

ENGINEERING
TOMORROW



North America

Winner™ by Danfoss **hose and fittings**



NAHAD
HOSE SAFETY INSTITUTE
MEMBER

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⚠ WARNING

Danfoss fitting tolerances are engineered to match approved Danfoss hose tolerances. The use of Danfoss fittings on hose supplied by other manufacturers and/or the use of Danfoss hoses with fittings supplied by other manufactures may result in the production of unreliable and unsafe hose assemblies and is neither recommended nor authorized by Danfoss or any of its affiliates or subsidiaries.

⚠ WARNING

Application considerations must be observed in selecting appropriate components for the application of these products contained herein. The failure to follow the recommendations set forth in this catalog may result in an unstable application which may result in serious personal injury or property damage.

DANFOSS OR ANY OF ITS AFFILIATES OR SUBSIDIARIES SHALL NOT BE SUBJECT TO AND DISCLAIMS ANY OBLIGATIONS OR LIABILITIES (INCLUDING BUT NOT LIMITED TO ALL CONSEQUENTIAL, INCIDENTAL AND CONTINGENT DAMAGES) ARISING FROM TORT CLAIMS (INCLUDING WITHOUT LIMITATION NEGLIGENCE AND STRICT LIABILITY) OR OTHER THEORIES OF LAW WITH RESPECT TO ANY HOSE ASSEMBLIES NOT PRODUCED FROM GENUINE DANFOSS HOSE FITTINGS, HOSE AND DANFOSS APPROVED EQUIPMENT, AND IN CONFORMANCE WITH DANFOSS' SYNPLEX PROCESS AND PRODUCT INSTRUCTIONS FOR EACH SPECIFIC HOSE ASSEMBLY.

Failure to follow these processes and product instructions and limitations could lead to premature hose assembly failures resulting in property damage, serious injury or death.

Warranty

Current warranty information can be found at:

www.Danfoss.com/hydraulicswarranty

Hose Fitting Part Number Nomenclature

26711 D-04-04 SM W ZF

Fitting Series

Material Stock Code

A = Large hex stock

D = Hex stock female nipple

If material is round stock position collapses

Terminal End Size

Hose Size

Special Suffix Code

SM = Backup hex smaller than swivel hex

SP = BSPT with 60° cone

HXX = Special drop length, XX is the drop length in mm

If no special design is required, position collapses

Nut Design

T = Captive nut

W = Wire nut

If crimp nut is used or if nut is not required, position collapses

Plating Type Code

ZF = Zinc Trivalent Chromate (Cr3)

Hose Installation

Proper installation of the hose is essential to the proper operation and safe use of the hose and related equipment. Improper installation of the hose can result in serious injury or property damage caused by spraying fluids or flying projectiles. In order to avoid serious bodily injury or property damage resulting from improper installation of the hose, you should carefully review the information in this catalog regarding hose installation. Some of the factors you must consider in installing the hose properly are:

- Changes in length
- Proper bend radius
- Protection from high temperature sources
- Elbows and adapters to relieve strain
- Rubbing or abrasion
- Twisting
- Improper hose movement

These factors and the other information in this catalog regarding hose installation should be considered by you before installing the hose. If you have any questions regarding proper hose installation, please contact Danfoss Technical Support.

Hose Maintenance

Proper maintenance of the hose is essential to the safe use of the hose and related equipment. Hose should be stored in a dry place. Hose should also be visually inspected. Any hose that has a cut or gouge in the cover that exposes the reinforcement should be retired from service. Hoses should also be inspected for kinking or broken reinforcement. If the outside diameter of the hose is reduced by 20% at the spot where it is bent then the hose should be retired from service. Inadequate attention to maintenance of the hose can result in hose leakage, bursting, or other failure which can cause serious bodily injury or property damage from spraying fluids, flying projectiles, or other substances.

Danfoss **Intelligent** Layline

Our laylines provide **vital hose data** instantly.

Engineering is complex. We just made it easier.
Critical data at a glance.

When it comes to building the platforms and systems that drive the machines of the future, complex engineering makes it all possible. In hydraulics, specific hose capabilities and certifications must be tailored to the unique requirements of each application to optimize performance, maximize uptime and protect user safety. Danfoss' new laylines distill this complex engineering down into its essential parts for easy identification and simple assembly. Every key piece of information is located in one place, ensuring the right hose—with the right capabilities for the job—is easy to identify every time.

Enhanced readability: Danfoss' new laylines take the guesswork out of system assembly. Each layline is easy to read, including important information about the hose—such as the brand, part number, size, abrasion resistance, key specifications, pressure, temp and qualified fitting series.

9.5 mm (0.38 in)
DN10

Winner by Danfoss
EC215-06

Winner by Danfoss

9.5 mm (0.38 in)
DN10

SAE 100R12

280 BAR (4000 PSI)

Winner by Danfoss

EC415-06

9.5 mm (0.38 in)
DN10

SAE 100R12

280 BAR (4000 PSI)

BRAND	PART #	SIZE (I.D.)	AGENCY SPECIFICATIONS	PRESSURE	TEMP	SAE BEND	FITTING
Winner by Danfoss	EC215-06	9.5 mm (0.38 in) DN10	EN857 2SC • ISO 18752 MSHA IC-84/41 • DNV-GL • USCG +	345 BAR (5000 PSI)	-40°C to +100°C -40°F to +212°F	Half Bend	1A+Z 2R+2PC

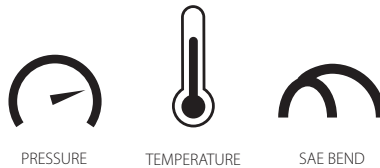
Agency specifications

Hose agency specifications are clearly defined on each hose. SAE, ISO, MSHA, DNV-GL, USCG designation are displayed clearly on each hose, taking the guess work out of hose qualifications.

In addition, many of Danfoss' premium hydraulic hoses exceed SAE and EN specifications to offer superior performance. We will now consistently note this and other specification-related terms on the layline.

Global comprehension

The new layline design also introduces easy-to-identify icons and pictograms, which allow more users around the world to intuitively identify performance characteristics associated with each of Danfoss' rubber hydraulic hoses. Icons include temperature, bend radius, pressure, correct fitting type and more.



SAE bend radius

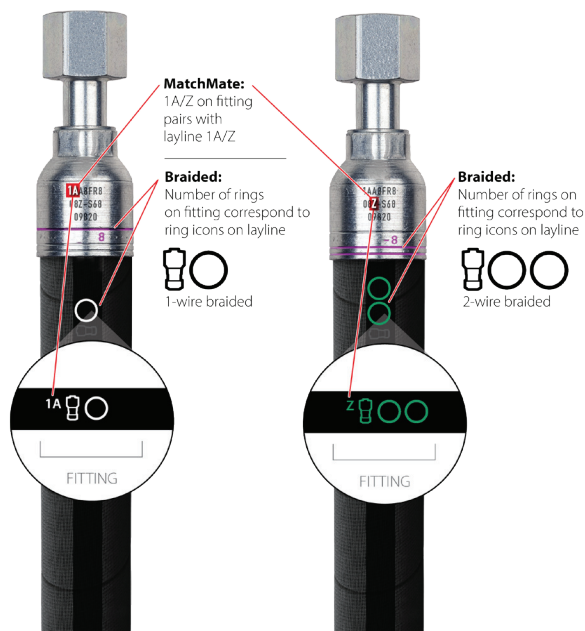
Each SAE hose standard specifies the minimum bend radius of a hose. This is defined as the smallest diameter the hose can be bent without kinking. However, Danfoss recognizes that merely meeting a standard is often not good enough for the tight routing needs of your applications. Many of our core hoses have long been engineered to perform at half or even one-third of the bend radius required by SAE.

