 1/2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

146 / 2406 - JIC MALE/FEMALE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 2406-06-04 / 2406-08-04 / 2406-08-06 / 2406-08-10 / 2406-10-06 / 2406-10-08 / 2406-10-12 / 2406-12-04 / 2406-12-06 / 2406-12-08 / 2406-12-10 / 2406-16-06 / 2406-16-08 / 2406-16-12 / 2406-20-16 / 2406-24-20

2406 - JIC MALE/FEMALE

Part code	JIC M nominal thread size	JIC F nominal thread size
2406-06-04	9/16	7/16
2406-08-04	3/4	7/16
2406-08-06	3/4	9/16
2406-08-10	3/4	7/8
2406-10-06	7/8	9/16
2406-10-08	7/8	3/4
2406-10-12	7/8	1 1/16
2406-12-04	1 1/16	7/16
2406-12-06	1 1/16	9/16
2406-12-08	1 1/16	3/4
2406-12-10	1 1/16	7/8
2406-16-06	1 5/16	9/16
2406-16-08	1 5/16	3/4
2406-16-12	1 5/16	1 1/16
2406-20-16	1 5/8	1 5/16

2406 - JIC MALE/FEMALE

Part code	JIC M nominal thread size	JIC F nominal thread size
2406-24-20	1 7/8	1 5/8

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

147 / FF2406 - ORFS MALE/FEMALE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: FF2406-06-04 / FF2406-08-04 / FF2406-08-06 / FF2406-12-08 / FF2406-12-10 / FF2406-16-08 / FF2406-16-12 / FF2406-20-16

FF2406 - ORFS MALE/FEMALE

Part code	ORFS M thread designation (inch-TPI designation)	ORFS F thread designation (inch-TPI designation)
FF2406-06-04	Confirm	9/16-18
FF2406-08-04	Confirm	9/16-18
FF2406-12-08	1 3/16-12	Confirm
FF2406-12-10	1 3/16-12	1-14
FF2406-16-08	1 7/16-12	Confirm
FF2406-16-12	1 7/16-12	1 3/16-12
FF2406-20-16	1 11/16-12	1 7/16-12

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

148 / 6565 - JIC x JIC

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 6565-04-04 / 6565-06-06 / 6565-08-08 / 6565-12-12

6565 - JIC x JIC

Part code	JIC F nominal thread size	JIC F nominal thread size
6565-04-04	7/16	7/16
6565-06-06	9/16	9/16
6565-08-08	3/4	3/4
6565-12-12	1 1/16	1 1/16

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

149 / 6506 - JIC x NPT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 6506-04-04 / 6506-06-04 / 6506-06-06 / 6506-08-06 / 6506-08-08 / 6506-12-12 / 6506-12-16 / 6506-16-16

6506 - JIC x NPT

Part code	JIC F nominal thread size	NPT F nominal thread size
6506-04-04	7/16	1/4
6506-06-04	9/16	1/4
6506-06-06	9/16	3/8
6506-08-06	3/4	3/8
6506-08-08	3/4	1/2

6506 - JIC x NPT

Part code	JIC F nominal thread size	NPT F nominal thread size
6506-12-12	1 1/16	3/4
6506-12-16	1 1/16	1
6506-16-16	1 5/16	1

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

150 / 5000B - BSP STRAIGHT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 5000B-04-04 / 5000B-06-06 / 5000B-08-08 / 5000B-12-12 / 5000B-16-16

5000B - BSP STRAIGHT

Part code	BSP F nominal thread size	BSP F nominal thread size
5000B-04-04	1/4	1/4
5000B-06-06	3/8	3/8
5000B-08-08	1/2	1/2
5000B-12-12	3/4	3/4
5000B-16-16	1	1

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting shape	Straight

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

151 / 5605B - BSP T PIECE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 5605B-02-02-02 / 5605B-04-04-04 / 5605B-06-06-06 / 5605B-08-08-08

5605B - BSP T PIECE

Part code	BSP F nominal thread size	BSP F nominal thread size	BSP F nominal thread size
5605B-02-02-02	1/8	1/8	1/8
5605B-04-04-04	1/4	1/4	1/4
5605B-06-06-06	3/8	3/8	3/8
5605B-08-08-08	1/2	1/2	1/2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

152 / 5000 - NPT - STRAIGHT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 5000-02-02 / 5000-04-02 / 5000-04-04 / 5000-06-04 / 5000-06-06 / 5000-08-04 / 5000-08-06 / 5000-08-08 / 5000-12-08 / 5000-12-12 / 5000-16-08 / 5000-16-12 / 5000-16-16 / 5000-20-20 / 5000-24-24 / 5000-32-32

5000 - NPT - STRAIGHT

Part code	NPT F nominal thread size	NPT F nominal thread size
5000-02-02	1/8	1/8

5000 - NPT - STRAIGHT

Part code	NPT F nominal thread size	NPT F nominal thread size
5000-04-02	1/4	1/8
5000-04-04	1/4	1/4
5000-06-04	3/8	1/4
5000-06-06	3/8	3/8
5000-08-04	1/2	1/4
5000-08-06	1/2	3/8
5000-08-08	1/2	1/2
5000-12-08	3/4	1/2
5000-12-12	3/4	3/4
5000-16-08	1	1/2
5000-16-12	1	3/4
5000-16-16	1	1
5000-20-20	1 1/4	1 1/4
5000-24-24	1 1/2	1 1/2
5000-32-32	2	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting shape	Straight

