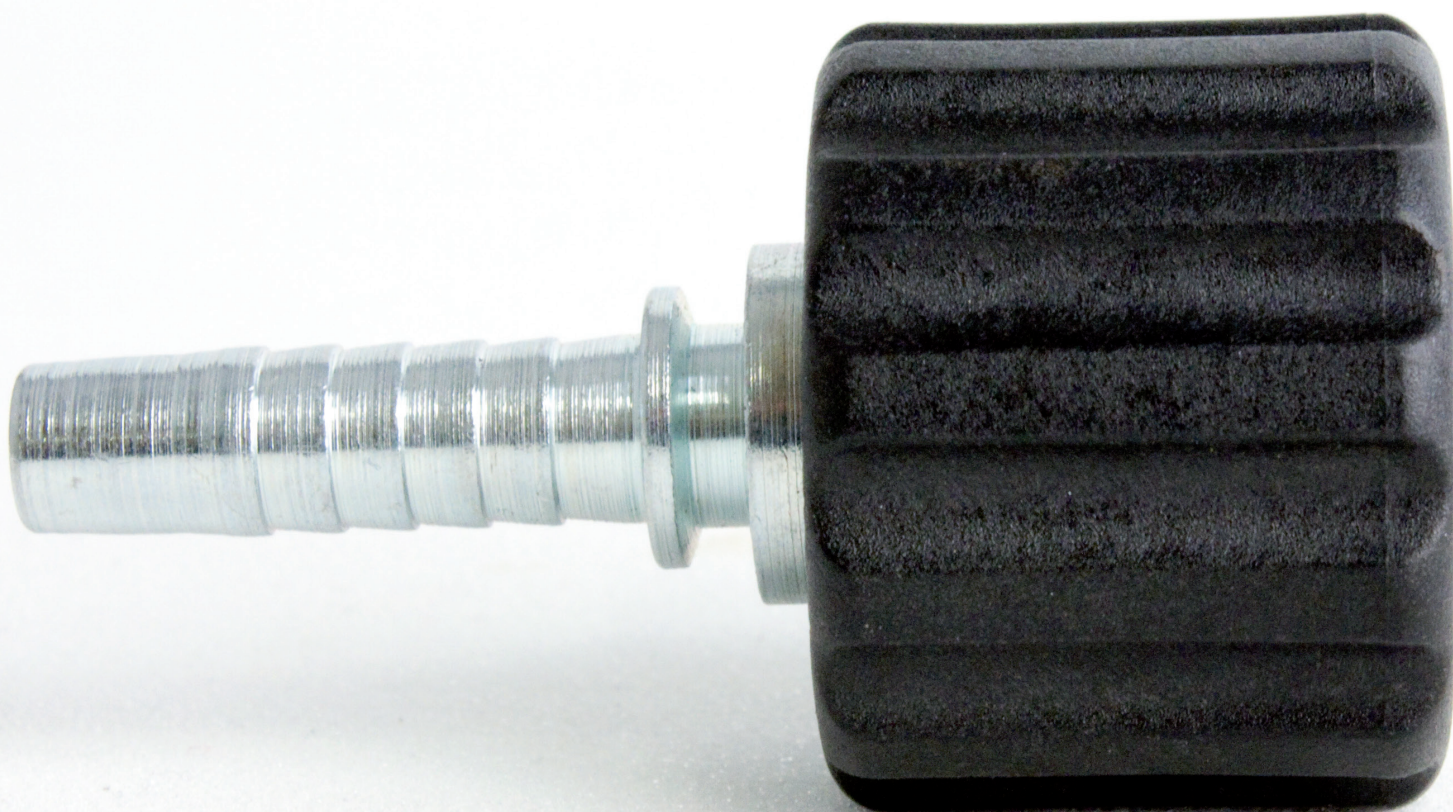


CROSS OVER FITTINGS

4:2

4:2



HYDROSCAND CROSS OVER FITTINGS

PRODUCT GROUP 420

Hydroscand's Cross Over Fittings are suitable for both spiral and braided hoses. They are recommended for a wide range of fluids such as hydraulic oil, solvents, gases, water cleaning equipment etc.

All fittings are manufactured in one piece except for the compact bend which are brazed.

There are three types of nuts on the Hydroscand fittings, they can be recognised by the different suffixes in their part numbers.

The part number with no suffix

The fitting is delivered with a crimped nut.

The part number with suffix 1

The fitting is delivered with a thrust wire nut.

The part number with suffix 2

The fitting is delivered with a slip-on nut which is kept in place with a plastic washer.

Please note that the working pressure is reduced for hose types DELTAFLEX, GAMMAFLEX and ISOBAR 350 when using 4200 ferrules and inserts.

The following working pressures are recommended:

Hose size		WP
inch	mm	MPa
5/8"	16,0	40,0
3/4"	19,0	38,0
1"	25,0	32,0
1 1/4"	32,0	21,0
1 1/2"	38,0	18,5
2"	50,0	16,5

Working Pressure in MPa

1 MPa = 10 Bar = 145 psi

For heavy duty applications with Deltaflex, Gammaflex and Iso-bar 350, we recommend our Interlock series (4400).

A correct assembly makes a safe unit. Follow the assembly instructions on page 127.

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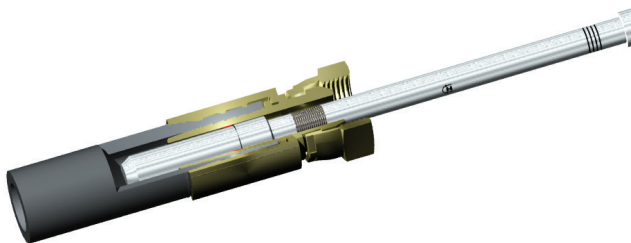
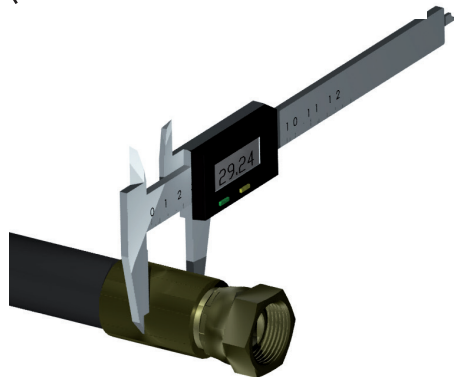
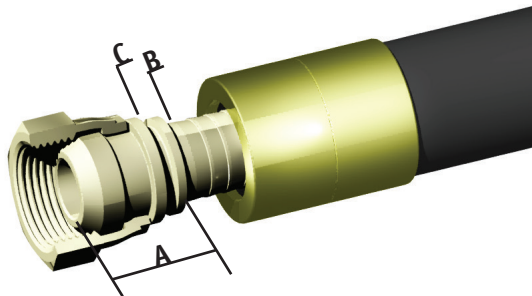
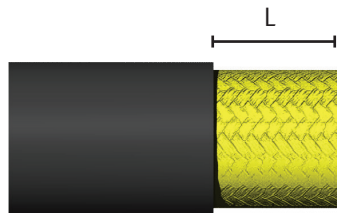
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ASSEMBLY INSTRUCTIONS FOR CROSS OVER FITTINGS



1. Cut the hose transversely. Remember that all fittings have a cut-off length "A".

2. If using a skive ferrule, the hose should be skived to the steel wire. The skiving length "L" is noted in the Swaging Manual. Be careful not to damage the steel wire when skiving. If you are using non-skived ferrules you do not need to skive the hose. Clean the hose end from dirt and particles.

3. Push the ferrule onto the hose until it stops. Lubricate the insert and push it into the hose until the stop "B" meets the hose end. Thereafter, pull out the ferrule towards "C".

4. Swage the ferrule and the fitting according to the required swage diameter "D" (see the Swaging Manual). Use a caliper to check the swage diameter.

5. Make sure that the correct internal collapse (see the Swaging Manual) has been achieved by using the Hydroscand control pin (9015-xx-xx).

The GO part should pass into the fitting to make sure the swaging is not overdone. The STOP part, on the other hand, should not be able to pass to make sure the swaging is not underdone.

The Hydroscand control pins (9015-xx-xx) are equipped with one side applicable for braided hoses (knurled), and one side for spiral hoses (four grooves).

NOTE!

It is important to use hoses and fittings that are adjusted to fit together. Our hoses and fittings have been tested for a perfect fit.



4200-07
Ferrule EN1SC
 Non-skived
 PRODUCT GROUP 300

Part no.	Use with	Hose ID
4200-07-04	EN1SC	1/4"
4200-07-05	EN1SC	5/16"
4200-07-06	EN1SC	3/8"
4200-07-08	EN1SC	1/2"
4200-07-10	EN1SC	5/8"
4200-07-12	EN1SC	3/4"
4200-07-16	EN1SC	1"



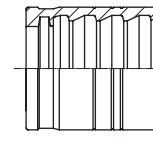
4200-22
Ferrule EN2SN
 Skive
 PRODUCT GROUP 300

Part number	Use with	Hose ID
4200-22-20	EN2SN	1 1/4"
4200-22-24	EN2SN	1 1/2"
4200-22-32	EN2SN	2"



4200-11
Ferrule R1AT/DIN EN1SN, 2SC
 Non-skived
 PRODUCT GROUP 300

Part no.	Use with	Hose ID
4200-11-03	EN1SN, 2SC	3/16"
4200-11-04	EN1SN, 2SC	1/4"
4200-11-05	EN1SN, 2SC	5/16"
4200-11-06	EN1SN, 2SC	3/8"
4200-11-08	EN1SN, 2SC	1/2"
4200-11-10	EN1SN, 2SC	5/8"
4200-11-12	EN1SN, 2SC	3/4"
4200-11-16	EN1SN, 2SC	1"
4200-11-20	EN1SN	1 1/4"
4200-11-24	EN1SN	1 1/2"
4200-11-32	EN1SN	2"



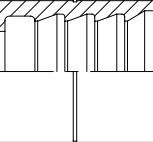
4200-23
Ferrule EN1SN/EN2SN, 2SC
 Skive
 PRODUCT GROUP 300

Part number	Use with	Hose ID
4200-23-03	EN1SN/2SN	3/16"
4200-23-04	EN1SN/2SN/2SC	1/4"
4200-23-05	EN1SN/2SN/2SC	5/16"
4200-23-06	EN1SN/2SN/2SC	3/8"
4200-23-08	EN1SN/2SN/2SC	1/2"
4200-23-10	EN1SN/2SN/2SC	5/8"
4200-23-12	EN1SN/2SN/2SC	3/4"
4200-23-16	EN1SN/2SN/2SC	1"



4200-12
Ferrule EN2SN
 Non-skived
 PRODUCT GROUP 300

Part no.	Use with	Hose ID
4200-12-03	EN2SN	3/16"
4200-12-04	EN2SN	1/4"
4200-12-05	EN2SN	5/16"
4200-12-06	EN2SN	3/8"
4200-12-08	EN2SN	1/2"
4200-12-10	EN2SN	5/8"
4200-12-12	EN2SN	3/4"
4200-12-16	EN2SN	1"
4200-12-20	EN2SN	1 1/4"
4200-12-24	EN2SN	1 1/2"
4200-12-32	EN2SN	2"



4200-31
Ferrule EN1SN, 2SC
 Skived
 PRODUCT GROUP 300

Part no.	Use with	Hose ID
4200-31-03	EN1SN, 2SC	3/16"
4200-31-04	EN1SN, 2SC	1/4"
4200-31-05	EN1SN, 2SC	5/16"
4200-31-06	EN1SN, 2SC	3/8"
4200-31-08	EN1SN, 2SC	1/2"
4200-31-10	EN1SN, 2SC	5/8"
4200-31-12	EN1SN, 2SC	3/4"
4200-31-16	EN1SN, 2SC	1"
4200-31-20	EN1SN, 2SC	1 1/4"
4200-31-24	EN1SN, 2SC	1 1/2"
4200-31-32	EN1SN, 2SC	2"



4200-21
Ferrule EN1SN
 Skive
 PRODUCT GROUP 300

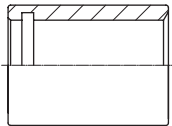
Part number	Use with	Hose ID
4200-21-20	EN1SN	1 1/4"
4200-21-24	EN1SN	1 1/2"
4200-21-32	EN1SN	2"



4200-32
Ferrule EN2SN
 Skived
 PRODUCT GROUP 300

Part no.	Use with	Hose ID
4200-32-03	EN2SN	3/16"
4200-32-04	EN2SN	1/4"
4200-32-05	EN2SN	5/16"
4200-32-06	EN2SN	3/8"
4200-32-08	EN2SN	1/2"
4200-32-10	EN2SN	5/8"
4200-32-12	EN2SN	3/4"
4200-32-16	EN2SN	1"
4200-32-20	EN2SN	1 1/4"
4200-32-24	EN2SN	1 1/2"
4200-32-32	EN2SN	2"

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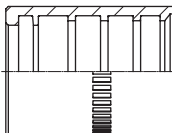
4200-26
Ferrule P.T.F.E./TEFLON smooth
 Non-skived
 PRODUCT GROUP 300

Part no.	Use with	Hose ID
4200-26-03	P.T.F.E. smooth	3/16"
4200-26-04	P.T.F.E. smooth	1/4"
4200-26-05	P.T.F.E. smooth	5/16"
4200-26-06	P.T.F.E. smooth	3/8"
4200-26-08	P.T.F.E. smooth	1/2"
4200-26-10	P.T.F.E. smooth	5/8"
4200-26-12	P.T.F.E. smooth	3/4"
4200-26-16	P.T.F.E. smooth	1"



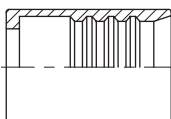
4200-30
Ferrule P.T.F.E./TEFLON
 Non-skived
 PRODUCT GROUP 300

Part no.	Use with	Hose ID
4200-30-04	P.T.F.E. wrapped	1/4"
4200-30-06	P.T.F.E. wrapped	3/8"
4200-30-08	P.T.F.E. wrapped	1/2"
4200-30-10	P.T.F.E. wrapped	5/8"
4200-30-12	P.T.F.E. wrapped	3/4"
4200-30-16	P.T.F.E. wrapped	1"
4200-30-20	P.T.F.E. wrapped	1 1/4"
4200-30-24	P.T.F.E. wrapped	1 1/2"
4200-30-32	P.T.F.E. wrapped	2"



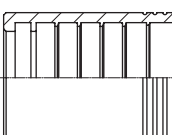
4200-27
Ferrule R7/R8
 Non-skived
 PRODUCT GROUP 300

Part no.	Use with	Hose ID
4200-27-03	Termoplastic R7 / R8	3/16"
4200-27-04	Termoplastic R7 / R8	1/4"
4200-27-05	Termoplastic R7 / R8	5/16"
4200-27-06	Termoplastic R7 / R8	3/8"
4200-27-08	Termoplastic R7	1/2"
4200-27-10	Termoplastic R7 / R8	5/8"
4200-27-12	Termoplastic R7	3/4"
4200-27-16	Termoplastic R7	1"



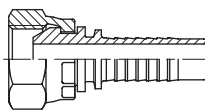
4200-40
Ferrule EN 854 R3
 Non-skived
 PRODUCT GROUP 300