For the first time, our laylines will now indicate when a hose exceeds the SAE bend radius requirement. This improvement in bend means easier routing, better performance and reduced hose length requirements.

Fitting info

As part of this layline refresh, all of Danfoss' rubber hydraulic hoses will now utilize the simple, intuitive MatchMate hose & fitting system.

Braided



Spiral



Winner™ by Danfoss hoses

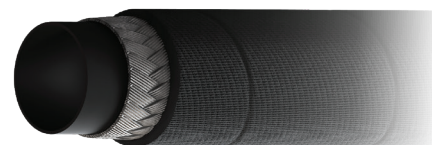
Winner hoses: The choice when **every job** matters.

Reliability and performance are essential, every day, for every project. Winner™ by Danfoss hose is the go-to everyday hose when every job matters. Designed specifically for less extreme applications that still need critical hose certifications, Winner hose fills the gap for more moderate applications.



EC115

Hydraulic hose
Meets: EN 857 Type 1SC



Layline Example:

Winner by Danfoss **EC115-08** 12.7 MM (0.50 IN) DN12 | EN857 1SC • MSHA IC-84/41 DNV-GL • USCG | 160 BAR (2300 PSI) | -40°C to +100°C (-40°F to +212°F) | 1A • Z 2PC • 1R

Construction: Inner Tube: Synthetic rubber Reinforcement: 1 steel braid Cover: Synthetic rubber

PART	SIZE DIMENSIONS				PRESSURE				BEND		WEIGHT	
#	Hose I.D.		Hose O.D. (nominal)		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft
EC115-04	6.4	0.25	12.6	0.50	225	3,250	900	13,000	50	1.97	0.18	0.12
EC115-06	9.5	0.38	16.0	0.63	180	2,600	720	10,400	63	2.48	0.26	0.17
EC115-08	12.7	0.50	19.4	0.77	160	2,300	640	9,200	90	3.54	0.34	0.23
EC115-10	15.9	0.62	22.4	0.88	130	1,900	520	7,600	100	3.94	0.42	0.28
EC115-12	19.0	0.75	26.0	1.02	105	1,525	420	6,100	120	4.72	0.50	0.34
EC115-16	25.4	1.00	33.8	1.33	88	1,275	352	5,100	160	6.30	0.74	0.50
EC115-20	31.8	1.25	41.2	1.62	63	925	252	3,700	210	8.27	0.99	0.67
EC115-24	38.1	1.50	48.0	1.89	50	725	200	2,900	300	11.81	1.20	0.81
EC115-32	50.8	2.00	61.0	2.41	40	580	160	2,320	400	15.75	1.50	1.01

Operating Temperature: -40°C to +100°C (-40°F to +212°F)

Fittings: 1A/Z-Series | Two-piece Winner | 1R Field Attachable

Typical Application:

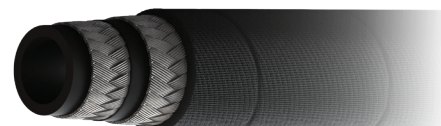
Hydraulic system service with petroleum and water based fluids, for general industrial service.

Agency Specifications:

MSHA Approved
DNV-GL
USCG

EC215

Hydraulic hose
Meets: EN 857 Type 2SC



Layline Example:

Winner by Danfoss **EC215-06** 9.5 mm (0.38 in) DN10 | EN857 2SC • ISO 18752 MSHA IC-84/41 • DNV-GL • USCG+ | 345 BAR (5000 PSI) | -40°C to +100°C (-40°F to +212°F) | Half Bend | 1A • Z 2R • 2PC

Construction: Inner Tube: Synthetic rubber Reinforcement: 2 steel braid Cover: Synthetic rubber

PART	SIZE DIMENSIONS				PRESSURE				BEND		WEIGHT	
#	Hose I.D.		Hose O.D. (nominal)		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft
EC215-04	6.4	0.25	13.5	0.53	400	5,800	1,600	23,200	50	1.97	0.28	0.19
EC215-06	9.5	0.38	17.5	0.69	345	5,000	1,380	20,000	65	2.56	0.41	0.28
EC215-08	12.7	0.50	20.8	0.82	275	4,000	1,100	16,000	90	3.54	0.57	0.38
EC215-10	15.9	0.62	24.0	0.94	250	3,650	1,000	14,600	100	3.94	0.68	0.46
EC215-12	19.0	0.75	27.9	1.10	215	3,125	860	12,500	120	4.72	0.81	0.54
EC215-16	25.4	1.00	35.7	1.40	165	2,400	660	9,600	160	6.30	1.17	0.79
EC215-20	31.8	1.25	43.9	1.73	125	1,800	500	7,200	250	9.84	1.56	1.05
EC215-24	38.1	1.50	51.0	2.01	100	1,450	400	5,800	300	11.81	1.81	1.22
EC215-32	50.8	2.00	63.4	2.50	90	1,300	360	5,200	400	15.75	2.36	1.59

Operating Temperature: -40°C to +100°C (-40°F to +212°F)

Fittings: 1A/Z-Series | Two-piece Winner | 2R Field Attachable

Typical Application:

Hydraulic system service with petroleum and water based fluids, for general industrial service.

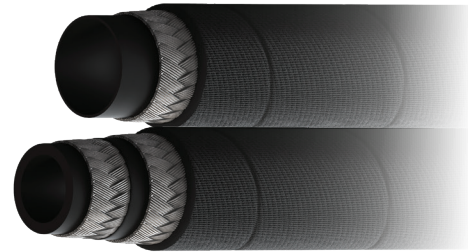
Agency Specifications:

MSHA Approved
DNV-GL
USCG

Winner braided hose / suction & return hose

EC118 Hydraulic hose

Meets: SAE 100R17



Layline Example:

Winner by Danfoss **EC118-08**

12.7 mm (0.50 in)
DN12

SAE 100R17 • ISO 18752
MSHA IC-84/41 • USCG

210 BAR (3050 PSI)

-40°C to +100°C
-40°F to +212°F

1A • Z
2PC

Construction: Inner Tube: Synthetic rubber Reinforcement: 1 wire braid: -04, -06, -08; 2 wire braid: -10, -12, -16 Cover: Synthetic rubber

PART #	SIZE DIMENSIONS				PRESSURE				BEND		WEIGHT	
	Hose I.D.		Hose O.D. (nominal)		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft
EC118-04	6.4	0.25	12.2	0.48	210	3,050	840	12,200	50.8	2.00	0.18	0.12
EC118-06	9.5	0.38	15.5	0.61	210	3,050	840	12,200	63.5	2.50	0.27	0.18
EC118-08	12.7	0.50	19.0	0.75	210	3,050	840	12,200	88.9	3.50	0.36	0.24
EC118-10	15.9	0.62	23.8	0.94	210	3,050	840	12,200	101.6	4.00	0.69	0.46
EC118-12	19.0	0.75	27.7	1.09	210	3,050	840	12,200	120.7	4.75	0.81	0.54
EC118-16	25.4	1.00	36.0	1.42	210	3,050	840	12,200	152.4	6.00	1.21	0.81

Typical Application:

Low and medium pressure hydraulic systems with petroleum and water-based fluids

Construction equipment and agriculture equipment

Agency Specifications:

MSHA Approved
USCG

Operating Temperature: -40°C to +100°C (-40°F to +212°F)

Fittings: 1A/Z-Series | Two-piece Winner

WH004 Suction & return hose

Meets: SAE 100R4



Layline Example:

Winner by Danfoss **WH004-12**

19 mm (0.75 in)
DN19

Exceeds SAE 100R4 Performance
MSHA IC-261/5

21 BAR (305 PSI)

-40°C to +100°C
-40°F to +212°F

1A • Z
1G • 2 pc

Construction: Inner Tube: Oil resistant NBR Reinforcement: Textile with helical and anti-static wire Cover: Abrasion Resistant Synthetic rubber

PART	SIZE DIMENSIONS				PRESSURE				BEND		VACUUM		WEIGHT	
#	Hose I.D.		Hose O.D. (nominal)		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Vacuum		Weight	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	kPa	in/Hg	kg/m	lbs/ft
WH004-12	19.0	0.75	30.0	1.18	21	305	84	1,220	40	1.57	94.8	28	0.54	0.36
WH004-16	25.4	1.00	36.2	1.43	17	245	68	980	45	1.77	94.8	28	0.68	0.46
WH004-20	31.8	1.25	43.0	1.69	14	205	56	820	60	2.36	94.8	28	0.85	0.57
WH004-24	38.1	1.50	50.2	1.98	10.5	150	42	600	65	2.56	94.8	28	1.20	0.81
WH004-32	50.8	2.00	63.2	2.49	7	100	28	400	100	3.94	94.8	28	1.53	1.03
WH004-40	53.5	2.50	76.7	3.02	4	60	16	240	140	5.51	94.8	28	2.05	1.38
WH004-48	76.2	3.00	89.4	3.52	4	60	16	240	180	7.09	94.8	28	2.62	1.76

Typical Application:

Suitable for use in suction applications for hydraulics, crude fuel, lubricating oils, gasoline, air, water and chemical transfer

Agency Specifications:

SAE 100R4
MSHA IC-261/5

Operating Temperature: -40° C to +100° C (-40° to +212° F)

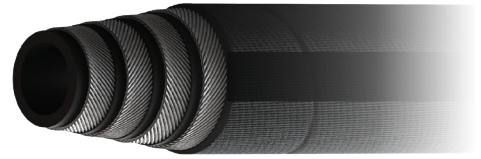
Fittings: 1A/Z Series and 1G: -12, -16, -20, -24 and -32 | 4T Optimum & Winner 2 pc Series: -12 and -16

Hose barb with band clamps: -12 thru -48 with a reduced operating pressure rating of 4 bar (60 psi)

EC415

Hydraulic hose

Meets: SAE 100R12



Layline example:

Winner by Danfoss **EC415-08**12.7 mm (0.50 in)
DN12SAE 100R12 • EN856 R12 • ISO 18752
MSHA IC-84/41 • USCG

280 BAR (4050 PSI)

-40°C to +121°C
-40°F to +250°F

Half Bend

4S

Construction: Inner Tube: Synthetic rubber Reinforcement: 4 wire spiral Cover: Synthetic rubber

PART #	SIZE DIMENSIONS				PRESSURE				BEND		WEIGHT	
	Hose I.D.		Hose O.D. (nominal)		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft
EC415-06	9.5	0.38	20.3	0.80	280	4,050	1,120	16,200	63	2.48	0.60	0.40
EC415-08	12.7	0.50	23.8	0.94	280	4,050	1,120	16,200	90	3.54	0.74	0.50
EC415-10	15.9	0.62	27.7	1.09	280	4,050	1,120	16,200	100	3.94	1.03	0.69
EC415-12	19.0	0.75	30.7	1.21	280	4,050	1,120	16,200	120	4.72	1.16	0.78
EC415-16	25.4	1.00	38.0	1.50	280	4,050	1,120	16,200	150	5.91	1.76	1.18
EC415-20	31.8	1.25	47.0	1.85	210	3,050	840	12,200	210	8.27	2.46	1.65
EC415-24	38.1	1.50	53.5	2.11	207	3,000	827	12,000	250	9.84	2.87	1.92
EC415-32	50.8	2.00	66.7	2.63	207	3,000	827	12,000	320	12.60	4.03	2.70

Typical Application:

Hydraulic systems service with petroleum and water based fluids, for general use.

Agency Specifications:

MSHA Approved
USCG

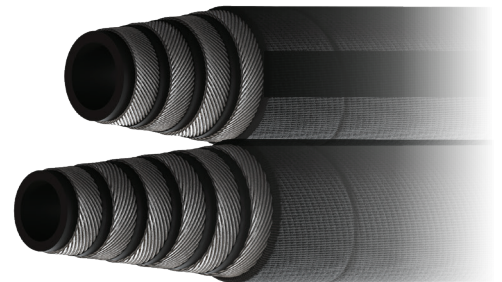
Operating Temperature: -40°C to +121°C (-40°F to +250°F)

Fittings: 4S Series

EC420

Hydraulic hose

Meets: SAE 100R13



Layline Example:

Winner by Danfoss **EC420-12**19 mm (0.75 in)
DN11SAE 100R13 • EN856 R13 • ISO 18752
MSHA IC-84/41 • USCG

350 BAR (5100 PSI)

-40°C to +121°C
-40°F to +250°F

Half Bend

4S

Construction: Inner Tube: Synthetic rubber Reinforcement: 4 wire spiral: -12, -16; 6 wire spiral: -20 to -32 Cover: Synthetic rubber

PART #	SIZE DIMENSIONS				PRESSURE				BEND		WEIGHT	
	Hose I.D.		Hose O.D. (nominal)		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft
EC420-12	19.0	0.75	32.1	1.27	350	5,100	1,400	20,400	120	4.72	1.54	1.03
EC420-16	25.4	1.00	38.7	1.53	350	5,100	1,400	20,400	150	5.91	2.01	1.35
EC420-20	31.8	1.25	49.8	1.96	350	5,100	1,400	20,400	210	8.27	3.78	2.54
EC420-24	38.1	1.50	57.3	2.26	350	5,100	1,400	20,400	250	9.84	4.73	3.18
EC420-32	50.8	2.00	71.6	2.82	350	5,100	1,400	20,400	320	12.60	6.26	4.21

Typical Application:

Suitable for use in hydraulic systems with high peak pressures and arduous operating conditions.

Agency Specifications:

MSHA Approved
USCG

Operating Temperature: -12, -20, -24, And -32: -40°C To +121°C (-40°F to +250°F)
-16: -40°C To +100°C (-40°F To +212°F)

Fittings: 4S/6S Series

Standard and premium fittings - the **right** product for every **application**

Braided or spiral, premium or standard, there is a Danfoss fitting for your application.