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

153 / 5504 - NPT 90°

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 5504-02-02 / 5504-04-04 / 5504-06-06 / 5504-08-08 / 5504-12-12 / 5504-16-16 / 5504-20-20 / 5504-24-24 / 5504-32-32

5504 - NPT 90°

Part code	NPT F nominal thread size	NPT F nominal thread size
5504-02-02	1/8	1/8
5504-04-04	1/4	1/4
5504-06-06	3/8	3/8
5504-08-08	1/2	1/2
5504-12-12	3/4	3/4
5504-16-16	1	1
5504-20-20	1 1/4	1 1/4
5504-24-24	1 1/2	1 1/2
5504-32-32	2	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Fitting bend angle (°)	90

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

154 / 5605 - NPT T PIECE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 5605-02-02-02 / 5605-04-04-04 / 5605-06-06-06 / 5605-08-08-08 / 5605-12-12-12 / 5605-16-16-16 / 5605-20-20-20 / 5605-24-24-24 / 5605-32-32-32

5605 - NPT T PIECE

Part code	NPT F nominal thread size	NPT F nominal thread size	NPT F nominal thread size
5605-02-02-02	1/8	1/8	1/8
5605-04-04-04	1/4	1/4	1/4
5605-06-06-06	3/8	3/8	3/8
5605-08-08-08	1/2	1/2	1/2
5605-12-12-12	3/4	3/4	3/4
5605-16-16-16	1	1	1
5605-20-20-20	1 1/4	1 1/4	1 1/4
5605-24-24-24	1 1/2	1 1/2	1 1/2
5605-32-32-32	2	2	2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

155 / 5652 - NPT CROSS

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 5652-02 / 5652-04 / 5652-06 / 5652-08 / 5652-12 / 5652-16

5652 - NPT CROSS

Part code	NPT F nominal thread size
5652-02	1/8
5652-04	1/4
5652-06	3/8
5652-08	1/2
5652-12	3/4
5652-16	1

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

156 / 304B - BSP CAP

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 304B-04 / 304B-06 / 304B-08 / 304B-12 / 304B-16

304B - BSP CAP

Part code	BSP nominal thread size
304B-04	1/4
304B-06	3/8
304B-08	1/2
304B-12	3/4
304B-16	1

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

157 / 304C - JIC CAP

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 304C-04 / 304C-05 / 304C-06 / 304C-08 / 304C-10 / 304C-12 / 304C-16 / 304C-20 / 304C-24 / 304C-32

304C - JIC CAP

Part code	JIC nominal thread size
304C-04	7/16
304C-06	9/16
304C-08	3/4
304C-10	7/8
304C-12	1 1/16
304C-16	1 5/16
304C-20	1 5/8
304C-24	1 7/8
304C-32	2 1/2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

158 / FF304C - ORFS CAP

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: FF304C-04 / FF304C-06 / FF304C-08 / FF304C-10 / FF304C-12 / FF304C-16 / FF304C-20 / FF304C-24

FF304C - ORFS CAP

Part code	ORFS thread designation (inch-TPI designation)
FF304C-10	1-14
FF304C-12	1 3/16-12
FF304C-16	1 7/16-12
FF304C-20	1 11/16-12
FF304C-24	2-12
FF304C-04	9/16-18

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

159 / 318 - JIC TUBE NUT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 318-04 / 318-05 / 318-06 / 318-08 / 318-10 / 318-12 / 318-16 / 318-20

318 - JIC TUBE NUT

Part code	JIC nominal thread size
318-06	9/16
318-08	3/4
318-10	7/8
318-12	1 1/16
318-16	1 5/16
318-20	1 5/8

318 - JIC TUBE NUT

Part code	JIC nominal thread size
318-04	7/16

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

[Application & quotation checklist](#)

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

160 / 319 - JIC FERRULES

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 319-04 / 319-05 / 319-06 / 319-08 / 319-10 / 319-12 / 319-16 / 319-24

319 - JIC FERRULES

Part code	JIC nominal thread size
319-06	9/16
319-08	3/4
319-10	7/8
319-12	1 1/16
319-16	1 5/16
319-24	1 7/8
319-04	7/16

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

[Application & quotation checklist](#)

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

161 / 0306 - JIC LOCKNUT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 0306-04 / 0306-05

0306 - JIC LOCKNUT

Part code	JIC nominal thread size
0306-04	7/16

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

162 / DW - Self Centering Bonded Seal - Imperial

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: DW-02 / DW-04 / DW-06 / DW-08 / DW-10 / DW-12 / DW-16 / DW-20 / DW-24 / DW-32

DW bonded seals - imperial self-centering reference configurations / column group 1 of 2