Part no.	Use with	Hose ID
4200-40-04	EN 854 R3	1/4"
4200-40-05	EN 854 R3	5/16"
4200-40-06	EN 854 R3	3/8"
4200-40-08	EN 854 R3	1/2"
4200-40-10	EN 854 R3	5/8"
4200-40-12	EN 854 R3	3/4"
4200-40-16	EN 854 R3	1"
4200-40-20	EN 854 R3	1 1/4"
4200-40-24	EN 854 R3	1 1/2"



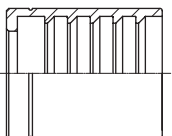
4200-28
Ferrule thermoplastic 1-steel
 Non-skived
 PRODUCT GROUP 300

Part no.	Use with	Hose ID
4200-28-03	Termoplastic 1W	3/16"
4200-28-04	Termoplastic 1W	1/4"
4200-28-05	Termoplastic 1W	5/16"
4200-28-06	Termoplastic 1W	3/8"
4200-28-08	Termoplastic 1W / R8	1/2"
4200-28-10	Termoplastic 1W	5/8"
4200-28-12	Termoplastic 1W	3/4"
4200-28-16	Termoplastic 1W	1"



4201
BSP
 Straight female
 60° cone sealing
 PRODUCT GROUP 300

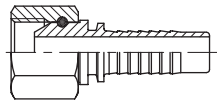
Part no.	Thread	Type	Hose ID
4201-02-03	G 1/8"	FS	3/16"
4201-02-04	G 1/8"	FS	1/4"
4201-04-03	G 1/4"	FS	3/16"
4201-04-04	G 1/4"	FS	1/4"
4201-04-05	G 1/4"	FS	5/16"
4201-04-06	G 1/4"	FS	3/8"
4201-06-04	G 3/8"	FS	1/4"
4201-06-05	G 3/8"	FS	5/16"
4201-06-06	G 3/8"	FS	3/8"
4201-06-08	G 3/8"	FS	1/2"
4201-08-04	G 1/2"	FS	1/4"
4201-08-06	G 1/2"	FS	3/8"
4201-08-08	G 1/2"	FS	1/2"
4201-08-10	G 1/2"	FS	5/8"
4201-08-12	G 1/2"	FS	3/4"
4201-10-08	G 5/8"	FS	1/2"
4201-10-10	G 5/8"	FS	5/8"
4201-12-08	G 3/4"	FS	1/2"
4201-12-10	G 3/4"	FS	5/8"
4201-12-12	G 3/4"	FS	3/4"
4201-12-16	G 3/4"	FS	1"
4201-16-12	G 1"	FS	3/4"
4201-16-16	G 1"	FS	1"
4201-20-20	G 1 1/4"	FS	1 1/4"
4201-24-24	G 1 1/2"	FS	1 1/2"
4201-32-32	G 2"	FS	2"
4201-48-48	G 3"	FS	3"



4200-29
Ferrule thermoplastic 2-steel
 Non-skived
 PRODUCT GROUP 300

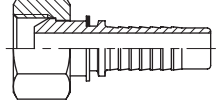
Part no.	Use with	Hose ID
4200-29-04	Termoplastic 2W	1/4"
4200-29-06	Termoplastic 2W	3/8"
4200-29-08	Termoplastic 2W	1/2"
4200-29-12	Termoplastic 2W	3/4"





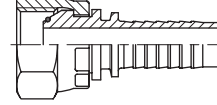
4201~1
BSP
 Straight female
 60° cone sealing
 PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4201-02-03-1	G 1/8"	FS	3/16"
4201-02-04-1	G 1/8"	FS	1/4"
4201-04-03-1	G 1/4"	FS	3/16"
4201-04-04-1	G 1/4"	FS	1/4"
4201-04-05-1	G 1/4"	FS	5/16"
4201-04-06-1	G 1/4"	FS	3/8"
4201-06-04-1	G 3/8"	FS	1/4"
4201-06-05-1	G 3/8"	FS	5/16"
4201-06-06-1	G 3/8"	FS	3/8"
4201-06-08-1	G 3/8"	FS	1/2"
4201-08-06-1	G 1/2"	FS	3/8"
4201-08-08-1	G 1/2"	FS	1/2"
4201-08-10-1	G 1/2"	FS	5/8"
4201-08-12-1	G 1/2"	FS	3/4"
4201-10-08-1	G 5/8"	FS	1/2"
4201-10-10-1	G 5/8"	FS	5/8"
4201-12-08-1	G 3/4"	FS	1/2"
4201-12-10-1	G 3/4"	FS	5/8"
4201-12-12-1	G 3/4"	FS	3/4"
4201-16-12-1	G 1"	FS	3/4"
4201-16-16-1	G 1"	FS	1"



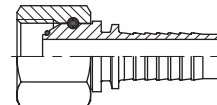
4201~2
BSP
 Straight female
 60° cone sealing
 PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4201-04-04-2	G 1/4"	FS	1/4"
4201-06-05-2	G 3/8"	FS	5/16"
4201-06-06-2	G 3/8"	FS	3/8"
4201-08-08-2	G 1/2"	FS	1/2"



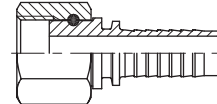
4311
BSP
 Straight female
 60° cone sealing with O-ring
 PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4311-04-04	G 1/4"	O FS	1/4"
4311-06-06	G 3/8"	O FS	3/8"
4311-08-08	G 1/2"	O FS	1/2"
4311-10-10	G 5/8"	O FS	5/8"
4311-12-12	G 3/4"	O FS	3/4"
4311-16-16	G 1"	O FS	1"
4311-20-20	G 1 1/4"	O FS	1 1/4"
4311-24-24	G 1 1/2"	O FS	1 1/2"
4311-32-32	G 2"	O FS	2"



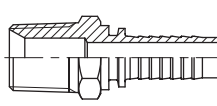
4311~1
BSP
 Straight female
 60° cone sealing with O-ring
 PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4311-12-12-1	G 3/4"	O FS	3/4"
4311-16-12-1	G 1"	O FS	3/4"
4311-20-16-1	G 1 1/4"	O FS	1"
4311-20-20-1	G 1 1/4"	O FS	1 1/4"
4311-24-20-1	G 1 1/2"	O FS	1 1/4"
4311-24-24-1	G 1 1/2"	O FS	1 1/2"
4311-32-32-1	G 2"	O FS	2"



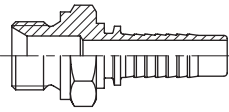
4209~1
BSP
 Straight female
 Flat face sealing
 PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4209-04-04-1	G 1/4"	FF FS	1/4"
4209-06-04-1	G 3/8"	FF FS	1/4"
4209-06-06-1	G 3/8"	FF FS	3/8"
4209-08-05-1	G 1/2"	FF FS	5/16"
4209-08-06-1	G 1/2"	FF FS	3/8"
4209-08-08-1	G 1/2"	FF FS	1/2"
4209-12-08-1	G 3/4"	FF FS	1/2"
4209-12-12-1	G 3/4"	FF FS	3/4"
4209-16-12-1	G 1"	FF FS	3/4"
4209-16-16-1	G 1"	FF FS	1"
4209-20-20-1	G 1 1/4"	FF FS	1 1/4"



4239
BSPT
 Straight male
 Coned thread sealing
 PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4239-02-03	R 1/8"	M	3/16"
4239-02-04	R 1/8"	M	1/4"
4239-04-03	R 1/4"	M	3/16"
4239-04-04	R 1/4"	M	1/4"
4239-04-06	R 1/4"	M	3/8"
4239-06-04	R 3/8"	M	1/4"
4239-06-05	R 3/8"	M	5/16"
4239-06-06	R 3/8"	M	3/8"
4239-06-08	R 3/8"	M	1/2"
4239-08-06	R 1/2"	M	3/8"
4239-08-08	R 1/2"	M	1/2"
4239-12-10	R 3/4"	M	5/8"
4239-12-12	R 3/4"	M	3/4"
4239-16-16	R 1"	M	1"
4239-20-20	R 1 1/4"	M	1 1/4"
4239-24-24	R 1 1/2"	M	1 1/2"
4239-32-32	R 2"	M	2"

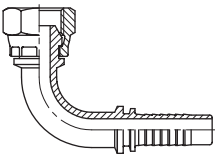


4202

BSP
Straight male
60° cone sealing

PRODUCT GROUP 300

Artikelnr.	Thread	Type	Hose ID
4202-02-03	G 1/8"	M	3/16"
4202-02-04	G 1/8"	M	1/4"
4202-04-03	G 1/4"	M	3/16"
4202-04-04	G 1/4"	M	1/4"
4202-04-05	G 1/4"	M	5/16"
4202-04-06	G 1/4"	M	3/8"
4202-06-04	G 3/8"	M	1/4"
4202-06-05	G 3/8"	M	5/16"
4202-06-06	G 3/8"	M	3/8"
4202-06-08	G 3/8"	M	1/2"
4202-08-04	G 1/2"	M	1/4"
4202-08-05	G 1/2"	M	5/16"
4202-08-06	G 1/2"	M	3/8"
4202-08-08	G 1/2"	M	1/2"
4202-08-10	G 1/2"	M	5/8"
4202-08-12	G 1/2"	M	3/4"
4202-10-08	G 5/8"	M	1/2"
4202-10-10	G 5/8"	M	5/8"
4202-12-08	G 3/4"	M	1/2"
4202-12-10	G 3/4"	M	5/8"
4202-12-12	G 3/4"	M	3/4"
4202-12-16	G 3/4"	M	1"
4202-16-12	G 1"	M	3/4"
4202-16-16	G 1"	M	1"
4202-20-16	G 1 1/4"	M	1"
4202-20-20	G 1 1/4"	M	1 1/4"
4202-24-20	G 1 1/2"	M	1 1/4"
4202-24-24	G 1 1/2"	M	1 1/2"
4202-32-24	G 2"	M	1 1/2"
4202-32-32	G 2"	M	2"
4202-40-40	G 2 1/2"	M	2 1/2"
4202-48-48	G 3"	M	3"

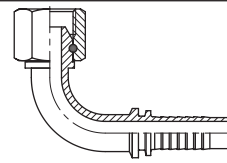


4203

BSP
90° bend female
60° cone sealing

PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4203-02-03	G 1/8"	90° FS	3/16"
4203-02-04	G 1/8"	90° FS	1/4"
4203-04-03	G 1/4"	90° FS	3/16"
4203-04-04	G 1/4"	90° FS	1/4"
4203-04-06	G 1/4"	90° FS	3/8"
4203-06-04	G 3/8"	90° FS	1/4"
4203-06-05	G 3/8"	90° FS	5/16"
4203-06-06	G 3/8"	90° FS	3/8"
4203-06-08	G 3/8"	90° FS	1/2"
4203-08-06	G 1/2"	90° FS	3/8"
4203-08-08	G 1/2"	90° FS	1/2"
4203-10-08	G 5/8"	90° FS	1/2"
4203-10-10	G 5/8"	90° FS	5/8"
4203-12-08	G 3/4"	90° FS	1/2"
4203-12-10	G 3/4"	90° FS	5/8"
4203-12-12	G 3/4"	90° FS	3/4"
4203-16-12	G 1"	90° FS	3/4"
4203-16-16	G 1"	90° FS	1"
4203-20-20	G 1 1/4"	90° FS	1 1/4"
4203-24-24	G 1 1/2"	90° FS	1 1/2"
4203-32-32	G 2"	90° FS	2"

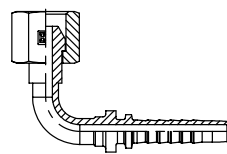


4203~1

BSP
90° bend female
60° cone sealing

PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4203-02-03-1	G 1/8"	90° FS	3/16"
4203-02-04-1	G 1/8"	90° FS	1/4"
4203-04-03-1	G 1/4"	90° FS	3/16"
4203-04-04-1	G 1/4"	90° FS	1/4"
4203-04-06-1	G 1/4"	90° FS	3/8"
4203-06-04-1	G 3/8"	90° FS	1/4"
4203-06-06-1	G 3/8"	90° FS	3/8"
4203-06-08-1	G 3/8"	90° FS	1/2"
4203-08-06-1	G 1/2"	90° FS	3/8"
4203-08-08-1	G 1/2"	90° FS	1/2"
4203-10-08-1	G 5/8"	90° FS	1/2"
4203-10-10-1	G 5/8"	90° FS	5/8"
4203-12-08-1	G 3/4"	90° FS	1/2"
4203-12-10-1	G 3/4"	90° FS	5/8"
4203-12-12-1	G 3/4"	90° FS	3/4"
4203-16-12-1	G 1"	90° FS	3/4"
4203-16-16-1	G 1"	90° FS	1"

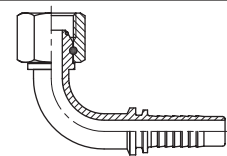


4203-2

BSP
90° bend female
60° cone sealing

PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4203-04-04-2	G 1/4"	90° FS	1/4"
4203-06-05-2	G 3/8"	90° FS	5/16"
4203-06-06-2	G 3/8"	90° FS	3/8"
4203-08-08-2	G 1/2"	90° FS	1/2"

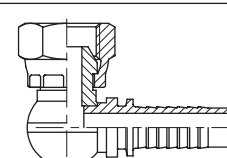


4313~1

BSP
90° bend female
60° cone sealing with O-ring

PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4313-12-12-1	G 3/4"	O 90° FS	3/4"
4313-16-12-1	G 1"	O 90° FS	3/4"
4313-20-20-1	G 1 1/4"	O 90° FS	1 1/4"
4313-24-24-1	G 1 1/2"	O 90° FS	1 1/2"
4313-32-32-1	G 2"	O 90° FS	2"



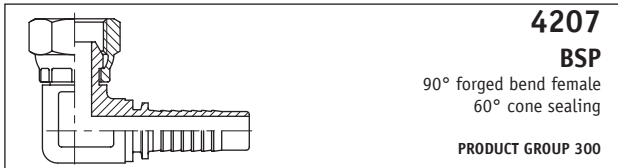
4205

BSP
90° compact female
60° cone sealing

PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4205-02-03	G 1/8"	C 90° FS	3/16"
4205-02-04	G 1/8"	C 90° FS	1/4"
4205-04-04	G 1/4"	C 90° FS	1/4"
4205-06-04	G 3/8"	C 90° FS	1/4"
4205-06-05	G 3/8"	C 90° FS	5/16"
4205-06-06	G 3/8"	C 90° FS	3/8"
4205-08-08	G 1/2"	C 90° FS	1/2"
4205-10-10	G 5/8"	C 90° FS	5/8"
4205-12-12	G 3/4"	C 90° FS	3/4"
4205-16-16	G 1"	C 90° FS	1"





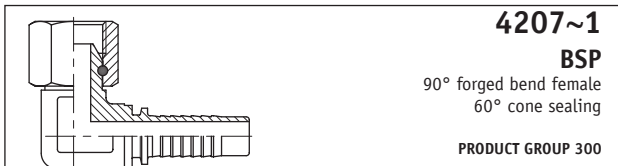
4207

BSP

90° forged bend female
60° cone sealing

PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4207-04-04	G 1/4"	Forged 90° FS	1/4"
4207-06-06	G 3/8"	Forged 90° FS	3/8"
4207-08-06	G 3/8"	Forged 90° FS	1/2"
4207-08-08	G 1/2"	Forged 90° FS	1/2"
4207-12-12	G 3/4"	Forged 90° FS	3/4"