Braided Hose Fittings	Features:
Premium 1A / Z-series 	• New Dura-Kote™ plating technology for up to 1,000 hours of corrosion resistance • Bite the wire technology for best in class connection and sealing • Class zero leakage SAE J1176 on approved hose styles • Over 550 1A Series part numbers available • Danfoss' MatchMate® program provides identification markings on the hose, hose fittings, and crimp dies for quick and easy assembly
Standard Two-piece Winner 	• Non-skive, two-piece crimp fitting • One nipple part number for EC115, EC215 and EC118 standard hoses • Meets industry specifications when used with the EC115, EC215 and EC118 standard hoses • Clear silver hexavalent chromium-free plating • Carbon steel material
Spiral Hose Fittings	Features:
Premium 4S/6S Spiral Series 	• New Dura-Kote plating technology for up to 1,000 hours of corrosion resistance • New patent pending Dura-Seal™ technology to eliminate hose assembly cool-down leakage • Class zero leakage SAE J1176 on approved hose styles • Danfoss' MatchMate spiral-hose/fitting identification system program provides identification markings on the hose, hose fittings, and crimp dies for quick and easy assembly
Reusable Hose Fittings	Features:
Premium Reusable 	• New Dura-Kote plating technology for up to 1,000 hours of corrosion resistance • Engineered to provide peak performance with Danfoss' core braided hose products • Can be assembled in the field without special tooling • Reduced downtime • Quick repair

Dura-Kote and Dura-Seal technology **extends the life** of your hose assembly



3X Carbon Steel
Corrosion Protection

Dura-Kote Plating Technology

Hose fittings that will now offer 3x the corrosion protection on carbon steel fittings as compared to competitive hose fittings. Danfoss' Dura-Kote fittings provide up to 1000 hours of corrosion protection. This is a huge step forward in metal fitting corrosion protection. (Only on TTC/Z-Series and 4S/6S fittings)



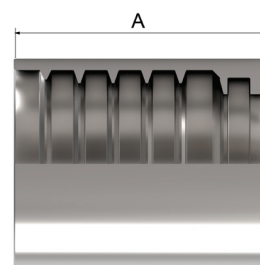
4S/6S Fitting

Class 0 Cool-Down Leakage
Protection

Dura-Seal™ Technology

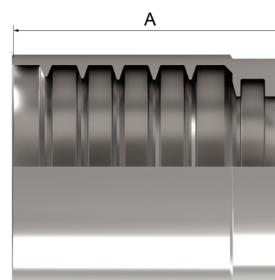
This patent-pending innovation from Danfoss eliminates hose assembly cool-down leakage, while extending hose assembly life, reducing equipment down-time. (Only on 4S/6S fittings)





00110 Crimp Socket 1-wire

PART	HOSE SIZE INFO		DIMENSIONS				WEIGHT	
#	DN	Dash Size	A		OD		Weight	
			mm	in	mm	in	kg	lb
00110-04ANZF	6	-04	27,5	1.08	21.0	0.83	0.03	0.07
00110-06ANZF	10	-06	30,0	1.18	24.3	0.96	0.04	0.08
00110-08ANZF	12	-08	34,0	1.34	28.0	1.10	0.05	0.10
00110-10ANZF	16	-10	37,0	1.46	31.3	1.23	0.06	0.13
00110-12ANZF	20	-12	42,0	1.65	28.7	1.13	0.08	0.17
00110-16ANZF	25	-16	51,0	2.01	43.5	1.71	0.13	0.28

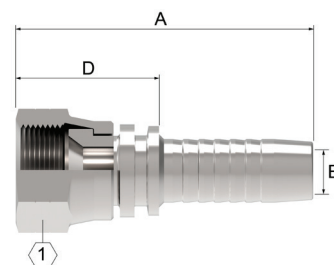


03310 Crimp Socket 2-wire

PART		HOSE SIZE INFO		DIMENSIONS				WEIGHT	
#	DN	Dash Size	A		OD		Weight		
			mm	in	mm	in	kg	lb	
03310-04NZF	6	-04	30.5	1.20	23.0	0.91	0.04	0.09	
03310-06NZF	10	-06	32.0	1.26	26.0	1.02	0.04	0.09	
03310-08NZF	12	-08	34.0	1.34	29.0	1.14	0.05	0.10	
03310-10ANZF	16	-10	35.0	1.38	34.5	1.36	0.06	0.14	
03310-12NZF	20	-12	42.0	1.65	37.0	1.46	0.08	0.18	
03310-16NZF	25	-16	52.0	2.05	46.7	1.84	0.15	0.33	

26711 Female JIC/SAE 37° Swivel

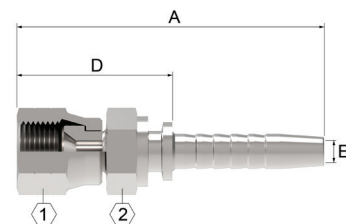
For use with hose: EC115, EC215 and EC118



PART		HOSE SIZE INFO			DIMENSIONS							WEIGHT	
#	Terminal End	Thread	Hose Size		A	D Cut Off Factor			E Ø	1		Weight	
	Dash Size		DN	Dash Size	mm	in	mm	in	mm	in	mm	kg	lb
26711-04-04ZF	-04	7/16"-20	6	-04	43.0	1.69	15.0	0.59	4.0	0.16	14	0.020	0.044
26711-06-04ZF	-06	9/16"-18	6	-04	43.5	1.71	15.5	0.61	4.0	0.16	19	0.032	0.071
26711-06-06ZF	-06	9/16"-18	10	-06	45.5	1.79	15.5	0.61	7.0	0.28	19	0.037	0.082
26711-08-06ZF	-08	3/4"-16	10	-06	47.5	1.87	17.5	0.69	7.0	0.28	22	0.054	0.119
26711-08-08ZF	-08	3/4"-16	12	-08	50.0	1.97	18.5	0.73	9.9	0.39	22	0.060	0.132
26711-10-08ZF	-10	7/8"-14	12	-08	50.5	1.99	19.0	0.75	10.0	0.39	27	0.090	0.198
26711-10-10ZF	-10	7/8"-14	16	-10	53.5	2.11	19.5	0.77	12.0	0.47	27	0.100	0.220
26711-12-12ZF	-12	1 1/16"-12	20	-12	60.0	2.36	21.5	0.85	15.0	0.59	32	0.130	0.287
26711-16-16ZF	-16	1 5/16"-12	25	-16	70.0	2.76	23.0	0.91	21.0	0.83	41	0.210	0.463

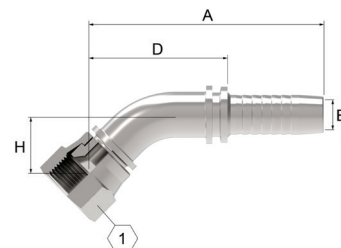
26711D Female JIC/SAE 37° Swivel*

For use with hose: EC115, EC215 and EC118



Part	Hose Size Info			Dimensions								Weight		
#	Terminal End	Thread	Hose Size		A		D Cut Off Factor		E Ø				Weight	
	Dash Size		DN	Dash Size	mm	in	mm	in	mm	in	mm	mm	kg	lb
26711D-04-04ZF	-04	7/16"-20	6	-04	57.0	2.24	29.0	1.14	4.0	0.16	14	14	0.03	0.07
26711D-06-04ZF	-06	9/16"-18	6	-04	59.0	2.32	31.0	1.22	3.9	0.15	19	19	0.04	0.10
26711D-06-06ZF	-06	9/16"-18	10	-06	61.0	2.40	31.0	1.22	6.9	0.27	19	19	0.05	0.10
26711D-08-06ZF	-08	3/4"-16	10	-06	66.0	2.60	36.0	1.42	6.9	0.27	22	22	0.08	0.18
26711D-08-08ZF	-08	3/4"-16	12	-08	67.0	2.64	35.5	1.40	9.8	0.38	22	22	0.08	0.17
26711D-10-08ZF	-10	7/8"-14	12	-08	70.5	2.78	39.0	1.54	9.9	0.39	27	27	0.10	0.23
26711D-10-10ZF	-10	7/8"-14	16	-10	61.0	2.40	27.0	1.06	12.0	0.47	27	27	0.12	0.26
26711D-12-10ZF	-12	1 1/16"-12	16	-10	79.5	3.13	45.5	1.79	11.9	0.47	32	32	0.18	0.39
26711D-12-12ZF	-12	1 1/16"-12	20	-12	84.5	3.33	46.0	1.81	14.9	0.59	32	32	0.19	0.41
26711D-12-16ZF	-12	1 3/16"-12	25	-16	95.0	3.74	48.0	1.89	20.9	0.82	32	36	0.23	0.50
26711D-16-12ZF	-16	1 5/16"-12	20	-12	86.6	3.41	48.1	1.89	14.9	0.59	41	41	0.30	0.65
26711D-16-16ZF	-16	1 5/16"-12	25	-16	96.7	3.81	49.7	1.96	20.9	0.82	41	41	0.32	0.71

*Note: This part has a backup hex.