Part code	Self-centering reference ()	Alternative reference ()	BSP nominal size	Bolt size () (in)	Dimension A (as labelled) (mm)	Dimension B (as labelled) (mm)	Dimension C (as labelled) (mm)
DW-02	820	PP45-A	1/8	3/8	15.88	11.84	10.37
DW-04	821	PP45-B	1/4	1/2	20.57	15.21	13.74
DW-06	823	PP45-C	3/8	Confirm	23.8	18.75	17.28
DW-08	825	PP45-D	1/2	13/16	28.58	23.01	21.54
DW-10	826	PP45-E	5/8	7/8	31.75	24.97	23.49
DW-12	827	PP45-F	3/4	1	34.93	28.53	27.05
DW-16	830	PP45-H	1	1 5/16	42.8	36.88	33.89
DW-20	832	PP45-J	1 1/4	1 5/8	52.38	45.93	42.93

DW bonded seals - imperial self-centering reference configurations / column group 1 of 2

Part code	Self-centering reference ()	Alternative reference ()	BSP nominal size	Bolt size () (in)	Dimension A (as labelled) (mm)	Dimension B (as labelled) (mm)	Dimension C (as labelled) (mm)
DW-24	833	PP45-K	1 1/2	1 7/8	58.6	51.39	48.44
DW-32	836	PP45-M	2	Confirm	73.03	63.63	60.58

Identifying columns are repeated. Read all column groups together for the complete row specification.

DW bonded seals - imperial self-centering reference configurations / column group 2 of 2

Part code	Dimension E (as labelled) (mm)	Dimension F (as labelled) (mm)
DW-02	2.03	8.56
DW-04	2.03	11.45
DW-06	2.03	14.96
DW-08	2.0	18.64
DW-10	2.5	20.6
DW-12	2.0	24.13
DW-16	2.5	30.3
DW-20	2.5	38.96
DW-24	2.5	44.86
DW-32	2.5	56.67

Identifying columns are repeated. Read all column groups together for the complete row specification.

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Configuration selection	Reference-specific configuration required; preserve all rows for a shared bare code.

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

163 / DW_M - Self Centering Bonded Seal - Metric

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: DW-06M / DW-08M / DW-10M / DW-12M / DW-14M / DW-16M / DW-18M / DW-20M / DW-22M / DW-24M / DW-26M / DW-30M / DW-36M

DW_M bonded seals - German metric reference configurations / column group 1 of 2

Part code	Reference ()	Self-centering reference ()	Alternative reference ()	Dimension A (as labelled) (mm)	Dimension B (as labelled) (mm)	Dimension C (as labelled) (mm)	Dimension D (as labelled) (mm)
DW-06M	206	606	PPM6	10.0	8.0	6.7	0.3
DW-06M	207	607	PPM6	11.0	8.2	6.7	0.3
DW-08M	212	612	PPM8	13.0	10.0	8.7	0.3
DW-08M	213	613	PPM8	14.0	10.4	8.7	0.3
DW-10M	216	616	PPM10	15.88	12.0	10.35	0.4
DW-10M	217	617	PPM10	16.0	12.4	10.7	0.4
DW-10M	218	618	PPM10	18.0	12.4	10.7	0.4
DW-12M	222	622	PPM12	18.0	14.3	12.7	0.4
DW-12M	223	623	PPM12	20.0	14.4	12.7	0.4
DW-14M	227	627	PPM14	22.0	16.4	14.7	0.4
DW-16M	229	629	PPM16	24.0	18.4	16.7	0.4
DW-18M	232	632	PPM18	26.0	20.4	18.7	0.4
DW-20M	233	633	PPM20	28.0	22.5	20.7	0.4
DW-22M	236	636	PPM22	30.0	24.4	22.7	0.4
DW-22M	237	Confirm	PPM22	30.0	24.4	22.7	0.4
DW-24M	238	638	PPM24	32.0	26.4	24.7	0.4

DW_M bonded seals - German metric reference configurations / column group 1 of 2

Part code	Reference ()	Self-centering reference ()	Alternative reference ()	Dimension A (as labelled) (mm)	Dimension B (as labelled) (mm)	Dimension C (as labelled) (mm)	Dimension D (as labelled) (mm)
DW-26M	239	639	PPM26	35.0	28.4	26.7	0.4
DW-30M	242	642	PPM30	39.0	33.0	31.0	0.4
DW-36M	245	645	PPM36	46.0	38.8	36.7	0.4

Identifying columns are repeated. Read all column groups together for the complete row specification.