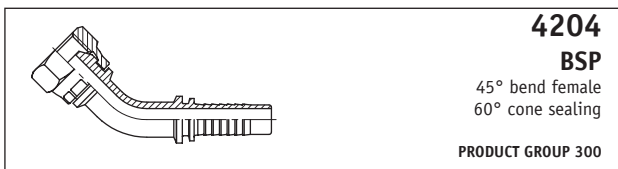
4207~1

BSP

90° forged bend female
60° cone sealing

PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4207-04-04-1	G 1/4"	C 90° FS	1/4"
4207-06-04-1	G 3/8"	C 90° FS	1/4"
4207-06-06-1	G 3/8"	C 90° FS	3/8"
4207-08-06-1	G 1/2"	C 90° FS	3/8"
4207-08-08-1	G 1/2"	C 90° FS	1/2"
4207-12-12-1	G 3/4"	C 90° FS	3/4"
4207-16-16-1	G 1"	C 90° FS	1"



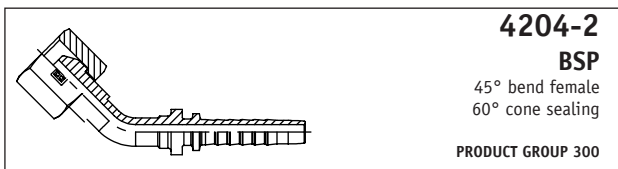
4204

BSP

45° bend female
60° cone sealing

PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4204-02-03	G 1/8"	45° FS	3/16"
4204-02-04	G 1/8"	45° FS	1/4"
4204-04-04	G 1/4"	45° FS	1/4"
4204-06-04	G 3/8"	45° FS	1/4"
4204-06-05	G 3/8"	45° FS	5/16"
4204-06-06	G 3/8"	45° FS	3/8"
4204-06-08	G 3/8"	45° FS	1/2"
4204-08-06	G 1/2"	45° FS	3/8"
4204-08-08	G 1/2"	45° FS	1/2"
4204-10-08	G 5/8"	45° FS	1/2"
4204-10-10	G 5/8"	45° FS	5/8"
4204-12-08	G 3/4"	45° FS	1/2"
4204-12-10	G 3/4"	45° FS	5/8"
4204-12-12	G 3/4"	45° FS	3/4"
4204-16-12	G 1"	45° FS	3/4"
4204-16-16	G 1"	45° FS	1"
4204-20-20	G 1 1/4"	45° FS	1 1/4"
4204-24-24	G 1 1/2"	45° FS	1 1/2"
4204-32-32	G 2"	45° FS	2"



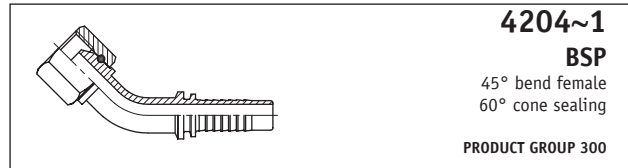
4204-2

BSP

45° bend female
60° cone sealing

PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4204-04-04-2	G 1/4"	45° FS	1/4"
4204-06-05-2	G 3/8"	45° FS	5/16"
4204-06-06-2	G 3/8"	45° FS	3/8"
4204-08-08-2	G 1/2"	45° FS	1/2"



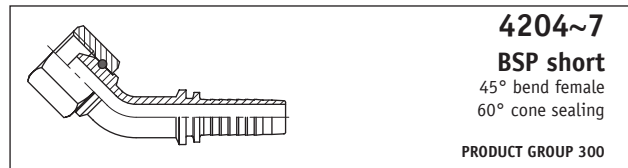
4204~1

BSP

45° bend female
60° cone sealing

PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4204-02-03-1	G 1/8"	45° FS	3/16"
4204-02-04-1	G 1/8"	45° FS	1/4"
4204-04-04-1	G 1/4"	45° FS	1/4"
4204-04-06-1	G 1/4"	45° FS	3/8"
4204-06-04-1	G 3/8"	45° FS	1/4"
4204-06-06-1	G 3/8"	45° FS	3/8"
4204-06-08-1	G 3/8"	45° FS	1/2"
4204-08-06-1	G 1/2"	45° FS	3/8"
4204-08-08-1	G 1/2"	45° FS	1/2"
4204-10-08-1	G 5/8"	45° FS	1/2"
4204-10-10-1	G 5/8"	45° FS	5/8"
4204-12-08-1	G 3/4"	45° FS	1/2"
4204-12-10-1	G 3/4"	45° FS	5/8"
4204-12-12-1	G 3/4"	45° FS	3/4"
4204-16-12-1	G 1"	45° FS	3/4"
4204-16-16-1	G 1"	45° FS	1"



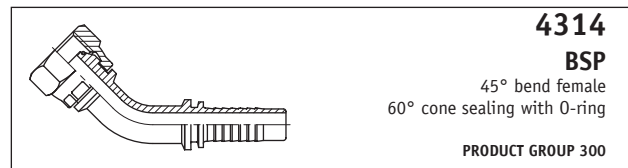
4204~7

BSP short

45° bend female
60° cone sealing

PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4204-04-04-7	G 1/4"	Short 45° FS	1/4"
4204-06-06-7	G 3/8"	Short 45° FS	3/8"
4204-08-08-7	G 1/2"	Short 45° FS	1/2"
4204-12-12-7	G 3/4"	Short 45° FS	3/4"
4204-16-16-7	G 1"	Short 45° FS	1"



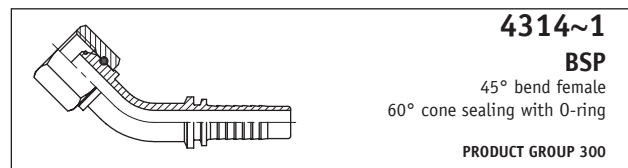
4314

BSP

45° bend female
60° cone sealing with O-ring

PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4314-04-04	G 1/4"	O 45° FS	1/4"
4314-06-06	G 3/8"	O 45° FS	3/8"
4314-08-08	G 1/2"	O 45° FS	1/2"
4314-12-12	G 3/4"	O 45° FS	3/4"
4314-16-16	G 1"	O 45° FS	1"
4314-20-20	G 1 1/4"	O 45° FS	1 1/4"
4314-24-24	G 1 1/2"	O 45° FS	1 1/2"
4314-32-32	G 2"	O 45° FS	2"



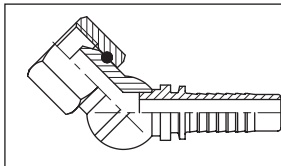
4314~1

BSP

45° bend female
60° cone sealing with O-ring

PRODUCT GROUP 300

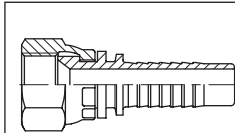
Part no.	Thread	Type	Hose ID
4314-20-20-1	G 1 1/4"	O 45° FS	1 1/4"
4314-24-24-1	G 1 1/2"	O 45° FS	1 1/2"
4314-32-32-1	G 2"	O 45° FS	2"



4206~1

BSP
45° compact female
60° cone sealing
PRODUCT GROUP 300

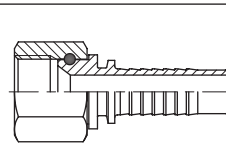
Part no.	Thread	Type	Hose ID
4206-04-04-1	G 1/4"	C 45° FS	1/4"
4206-06-06-1	G 3/8"	C 45° FS	3/8"
4206-08-06-1	G 1/2"	C 45° FS	3/8"
4206-08-08-1	G 1/2"	C 45° FS	1/2"
4206-10-10-1	G 5/8"	C 45° FS	5/8"
4206-12-12-1	G 3/4"	C 45° FS	3/4"
4206-16-16-1	G 1"	C 45° FS	1"



4213

JIC
Unified-threaded
Straight female, 74° cone sealing
PRODUCT GROUP 300

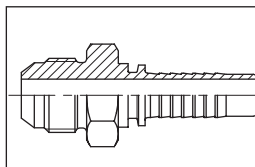
Part no.	Thread	Type	Hose ID
4213-07-03	7/16"-20 UNF	JIC FS	3/16"
4213-07-04	7/16"-20 UNF	JIC FS	1/4"
4213-08-03	1/2"-20 UNF	JIC FS	3/16"
4213-08-04	1/2"-20 UNF	JIC FS	1/4"
4213-09-04	9/16"-18 UNF	JIC FS	1/4"
4213-09-05	9/16"-18 UNF	JIC FS	5/16"
4213-09-06	9/16"-18 UNF	JIC FS	3/8"
4213-09-08	9/16"-18 UNF	JIC FS	1/2"
4213-10-06	5/8"-18 UNF	JIC FS	3/8"
4213-12-05	3/4"-16 UNF	JIC FS	5/16"
4213-12-06	3/4"-16 UNF	JIC FS	3/8"
4213-12-08	3/4"-16 UNF	JIC FS	1/2"
4213-14-06	7/8"-14 UNF	JIC FS	3/8"
4213-14-08	7/8"-14 UNF	JIC FS	1/2"
4213-14-10	7/8"-14 UNF	JIC FS	5/8"
4213-17-08	1 1/16"-12 UN	JIC FS	1/2"
4213-17-10	1 1/16"-12 UN	JIC FS	5/8"
4213-17-12	1 1/16"-12 UN	JIC FS	3/4"
4213-17-16	1 1/16"-12 UN	JIC FS	1"
4213-19-12	1 3/16"-12 UN	JIC FS	3/4"
4213-21-12	1 5/16"-12 UN	JIC FS	3/4"
4213-21-16	1 5/16"-12 UN	JIC FS	1"
4213-26-16	1 5/8"-12 UN	JIC FS	1"
4213-26-20	1 5/8"-12 UN	JIC FS	1 1/4"
4213-30-20	1 7/8"-12 UN	JIC FS	1 1/4"
4213-30-24	1 7/8"-12 UN	JIC FS	1 1/2"
4213-40-32	2 1/2"-12 UN	JIC FS	2"



4213~1

JIC
Unified-threaded
Straight female, 74° cone sealing
PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4213-07-03-1	7/16"-20 UNF	JIC FS	3/16"
4213-07-04-1	7/16"-20 UNF	JIC FS	1/4"
4213-08-04-1	1/2"-20 UNF	JIC FS	1/4"
4213-08-05-1	1/2"-20 UNF	JIC FS	5/16"
4213-08-06-1	1/2"-20 UNF	JIC FS	3/8"
4213-09-04-1	9/16"-18 UNF	JIC FS	1/4"
4213-09-05-1	9/16"-18 UNF	JIC FS	5/16"
4213-09-06-1	9/16"-18 UNF	JIC FS	3/8"
4213-09-08-1	9/16"-18 UNF	JIC FS	1/2"
4213-12-06-1	3/4"-16 UNF	JIC FS	3/8"
4213-12-08-1	3/4"-16 UNF	JIC FS	1/2"
4213-14-06-1	7/8"-14 UNF	JIC FS	3/8"
4213-14-08-1	7/8"-14 UNF	JIC FS	1/2"
4213-14-10-1	7/8"-14 UNF	JIC FS	5/8"
4213-17-08-1	1 1/16"-12 UN	JIC FS	1/2"
4213-17-10-1	1 1/16"-12 UN	JIC FS	5/8"
4213-17-12-1	1 1/16"-12 UN	JIC FS	3/4"
4213-17-16-1	1 1/16"-12 UN	JIC FS	1"
4213-19-12-1	1 3/16"-12 UN	JIC FS	3/4"
4213-21-12-1	1 5/16"-12 UN	JIC FS	3/4"
4213-21-16-1	1 5/16"-12 UN	JIC FS	1"
4213-26-16-1	1 5/8"-12 UN	JIC FS	1"
4213-26-20-1	1 5/8"-12 UN	JIC FS	1 1/4"
4213-30-20-1	1 7/8"-12 UN	JIC FS	1 1/4"
4213-30-24-1	1 7/8"-12 UN	JIC FS	1 1/2"
4213-40-32-1	2 1/2"-12 UN	JIC FS	2"

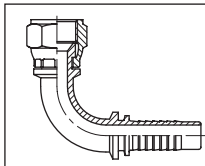


4214

JIC
Unified-threaded
Straight male, 74° cone sealing
PRODUCT GROUP 300

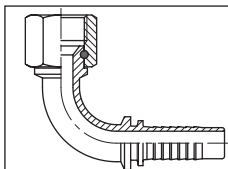
Part no.	Thread	Type	Hose ID
4214-07-03	7/16"-20 UNF	JIC M	3/16"
4214-07-04	7/16"-20 UNF	JIC M	1/4"
4214-08-04	1/2"-20 UNF	JIC M	1/4"
4214-08-06	1/2"-20 UNF	JIC M	3/8"
4214-09-04	9/16"-18 UNF	JIC M	1/4"
4214-09-05	9/16"-18 UNF	JIC M	5/16"
4214-09-06	9-16"-18 UNF	JIC M	3/8"
4214-12-05	3/4"-16 UNF	JIC M	5/16"
4214-12-06	3/4"-16 UNF	JIC M	3/8"
4214-12-08	3/4"-16 UNF	JIC M	1/2"
4214-14-06	7/8"-14 UNF	JIC M	3/8"
4214-14-08	7/8"-14 UNF	JIC M	1/2"
4214-14-10	7/8"-14 UNF	JIC M	5/8"
4214-14-12	7/8"-14 UNF	JIC M	3/4"
4214-17-08	1 1/16"-12 UN	JIC M	1/2"
4214-17-10	1 1/16"-12 UN	JIC M	5/8"
4214-17-12	1 1/16"-12 UN	JIC M	3/4"
4214-17-16	1 1/16"-12 UN	JIC M	1"
4214-19-12	1 3/16"-12 UN	JIC M	3/4"
4214-21-12	1 5/16"-12 UN	JIC M	3/4"
4214-21-16	1 5/16"-12 UN	JIC M	1"
4214-26-16	1 5/8"-12 UN	JIC M	1"
4214-26-20	1 5/8"-12 UN	JIC M	1 1/4"
4214-30-24	1 7/8"-12 UN	JIC M	1 1/2"
4214-40-32	2 1/2"-12 UN	JIC M	2"





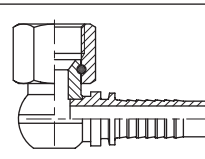
4216
JIC
 Unified-threaded
 90° bend female, 74° cone sealing
 PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4216-07-03	7/16"-20 UNF	JIC 90° FS	3/16"
4216-07-04	7/16"-20 UNF	JIC 90° FS	1/4"
4216-08-04	1/2"-20 UNF	JIC 90° FS	1/4"
4216-08-05	1/2"-20 UNF	JIC 90° FS	5/16"
4216-09-04	9/16"-18 UNF	JIC 90° FS	1/4"
4216-09-05	9/16"-18 UNF	JIC 90° FS	5/16"
4216-09-06	9/16"-18 UNF	JIC 90° FS	3/8"
4216-09-08	9/16"-18 UNF	JIC 90° FS	1/2"
4216-10-06	5/8"-18 UNF	JIC 90° FS	3/8"
4216-12-06	3/4"-16 UNF	JIC 90° FS	3/8"
4216-12-08	3/4"-16 UNF	JIC 90° FS	1/2"
4216-14-06	7/8"-14 UNF	JIC 90° FS	3/8"
4216-14-08	7/8"-14 UNF	JIC 90° FS	1/2"
4216-14-10	7/8"-14 UNF	JIC 90° FS	5/8"
4216-17-08	1 1/16"-12 UN	JIC 90° FS	1/2"
4216-17-10	1 1/16"-12 UN	JIC 90° FS	5/8"
4216-17-12	1 1/16"-12 UN	JIC 90° FS	3/4"
4216-17-16	1 1/16"-12 UN	JIC 90° FS	1"
4216-19-12	1 3/16"-12 UN	JIC 90° FS	3/4"
4216-21-12	1 5/16"-12 UN	JIC 90° FS	3/4"
4216-21-16	1 5/16"-12 UN	JIC 90° FS	1"
4216-26-16	1 5/8"-12 UN	JIC 90° FS	1"
4216-26-20	1 5/8"-12 UN	JIC 90° FS	1 1/4"
4216-30-24	1 7/8"-12 UN	JIC 90° FS	1 1/2"
4216-40-32	2 1/2"-12 UN	JIC 90° FS	2"