26741 Female JIC/SAE 37° Swivel 45° Elbow

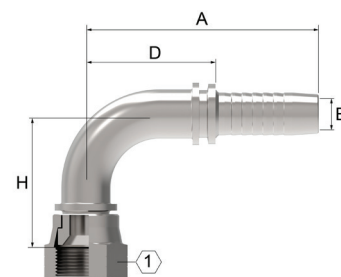
For use with hose: EC115, EC215 and EC118

PART		HOSE SIZE INFO			DIMENSIONS									WEIGHT	
#	Terminal End	Thread	Hose Size		A		D Cut Off Factor		E Ø		H			Weight	
	Dash Size		DN	Dash Size	mm	in	mm	in	mm	in	mm	in	mm	kg	lb
26741-04-04ZF	-04	7/16"-20	6	-04	63.1	2.48	35.1	1.38	4.0	0.16	13.0	0.51	14	0.035	0.077
26741-06-06ZF	-06	9/16"-18	10	-06	68.8	2.71	38.8	1.53	7.0	0.28	14.8	0.58	19	0.062	0.137
26741-08-08ZF	-08	3/4"-16	12	-08	76.8	3.02	45.3	1.78	10.0	0.39	19.0	0.75	22	0.105	0.231
26741-10-10ZF	-10	7/8"-14	16	-10	88.4	3.48	54.4	2.14	12.0	0.47	22.1	0.87	27	0.146	0.322
26741-12-12ZF	-12	1.1/16"-12	20	-12	97.8	3.85	59.3	2.33	15.0	0.59	24.2	0.95	32	0.240	0.529
26741-16-16ZF	-16	1.5/16"-12	25	-16	121.3	4.78	74.3	2.93	21.0	0.83	28.7	1.13	41	0.400	0.882
26741-04-04H10ZF	-04	7/16"-12	6	-04	59.0	2.32	31.0	1.22	3.9	0.15	10.0	0.39	14	0.01	0.01
26741-06-04H11ZF	-06	9/6"-18	6	-04	60.0	2.36	3.02	1.26	3.9	0.15	11.0	0.43	19	0.01	0.02
26741-06-06H11ZF	-06	9/6"-18	10	-06	65.7	2.59	35.7	1.41	6.9	0.27	11.0	0.43	19	0.05	0.11
26741-08-06TZF	-08	3/4"-16	10	-06	70.4	2.77	40.4	1.59	6.9	0.27	15.0	0.59	22	0.07	0.15
26741-08-08H15ZF	-08	3/4"-16	12	-08	78.9	3.11	47.4	1.87	9.9	0.39	15.0	0.59	22	0.07	0.16
26741-10-10H16ZF	-10	7/8"-14	16	-10	87.4	3.44	53.4	2.10	11.9	0.47	16.0	0.63	27	0.12	0.26
26741-12-12H21ZF	-12	1 1/16"-12	20	-12	95.4	3.76	56.9	2.24	14.9	0.59	21.0	0.83	32	0.19	0.42
26741-16-16H24ZF	-16	1 5/16"-12	25	-16	119.47	4.7	72.47	2.85	20.9	0.82	24.0	0.94	41	0.36	0.80

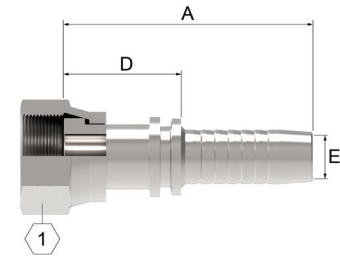
26791

Female JIC/SAE 37° Swivel 90° Elbow

For use with hose: EC115, EC215 and EC118



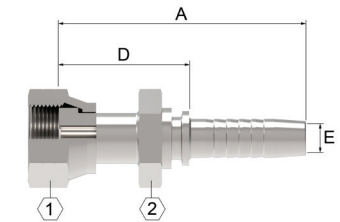
PART		HOSE SIZE INFO			DIMENSIONS								WEIGHT		
#	Terminal End	Thread	Hose Size		A		D Cut Off Factor		E Ø		H			Weight	
	Dash Size		DN	Dash Size	mm	in	mm	in	mm	in	mm	in	mm	kg	lb
26791-04-04ZF	-04	7/16"-20	6	-04	58.0	2.28	30.0	1.18	4.0	0.16	26.3	1.04	14	0.040	0.088
26791-06-04ZF	-06	9/16"-18	6	-04	58.0	2.28	30.0	1.18	4.0	0.16	27.0	1.06	19	0.048	0.106
26791-06-06ZF	-06	9/16"-18	10	-06	64.5	2.54	34.5	1.36	7.0	0.28	31.5	1.24	19	0.070	0.154
26791-08-08ZF	-08	3/4"-16	12	-08	71.0	2.80	39.5	1.56	10.0	0.39	40.0	1.57	22	0.118	0.260
26791-10-08ZF	-10	7/8"-14	12	-08	71.0	2.80	39.5	1.56	10.0	0.39	42.0	1.65	27	0.132	0.291
26791-10-10ZF	-10	7/8"-14	16	-10	83.0	3.27	49.0	1.93	12.0	0.47	47.5	1.87	27	0.190	0.419
26791-12-12ZF	-12	1.1/16"-12	20	-12	93.0	3.66	54.5	2.15	15.0	0.59	53.5	2.11	32	0.300	0.661
26791-16-16ZF	-16	1.5/16"-12	25	-16	118.0	4.65	71.0	2.80	21.0	0.83	66.1	2.60	41	0.460	1.014
26791-04-04H21ZF	-04	7/16"-20	6	-04	55.3	2.18	27.3	1.07	3.9	0.15	21.0	0.83	14	0.03	0.06
26791-06-04H23ZF	-06	9/16"-18	6	-04	55.3	2.18	27.3	1.07	3.9	0.15	23.0	0.91	19	0.04	0.09
26791-06-06H23ZF	-06	9/16"-18	10	-06	61.8	2.43	31.8	1.25	6.9	0.27	23.0	0.91	19	0.05	0.11
26791-06-06H54ZF	-06	9/16"-18	10	-06	64.5	2.54	34.5	1.36	6.9	0.27	54.0	2.13	19	0.08	0.17
26791-08-06H29ZF	-08	3/4"-16	10	-06	68.5	2.7	38.5	1.52	6.9	0.27	29.0	1.14	22	0.08	0.17
26791-08-08H29ZF	-08	3/4"-16	12	-08	78.5	3.09	47.0	1.85	9.9	0.39	29.0	1.14	22	0.08	0.18
26791-10-08H32ZF	-10	7/8"-14	12	-08	76.0	2.99	44.5	1.75	9.9	0.39	32.0	1.26	27	0.11	0.25
26791-10-10H32ZF	-10	7/8"-14	16	-10	83.5	3.29	49.5	1.95	11.9	0.47	32.0	1.26	27	0.12	0.27
26791-12-10H48ZF	-12	1 1/16"-12	16	-10	83.0	3.27	49.0	1.93	11.9	0.47	48.0	1.89	32	0.21	0.46
26791-12-10H96ZF	-12	1 1/16"-12	16	-10	83.0	3.27	49.0	1.93	12.0	0.47	96.0	3.78	32	0.26	0.58
26791-12-12H48ZF	-12	1 1/16"-12	20	-12	92.8	3.65	54.3	2.14	14.9	0.59	48.0	1.89	32	0.22	0.49
26791-12-12H96ZF	-12	1 1/16"-12	20	-12	93.0	3.66	54.5	2.15	14.9	0.59	96.0	3.78	32	0.33	0.72
26791-16-16H56ZF	-16	1 5/16"-12	25	-16	118.3	4.66	71.3	2.81	20.9	0.82	56.0	2.2	41	0.48	1.06