DW_M bonded seals - German metric reference configurations / column group 2 of 2

Part code	Reference ()	Dimension E (as labelled) (mm)	Dimension F (as labelled) (mm)
DW-06M	206	1.0	4.7
DW-06M	207	1.0	4.7
DW-08M	212	1.0	6.4
DW-08M	213	1.0	6.4
DW-10M	216	2.0	8.56
DW-10M	217	1.5	8.05
DW-10M	218	1.5	8.05
DW-12M	222	1.5	9.73
DW-12M	223	1.5	9.73
DW-14M	227	1.5	11.38
DW-16M	229	1.5	13.41
DW-18M	232	1.5	14.76
DW-20M	233	1.5	16.76
DW-22M	236	2.0	18.74
DW-22M	237	3.0	Confirm

DW_M bonded seals - German metric reference configurations / column group 2 of 2

Part code	Reference ()	Dimension E (as labelled) (mm)	Dimension F (as labelled) (mm)
DW-24M	238	2.0	20.11
DW-26M	239	2.0	22.3
DW-30M	242	2.0	25.7
DW-36M	245	2.0	31.1

Identifying columns are repeated. Read all column groups together for the complete row specification.

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

DW_M bonded seals - PM1000 metric reference configurations / column group 1 of 2

Part code	Reference ()	Self-centering reference ()	Metric size ()	Dimension A (as labelled) (mm)	Dimension B (as labelled) (mm)	Dimension C (as labelled) (mm)	Dimension D (as labelled) (mm)
DW-06M	3099	4099	M6	10.0	8.0	7.4	6.0
DW-08M	3138	4138	M8	14.0	11.0	10.0	8.0
DW-10M	3076	4076	M10	17.0	13.0	12.0	10.0
DW-12M	3077	4077	M12	19.0	16.0	15.0	12.0
DW-14M	3063	4063	M14	22.0	18.0	17.0	14.0
DW-16M	3078	4078	M16	24.0	20.0	19.0	16.0
DW-18M	3064	4064	M18	27.0	22.0	21.0	18.0
DW-20M	3079	4079	M20	30.0	25.0	24.0	20.0
DW-22M	3098	4098	M22	32.0	27.0	26.0	22.0
DW-24M	3080	4080	M24	36.0	29.0	28.0	24.0
DW-26M	3065	4065	M26	35.0	30.5	30.0	26.0

Identifying columns are repeated. Read all column groups together for the complete row specification.

DW_M bonded seals - PM1000 metric reference configurations / column group 2 of 2

Part code	Dimension E (as labelled) (mm)	Dimension F (as labelled) (mm)	Dimension H (as labelled) (mm)
DW-06M	1.0	0.4	4.7
DW-08M	1.0	0.4	6.4
DW-10M	1.5	0.5	8.56
DW-12M	1.5	0.5	9.73
DW-14M	1.5	0.5	11.38
DW-16M	1.5	0.5	13.41
DW-18M	2.0	0.5	14.76
DW-20M	2.0	0.5	16.76
DW-22M	2.0	0.5	18.74
DW-24M	2.0	0.5	20.11
DW-26M	2.0	0.5	22.3

Identifying columns are repeated. Read all column groups together for the complete row specification.

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Construction & application

Parameter	Specification
Configuration selection	Reference-specific configuration required; preserve all rows for a shared bare code.

Operating limits apply to the selected construction and configuration. Confirm the medium, temperature, pressure and end connections for the complete assembly.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

164 / 60 - COMPRESSION SLEEVE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 60-02 / 60-03 / 60-04 / 60-05 / 60-06 / 60-07 / 60-08 / 60-10 / 60-12

compression-sleeves

Part code	Accepted tube outside diameter (in)
60-02	1/8
60-03	3/16
60-04	1/4
60-05	5/16
60-06	3/8
60-08	1/2
60-10	5/8
60-12	3/4

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

compression-sleeves - construction & conditions

Parameter	Specification
Material	Brass; alloy grade not stated

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Live-linked compression sizes omitted in 2026 table

Part code	Size (in)
60-07	7/16

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

165 / 61 - COMPRESSION NUT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 61-02 / 61-03 / 61-04 / 61-05 / 61-06 / 61-07 / 61-08 / 61-10 / 61-12

compression-nuts

Part code	Accepted tube outside diameter (in)
61-02	1/8
61-03	3/16
61-04	1/4
61-05	5/16
61-06	3/8
61-08	1/2
61-10	5/8
61-12	3/4

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

compression-nuts - construction & conditions

Parameter	Specification
Material	Brass; alloy grade not stated

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Live-linked compression sizes omitted in 2026 table

Part code	Size (in)
61-07	7/16

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

166 / 62 - COMPRESSION UNION

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 62-02 / 62-03 / 62-04 / 62-05 / 62-06 / 62-07 / 62-08 / 62-10 / 62-12

compression-unions

Part code	Accepted tube outside diameter (in)
62-02	1/8
62-03	3/16
62-04	1/4
62-05	5/16
62-06	3/8
62-08	1/2
62-10	5/8
62-12	3/4

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

compression-unions - construction & conditions

Parameter	Specification
Material	Brass; alloy grade not stated

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Live-linked compression sizes omitted in 2026 table