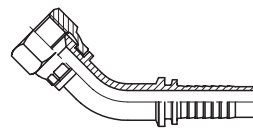
4216~1
JIC
 Unified-threaded
 90° bend female, 74° cone sealing
 PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4216-07-03-1	7/16"-20 UNF	JIC 90° FS	3/16"
4216-07-04-1	7/16"-20 UNF	JIC 90° FS	1/4"
4216-08-04-1	1/2"-20 UNF	JIC 90° FS	1/4"
4216-08-05-1	1/2"-20 UNF	JIC 90° FS	5/16"
4216-09-04-1	9/16"-18 UNF	JIC 90° FS	1/4"
4216-09-05-1	9/16"-18 UNF	JIC 90° FS	5/16"
4216-09-06-1	9/16"-18 UNF	JIC 90° FS	3/8"
4216-12-06-1	3/4"-16 UNF	JIC 90° FS	3/8"
4216-12-08-1	3/4"-16 UNF	JIC 90° FS	1/2"
4216-14-06-1	7/8"-14 UNF	JIC 90° FS	3/8"
4216-14-08-1	7/8"-14 UNF	JIC 90° FS	1/2"
4216-14-10-1	7/8"-14 UNF	JIC 90° FS	5/8"
4216-17-08-1	1 1/16"-12 UN	JIC 90° FS	1/2"
4216-17-10-1	1 1/16"-12 UN	JIC 90° FS	5/8"
4216-17-12-1	1 1/16"-12 UN	JIC 90° FS	3/4"
4216-19-12-1	1 3/16"-12 UN	JIC 90° FS	3/4"
4216-21-12-1	1 5/16"-12 UN	JIC 90° FS	3/4"
4216-21-16-1	1 5/16"-12 UN	JIC 90° FS	1"
4216-26-20-1	1 5/8"-12 UN	JIC 90° FS	1 1/4"
4216-30-24-1	1 7/8"-12 UN	JIC 90° FS	1 1/2"
4216-40-32-1	2 1/2"-12 UN	JIC 90° FS	2"



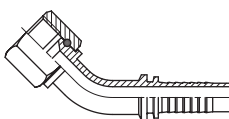
4218~1
JIC
 Unified-threaded
 90° compact female
 74° cone sealing
 PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4218-07-04-1	7/16"-20 UNF	C JIC 90° FS	1/4"
4218-09-06-1	9/16"-18 UNF	C JIC 90° FS	3/8"
4218-12-08-1	3/4"-16 UNF	C JIC 90° FS	1/2"
4218-14-08-1	7/8"-14 UNF	C JIC 90° FS	1/2"
4218-14-10-1	7/8"-14 UNF	C JIC 90° FS	5/8"
4218-17-12-1	1 1/16"-12 UN	C JIC 90° FS	3/4"
4218-21-16-1	1 5/16"-12 UN	C JIC 90° FS	1"



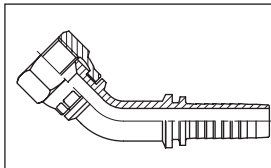
4217
JIC
 Unified-threaded
 45° bend female, 74° cone sealing
 PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4217-07-04	7/16"-20 UNF	JIC 45° FS	1/4"
4217-08-04	1/2"-20 UNF	JIC 45° FS	1/4"
4217-09-04	9/16"-18 UNF	JIC 45° FS	1/4"
4217-09-05	9/16"-18 UNF	JIC 45° FS	5/16"
4217-09-06	9/16"-16 UNF	JIC 45° FS	3/8"
4217-09-08	9/16"-18 UNF	JIC 45° FS	1/2"
4217-12-06	3/4"-16 UNF	JIC 45° FS	3/8"
4217-12-08	3/4"-16 UNF	JIC 45° FS	1/2"
4217-14-08	7/8"-14 UNF	JIC 45° FS	1/2"
4217-14-10	7/8"-14 UNF	JIC 45° FS	5/8"
4217-17-08	1 1/16"-12 UN	JIC 45° FS	1/2"
4217-17-10	1 1/16"-12 UN	JIC 45° FS	5/8"
4217-17-12	1 1/16"-12 UN	JIC 45° FS	3/4"
4217-17-16	1 1/6"-12 UN	JIC 45° FS	1"
4217-19-12	1 3/16"-12 UN	JIC 45° FS	3/4"
4217-21-12	1 5/16"-12 UN	JIC 45° FS	3/4"
4217-21-16	1 5/16"-12 UN	JIC 45° FS	1"
4217-26-16	1 5/8"-12 UN	JIC 45° FS	1"
4217-26-20	1 5/8"-12 UN	JIC 45° FS	1 1/4"
4217-30-20	1 7/8"-12 UN	JIC 45° FS	1 1/4"
4217-30-24	1 7/8"-12 UN	JIC 45° FS	1 1/2"
4217-40-32	2 1/2"-12 UN	JIC 45° FS	2"



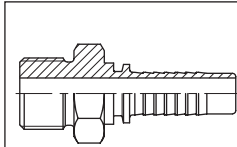
4217~1
JIC
 Unified-threaded
 45° bend female, 74° cone-sealing
 PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4217-07-04-1	7/16"-20 UNF	JIC 45° FS	1/4"
4217-08-04-1	1/2"-20 UNF	JIC 45° FS	1/4"
4217-09-04-1	9/16"-18 UNF	JIC 45° FS	1/4"
4217-09-06-1	9/16"-16 UNF	JIC 45° FS	3/8"
4217-12-06-1	3/4"-16 UNF	JIC 45° FS	3/8"
4217-12-08-1	3/4"-16 UNF	JIC 45° FS	1/2"
4217-14-08-1	7/8"-14 UNF	JIC 45° FS	1/2"
4217-14-10-1	7/8"-14 UNF	JIC 45° FS	5/8"
4217-17-08-1	1 1/16"-12 UN	JIC 45° FS	1/2"
4217-17-10-1	1 1/16"-12 UN	JIC 45° FS	5/8"
4217-17-12-1	1 1/16"-12 UN	JIC 45° FS	3/4"
4217-19-12-1	1 3/16"-12 UN	JIC 45° FS	3/4"
4217-21-12-1	1 5/16"-12 UN	JIC 45° FS	3/4"
4217-21-16-1	1 5/16"-12 UN	JIC 45° FS	1"
4217-26-20-1	1 5/8"-12 UN	JIC 45° FS	1 1/4"
4217-30-24-1	1 7/8"-12 UN	JIC 45° FS	1 1/2"
4217-40-32-1	2 1/2"-12 UN	JIC 45° FS	2"



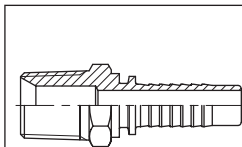
4217~7
JIC short
 Unified-threaded
 45° compact female
 74° cone sealing
 PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4217-07-04-7	7/16"-20 UNF	JIC 45° FS	1/4"
4217-09-04-7	9/16"-18 UNF	JIC 45° FS	1/4"
4217-12-06-7	3/4"-16 UNF	JIC 45° FS	3/8"
4217-12-08-7	3/4"-16 UNF	JIC 45° FS	1/2"
4217-14-08-7	7/8"-14 UNF	JIC 45° FS	1/2"
4217-17-12-7	1 1/16"-12 UN	JIC 45° FS	3/4"
4217-21-16-7	1 5/16"-12 UN	JIC 45° FS	1"



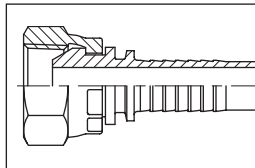
4215
SAE-O
 Unified-threaded
 Straight male, for O-ring
 PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4215-07-04	7/16"-20 UNF	SAE-O M	1/4"
4215-09-04	9/16"-18 UNF	SAE-O M	1/4"
4215-09-06	9/16"-18 UNF	SAE-O M	3/8"
4215-12-06	3/4"-16 UNF	SAE-O M	3/8"
4215-12-08	3/4"-16 UNF	SAE-O M	1/2"
4215-14-08	7/8"-14 UNF	SAE-O M	1/2"
4215-14-10	7/8"-14 UNF	SAE-O M	5/8"
4215-17-10	1 1/16"-12 UN	SAE-O M	5/8"
4215-17-12	1 1/16"-12 UN	SAE-O M	3/4"
4215-21-12	1 5/16"-12 UN	SAE-O M	3/4"
4215-21-16	1 5/16"-12 UN	SAE-O M	1"



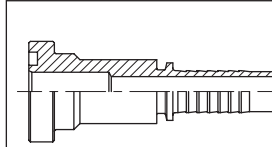
4240
NPTF
 Straight male
 60° cone sealing
 PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4240-02-03	1/8"-27 NPTF	M	3/16"
4240-02-04	1/8"-27 NPTF	M	1/4"
4240-04-03	1/4"-18 NPTF	M	3/16"
4240-04-04	1/4"-18 NPTF	M	1/4"
4240-04-05	1/4"-18 NPTF	M	5/16"
4240-04-06	1/4"-18 NPTF	M	3/8"
4240-06-04	3/8"-18 NPTF	M	1/4"
4240-06-05	3/8"-18 NPTF	M	5/16"
4240-06-06	3/8"-18 NPTF	M	3/8"
4240-06-08	3/8"-18 NPTF	M	1/2"
4240-08-05	1/2"-14 NPTF	M	5/16"
4240-08-06	1/2"-14 NPTF	M	3/8"
4240-08-08	1/2"-14 NPTF	M	1/2"
4240-08-10	1/2"-14 NPTF	M	5/8"
4240-12-08	3/4"-14 NPTF	M	1/2"
4240-12-10	3/4"-14 NPTF	M	5/8"
4240-12-12	3/4"-14 NPTF	M	3/4"
4240-12-16	3/4"-14 NPTF	M	1"
4240-16-12	1"-11½ NPTF	M	3/4"
4240-16-16	1"-11½ NPTF	M	1"
4240-20-16	1 1/4"-11½ NPTF	M	1"
4240-20-20	1 1/4"-11½ NPTF	M	1 1/4"
4240-24-24	1 1/2"-11½ NPTF	M	1 1/2"
4240-32-32	2"-11½ NPTF	M	2"



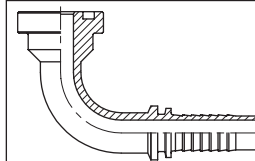
4241
NPSM
 Straight female
 60° cone sealing
 PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4241-04-03	1/4"-18 NPSM	FS	3/16"
4241-04-04	1/4"-18 NPSM	FS	1/4"
4241-06-06	3/8"-18 NPSM	FS	3/8"
4241-08-08	1/2"-14 NPSM	FS	1/2"



4243
Straight SAE J518 flange
 Code 61
 Flange size 5/8" komatsu
 PRODUCT GROUP 300

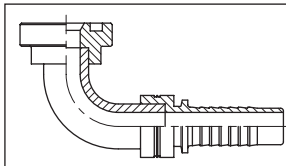
Part no.	Flange size	Type	Hose ID
4243-08-08	1/2"	SAE3	1/2"
4243-08-10	1/2"	SAE3	5/8"
4243-08-12	1/2"	SAE3	3/4"
4243-10-08	5/8"	SAE3	1/2"
4243-10-10	5/8"	SAE3	5/8"
4243-12-08	3/4"	SAE3	1/2"
4243-12-10	3/4"	SAE3	5/8"
4243-12-12	3/4"	SAE3	3/4"
4243-12-16	3/4"	SAE3	1"
4243-16-12	1"	SAE3	3/4"
4243-16-16	1"	SAE3	1"
4243-16-20	1"	SAE3	1 1/4"
4243-20-16	1 1/4"	SAE3	1"
4243-20-20	1 1/4"	SAE3	1 1/4"
4243-24-20	1 1/2"	SAE3	1 1/4"
4243-24-24	1 1/2"	SAE3	1 1/2"
4243-24-32	1 1/2"	SAE3	2"
4243-32-24	2"	SAE3	1 1/2"
4243-32-32	2"	SAE3	2"
4243-40-32	2 1/2"	SAE3	2"
4243-40-40	2 1/2"	SAE3	2 1/2"
4243-48-48	3"	SAE3	3"



4244
90° SAE J518 flange
 Code 61
 Flange size 5/8" komatsu
 PRODUCT GROUP 300

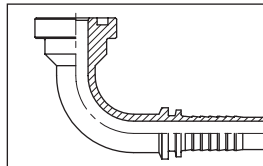
Part no.	Flange size	Type	Hose ID
4244-08-08	1/2"	SAE3 90°	1/2"
4244-08-10	1/2"	SAE3 90°	5/8"
4244-08-12	1/2"	SAE3 90°	3/4"
4244-10-08	5/8"	SAE3 90°	1/2"
4244-10-10	5/8"	SAE3 90°	5/8"
4244-12-08	3/4"	SAE3 90°	1/2"
4244-12-10	3/4"	SAE3 90°	5/8"
4244-12-12	3/4"	SAE3 90°	3/4"
4244-12-16	3/4"	SAE3 90°	1"
4244-16-12	1"	SAE3 90°	3/4"
4244-16-16	1"	SAE3 90°	1"
4244-16-20	1"	SAE3 90°	1 1/4"
4244-20-16	1 1/4"	SAE3 90°	1"
4244-20-20	1 1/4"	SAE3 90°	1 1/4"
4244-20-24	1 1/4"	SAE3 90°	1 1/2"
4244-24-20	1 1/2"	SAE3 90°	1 1/4"
4244-24-24	1 1/2"	SAE3 90°	1 1/2"
4244-32-24	2"	SAE3 90°	1 1/2"
4244-32-32	2"	SAE3 90°	2"
4244-40-32	2 1/2"	SAE3 90°	2"
4244-40-40	2 1/2"	SAE3 90°	2 1/2"
4244-48-48	3"	SAE3 90°	3"





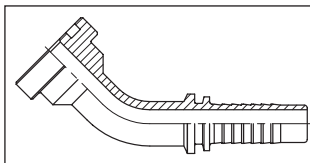
4244~6
90° SAE J518 flange
 Code 61
 Short brazed
 PRODUCT GROUP 300