24211 Female ORS Swivel

For use with hose: EC115, EC215 and EC118

PART		HOSE SIZE INFO			DIMENSIONS							WEIGHT	
#	Terminal End	Thread	Hose Size		A	D Cut Off Factor			E Ø			Weight	
	Dash Size		DN	Dash Size	mm	in	mm	in	mm	in	mm	kg	lb
24211-04-04ZF	-04	9/16"x18	6	-04	50.5	1.99	22.5	0.89	4.0	0.16	17	0.034	0.075
24211-06-06ZF	-06	11/16"x16	10	-06	55.5	2.19	25.5	1.00	7.0	0.28	22	0.055	0.121
24211-08-08ZF	-08	13/16"x16	12	-08	59.5	2.34	28.0	1.10	10.0	0.39	27	0.086	0.190
24211-10-10ZF	-10	1"x14	16	-10	67.0	2.64	33.0	1.30	12.0	0.47	30	0.120	0.265
24211-12-12ZF	-12	1.3/16"x12	20	-12	73.5	2.89	35.0	1.38	15.0	0.59	36	0.195	0.430
24211-16-16TZF	-16	1.7/16"x12	25	-16	82.0	3.23	35.0	1.38	21.0	0.83	41	0.260	0.573

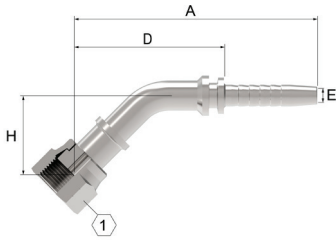


24211D Female ORS Swivel*

For use with hose: EC115, EC215 and EC118

PART		HOSE SIZE INFO			DIMENSIONS								WEIGHT	
#	Terminal End	Thread	Hose Size		A		D Cut Off Factor		E Ø				Weight	
	Dash Size		DN	Dash Size	mm	in	mm	in	mm	in	mm	mm	kg	lb
24211D-04-04ZF	-04	9/16"-18	6	-04	56.0	2.20	28.0	1.10	4.00	0.16	19	17	0.04	0.09
24211D-06-04ZF	-06	11/16"-16	6	-04	60.5	2.38	32.5	1.28	4.00	0.16	22	22	0.07	0.15
24211D-06-06ZF	-06	11/16"-16	10	-06	63.5	2.50	33.5	1.32	7.00	0.28	22	22	0.08	0.17
24211D-06-08ZF	-06	11/16"-16	12	-08	65.5	2.58	34.0	1.34	10.0	0.39	22	22	0.09	0.19
24211D-08-06ZF	-08	13/16"-16	10	-06	65.5	2.58	35.5	1.40	7.00	0.28	24	24	0.11	0.24
24211D-08-08ZF	-08	13/16"-16	12	-08	67.5	2.66	36.0	1.42	10.0	0.39	24	24	0.11	0.24
24211D-08-10ZF	-08	13/16"-16	16	-10	71.0	2.80	37.0	1.46	11.9	0.47	24	24	0.13	0.29
24211D-10-08SMZF	-10	1"-14	12	-08	70.0	2.76	38.5	1.52	10.0	0.39	24	30	0.14	0.30
24211D-10-08ZF	-10	1"-14	12	-08	72.5	2.85	41.0	1.61	9.90	0.39	30	30	0.17	0.36
24211D-10-10SMZF	-10	1"-14	16	-10	74.0	2.91	39.0	1.54	11.5	0.45	24	30	0.16	0.35
24211D-10-10ZF	-10	1"-14	16	-10	76.0	2.99	42.0	1.65	11.9	0.47	30	30	0.18	0.39
24211D-10-12ZF	-10	1"-14	20	-12	81.5	3.21	43.0	1.69	15.0	0.59	30	30	0.20	0.44
24211D-12-08ZF	-12	1 3/16"-12	12	-08	75.8	2.98	44.3	1.74	9.90	0.39	36	36	0.25	0.56
24211D-12-10ZF	-12	1 3/16"-12	16	-10	79.5	3.13	45.5	1.79	11.9	0.47	36	36	0.26	0.56
24211D-12-12ZF	-12	1 3/16"-12	20	-12	84.0	3.31	45.5	1.79	14.9	0.59	36	36	0.26	0.58
24211D-12-16ZF	-12	1 3/16"-12	25	-16	93.5	3.68	46.5	1.83	20.9	0.82	36	36	0.29	0.65
24211D-16-12ZF	-16	1 7/16"-12	20	-12	86.5	3.41	48.0	1.89	14.9	0.59	41	41	0.33	0.73
24211D-16-16ZF	-16	1 7/16"-12	25	-16	96.0	3.78	49.0	1.93	20.9	0.82	41	41	0.36	0.78

*Note: This part has a backup hex.

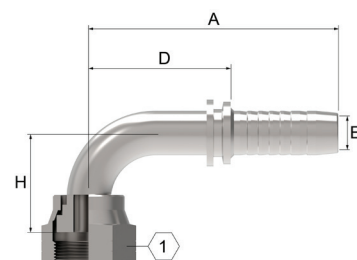


24241 Female ORS Swivel 45° Elbow
For use with hose: EC115, EC215 and EC118

Part	Hose Size Info			Dimensions										Weight	
#	Terminal End	Thread	Hose Size	A		D Cut Off Factor		E Ø		H			Weight		
	Dash Size		DN	Dash Size	mm	in	mm	in	mm	in	mm	in	mm	kg	lb
24241-04-04H10ZF	-04	9/16"-18	6	-04	59.5	2.34	34.5	1.36	3.9	0.15	10	0.39	17	0.03	0.07
24241-04-06H10ZF	-04	9/16"-18	10	-06	66.9	2.63	36.9	1.45	7.0	0.28	10	0.39	17	0.04	0.09
24241-06-04H11TZF	-06	11/16"-16	6	-04	63.5	2.50	35.5	1.40	3.9	0.15	11	0.43	22	0.06	0.13
24241-06-06H11ZF	-06	11/16"-16	10	-06	64.9	2.56	34.9	1.37	7.0	0.28	11	0.43	22	0.06	0.12
24241-08-06H15TZF	-08	13/16"-16	10	-06	71.3	2.81	41.3	1.63	6.9	0.27	15	0.59	24	0.08	0.17
24241-08-08H15ZF	-08	13/16"-16	12	-08	80.9	3.19	49.4	1.94	9.9	0.39	15	0.59	24	0.11	0.24
24241-10-08H16TZF	-10	1"-14	12	-08	82.4	3.24	50.9	2.00	10.0	0.39	16	0.63	30	0.15	0.34
24241-10-10H16ZF	-10	1"-14	16	-10	86.6	3.41	52.6	2.07	11.9	0.47	16	0.63	30	0.14	0.30
24241-12-12H21ZF	-12	1 3/16"-12	20	-12	106.9	4.21	68.4	2.69	14.9	0.59	21	0.83	36	0.29	0.64
24241-16-16H24TZF	-16	1 7/16"-12	25	-16	123.4	4.86	76.4	3.01	20.9	0.82	24	0.94	41	0.36	0.80

