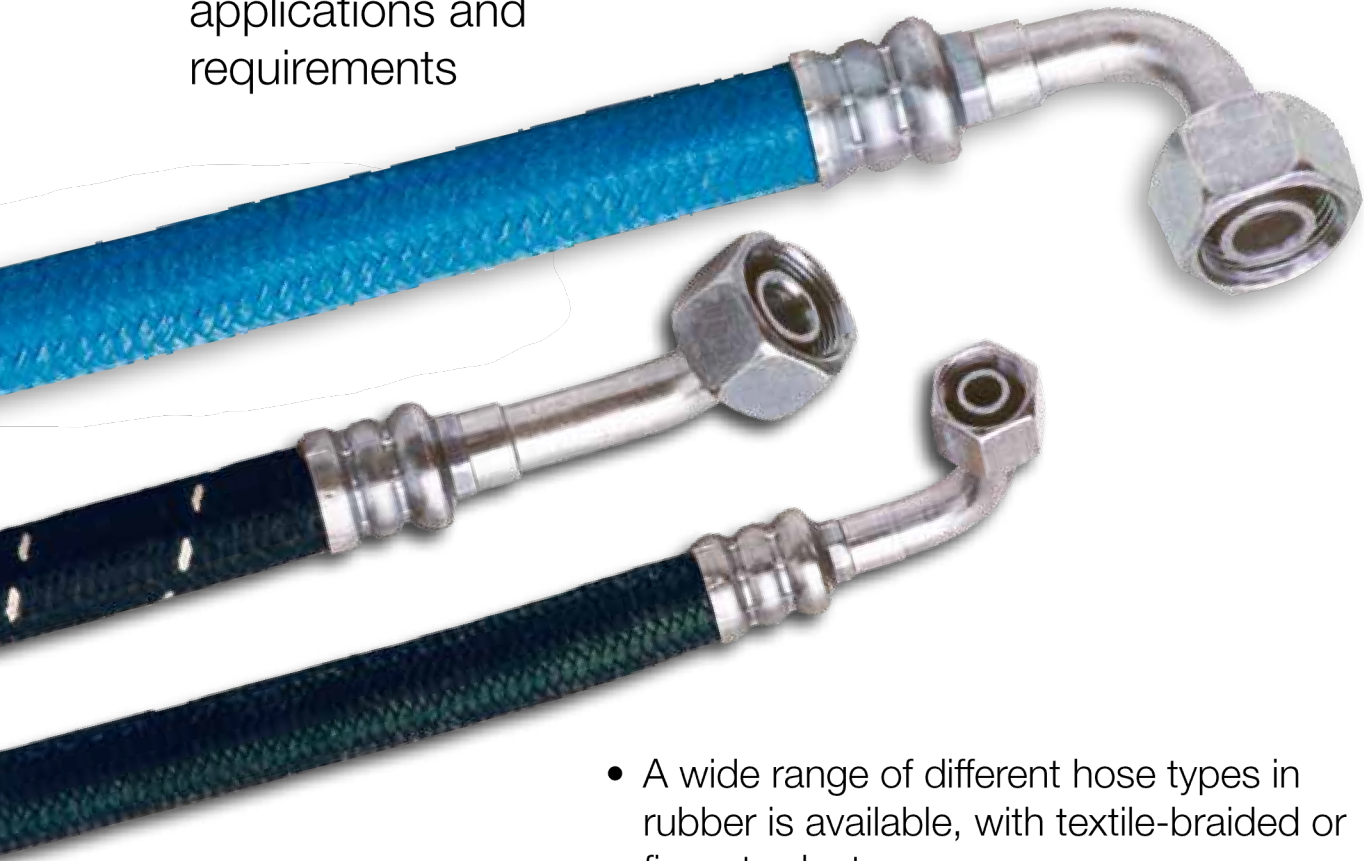


Low Pressure Transportation and Hydraulic Hose and Fittings

– the right solution for special applications and requirements



- A wide range of different hose types in rubber is available, with textile-braided or fire-retardant covers
- Proven, safe and easy self-assembly system
- Large bore sizes available
- High working temperatures
- One fitting series for all SAE 100 R5 and similar hoses



Applications

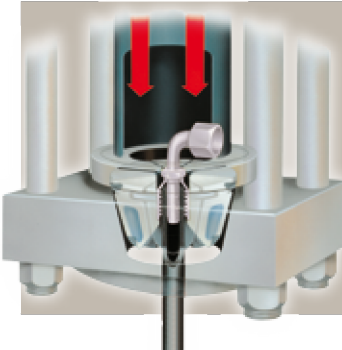
The definitive hose range for all special applications and requirements



Parkrimp® *No-Skive*

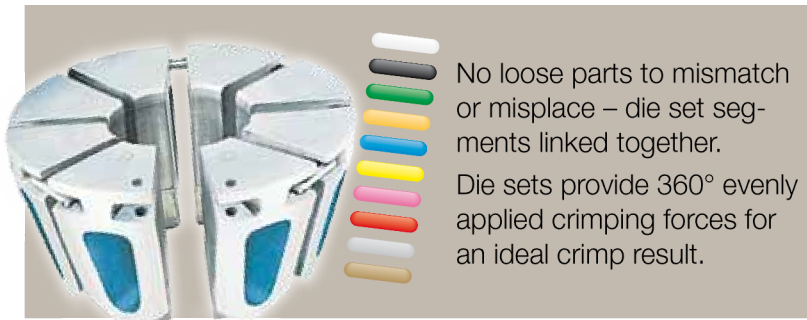
The system for fast and leak-free assemblies