Part no.	Flange size	Type	Hose ID
4244-12-08-6	3/4"	SAE3 90°	1/2"
4244-12-12-6	3/4"	SAE3 90°	3/4"
4244-16-12-6	1"	SAE3 90°	3/4"
4244-16-16-6	1"	SAE3 90°	1"
4244-16-20-6	1"	SAE3 90°	1 1/4"
4244-16-24-6	1"	SAE3 90°	1 1/2"
4244-20-16-6	1 1/4"	SAE3 90°	1"
4244-20-20-6	1 1/4"	SAE3 90°	1 1/4"
4244-20-24-6	1 1/4"	SAE3 90°	1 1/2"
4244-24-20-6	1 1/2"	SAE3 90°	1 1/4"
4244-24-24-6	1 1/2"	SAE3 90°	1 1/2"
4244-32-24-6	2"	SAE3 90°	1 1/2"
4244-32-32-6	2"	SAE3 90°	2"



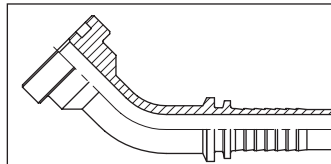
4254
90° SAE J518 flange
 Code 62
 PRODUCT GROUP 300

Part no.	Flange size	Type	Hose ID
4254-08-08	1/2"	SAE6 90°	1/2"
4254-08-10	1/2"	SAE6 90°	5/8"
4254-08-12	1/2"	SAE6 90°	3/4"
4254-12-08	3/4"	SAE6 90°	1/2"
4254-12-10	3/4"	SAE6 90°	5/8"
4254-12-12	3/4"	SAE6 90°	3/4"
4254-12-16	3/4"	SAE6 90°	1"
4254-16-12	1"	SAE6 90°	3/4"
4254-16-16	1"	SAE6 90°	1"
4254-16-20	1"	SAE6 90°	1 1/4"
4254-20-16	1 1/4"	SAE6 90°	1"
4254-20-20	1 1/4"	SAE6 90°	1 1/4"
4254-24-20	1 1/2"	SAE6 90°	1 1/4"
4254-24-24	1 1/2"	SAE6 90°	1 1/2"
4254-32-24	2"	SAE6 90°	1 1/2"
4254-32-32	2"	SAE6 90°	2"



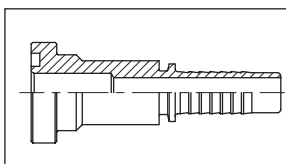
4248
45° SAE J518 flange
 Code 61
 Flange size 5/8" komatsu
 PRODUCT GROUP 300

Part no.	Flange size	Type	Hose ID
4248-08-08	1/2"	SAE3 45°	1/2"
4248-08-10	1/2"	SAE3 45°	5/8"
4248-08-12	1/2"	SAE3 45°	3/4"
4248-10-10	5/8"	SAE3 45°	5/8"
4248-12-08	3/4"	SAE3 45°	1/2"
4248-12-10	3/4"	SAE3 45°	5/8"
4248-12-12	3/4"	SAE3 45°	3/4"
4248-12-16	3/4"	SAE3 45°	1"
4248-16-12	1"	SAE3 45°	3/4"
4248-16-16	1"	SAE3 45°	1"
4248-16-20	1"	SAE3 45°	1 1/4"
4248-20-16	1 1/4"	SAE3 45°	1"
4248-20-20	1 1/4"	SAE3 45°	1 1/4"
4248-20-24	1 1/4"	SAE3 45°	1 1/2"
4248-24-20	1 1/2"	SAE3 45°	1 1/4"
4248-24-24	1 1/2"	SAE3 45°	1 1/2"
4248-32-24	2"	SAE3 45°	1 1/2"
4248-32-32	2"	SAE3 45°	2"
4248-40-32	2 1/2"	SAE3 45°	2"



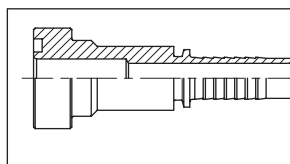
4258
45° SAE J518 flange
 Code 62
 PRODUCT GROUP 300

Part no.	Flange size	Type	Hose ID
4258-08-08	1/2"	SAE6 45°	1/2"
4258-08-10	1/2"	SAE6 45°	5/8"
4258-08-12	1/2"	SAE6 45°	3/4"
4258-12-08	3/4"	SAE6 45°	1/2"
4258-12-10	3/4"	SAE6 45°	5/8"
4258-12-12	3/4"	SAE6 45°	3/4"
4258-12-16	3/4"	SAE6 45°	1"
4258-16-12	1"	SAE6 45°	3/4"
4258-16-16	1"	SAE6 45°	1"
4258-16-20	1"	SAE6 45°	1 1/4"
4258-20-16	1 1/4"	SAE6 45°	1"
4258-20-20	1 1/4"	SAE6 45°	1 1/4"
4258-24-20	1 1/2"	SAE6 45°	1 1/4"
4258-24-24	1 1/2"	SAE6 45°	1 1/2"
4258-32-24	2"	SAE6 45°	1 1/2"
4258-32-32	2"	SAE6 45°	2"



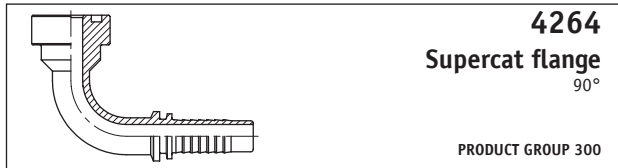
4253
Straight SAE J518 flange
 Code 62
 PRODUCT GROUP 300

Part no.	Flange size	Type	Hose ID
4253-08-08	1/2"	SAE6	1/2"
4253-08-10	1/2"	SAE6	5/8"
4253-08-12	1/2"	SAE6	3/4"
4253-12-08	3/4"	SAE6	1/2"
4253-12-10	3/4"	SAE6	5/8"
4253-12-12	3/4"	SAE6	3/4"
4253-12-16	3/4"	SAE6	1"
4253-16-12	1"	SAE6	3/4"
4253-16-16	1"	SAE6	1"
4253-16-20	1"	SAE6	1 1/4"
4253-20-16	1 1/4"	SAE6	1"
4253-20-20	1 1/4"	SAE6	1 1/4"
4253-24-20	1 1/2"	SAE6	1 1/4"
4253-24-24	1 1/2"	SAE6	1 1/2"
4253-32-24	2"	SAE6	1 1/2"

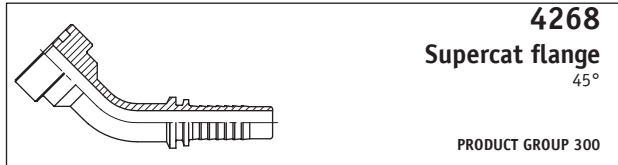


4263
Supercat flange
 Straight
 PRODUCT GROUP 300

Part no.	Flange size	Type	Hose ID
4263-12-12	3/4"	SC	3/4"
4263-16-12	1"	SC	3/4"
4263-16-16	1"	SC	1"
4263-20-16	1 1/4"	SC	1"
4263-20-20	1 1/4"	SC	1 1/4"
4263-24-24	1 1/2"	SC	1 1/2"



Part no.	Flange size	Type	Hose ID
4264-12-12	3/4"	SC 90°	3/4"
4264-16-12	1"	SC 90°	3/4"
4264-16-16	1"	SC 90°	1"
4264-20-16	1 1/4"	SC 90°	1"
4264-20-20	1 1/4"	SC 90°	1 1/4"
4264-24-24	1 1/2"	SC 90°	1 1/2"



Part no.	Flange size	Type	Hose ID
4268-12-12	3/4"	SC 45°	3/4"
4268-16-12	1"	SC 45°	3/4"
4268-16-16	1"	SC 45°	1"
4268-20-20	1 1/4"	SC 45°	1 1/4"
4268-24-24	1 1/2"	SC 45°	1 1/2"
4268-40-40	2 1/2"	SC 45°	2 1/2"
4268-48-48	3"	SC 45°	3"

TECHNICAL INFORMATION ACCORDING TO SAE J518 CODE 61

Flange	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
WP MPa	34,5	34,5	34,5	27,6	20,7	20,7	17,2	13,8
PSI	5000	5000	5000	4000	3000	3000	2500	2000
DIA	30,2	38,1	44,5	50,8	60,3	71,4	84,1	101,6

TECHNICAL INFORMATION ACCORDING TO SAE J518 CODE 62

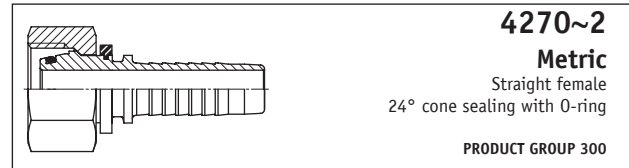
Flange	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"		
WP MPa	41,4	41,4	41,4	41,4	41,4	41,4		
PSI	6000	6000	6000	6000	6000	6000		
DIA	31,8	41,3	47,6	53,9	63,5	79,4		

TECHNICAL INFORMATION SUPERCAT

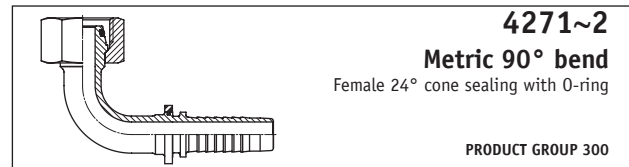
Flange	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
WP MPa	41,4	41,4	41,4	41,4	41,4	41,4
DIA	31,8	41,3	47,6	53,9	63,5	79,4

TECHNICAL INFORMATION KOMATSU

Flange	5/8"					
WP MPa	34,5					
DIA	34,2					

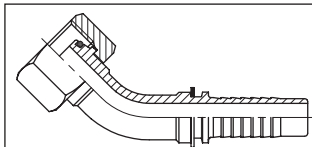


Part no.	Thread	Pipe	Type	Hose ID
4270-06-03-2	M 12 x 1.5	6 mm	DKLO	3/16"
4270-06-04	M 12 x 1.5	6 mm	DKLO	1/4"
4270-08-03-2	M 14 x 1.5	8 mm	DKLO	3/16"
4270-08-04-2	M 14 x 1.5	8 mm	DKLO	1/4"
4270-10-04-2	M 16 x 1.5	10 mm	DKLO	1/4"
4270-10-05-2	M 16 x 1.5	10 mm	DKLO	5/16"
4270-10-06	M 16 x 1.5	10 mm	DKLO	3/8"
4270-12-04-2	M 18 x 1.5	12 mm	DKLO	1/4"
4270-12-05-2	M 18 x 1.5	12 mm	DKLO	5/16"
4270-12-06-2	M 18 x 1.5	12 mm	DKLO	3/8"
4270-12-08	M 18 x 1.5	12 mm	DKLO	1/2"
4270-15-06-2	M 22 x 1.5	15 mm	DKLO	3/8"
4270-15-08-2	M 22 x 1.5	15 mm	DKLO	1/2"
4270-18-08-2	M 26 x 1.5	18 mm	DKLO	1/2"
4270-18-10-2	M 26 x 1.5	18 mm	DKLO	5/8"
4270-18-12	M 26 x 1.5	18 mm	DKLO	3/4"
4270-22-10-2	M 30 x 2.0	22 mm	DKLO	5/8"
4270-22-12-2	M 30 x 2.0	22 mm	DKLO	3/4"
4270-28-12	M 36 x 2.0	28 mm	DKLO	3/4"
4270-28-16-2	M 36 x 2.0	28 mm	DKLO	1"
4270-35-20-2	M 45 x 2.0	35 mm	DKLO	1 1/4"
4270-42-24-2	M 52 x 2.0	42 mm	DKLO	1 1/2"



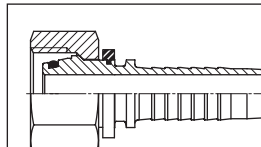
Part no.	Thread	Pipe	Type	Hose ID
4271-06-03-2	M 12 x 1.5	6 mm	DKLO 90°	3/16"
4271-06-04	M 12 x 1.5	6 mm	DKLO 90°	1/4"
4271-08-03-2	M 14 x 1.5	8 mm	DKLO 90°	3/16"
4271-08-04-2	M 14 x 1.5	8 mm	DKLO 90°	1/4"
4271-10-04-2	M 16 x 1.5	10 mm	DKLO 90°	1/4"
4271-10-05-2	M 16 x 1.5	10 mm	DKLO 90°	5/16"
4271-10-06	M 16 x 1.5	10 mm	DKLO 90°	3/8"
4271-12-04-2	M 18 x 1.5	12 mm	DKLO 90°	1/4"
4271-12-05-2	M 18 x 1.5	12 mm	DKLO 90°	5/16"
4271-12-06-2	M 18 x 1.5	12 mm	DKLO 90°	3/8"
4271-15-06-2	M 22 x 1.5	15 mm	DKLO 90°	3/8"
4271-15-08-2	M 22 x 1.5	15 mm	DKLO 90°	1/2"
4271-18-08-2	M 26 x 1.5	18 mm	DKLO 90°	1/2"
4271-18-10-2	M 26 x 1.5	18 mm	DKLO 90°	5/8"
4271-18-12	M 26 x 1.5	18 mm	DKLO 90°	3/4"
4271-22-10-2	M 30 x 2.0	22 mm	DKLO 90°	5/8"
4271-22-12-2	M 30 x 2.0	22 mm	DKLO 90°	3/4"
4271-28-16-2	M 36 x 2.0	28 mm	DKLO 90°	1"
4271-35-20-2	M 45 x 2.0	35 mm	DKLO 90°	1 1/4"
4271-42-24-2	M 52 x 2.0	42 mm	DKLO 90°	1 1/2"





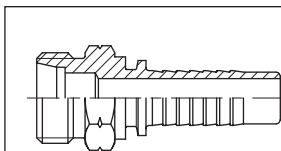
4272~2
Metric
45° bend female
24° cone sealing with O-ring
PRODUCT GROUP 300

Part no.	Thread	Pipe	Type	Hose ID
4272-06-03-2	M 12 x 1.5	6 mm	DKLO 45°	3/16"
4272-06-04	M 12 x 1.5	6 mm	DKLO 45°	1/4"
4272-08-03-2	M 14 x 1.5	8 mm	DKLO 45°	3/16"
4272-08-04-2	M 14 x 1.5	8 mm	DKLO 45°	1/4"
4272-10-04-2	M 16 x 1.5	10 mm	DKLO 45°	1/4"
4272-10-05-2	M 16 x 1.5	10 mm	DKLO 45°	5/16"
4272-10-06	M 16 x 1.5	10 mm	DKLO 45°	3/8"
4272-12-04-2	M 18 x 1.5	12 mm	DKLO 45°	1/4"
4272-12-05-2	M 18 x 1.5	12 mm	DKLO 45°	5/16"
4272-12-06-2	M 18 x 1.5	12 mm	DKLO 45°	3/8"
4272-15-06-2	M 22 x 1.5	15 mm	DKLO 45°	3/8"
4272-15-08-2	M 22 x 1.5	15 mm	DKLO 45°	1/2"
4272-18-08-2	M 26 x 1.5	18 mm	DKLO 45°	1/2"
4272-18-10-2	M 26 x 1.5	18 mm	DKLO 45°	5/8"
4272-18-12	M 26 x 1.5	18 mm	DKLO 45°	3/4"
4272-22-10-2	M 30 x 2.0	22 mm	DKLO 45°	5/8"
4272-22-12-2	M 30 x 2.0	22 mm	DKLO 45°	3/4"
4272-28-16-2	M 36 x 2.0	28 mm	DKLO 45°	1"
4272-35-20-2	M 45 x 2.0	35 mm	DKLO 45°	1 1/4"
4272-42-24-2	M 52 x 2.0	42 mm	DKLO 45°	1 1/2"