24291 Female ORS Swivel 90° Elbow

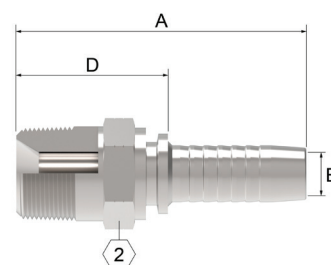
For use with hose: EC115, EC215 and EC118



PART		HOSE SIZE INFO			DIMENSIONS								WEIGHT			
#	Terminal End	Thread	Hose Size		A		D Cut Off Factor		E Ø		H			Weight		
Dash Size				DN	Dash Size	mm	in	mm	in	mm	in	mm	in	mm	kg	lb
24291-04-04ZF		-04	9/16"×18	6	-04	58.0	2.28	30.0	1.18	4.0	0.16	41.0	1.61	17	0,052	0.115
24291-06-06ZF		-06	11/16"×16	10	-06	65.3	2.57	35.3	1.39	7.0	0.28	42.5	0.17	22	0,090	0.198
24291-08-08ZF		-08	13/16"×16	12	-08	72.5	2.85	41.0	1.61	10.0	0.39	57.5	2.26	27	0,145	0.320
24291-10-10ZF		-10	1"×14	16	-10	90.0	3.54	56.0	2.20	12.0	0.47	66.0	2.60	30	0,235	0.518
24291-12-12ZF		-12	1.3/16"×12	20	-12	104.0	4.09	65.5	2.58	15.0	0.59	77.0	3.03	36	0,390	0.860
24291-16-16TZF		-16	1.7/16"×12	25	-16	123.9	4.88	76.9	3.03	21.0	0.83	67.5	2.66	41	0,504	1.111
24291-04-04H21ZF		-04	9/16"-18	6	-04	59.5	2.34	31.5	1.24	4.0	0.16	21.0	0.83	17	0.04	0.08
24291-06-04H23TZF		-06	11/16"-16	6	-04	59.5	2.34	31.5	1.24	3.9	0.15	23.0	0.91	22	0.06	0.13
24291-06-04H38TZF		-06	11/16"-16	6	-04	58.0	2.28	30.0	1.18	3.9	0.15	38.0	1.50	22	0.07	0.15
24291-06-04H54TZF		-06	11/16"-16	6	-04	58.0	2.28	30.0	1.18	3.9	0.15	54.0	2.13	22	0.08	0.17
24291-06-06H23ZF		-06	11/16"-16	10	-06	64.5	2.54	34.5	1.36	7.0	0.28	23.0	0.91	22	0.06	0.12
24291-06-06H38ZF		-06	11/16"-16	10	-06	66.0	2.60	36.0	1.42	6.9	0.27	38.0	1.50	22	0.07	0.16
24291-06-06H54ZF		-06	11/16"-16	10	-06	65.3	2.57	35.3	1.39	7.0	0.28	54.0	2.13	22	0.08	0.17
24291-06-08H23ZF		-06	11/16"-16	12	-08	72.9	2.87	41.4	1.63	9.9	0.39	23.0	0.91	22	0.08	0.17
24291-08-06H29TZF		-08	13/16"-16	10	-06	66.0	2.60	36.0	1.42	7.0	0.28	29.0	1.14	24	0.08	0.18
24291-08-08H29ZF		-08	13/16"-16	12	-08	73.0	2.87	41.5	1.63	9.0	0.35	29.0	1.14	24	0.10	0.21
24291-08-08H41ZF		-08	13/16"-16	12	-08	79.0	3.11	47.5	1.87	9.9	0.39	41.0	1.61	24	0.13	0.28
24291-08-08H64ZF		-08	13/16"-16	12	-08	72.5	2.85	41.0	1.61	9.9	0.39	64.0	2.52	24	0.15	0.34
24291-08-10H29ZF		-08	13/16"-16	16	10	86.7	3.41	52.7	2.07	11.9	0.47	29.0	1.14	24	0.13	0.28
24291-10-08H32TZF		-10	1"-14	12	-08	74.0	2.91	42.5	1.67	10.0	0.39	32.0	1.26	30	0.15	0.34
24291-10-08H47TZF		-10	1"-14	12	-08	72.5	2.85	41.0	1.61	9.9	0.39	47.0	1.85	30	0.17	0.37
24291-10-08H70TZF		-10	1"-14	12	-08	72.5	2.85	41.0	1.61	9.9	0.39	70.0	2.76	30	0.19	0.42
24291-10-10H32ZF		-10	1"-14	16	-10	83.5	3.29	49.5	1.95	12.0	0.47	32.0	1.26	30	0.14	0.32
24291-10-10H47ZF		-10	1"-14	16	-10	90.0	3.54	56.0	2.20	11.9	0.47	47.0	1.85	30	0.20	0.45
24291-10-10H70ZF		-10	1"-14	16	-10	90.0	3.54	56.0	2.20	12.0	0.47	70.0	2.76	30	0.24	0.54
24291-10-12H32ZF		-10	1"-14	20	-12	90.8	3.57	52.3	2.06	14.9	0.59	32.0	1.26	30	0.00	0.00
24291-12-10H48TZF		-12	1 3/16"-12	16	-10	90.0	3.54	56.0	2.20	12.0	0.47	48.0	1.89	36	0.26	0.58
24291-12-10H96TZF		-12	1 3/16"-12	16	-10	90.0	3.54	56.0	2.20	11.9	0.47	96.0	3.78	36	0.33	0.73
24291-12-12H48ZF		-12	1 3/16"-12	20	-12	106.0	4.17	67.5	2.66	14.9	0.59	48.0	1.89	36	0.31	0.68
24291-12-12H58ZF		-12	1 3/16"-12	20	-12	106.0	4.17	67.5	2.66	14.9	0.59	58.0	2.28	36	0.32	0.71
24291-12-12H96ZF		-12	1 3/16"-12	20	-12	104.0	4.09	65.5	2.58	14.9	0.59	96.0	3.78	36	0.46	1.01
24291-16-12H56TZF		-16	1 7/16	20	-12	104.0	4.09	65.5	2.58	14.9	0.59	56.0	2.20	41	0.41	0.90
24291-16-16H56TZF		-16	1 7/16"-12	25	-16	119.8	4.72	72.8	2.87	20.9	0.82	56.0	2.20	41	0.44	0.96
24291-16-16H114TZF		-16	1 7/16"-12	25	-16	123.9	4.88	76.9	3.03	20.0	0.79	114	4.49	41	0.64	1.41