Part code	Size (in)
62-07	7/16

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

167 / 63 - SOFT TUBE SUPPORT

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 63-03 / 63-04 / 63-05 / 63-06 / 63-08 / 63-12M

soft-tube-support-imperial

Part code	Accepted tube outside diameter (in)
63-03	3/16
63-04	1/4
63-05	5/16
63-06	3/8
63-08	1/2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

soft-tube-support-imperial - construction & conditions

Parameter	Specification
Material	Brass; alloy grade not stated

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

soft-tube-support-metric

Part code	Accepted tube outside diameter (mm)
63-12M	12

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

soft-tube-support-metric - construction & conditions

Parameter	Specification
Material	Brass; alloy grade not stated

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

168 / 64 - COMPRESSION TEE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 64-02 / 64-03 / 64-04 / 64-04M / 64-05 / 64-06 / 64-06M / 64-08 / 64-08M / 64-10 / 64-10M / 64-12M

compression-tees

Part code	Accepted tube outside diameter (in)
64-02	1/8
64-03	3/16
64-04	1/4
64-05	5/16
64-06	3/8
64-08	1/2
64-10	5/8

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

compression-tees - construction & conditions

Parameter	Specification
Configuration	equal tee
Material	Brass; alloy grade not stated

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

compression-tees-metric

Part code	Accepted tube outside diameter (mm)
64-04M	4
64-06M	6
64-08M	8
64-10M	10
64-12M	12

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

compression-tees-metric - construction & conditions

Parameter	Specification
Configuration	equal tee
Material	Brass; alloy grade not stated

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

169 / 65 - COMPRESSION UNION ELBOW

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 65-02 / 65-03 / 65-04 / 65-04M / 65-05 / 65-05M / 65-06 / 65-06M / 65-08 / 65-08M / 65-10 / 65-10M / 65-12 / 65-12M

compression-union-elbows

Part code	Accepted tube outside diameter (in)
65-02	1/8
65-03	3/16
65-04	1/4
65-05	5/16
65-06	3/8
65-08	1/2
65-10	5/8
65-12	3/4

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

compression-union-elbows - construction & conditions

Parameter	Specification
Angle deg (degree)	90
Material	Brass; alloy grade not stated

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

compression-union-elbows-metric

Part code	Accepted tube outside diameter (mm)
65-04M	4
65-05M	5

compression-union-elbows-metric

Part code	Accepted tube outside diameter (mm)
65-06M	6
65-08M	8
65-10M	10
65-12M	12

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

compression-union-elbows-metric - construction & conditions

Parameter	Specification
Angle deg (degree)	90
Material	Brass; alloy grade not stated

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

170 / 103 - FEMALE COUPLING

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 103-02 / 103-04 / 103-06 / 103-08 / 103-12

female-couplings

Part code	Thread nominal size
103-02	1/8
103-04	1/4
103-06	3/8

[female-couplings](#)

Part code	Thread nominal size
103-08	1/2
103-12	3/4

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

[female-couplings - construction & conditions](#)

Parameter	Specification
Connection genders	female x female
Pipe thread type	BSP; exact parallel/taper form not specified
Material	Brass; alloy grade not stated

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

[Application & quotation checklist](#)

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

171 / 110 - REDUCING BUSH

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 110-0402 / 110-0602 / 110-0604 / 110-0802 / 110-0804 / 110-0806 / 110-1202 / 110-1204 / 110-1206 / 110-1208

[reducing-bushes](#)

Part code	Male thread nominal size	Female thread nominal size
110-0402	1/4	1/8
110-0602	3/8	1/8
110-0604	3/8	1/4
110-0802	1/2	1/8

reducing-bushes

Part code	Male thread nominal size	Female thread nominal size
110-0804	1/2	1/4
110-0806	1/2	3/8
110-1202	3/4	1/8
110-1204	3/4	1/4
110-1206	3/4	3/8
110-1208	3/4	1/2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

reducing-bushes - construction & conditions

Parameter	Specification
Pipe thread type	BSP; exact parallel/taper form not specified
Material	Brass; alloy grade not stated

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

172 / 112 - FEMALE TEE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 112-02 / 112-04 / 112-06 / 112-08 / 112-12

female-tees

Part code	Thread nominal size
112-02	1/8

female-tees

Part code	Thread nominal size
112-04	1/4
112-06	3/8
112-08	1/2
112-12	3/4

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

female-tees - construction & conditions

Parameter	Specification
Configuration	equal female tee
Pipe thread type	BSP; exact parallel/taper form not specified
Material	Brass; alloy grade not stated

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

173 / 114 - FEMALE ELBOW

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 114-02 / 114-04 / 114-06 / 114-08

female-elbows

Part code	Thread nominal size
114-02	1/8
114-04	1/4

female-elbows

Part code	Thread nominal size
114-06	3/8
114-08	1/2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

female-elbows - construction & conditions

Parameter	Specification
Fitting angle deg (degree)	90
Pipe thread type	BSP; exact parallel/taper form not specified
Material	Brass; alloy grade not stated

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

174 / 115 - MALE BRANCH TEE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 115-02 / 115-04 / 115-06

male-branch-tees

Part code	Thread nominal size
115-02	1/8
115-04	1/4
115-06	3/8

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

[male-branch-tees - construction & conditions](#)

Parameter	Specification
Configuration	male branch tee
Pipe thread type	BSP; exact parallel/taper form not specified
Material	Brass; alloy grade not stated

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

[Application & quotation checklist](#)