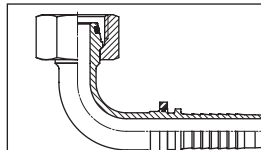
4273~2
Metric
Straight female
24° cone sealing with O-ring
PRODUCT GROUP 300

Part no.	Thread	Pipe	Type	Hose ID
4273-06-03-2	M 14 x 1.5	6 mm	DKSO	3/16"
4273-06-04	M 14 x 1.5	6 mm	DKSO	1/4"
4273-08-03-2	M 16 x 1.5	8 mm	DKSO	3/16"
4273-08-04-2	M 16 x 1.5	8 mm	DKSO	1/4"
4273-10-04-2	M 18 x 1.5	10 mm	DKSO	1/4"
4273-10-05-2	M 18 x 1.5	10 mm	DKSO	5/16"
4273-10-06	M 18 x 1.5	10 mm	DKSO	3/8"
4273-12-04-2	M 20 x 1.5	12 mm	DKSO	1/4"
4273-12-05-2	M 20 x 1.5	12 mm	DKSO	5/16"
4273-12-06-2	M 20 x 1.5	12 mm	DKSO	3/8"
4273-14-06-2	M 22 x 1.5	14 mm	DKSO	3/8"
4273-14-08-2	M 22 x 1.5	14 mm	DKSO	1/2"
4273-16-08-2	M 24 x 1.5	16 mm	DKSO	1/2"
4273-20-08-2	M 30 x 2.0	20 mm	DKSO	1/2"
4273-20-10-2	M 30 x 2.0	20 mm	DKSO	5/8"
4273-20-12-2	M 30 x 2.0	20 mm	DKSO	3/4"
4273-25-12-2	M 36 x 2.0	25 mm	DKSO	3/4"
4273-25-16-2	M 36 x 2.0	25 mm	DKSO	1"
4273-30-16-2	M 42 x 2.0	30 mm	DKSO	1"
4273-30-20-2	M 42 x 2.0	30 mm	DKSO	1 1/4"
4273-38-20-2	M 52 x 2.0	38 mm	DKSO	1 1/4"
4273-38-24-2	M 52 x 2.0	38 mm	DKSO	1 1/2"



4220
Metric
Straight male
24° cone sealing
PRODUCT GROUP 300

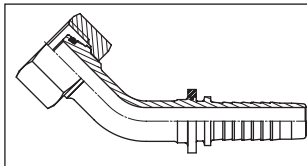
Part no.	Thread	Pipe	Type	Hose ID
4220-12-03	M 12 x 1,5	6 mm	SKL	3/16"
4220-12-04	M 12 x 1,5	6 mm	SKL	1/4"
4220-14-03	M 14 x 1,5	8 mm	SKL	3/16"
4220-14-04	M 14 x 1,5	8 mm	SKL	1/4"
4220-16-04	M 16 x 1,5	10 mm	SKL	1/4"
4220-16-05	M 16 x 1,5	10 mm	SKL	5/16"
4220-16-06	M 16 x 1,5	10 mm	SKL	3/8"
4220-18-04	M 18 x 1,5	12 mm	SKL	1/4"
4220-18-05	M 18 x 1,5	12 mm	SKL	5/16"
4220-18-06	M 18 x 1,5	12 mm	SKL	3/8"
4220-22-06	M 22 x 1,5	15 mm	SKL	3/8"
4220-22-08	M 22 x 1,5	15 mm	SKL	1/2"
4220-26-08	M 26 x 1,5	18 mm	SKL	1/2"
4220-26-10	M 26 x 1,5	18 mm	SKL	5/8"
4220-26-12	M 26 x 1,5	18 mm	SKL	3/4"
4220-30-10	M 30 x 2,0	22 mm	SKL	5/8"
4220-30-12	M 30 x 2,0	22 mm	SKL	3/4"
4220-36-16	M 36 x 2,0	28 mm	SKL	1"
4220-45-20	M 45 x 2,0	35 mm	SKL	1 1/4"
4220-52-24	M 52 x 2,0	42 mm	SKL	1 1/2"



4274~2
Metric
90° bend female
24° cone sealing with O-ring
PRODUCT GROUP 300

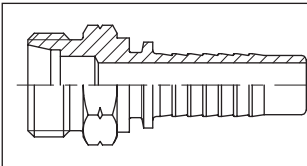
Part no.	Thread	Pipe	Type	Hose ID
4274-06-03-2	M 14 x 1,5	6 mm	DKSO 90°	3/16"
4274-06-04	M 14 x 1,5	6 mm	DKSO 90°	1/4"
4274-08-03-2	M 16 x 1,5	8 mm	DKSO 90°	3/16"
4274-08-04-2	M 16 x 1,5	8 mm	DKSO 90°	1/4"
4274-10-04-2	M 18 x 1,5	10 mm	DKSO 90°	1/4"
4274-10-05-2	M 18 x 1,5	10 mm	DKSO 90°	5/16"
4274-10-06	M 18 x 1,5	10 mm	DKSO 90°	3/8"
4274-12-04-2	M 20 x 1,5	12 mm	DKSO 90°	1/4"
4274-12-05-2	M 20 x 1,5	12 mm	DKSO 90°	5/16"
4274-12-06-2	M 20 x 1,5	12 mm	DKSO 90°	3/8"
4274-14-06-2	M 22 x 1,5	14 mm	DKSO 90°	3/8"
4274-14-08-2	M 22 x 1,5	14 mm	DKSO 90°	1/2"
4274-16-08-2	M 24 x 1,5	16 mm	DKSO 90°	1/2"
4274-20-10-2	M 30 x 2,0	20 mm	DKSO 90°	5/8"
4274-20-12-2	M 30 x 2,0	20 mm	DKSO 90°	3/4"
4274-25-12-2	M 36 x 2,0	25 mm	DKSO 90°	3/4"
4274-25-16-2	M 36 x 2,0	25 mm	DKSO 90°	1"
4274-30-16-2	M 42 x 2,0	30 mm	DKSO 90°	1"
4274-30-20-2	M 42 x 2,0	30 mm	DKSO 90°	1 1/4"
4274-38-20-2	M 52 x 2,0	38 mm	DKSO 90°	1 1/4"
4274-38-24-2	M 52 x 2,0	38 mm	DKSO 90°	1 1/2"

4:2



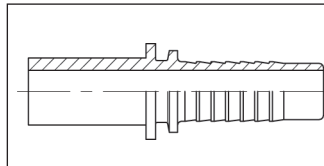
4275~2
Metric
 45° bend female
 24° cone sealing with O-ring
 PRODUCT GROUP 300

Part no.	Thread	Pipe	Type	Hose ID
4275-06-03-2	M 14 x 1.5	6 mm	DKSO 45°	3/16"
4275-06-04	M 14 x 1.5	6 mm	DKSO 45°	1/4"
4275-08-03-2	M 16 x 1.5	8 mm	DKSO 45°	3/16"
4275-08-04-2	M 16 x 1.5	8 mm	DKSO 45°	1/4"
4275-10-04-2	M 18 x 1.5	10 mm	DKSO 45°	1/4"
4275-10-05-2	M 18 x 1.5	10 mm	DKSO 45°	5/16"
4275-10-06	M 18 x 1.5	10 mm	DKSO 45°	3/8"
4275-12-04-2	M 20 x 1.5	12 mm	DKSO 45°	1/4"
4275-12-05-2	M 20 x 1.5	12 mm	DKSO 45°	5/16"
4275-12-06-2	M 20 x 1.5	12 mm	DKSO 45°	3/8"
4275-14-06-2	M 22 x 1.5	14 mm	DKSO 45°	3/8"
4275-14-08-2	M 22 x 1.5	14 mm	DKSO 45°	1/2"
4275-16-08-2	M 24 x 1.5	16 mm	DKSO 45°	1/2"
4275-20-10-2	M 30 x 2.0	20 mm	DKSO 45°	5/8"
4275-20-12-2	M 30 x 2.0	20 mm	DKSO 45°	3/4"
4275-25-12-2	M 36 x 2.0	25 mm	DKSO 45°	3/4"
4275-25-16-2	M 36 x 2.0	25 mm	DKSO 45°	1"
4275-30-16-2	M 42 x 2.0	30 mm	DKSO 45°	1"
4275-30-20-2	M 42 x 2.0	30 mm	DKSO 45°	1 1/4"
4275-38-20-2	M 52 x 2.0	38 mm	DKSO 45°	1 1/4"
4275-38-24-2	M 52 x 2.0	38 mm	DKSO 45°	1 1/2"



4223
Metric
 Straight male
 24° cone sealing
 PRODUCT GROUP 300

Part no.	Thread	Pipe	Type	Hose ID
4223-14-03	M 14 x 1,5	6 mm	SKS	3/16"
4223-14-04	M 14 x 1,5	6 mm	SKS	1/4"
4223-16-03	M 16 x 1,5	8 mm	SKS	3/16"
4223-16-04	M 16 x 1,5	8 mm	SKS	1/4"
4223-18-04	M 18 x 1,5	10 mm	SKS	1/4"
4223-18-05	M 18 x 1,5	10 mm	SKS	5/16"
4223-18-06	M 18 x 1,5	10 mm	SKS	3/8"
4223-20-04	M 20 x 1,5	12 mm	SKS	1/4"
4223-20-05	M 20 x 1,5	12 mm	SKS	5/16"
4223-20-06	M 20 x 1,5	12 mm	SKS	3/8"
4223-22-06	M 22 x 1,5	14 mm	SKS	3/8"
4223-22-08	M 22 x 1,5	14 mm	SKS	1/2"
4223-24-08	M 24 x 1,5	16 mm	SKS	1/2"
4223-30-10	M 30 x 2,0	20 mm	SKS	5/8"
4223-30-12	M 30 x 2,0	20 mm	SKS	3/4"
4223-36-12	M 36 x 2,0	25 mm	SKS	3/4"
4223-36-16	M 36 x 2,0	25 mm	SKS	1"
4223-42-16	M 42 x 2,0	30 mm	SKS	1"
4223-42-20	M 42 x 2,0	30 mm	SKS	1 1/4"
4223-52-20	M 52 x 2,0	38 mm	SKS	1 1/4"
4223-52-24	M 52 x 2,0	38 mm	SKS	1 1/2"

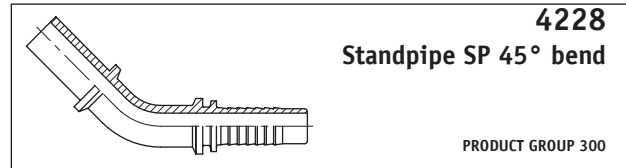


4226
Standpipe straight SP
 PRODUCT GROUP 300

Part no.	Pipe Ø	Type	Hose ID
4226-06-02	6 mm	SP	1/8"
4226-06-03	6 mm	SP	3/16"
4226-06-04	6 mm	SP	1/4"
4226-08-03	8 mm	SP	3/16"
4226-08-04	8 mm	SP	1/4"
4226-10-04	10 mm	SP	1/4"
4226-10-05	10 mm	SP	5/16"
4226-10-06	10 mm	SP	3/8"
4226-12-04	12 mm	SP	1/4"
4226-12-05	12 mm	SP	5/16"
4226-12-06	12 mm	SP	3/8"
4226-12-08	12 mm	SP	1/2"
4226-14-06	14 mm	SP	3/8"
4226-14-08	14 mm	SP	1/2"
4226-15-06	15 mm	SP	3/8"
4226-15-08	15 mm	SP	1/2"
4226-15-10	15 mm	SP	5/8"
4226-16-06	16 mm	SP	3/8"
4226-16-08	16 mm	SP	1/2"
4226-18-08	18 mm	SP	1/2"
4226-18-10	18 mm	SP	5/8"
4226-18-12	18 mm	SP	3/4"
4226-20-10	20 mm	SP	5/8"
4226-20-12	20 mm	SP	3/4"
4226-22-10	22 mm	SP	5/8"
4226-22-12	22 mm	SP	3/4"
4226-25-12	25 mm	SP	3/4"
4226-25-16	25 mm	SP	1"
4226-28-16	28 mm	SP	1"
4226-30-16	30 mm	SP	1"
4226-30-20	30 mm	SP	1 1/4"
4226-35-20	35 mm	SP	1 1/4"
4226-38-20	38 mm	SP	1 1/4"
4226-38-24	38 mm	SP	1 1/2"
4226-42-24	42 mm	SP	1 1/2"

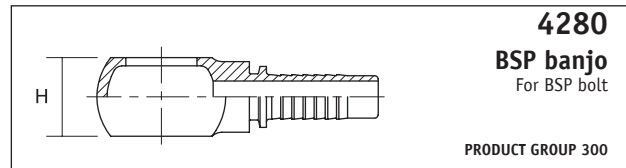


Part no.	Pipe Ø	Type	Hose ID
4227-06-03	6 mm	SP 90°	3/16"
4227-06-04	6 mm	SP 90°	1/4"
4227-08-03	8 mm	SP 90°	3/16"
4227-08-04	8 mm	SP 90°	1/4"
4227-10-04	10 mm	SP 90°	1/4"
4227-10-05	10 mm	SP 90°	5/16"
4227-10-06	10 mm	SP 90°	3/8"
4227-12-04	12 mm	SP 90°	1/4"
4227-12-05	12 mm	SP 90°	5/16"
4227-12-06	12 mm	SP 90°	3/8"
4227-12-08	12 mm	SP 90°	1/2"
4227-14-06	14 mm	SP 90°	3/8"
4227-14-08	14 mm	SP 90°	1/2"
4227-15-06	15 mm	SP 90°	3/8"
4227-15-08	15 mm	SP 90°	1/2"
4227-16-08	16 mm	SP 90°	1/2"
4227-18-08	18 mm	SP 90°	1/2"
4227-18-10	18 mm	SP 90°	5/8"
4227-18-12	18 mm	SP 90°	3/4"
4227-20-10	20 mm	SP 90°	5/8"
4227-20-12	20 mm	SP 90°	3/4"
4227-22-10	22 mm	SP 90°	5/8"
4227-22-12	22 mm	SP 90°	3/4"
4227-25-12	25 mm	SP 90°	3/4"
4227-25-16	25 mm	SP 90°	1"
4227-28-16	28 mm	SP 90°	1"
4227-30-16	30 mm	SP 90°	1"
4227-30-20	30 mm	SP 90°	1 1/4"
4227-35-20	35 mm	SP 90°	1 1/4"
4227-38-20	38 mm	SP 90°	1 1/4"
4227-38-24	38 mm	SP 90°	1 1/2"
4227-42-24	42 mm	SP 90°	1 1/2"