15611 Male Pipe - NPTF

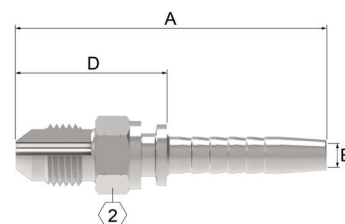
For use with hose: EC115, EC215 and EC118



PART		HOSE SIZE INFO			DIMENSIONS							WEIGHT	
#	Terminal End	Thread	Hose Size		A	D Cut Off Factor		E Ø		2		Weight	
	Dash Size		DN	Dash Size	mm	in	mm	in	mm	in	mm	kg	lb
15611-F02-04ZF	-02	1/8"x27	6	-04	50.5	1.99	22.5	0.89	4.0	0.16	12	0.015	0.033
15611-F04-04ZF	-04	1/4"x18	6	-04	56.0	2.20	28.0	1.10	4.0	0.16	17	0.030	0.066
15611-F04-06ZF	-04	1/4"x18	10	-06	57.5	2.26	27.5	1.08	7.0	0.28	17	0.032	0.070
15611-F06-06ZF	-06	3/8"x18	10	-06	59.0	2.32	29.0	1.14	7.0	0.28	19	0.048	0.106
15611-F08-06ZF	-08	1/2"x14	10	-06	64.0	2.52	34.0	1.34	7.0	0.28	22	0.068	0.150
15611-F08-08ZF	-08	1/2"x14	12	-08	66.0	2.60	34.5	1.36	10.0	0.39	22	0.075	0.165
15611-F12-12ZF	-12	3/4"x14	20	-12	77.0	3.03	38.5	1.52	15.0	0.59	27	0.130	0.286
15611-F16-16ZF	-16	1"x11.5	25	-16	93.5	3.68	46.5	1.83	21.0	0.83	36	0.230	0.506

16711 Male JIC/SAE 37°

For use with hose: EC115, EC215 and EC118

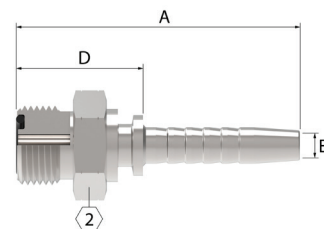


PART		HOSE SIZE INFO			DIMENSIONS							WEIGHT	
#	Terminal End	Thread	Hose Size		A	D Cut Off Factor		E Ø		2		Weight	
	Dash Size		DN	Dash Size	mm	in	mm	in	mm	in	mm	kg	lb
16711-06-04ZF	-06	9/16"x18	6	-04	54.5	2.15	26.5	1.04	4.00	0.16	17	0.03	0.07
16711-08-06ZF	-08	3/4"x16	10	-06	61.5	2.42	31.5	1.24	7.00	0.28	22	0.06	0.14
16711-08-08ZF	-08	3/4"x16	12	-08	63.5	2.50	32.0	1.26	9.90	0.39	22	0.06	0.13
16711-10-08ZF	-10	7/8"x14	12	-08	65.5	2.58	34.0	1.34	10.0	0.39	24	0.08	0.19
16711-10-10ZF	-10	7/8"x14	16	-10	69.0	2.72	35.0	1.38	12.0	0.47	24	0.09	0.20
16711-12-10ZF	-12	1 1/16"x12	16	-10	73.5	2.89	39.5	1.56	12.0	0.47	30	0.12	0.26
16711-16-12ZF	-16	1 5/16"x12	20	-12	81.5	3.21	43.0	1.69	15.0	0.59	36	0.19	0.42

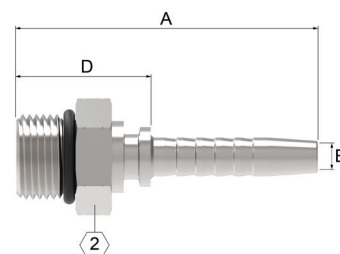
14211

Male ORS

For use with hose: EC115, EC215 and EC118



PART	HOSE SIZE INFO			DIMENSIONS							WEIGHT		
#	Terminal End	Thread	Hose Size		A		D Cut Off Factor		E Ø			Weight	
	Dash Size		DN	Dash Size	mm	in	mm	in	mm	in	mm	kg	lb
14211-06-04ZF	-06	11/16"-16	6	-04	52.0	2.05	24.0	0.94	3.9	0.15	19	0.04	0.08
14211-06-06ZF	-06	11/16"-16	10	-06	54.0	2.13	24.0	0.94	6.7	0.26	19	0.04	0.09
14211-08-06ZF	-08	13/16"-16	10	-06	57.5	2.26	27.5	1.08	7.0	0.28	22	0.06	0.13
14211-08-08ZF	-08	13/16"-16	12	-08	60.0	2.36	28.5	1.12	9.6	0.38	22	0.07	0.15
14211-10-08ZF	-10	1"-14	12	-08	64.0	2.52	32.5	1.28	10.0	0.39	27	0.11	0.24
14211-12-10ZF	-12	1 3/16"-12	16	-10	70.0	2.76	36.0	1.42	12.0	0.47	32	0.16	0.36
14211-12-12ZF	-12	1 3/16"-12	20	-12	75.0	2.95	36.5	1.44	15.0	0.59	32	0.17	0.38
14211-16-12ZF	-16	1 7/16"-12	20	-12	75.5	2.97	37.0	1.46	14.9	0.59	38	0.23	0.50



16011

Male Boss O-Ring

For use with hose: EC115, EC215 and EC118

PART		HOSE SIZE INFO			DIMENSIONS							WEIGHT	
#	Terminal End	Thread	Hose Size		A	D Cut Off Factor		E Ø			Weight		
	Dash Size		DN	Dash Size	mm	in	mm	in	mm	in	mm	kg	lb
16011-06-04ZF	-06	9/16"-18	6	-04	50.5	1.99	22.5	0.89	3.9	0.15	17	0.03	0.06
16011-06-06ZF	-06	9/16"-18	10	-06	52.5	2.07	22.5	0.89	6.9	0.27	17	0.03	0.07
16011-08-06ZF	-08	3/4"-16	10	-06	53.5	2.11	23.5	0.93	6.9	0.27	22	0.05	0.10
16011-08-08ZF	-08	3/4"-16	12	-08	55.5	2.19	24.0	0.94	9.9	0.39	22	0.06	0.12

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Danfoss Power Solutions is a global manufacturer and supplier of high-quality hydraulic and electric components. We specialize in providing state-of-the-art technology and solutions that excel in the harsh operating conditions of the mobile off-highway market as well as the marine sector. Building on our extensive applications expertise, we work closely with you to ensure exceptional performance for a broad range of applications. We help you and other customers around the world speed up system development, reduce costs and bring vehicles and vessels to market faster.

We offer you expert worldwide support for ensuring the best possible solutions for outstanding performance. And with an extensive network of Global Service Partners, we also provide you with comprehensive global service for all of our components.

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- Danfoss Waltech
- DCV directional control valves
- Electric converters
- Electric machines
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- Hydrostatic pumps
- Orbital motors
- PLUS+1® controllers
- PLUS+1® displays and sensors
- PLUS+1® joysticks and pedals
- PLUS+1® operator interfaces
- PLUS+1® software services, support and training
- PLUS+1® software
- Position controls and sensors
- PVG proportional valves
- SEL by Danfoss
- Steering components and systems
- Synflex by Danfoss
- Telematics
- Weatherhead by Danfoss
- Winner by Danfoss

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