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

175 / 116 - FEMALE CROSS

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 116-02 / 116-04 / 116-06

[female-crosses](#)

Part code	Thread nominal size
116-02	1/8
116-04	1/4
116-06	3/8

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

[female-crosses - construction & conditions](#)

Parameter	Specification
Configuration	four-way female cross
Pipe thread type	BSP; exact parallel/taper form not specified
Material	Brass; alloy grade not stated

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

176 / 117 - MALEFEMALE ELBOW

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 117-0202 / 117-0402 / 117-0404 / 117-0606 / 117-0808 / 117-1212

male-female-elbows

Part code	Male thread nominal size	Female thread nominal size
117-0202	1/8	1/8
117-0402	1/4	1/8
117-0404	1/4	1/4
117-0606	3/8	3/8
117-0808	1/2	1/2
117-1212	3/4	3/4

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

male-female-elbows - construction & conditions

Parameter	Specification
Fitting angle deg (degree)	90
Pipe thread type	BSP; exact parallel/taper form not specified
Material	Brass; alloy grade not stated

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

177 / 120 - MALEFEMALE ADAPTOR

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 120-0202 / 120-0204 / 120-0402 / 120-0404 / 120-0406 / 120-0408 / 120-0604 / 120-0606 / 120-0608 / 120-0804 / 120-0806 / 120-0808

male-female-straight-adaptors

Part code	Male thread nominal size	Female thread nominal size
120-0202	1/8	1/8
120-0204	1/8	1/4
120-0402	1/4	1/8
120-0404	1/4	1/4
120-0406	1/4	3/8
120-0408	1/4	1/2
120-0604	3/8	1/4
120-0606	3/8	3/8
120-0608	3/8	1/2
120-0804	1/2	1/4
120-0806	1/2	3/8
120-0808	1/2	1/2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

male-female-straight-adaptors - construction & conditions

Parameter	Specification
Configuration	straight
Pipe thread type	BSP; exact parallel/taper form not specified
Material	Brass; alloy grade not stated

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

178 / 122 - HEX NIPPLE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 122-0202 / 122-0402 / 122-0404 / 122-0602 / 122-0604 / 122-0606 / 122-0804 / 122-0806 / 122-0808 / 122-1212

hex-nipples

Part code	Male 1 thread nominal size	Male 2 thread nominal size
122-0202	1/8	1/8
122-0402	1/4	1/8
122-0404	1/4	1/4
122-0602	3/8	1/8
122-0604	3/8	1/4
122-0606	3/8	3/8
122-0804	1/2	1/4
122-0806	1/2	3/8
122-0808	1/2	1/2
122-1212	3/4	3/4

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

hex-nipples - construction & conditions

Parameter	Specification
Pipe thread type	BSP; exact parallel/taper form not specified
Material	Brass; alloy grade not stated

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

179 / 124 - MALEFEMALE ADAPTOR

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 124-02 / 124-04 / 124-06 / 124-08

male-female-45-adaptors

Part code	Thread nominal size
124-02	1/8
124-04	1/4
124-06	3/8
124-08	1/2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

male-female-45-adaptors - construction & conditions

Parameter	Specification
Fitting angle deg (degree)	45
Pipe thread type	BSP; exact parallel/taper form not specified
Material	Brass; alloy grade not stated

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

180 / 48 - SAE 45° FLARE MALE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 48-0302 / 48-0402 / 48-0404 / 48-0604 / 48-0606 / 48-0608 / 48-0808 / 48-1212

sae-flare-male-connectors

Part code	Accepted tube outside diameter (in)	Male thread nominal size
48-0302	3/16	1/8
48-0402	1/4	1/8
48-0404	1/4	1/4
48-0604	3/8	1/4
48-0606	3/8	3/8
48-0608	3/8	1/2
48-0808	1/2	1/2
48-1212	3/4	3/4

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

sae-flare-male-connectors - construction & conditions

Parameter	Specification
Flare angle deg (degree)	45
Pipe thread standard	not stated for SAE family; no BSP/NPT inference
Material	Brass; alloy grade not stated

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

181 / 49 - SAE 45° FLARE MALE ELBOW

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 49-0404 / 49-0604 / 49-0606 / 49-0806 / 49-1006

[sae-flare-male-elbows](#)

Part code	Accepted tube outside diameter (in)	Male thread nominal size
49-0404	1/4	1/4
49-0604	3/8	1/4
49-0606	3/8	3/8
49-0806	1/2	3/8
49-1006	5/8	3/8

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

[sae-flare-male-elbows - construction & conditions](#)

Parameter	Specification
Flare angle deg (degree)	45
Fitting angle deg (degree)	90
Pipe thread standard	not stated for SAE family; no BSP/NPT inference
Material	Brass; alloy grade not stated

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

[Application & quotation checklist](#)

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

182 / 62M - METRIC COMPRESSION UNION

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 62-04M / 62-06M / 62-08M / 62-10M / 62-12M

compression-unions-metric

Part code	Accepted tube outside diameter (mm)
62-04M	4
62-06M	6
62-08M	8
62-10M	10
62-12M	12