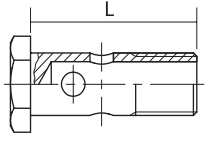


Part no.	Pipe Ø	Type	Hose ID
4228-06-03	6 mm	SP 45°	3/16"
4228-06-04	6 mm	SP 45°	1/4"
4228-08-03	8 mm	SP 45°	3/16"
4228-08-04	8 mm	SP 45°	1/4"
4228-10-04	10 mm	SP 45°	1/4"
4228-10-05	10 mm	SP 45°	5/16"
4228-10-06	10 mm	SP 45°	3/8"
4228-12-04	12 mm	SP 45°	1/4"
4228-12-05	12 mm	SP 45°	5/16"
4228-12-06	12 mm	SP 45°	3/8"
4228-12-08	12 mm	SP 45°	1/2"
4228-14-06	14 mm	SP 45°	3/8"
4228-14-08	14 mm	SP 45°	1/2"
4228-15-06	15 mm	SP 45°	3/8"
4228-15-08	15 mm	SP 45°	1/2"
4228-16-08	16 mm	SP 45°	1/2"
4228-18-08	18 mm	SP 45°	1/2"
4228-18-10	18 mm	SP 45°	5/8"
4228-18-12	18 mm	SP 45°	3/4"
4228-20-10	20 mm	SP 45°	5/8"
4228-20-12	20 mm	SP 45°	3/4"
4228-22-10	22 mm	SP 45°	5/8"
4228-22-12	22 mm	SP 45°	3/4"
4228-25-12	25 mm	SP 45°	3/4"
4228-25-16	25 mm	SP 45°	1"
4228-28-16	28 mm	SP 45°	1"
4228-30-16	30 mm	SP 45°	1"
4228-30-20	30 mm	SP 45°	1 1/4"
4228-35-20	35 mm	SP 45°	1 1/4"
4228-38-20	38 mm	SP 45°	1 1/4"
4228-38-24	38 mm	SP 45°	1 1/2"
4228-42-24	42 mm	SP 45°	1 1/2"

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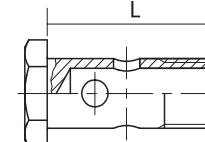


Part no.	Thread	Type	Hose ID	Length
4280-02-03	G 1/8"	Banjo	3/16"	10,0 mm
4280-02-04	G 1/8"	Banjo	1/4"	10,0 mm
4280-04-03	G 1/4"	Banjo	3/16"	14,0 mm
4280-04-04	G 1/4"	Banjo	1/4"	14,0 mm
4280-04-05	G 1/4"	Banjo	5/16"	14,0 mm
4280-04-06	G 1/4"	Banjo	3/8"	14,0 mm
4280-06-04	G 3/8"	Banjo	1/4"	17,5 mm
4280-06-05	G 3/8"	Banjo	5/16"	17,5 mm
4280-06-06	G 3/8"	Banjo	3/8"	17,5 mm
4280-06-08	G 3/8"	Banjo	1/2"	17,5 mm
4280-08-04	G 1/2"	Banjo	1/4"	23,0 mm
4280-08-06	G 1/2"	Banjo	3/8"	23,0 mm
4280-08-08	G 1/2"	Banjo	1/2"	23,0 mm
4280-10-08	G 5/8"	Banjo	1/2"	23,5 mm
4280-10-10	G 5/8"	Banjo	5/8"	23,5 mm
4280-12-08	G 3/4"	Banjo	1/2"	29,5 mm
4280-12-10	G 3/4"	Banjo	5/8"	29,5 mm
4280-12-12	G 3/4"	Banjo	3/4"	29,5 mm
4280-16-16	G 1"	Banjo	1"	37,5 mm



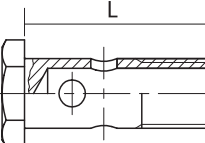
4280-01
BSP bolt
 For BSP banjo
 PRODUCT GROUP 300

Part no.	Thread	Type	Length
4280-01-02	G 1/8"	Banjo bolt	21,5 mm
4280-01-04	G 1/4"	Banjo bolt	29,5 mm
4280-01-06	G 3/8"	Banjo bolt	34,0 mm
4280-01-08	G 1/2"	Banjo bolt	36,0 mm
4280-01-10	G 5/8"	Banjo bolt	45,5 mm
4280-01-12	G 3/4"	Banjo bolt	48,0 mm
4280-01-16	G 1"	Banjo bolt	59,0 mm



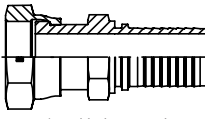
4282-01
Metric bolt
 For metric banjo
 PRODUCT GROUP 300

Part no.	Thread	Type	Length
4282-01-10	M 10x1,0	Banjo bolt	19 mm
4282-01-12	M 12x1,5	Banjo bolt	26 mm
4282-01-14	M 14x1,5	Banjo bolt	29 mm
4282-01-16	M 16x1,5	Banjo bolt	33 mm
4282-01-18	M 18x1,5	Banjo bolt	37 mm
4282-01-20	M 20x1,5	Banjo bolt	38 mm
4282-01-22	M 22x1,5	Banjo bolt	38 mm
4282-01-26	M 26x1,5	Banjo bolt	47 mm
4282-01-30	M 30x1,5	Banjo bolt	58 mm



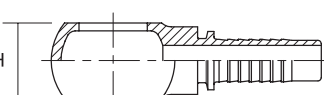
4281-01
BSP bolt double
 For BSP banjo
 PRODUCT GROUP 300

Part no.	Thread	Type	Length
4281-01-04	G 1/4"	Banjo, double	43 mm
4281-01-06	G 3/8"	Banjo, double	49 mm
4281-01-08	G 1/2"	Banjo, double	62 mm



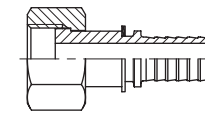
4290
ORFS
 Straight female
 PRODUCT GROUP 300
 *)Double hexagonal

Part no.	Thread	Type	Hose ID
4290-04-04*	9/16"-18	ORFS	1/4"
4290-04-06	9/16"-18	ORFS	3/8"
4290-06-04	11/16"-16	ORFS	1/4"
4290-06-06*	11/16"-16	ORFS	3/8"
4290-06-08	11/16"-16	ORFS	1/2"
4290-08-06	13/16"-16	ORFS	1/2"
4290-08-08*	13/16"-16	ORFS	1/2"
4290-10-08	1"-14	ORFS	1/2"
4290-12-08	1 3/16"-12	ORFS	1/2"
4290-10-10*	1"-14	ORFS	5/8"
4290-12-10	1 3/16"-12	ORFS	5/8"
4290-12-12*	1 3/16"-12	ORFS	3/4"
4290-16-12	1 7/16"-12	ORFS	3/4"
4290-16-16*	1 7/16"-12	ORFS	1"
4290-20-16	1 11/16"-12	ORFS	1"
4290-20-20	1 11/16"-12	ORFS	1 1/4"
4290-24-24	2"-12	ORFS	1 1/2"



4282
Metric banjo
 For metric bolt
 PRODUCT GROUP 300

Part no.	Bolt thread	Type	Hose ID	Length
4282-10-03	M 10 x 1,0	Banjo	3/16"	10,0 mm
4282-10-04	M 10 x 1,0	Banjo	1/4"	10,0 mm
4282-12-03	M 12 x 1,5	Banjo	3/16"	12,0 mm
4282-12-04	M 12 x 1,5	Banjo	1/4"	12,0 mm
4282-12-05	M 12 x 1,5	Banjo	5/16"	12,0 mm
4282-14-03	M 14 x 1,5	Banjo	3/16"	14,0 mm
4282-14-04	M 14 x 1,5	Banjo	1/4"	14,0 mm
4282-14-05	M 14 x 1,5	Banjo	5/16"	14,0 mm
4282-14-06	M 14 x 1,5	Banjo	3/8"	14,0 mm
4282-16-04	M 16 x 1,5	Banjo	1/4"	17,5 mm
4282-16-05	M 16 x 1,5	Banjo	5/16"	17,5 mm
4282-16-06	M 16 x 1,5	Banjo	3/8"	17,5 mm
4282-18-04	M 18 x 1,5	Banjo	1/4"	20,5 mm
4282-18-05	M 18 x 1,5	Banjo	5/16"	20,5 mm
4282-18-06	M 18 x 1,5	Banjo	3/8"	20,5 mm
4282-18-08	M 18 x 1,5	Banjo	1/2"	20,5 mm
4282-20-06	M 20 x 1,5	Banjo	3/8"	23,0 mm
4282-20-08	M 20 x 1,5	Banjo	1/2"	23,0 mm
4282-22-06	M 22 x 1,5	Banjo	3/8"	22,5 mm
4282-22-08	M 22 x 1,5	Banjo	1/2"	22,5 mm
4282-22-10	M 22 x 1,5	Banjo	5/8"	22,5 mm
4282-26-12	M 26 x 1,5	Banjo	3/4"	29,5 mm
4282-30-12	M 30 x 1,5	Banjo	3/4"	30,0 mm
4282-30-16	M 30 x 1,5	Banjo	1"	37,0 mm



4290~2
ORFS
 Straight female
 PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4290-04-04-2	9/16"-18 UNF	ORFS FS	1/4"
4290-06-04-2	11/16"-16 UN	ORFS FS	1/4"
4290-06-05-2	11/16"-16 UN	ORFS FS	5/16"
4290-06-06-2	11/16"-16 UN	ORFS FS	3/8"
4290-08-06-2	13/16"-16 UN	ORFS FS	3/8"
4290-08-08-2	13/16"-16 UN	ORFS FS	1/2"
4290-10-08-2	1"-14 UNS	ORFS FS	1/2"
4290-10-10-2	1"-14 UNS	ORFS FS	5/8"
4290-12-08-2	1 3/16"-12 UN	ORFS FS	1/2"
4290-12-10-2	1 3/16"-12 UN	ORFS FS	5/8"
4290-12-12-2	1 3/16"-12 UN	ORFS FS	3/4"
4290-16-12-2	1 7/16"-12 UN	ORFS FS	3/4"
4290-16-16-2	1 7/16"-12 UN	ORFS FS	1"
4290-20-16-2	1 11/16"-12 UN	ORFS FS	1"
4290-20-20-2	1 11/16"-12 UN	ORFS FS	1 1/4"
4290-24-24-2	2"-12 UN	ORFS FS	1 1/2"



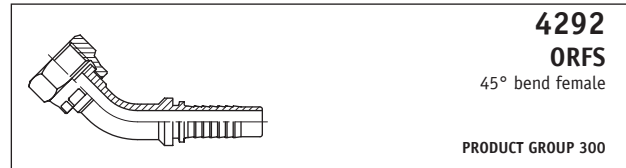


4291
ORFS

90° bend female

PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4291-04-04	9/16" - 18 UNF	ORFS 90° FS	1/4"
4291-06-06	11/16" - 16 UN	ORFS 90° FS	3/8"
4291-06-08	11/16" - 16 UN	ORFS 90° FS	1/2"
4291-08-08	13/16" - 16 UN	ORFS 90° FS	1/2"
4291-10-08	1" - 14 UNS	ORFS 90° FS	1/2"
4291-10-10	1" - 14 UNS	ORFS 90° FS	5/8"
4291-12-12	1 3/16" - 12 UN	ORFS 90° FS	3/4"
4291-16-16	1 7/16" - 12 UN	ORFS 90° FS	1"
4291-20-16	1 11/16" - 12 UN	ORFS 90° FS	1"
4291-20-20	1 11/16" - 12 UN	ORFS 90° FS	1 1/4"
4291-24-24	2" - 12 UN	ORFS 90° FS	1 1/2"

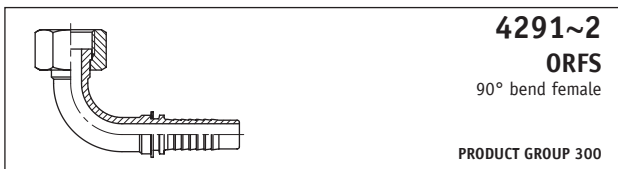


4292
ORFS

45° bend female

PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4292-04-04	9/16" - 18 UNF	ORFS 45° FS	1/4"
4292-06-04	11/16" - 16 UN	ORFS 45° FS	1/4"
4292-06-06	11/16" - 16 UN	ORFS 45° FS	3/8"
4292-08-08	13/16" - 16 UN	ORFS 45° FS	1/2"
4292-10-10	1" - 14 UNS	ORFS 45° FS	5/8"
4292-12-12	1 3/16" - 12 UN	ORFS 45° FS	3/4"
4292-16-12	1 7/16" - 12 UN	ORFS 45° FS	3/4"
4292-16-16	1 7/16" - 12 UN	ORFS 45° FS	1"
4292-20-20	1 11/16" - 12 UN	ORFS 45° FS	1 1/4"
4292-24-24	2" - 12 UN	ORFS 45° FS	1 1/2"

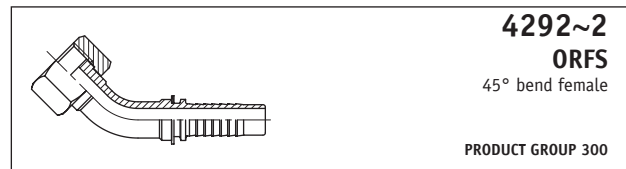


4291~2
ORFS

90° bend female

PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4291-04-04-2	9/16"-18 UNF	ORFS 90° FS	1/4"
4291-06-04-2	11/16"-16 UN	ORFS 90° FS	1/4"
4291-06-05-2	11/16"-16 UN	ORFS 90° FS	5/16"
4291-06-06-2	11/16"-16 UN	ORFS 90° FS	3/8"
4291-08-06-2	13/16"-16 UN	ORFS 90° FS	3/8"
4291-08-08-2	13/16"-16 UN	ORFS 90° FS	1/2"
4291-10-08-2	1"-14 UNS	ORFS 90° FS	1/2"
4291-10-10-2	1"-14 UNS	ORFS 90° FS	5/8"
4291-12-08-2	1 3/16"-12 UN	ORFS 90° FS	1/2"
4291-12-10-2	1 3/16"-12 UN	ORFS 90° FS	5/8"
4291-12-12-2	1 3/16"-12 UN	ORFS 90° FS	3/4"
4291-16-12-2	1 7/16"-12 UN	ORFS 90° FS	3/4"
4291-16-16-2	1 7/16"-12 UN	ORFS 90° FS	1"
4291-20-20-2	1 11/16"-12 UN	ORFS 90° FS	1 1/4"
4291-24-24-2	2"-12 UN	ORFS 90° FS	1 1/2"

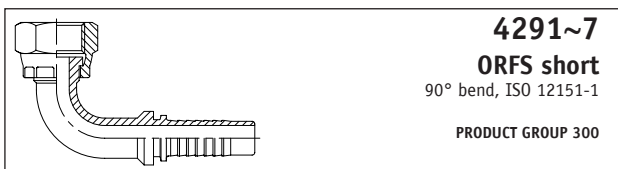


4292~2
ORFS

45° bend female

PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4292-04-04-2	9/16"-18 UNF	ORFS 45° FS	1/4"
4292-06-04-2	11/16"-16 UN	ORFS 45° FS	1/4"
4292-06-05-2	11/16"-16 UN	ORFS 45° FS	5/16"
4292-06-06-2	11/16"-16 UN	ORFS 45° FS	3/8"
4292-08-06-2	13/16"-16 UN	ORFS 45° FS	3/8"
4292-08-08-2	13/16"-16 UN	ORFS 45° FS	1/2"
4292-10-08-2	1"-14 UNS	ORFS 45° FS	1/2"
4292-10-10-2	1"-14 UNS	ORFS 45° FS	5/8"
4292-12-08-2	1 3/16"-12 UN	ORFS 45° FS	1/2"
4292-12-10-2	1 3/16"-12 UN	ORFS 45° FS	5/8"
4292-12-12-2	1 3/16"-12 UN	ORFS 45° FS	3/4"
4292-16-12-2	1 7/16"-12 UN	ORFS 45° FS	3/4"
4292-16-16-2	1 7/16"-12 UN	ORFS 45° FS	1"
4292-20-20-2	1 11/16"-12 UN	ORFS 45° FS	1 1/4"
4292-24-24-2	2"-12 UN	ORFS 45° FS	1 1/2"