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

compression-unions-metric - construction & conditions

Parameter	Specification
Material	Brass; alloy grade not stated

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

183 / 66 - FEMALE CONNECTOR

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 66-0202 / 66-0302 / 66-0402 / 66-0404 / 66-0406 / 66-0502 / 66-0504 / 66-0602 / 66-0604 / 66-0606 / 66-0608 / 66-0804 / 66-0806 / 66-0808 / 66-1008 / 66-1208

female-compression-connectors

Part code	Accepted tube outside diameter (in)	Female thread nominal size
66-0202	1/8	1/8
66-0302	3/16	1/8

female-compression-connectors

Part code	Accepted tube outside diameter (in)	Female thread nominal size
66-0402	1/4	1/8
66-0404	1/4	1/4
66-0406	1/4	3/8
66-0502	5/16	1/8
66-0504	5/16	1/4
66-0602	3/8	1/8
66-0604	3/8	1/4
66-0606	3/8	3/8
66-0608	3/8	1/2
66-0804	1/2	1/4
66-0806	1/2	3/8
66-0808	1/2	1/2
66-1008	5/8	1/2
66-1208	3/4	1/2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

female-compression-connectors - construction & conditions

Parameter	Specification
Pipe thread type	BSP; exact parallel/taper form not specified
Material	Brass; alloy grade not stated

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

184 / 68 - MALE CONNECTOR

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 68-0202 / 68-0204 / 68-0302 / 68-0304 / 68-0402 / 68-0404 / 68-0406 / 68-0408 / 68-0502 / 68-0504 / 68-0506 / 68-0602 / 68-0604 / 68-0606 / 68-0608 / 68-0804 / 68-0806 / 68-0808 / 68-0812 / 68-1006 / 68-1008 / 68-1208 / 68-1212

male-compression-connectors

Part code	Accepted tube outside diameter (in)	Male thread nominal size
68-0202	1/8	1/8
68-0204	1/8	1/4
68-0302	3/16	1/8
68-0304	3/16	1/4
68-0402	1/4	1/8
68-0404	1/4	1/4
68-0406	1/4	3/8
68-0408	1/4	1/2
68-0502	5/16	1/8
68-0504	5/16	1/4
68-0506	5/16	3/8
68-0602	3/8	1/8
68-0604	3/8	1/4
68-0606	3/8	3/8
68-0608	3/8	1/2
68-0804	1/2	1/4
68-0806	1/2	3/8

male-compression-connectors

Part code	Accepted tube outside diameter (in)	Male thread nominal size
68-0808	1/2	1/2
68-0812	1/2	3/4
68-1006	5/8	3/8
68-1008	5/8	1/2
68-1208	3/4	1/2
68-1212	3/4	3/4

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

male-compression-connectors - construction & conditions

Parameter	Specification
Pipe thread type	BSP; exact parallel/taper form not specified
Material	Brass; alloy grade not stated

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

185 / 68M - METRIC MALE CONNECTOR

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 68-04M-02 / 68-04M-04 / 68-06M-02 / 68-06M-04 / 68-08M-02 / 68-08M-04 / 68-08M-06 / 68-10M-04 / 68-10M-06 / 68-10M-08 / 68-12M-06 / 68-12M-08

male-compression-connectors-metric

Part code	Accepted tube outside diameter (mm)	Male thread nominal size
68-04M-02	4	1/8

male-compression-connectors-metric

Part code	Accepted tube outside diameter (mm)	Male thread nominal size
68-04M-04	4	1/4
68-06M-02	6	1/8
68-06M-04	6	1/4
68-08M-02	8	1/8
68-08M-04	8	1/4
68-08M-06	8	3/8
68-10M-04	10	1/4
68-10M-06	10	3/8
68-10M-08	10	1/2
68-12M-06	12	3/8
68-12M-08	12	1/2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

male-compression-connectors-metric - construction & conditions

Parameter	Specification
Pipe thread type	BSP; exact parallel/taper form not specified
Material	Brass; alloy grade not stated

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

186 / 69 - MALE CONNECTOR ELBOW

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 69-0202 / 69-0302 / 69-0304 / 69-0402 / 69-0404 / 69-0406 / 69-0502 / 69-0504 / 69-0506 / 69-0602 / 69-0604 / 69-0606 / 69-0608 / 69-0804 / 69-0806 / 69-0808 / 69-1006 / 69-1008 / 69-1208 / 69-1212

male-compression-elbows

Part code	Accepted tube outside diameter (in)	Male thread nominal size
69-0202	1/8	1/8
69-0302	3/16	1/8
69-0304	3/16	1/4
69-0402	1/4	1/8
69-0404	1/4	1/4
69-0406	1/4	3/8
69-0502	5/16	1/8
69-0504	5/16	1/4
69-0506	5/16	3/8
69-0602	3/8	1/8
69-0604	3/8	1/4
69-0606	3/8	3/8
69-0608	3/8	1/2
69-0804	1/2	1/4
69-0806	1/2	3/8
69-0808	1/2	1/2
69-1006	5/8	3/8

male-compression-elbows

Part code	Accepted tube outside diameter (in)	Male thread nominal size
69-1008	5/8	1/2
69-1208	3/4	1/2
69-1212	3/4	3/4

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

male-compression-elbows - construction & conditions

Parameter	Specification
Fitting angle deg (degree)	90
Pipe thread type	BSP; exact parallel/taper form not specified
Material	Brass; alloy grade not stated

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

187 / 828 - TEE JOINT NIPPLE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: 828-040404 / 828-050505 / 828-060606 / 828-080808

barbed-tees

Part code	Accepted hose inside diameter
828-040404	1/4
828-050505	5/16
828-060606	3/8

[barbed-tees](#)

Part code	Accepted hose inside diameter
828-080808	1/2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

[barbed-tees - construction & conditions](#)

Parameter	Specification
Configuration	barbed tee
Material	Brass; alloy grade not stated

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

[Application & quotation checklist](#)

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

188 / AF - NPT MALE HOSE NIPPLE

Connection components selected by thread, sealing form, dimensions and operating duty.

Ordering references: AF-1208 / AF-1212 / AF-202 / AF-203 / AF-204 / AF-205 / AF-206 / AF-402 / AF-403 / AF-404 / AF-405 / AF-406 / AF-408 / AF-604 / AF-605 / AF-606 / AF-608 / AF-610 / AF-804 / AF-805 / AF-806 / AF-808 / AF-810 / AF-812

[npt-male-hose-nipples](#)

Part code	NPT male nominal size	Accepted hose inside diameter
AF-202	1/8	1/8
AF-203	1/8	3/16
AF-204	1/8	1/4
AF-205	1/8	5/16
AF-206	1/8	3/8
AF-402	1/4	1/8

npt-male-hose-nipples

Part code	NPT male nominal size	Accepted hose inside diameter
AF-403	1/4	3/16
AF-404	1/4	1/4
AF-405	1/4	5/16
AF-406	1/4	3/8
AF-408	1/4	1/2
AF-604	3/8	1/4
AF-605	3/8	5/16
AF-606	3/8	3/8
AF-608	3/8	1/2
AF-610	3/8	5/8
AF-804	1/2	1/4
AF-805	1/2	5/16
AF-806	1/2	3/8
AF-808	1/2	1/2
AF-810	1/2	5/8
AF-812	1/2	3/4
AF-1208	3/4	1/2
AF-1212	3/4	3/4

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

npt-male-hose-nipples - construction & conditions

Parameter	Specification
Configuration	NPT male x hose barb
Material	Brass; alloy grade not stated

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

189 / Custom Machined Fittings

Made-to-drawing fittings and special connections.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

This family is specified to the required application and configuration. The quotation confirms the selected material, dimensions and operating rating; no universal rating is implied for every option.

190 / 109 - Hex Stop Plug

109 - Hex Stop Plug configurations selected for the required connection and application.

Application: 109 - Hex Stop Plug

Family reference: 103-02

Ordering references: 109-02 / 109-04 / 109-06 / 109-08 / 109-12

male-stop-plugs

Part code	Thread nominal size
109-02	1/8
109-04	1/4
109-06	3/8

[male-stop-plugs](#)

Part code	Thread nominal size
109-08	1/2
109-12	3/4

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

[male-stop-plugs - construction & conditions](#)

Parameter	Specification
Connection genders	male stop plug
Pipe thread type	BSP; exact parallel/taper form not specified
Material	Brass; alloy grade not stated

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

[Application & quotation checklist](#)

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

191 / 127 - Pipe Male Run Tee

127 - Pipe Male Run Tee configurations selected for the required connection and application.

Application: 127 - Pipe Male Run Tee

Family reference: 124-02

Ordering references: 127-02 / 127-04 / 127-06 / 127-08

[male-run-tees](#)

Part code	Thread nominal size
127-02	1/8
127-04	1/4

male-run-tees

Part code	Thread nominal size
127-06	3/8
127-08	1/2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

male-run-tees - construction & conditions

Parameter	Specification
Configuration	pipe male run tee
Pipe thread type	BSP; exact parallel/taper form not specified
Material	Brass; alloy grade not stated

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration

192 / AF - Airline Hose Joiner

AF - Airline Hose Joiner configurations selected for the required connection and application.

Application: AF - Airline Hose Joiner

Family reference: AF-1208

Ordering references: AF-19 / AF-20 / AF-21 / AF-22 / AF-23

airline-hose-joiners

Part code	Accepted hose inside diameter
AF-19	3/16
AF-20	1/4

airline-hose-joiners

Part code	Accepted hose inside diameter
AF-21	5/16
AF-22	3/8
AF-23	1/2

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

airline-hose-joiners - construction & conditions

Parameter	Specification
Configuration	barb x barb hose joiner; no pipe thread
Material	Brass; alloy grade not stated

Dimensions and ratings apply to the exact configuration shown. Match the connection, material, seal and operating conditions before selection.

Application & quotation checklist

Thread standard, size and sealing form; Hose construction or mating connection; Material and pressure rating; Straight, elbow, tee or special configuration