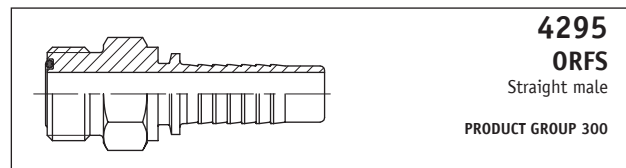


4291~7
ORFS short

90° bend, ISO 12151-1

PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4291-04-04-7	9/16" - 18 UNF	ORFS 90° S FS	1/4"
4291-06-06-7	11/16" - 16 UN	ORFS 90° S FS	3/8"
4291-08-04-7	13/16" - 16 UN	ORFS 90° S FS	1/4"
4291-08-08-7	13/16" - 16 UN	ORFS 90° S FS	1/2"
4291-10-10-7	1" - 14 UNS	ORFS 90° S FS	5/8"
4291-10-12-7	1" - 14 UNS	ORFS 90° S FS	3/4"
4291-12-12-7	1 3/16" - 12 UN	ORFS 90° S FS	3/4"
4291-16-16-7	1 7/16" - 12 UN	ORFS 90° S FS	1"

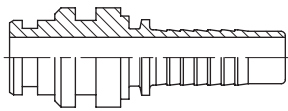


4295
ORFS

Straight male

PRODUCT GROUP 300

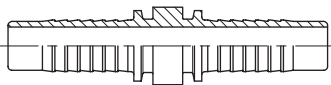
Part no.	Thread	Type	Hose ID
4295-04-04	9/16"-18 UNF	ORFS M	1/4"
4295-06-04	11/16"-16 UN	ORFS M	1/4"
4295-06-05	11/16"-16 UN	ORFS M	5/16"
4295-06-06	11/16"-16 UN	ORFS M	3/8"
4295-08-06	13/16"-16 UN	ORFS M	3/8"
4295-08-08	13/16"-16 UN	ORFS M	1/2"
4295-10-06	1"-14 UNS	ORFS M	3/8"
4295-10-08	1"-14 UNS	ORFS M	1/2"
4295-10-10	1"-14 UNS	ORFS M	5/8"
4295-12-08	1 3/16"-12 UN	ORFS M	1/2"
4295-12-10	1 3/16"-12 UN	ORFS M	5/8"
4295-12-12	1 3/16"-12 UN	ORFS M	3/4"
4295-16-12	1 7/16"-12 UN	ORFS M	3/4"
4295-16-16	1 7/16"-12 UN	ORFS M	1"
4295-20-16	1 11/16"-12 UN	ORFS M	1"
4295-20-20	1 11/16"-12 UN	ORFS M	1 1/4"
4295-24-24	2"-12 UN	ORFS M	1 1/2"



4276
Staplelock, male

PRODUCT GROUP 300

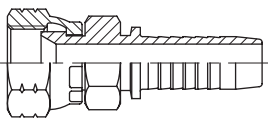
Part no.	Huvud	Type	Hose ID
4276-04-04	1/4"	Staplelock	1/4"
4276-06-06	3/8"	Staplelock	3/8"
4276-08-08	1/2"	Staplelock	1/2"
4276-12-12	3/4"	Staplelock	3/4"
4276-16-16	1"	Staplelock	1"
4276-20-20	1 1/4"	Staplelock	1 1/4"



4277
Hose joiner

PRODUCT GROUP 300

Part no.	Hose ID	Type	Hose ID
4277-03-03	3/16"	Hose joiner	3/16"
4277-04-04	1/4"	Hose joiner	1/4"
4277-05-05	5/16"	Hose joiner	5/16"
4277-06-06	3/8"	Hose joiner	3/8"
4277-08-08	1/2"	Hose joiner	1/2"
4277-10-10	5/8"	Hose joiner	5/8"
4277-12-12	3/4"	Hose joiner	3/4"
4277-16-16	1"	Hose joiner	1"
4277-20-20	1 1/4"	Hose joiner	1 1/4"
4277-24-24	1 1/2"	Hose joiner	1 1/2"
4277-32-32	2"	Hose joiner	2"

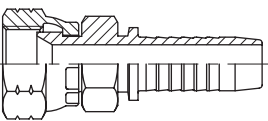


4284
M JI

Japanese standard
Komatsu 60° cone

PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4284-14-04	M 14 x 1.5	M JI	1/4"
4284-14-06	M 14 x 1.5	M JI	3/8"
4284-16-05	M 16 x 1.5	M JI	5/16"
4284-16-06	M 16 x 1.5	M JI	3/8"
4284-18-06	M 18 x 1.5	M JI	3/8"
4284-22-08	M 22 x 1.5	M JI	1/2"
4284-24-08	M 24 x 1.5	M JI	1/2"
4284-24-10	M 24 x 1.5	M JI	5/8"
4284-30-12	M 30 x 1.5	M JI	3/4"
4284-33-16	M 33 x 1.5	M JI	1"
4284-36-20	M 36 x 1.5	M JI	1 1/4"
4284-42-24	M 42 x 1.5	M JI	1 1/2"

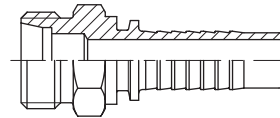


4287
G JI

Japanese standard
"Toyota" 60° cone

PRODUCT GROUP 300

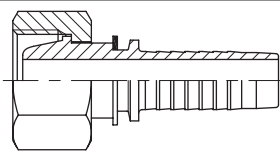
Part no.	Thread	Type	Hose ID
4287-04-04	G 1/4"	G JI	1/4"
4287-06-06	G 3/8"	G JI	3/8"
4287-08-08	G 1/2"	G JI	1/2"
4287-12-12	G 3/4"	G JI	3/4"
4287-16-16	G 1"	G JI	1"
4287-20-20	G 1 1/4"	G JI	1 1/4"
4287-24-24	G 1 1/2"	G JI	1 1/2"



4231
Kobelco

PRODUCT GROUP 300

Part no.	Thread	Pipe	Type	Hose ID
4231-30-10	M 30 x 1.5	22 mm	Kobelco	5/8"
4231-36-12	M 36 x 1.5	28 mm	Kobelco	3/4"
4231-36-16	M 36 x 1.5	28 mm	Kobelco	1"
4231-45-16	M 45 x 1.5	35 mm	Kobelco	1"

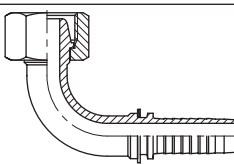


4233~2

Metric
Straight female
Universal cone

PRODUCT GROUP 300

Part no.	Thread	Pipe	Type	Hose ID
4233-06-03-2	M 12 x 1.5	6 mm	MS FS	3/16"
4233-06-04-2	M 12 x 1.5	6 mm	MS FS	1/4"
4233-08-04-2	M 14 x 1.5	8 mm	MS FS	1/4"
4233-10-04-2	M 16 x 1.5	10 mm	MS FS	1/4"
4233-10-05-2	M 16 x 1.5	10 mm	MS FS	5/16"
4233-10-06-2	M 16 x 1.5	10 mm	MS FS	3/8"
4233-12-05-2	M 18 x 1.5	12 mm	MS FS	5/16"
4233-12-06-2	M 18 x 1.5	12 mm	MS FS	3/8"
4233-15-06-2	M 22 x 1.5	15 mm	MS FS	3/8"
4233-15-08-2	M 22 x 1.5	15 mm	MS FS	1/2"
4233-18-10-2	M 26 x 1.5	18 mm	MS FS	5/8"

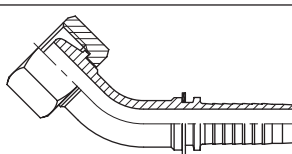


4234~2

Metric
90° bend female
Universal cone

PRODUCT GROUP 300

Part no.	Thread	Pipe	Type	Hose ID
4234-08-04-2	M 14 x 1.5	8 mm	MS 90° FS	1/4"
4234-10-04-2	M 16 x 1.5	10 mm	MS 90° FS	1/4"
4234-10-05-2	M 16 x 1.5	10 mm	MS 90° FS	5/16"
4234-12-06-2	M 18 x 1.5	12 mm	MS 90° FS	3/8"
4234-15-06-2	M 22 x 1.5	15 mm	MS 90° FS	3/8"
4234-15-08-2	M 22 x 1.5	15 mm	MS 90° FS	1/2"
4234-18-10-2	M 26 x 1.5	18 mm	MS 90° FS	5/8"

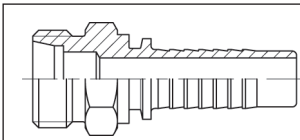


4235~2

Metric
45° bend female
Universal cone

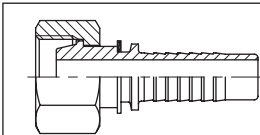
PRODUCT GROUP 300

Part no.	Thread	Pipe	Type	Hose ID
4235-08-04-2	M 14 x 1.5	8 mm	MS 45° FS	1/4"
4235-10-04-2	M 16 x 1.5	10 mm	MS 45° FS	1/4"
4235-10-05-2	M 16 x 1.5	10 mm	MS 45° FS	5/16"
4235-12-06-2	M 18 x 1.5	12 mm	MS 45° FS	3/8"
4235-15-08-2	M 22 x 1.5	15 mm	MS 45° FS	1/2"



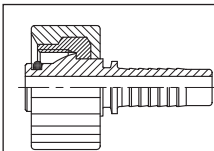
4221
French GAZ
 Metric GAZ straight male
 24° cone, connection for inch pipe
 PRODUCT GROUP 300

Part no.	Thread	Pipe	Type	Hose ID
4221-20-06	M 20 x 1.5	13.25 mm	M	3/8"
4221-24-08	M 24 x 1,5	16,75 mm	M	1/2"
4221-30-10	M 30 x 1.5	21.25 mm	M	5/8"
4221-30-12	M 30 x 1.5	21.25 mm	M	3/4"
4221-36-12	M 36 x 1.5	21.25 mm	M	3/4"
4221-45-16	M 45 x 1.5	33.70 mm	M	1"



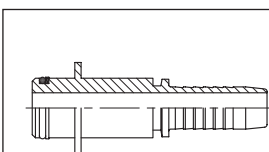
4224~2
French GAZ
 Metric GAZ straight female
 PRODUCT GROUP 300

Part no.	Thread	Pipe	Type	Hose ID
4224-20-06-2	M 20 x 1.5	13.25 mm	FS	3/8"
4224-24-08-2	M 24 x 1.5	16.75 mm	FS	1/2"
4224-30-12-2	M 30 x 1.5	21.25 mm	FS	3/4"
4224-36-12-2	M 36 x 1.5	21.25 mm	FS	3/4"
4224-45-16-2	M 45 x 1.5	33.70 mm	FS	1"



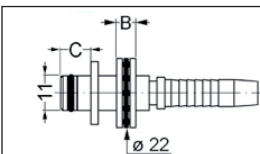
4373
DKSO special
 High pressure washer
 PRODUCT GROUP 300

Part no.	Thread	Type	Hose ID
4373-14-04	M 22 x 1.5	DKSO FS	1/4"
4373-14-05	M 22 x 1.5	DKSO FS	5/16"
4373-14-06	M 22 x 1.5	DKSO FS	3/8"



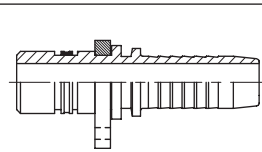
4374
Handle fitting
 High pressure washer
 PRODUCT GROUP 300

Part no.	Type	Hose ID
4374-00-04	Handle fitting	1/4"
4374-00-05	Handle fitting	5/16"
SE 5999-01-36	Washer M10	



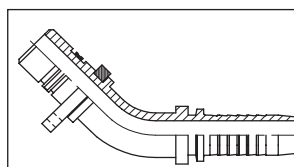
4374-11
High pressure fitting
 Stainless steel
 With bearing and washer
 PRODUCT GROUP 300

Part no.	A	B	C	Hose ID
4374-11-04S	11 mm	6 mm	12 mm	1/4"
4374-11-05S	11 mm	6 mm	12 mm	5/16"



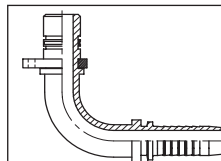
3C14 710
Plug-in fitting
 Straight R1/R2-hose
 PRODUCT GROUP 300

Part no.	Type	WEO	Hose ID
3C147100403	Plug-in Straight	10 mm	3/16"
3C147100404	Plug-in Straight	10 mm	1/4"
3C147100604	Plug-in Straight	13 mm	1/4"
3C147100605	Plug-in Straight	13 mm	5/16"
3C147100606	Plug-in Straight	13 mm	3/8"
3C147100806	Plug-in Straight	16 mm	3/8"
3C147100808	Plug-in Straight	16 mm	1/2"
3C147101208	Plug-in Straight	23 mm	1/2"
3C147101210	Plug-in Straight	23 mm	5/8"
3C147101212	Plug-in Straight	23 mm	3/4"
3C147101616	Plug-in Straight	30 mm	1"



3C14 712
Plug-in fitting 45°
 R1/R2-hose
 PRODUCT GROUP 300

Part no.	Type	WEO	Hose ID
3C147120404	Plug-in 45°	10 mm	1/4"
3C147120604	Plug-in 45°	13 mm	1/4"
3C147120605	Plug-in 45°	13 mm	5/16"
3C147120606	Plug-in 45°	13 mm	3/8"
3C147120806	Plug-in 45°	16 mm	3/8"
3C147120808	Plug-in 45°	16 mm	1/2"
3C147121208	Plug-in 45°	23 mm	1/2"
3C147121210	Plug-in 45°	23 mm	5/8"
3C147121212	Plug-in 45°	23 mm	3/4"



3C14 714
Plug-in fitting 90°
 R1/R2-hose
 PRODUCT GROUP 300

Part no.	Type	WEO	Hose ID
3C147140404	Plug-in 90°	10 mm	1/4"
3C147140604	Plug-in 90°	13 mm	1/4"
3C147140605	Plug-in 90°	13 mm	5/16"
3C147140606	Plug-in 90°	13 mm	3/8"
3C147140806	Plug-in 90°	16 mm	3/8"
3C147140808	Plug-in 90°	16 mm	1/2"
3C147141208	Plug-in 90°	23 mm	1/2"
3C147141210	Plug-in 90°	23 mm	5/8"
3C147141212	Plug-in 90°	23 mm	3/4"



3C14 748
Release ring

PRODUCT GROUP 300

Part no.	Type	WEO	No./package
3C147480400	1/4" Release ring	10 mm	10
3C147480600	3/8" Release ring	13 mm	10
3C147480800	1/2" Release ring	16 mm	10
3C147481200	3/4" Release ring	23 mm	10
3C147481600	1" Release ring	30 mm	10



3C14 749
Assembly stop

PRODUCT GROUP 300

Part no.	Type	WEO	No./package
3C147490400	1/4" Assembly stop	10 mm	10
3C147490600	3/8" Assembly stop	13 mm	10
3C147490801	1/2" Assembly stop	16 mm	10
3C147491200	3/4" Assembly stop	23 mm	10
3C147491600	1" Assembly stop	30 mm	10