The perfect match

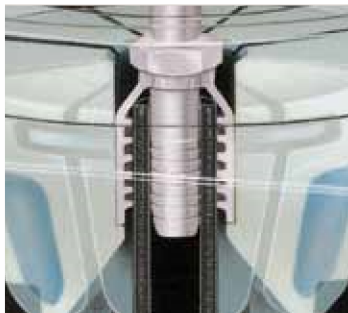


The complete system from one source. No-Skive hose, No-Skive fitting and crimping machine with world-wide guarantee and availability.

Parker's colour-coded die sets



Parkalign®



Parker's exclusive Parkalign® positions the fitting in the dies perfectly every time.



Parkrimp® *No-Skive*

- No skiving tool needed
- No need to remove the cover
- Crimps one-piece fittings
- Parkalign positions the fittings in the dies perfectly every time
- Quick and easy: no gauges to set on the machine
- Portable machines for field repair
- Meets EN safety regulations



KarryKrimp® 1

KarryKrimp® 2



Parkrimp®



KarryKrimp® 2
Bench Mount

Low Pressure Transportation and Hydraulic

Hoses			Page
201	Transportation		B2a-1
206	Transportation		B2a-2
213	Transportation		B2a-3
221FR	Fire retardant		B2a-4
285	Refrigeration		B2a-5
293	Transportation		B2a-6
601	Standard		B2a-7
611HT	High temperature		B2a-8
681	Standard		B2a-9
681DB	Railway		B2a-10

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Others	9

Parker Hannifin assumes no liability for typographical errors or other errors

Standard



High temperature



Railway



Transportation



Fire retardant



Refrigeration



201

No-Skive Airbrake

SAE 100R5 – SAE J1402AII

Primary Applications

Transportation: Air brake hose

General: Low pressure applications

Type Approvals

Details please find on pages **Ab-16** to **Ab-19**

Applicable Specifications

SAE 100R5, SAE J1402AII, D. O. T. FMVSS 106-AII

Construction

Tube: Synthetic rubber

Reinforcement: One fibre inner braid,
one high-tensile steel wire braid

Cover: Rubber layer and textile braided cover

Temperature Range -40 °C up to +150 °C

Exception: Air max. +70 °C

Water max. +85 °C



- Textile braided cover
- **No-Skive** hose construction
- 150 °C working temperature

Recommended Fluids

Petroleum based hydraulic fluids, water-glycol and water-oil emulsion hydraulic fluids, grease, lubricants, crude and fuel oils, air and water.

Consult the chemical compatibility section on pages **Ab-26** to **Ab-34** for more detailed information.

Fitting Series



Part Number	Hose I.D.			Hose O.D. mm	Pressure Rating				Vacuum* kPa	min. bend radius mm	weight kg
	Inch	Size	mm		max. working pressure		min. burst pressure				
					MPa	psi	MPa	psi			
201-4	3/16	-4	5.0	12.2	20.7	3000	83.0	12000	95	75	0.22
201-5	1/4	-5	6.3	14.8	20.7	3000	83.0	12000	95	85	0.27
201-6	5/16	-6	8.0	17.2	15.5	2250	62.0	9000	95	100	0.34
201-8	13/32	-8	10.0	19.5	13.8	2000	55.0	8000	95	120	0.40
201-10	1/2	-10	12.5	23.4	12.0	1750	48.0	7000	95	140	0.55
201-12	5/8	-12	16.0	27.4	10.3	1500	41.0	6000	95	165	0.68
201-16	7/8	-16	22.0	31.4	5.5	800	22.0	3200	67	185	0.68
201-20	1 1/8	-20	29.0	38.1	4.3	625	17.0	2500	67	230	0.76
201-24	1 3/8	-24	35.0	44.5	3.5	500	14.0	2000	51	265	1.01
201-32	1 13/16	-32	46.0	56.4	2.4	350	10.0	1400	37	335	1.32

* the vacuum values listed in the table are vacuum pressure values in kPa. For an absolute value subtract the table value from 101kPa.
The combination of high temperature and high pressure could reduce the hose life.
The maximum working pressures shown in the table are for service up to a maximum temperature of 100 °C.
For use at higher temperatures, consult the pressure/temperature curve in section A for the reduced maximum working pressure.

Hose layline example

Parker 201-6 AIR BRAKE DOT XXXXX AII 8 mm (5/16) SAE J1402 DOT XXXXX AII WP 15,7 MPa (2250 PSI) DOT XXXXX AII SA

206

No-Skive Airbrake

SAE 100R5 – SAE J1402All

Primary Applications

Transportation: Air brake hose
General: Low pressure applications

Type Approvals

Details please find on pages **Ab-16** to **Ab-19**

Applicable Specifications

SAE 100R5, SAE J1402All, D. O. T. FMVSS 106-All

Construction

Tube: Parker PKR-elastomer tube
Reinforcement: One fibre inner braid,
one high-tensile steel wire braid
Cover: Rubber layer and
blue textile braided cover

Temperature Range -48 °C up to +150 °C

Exception: Air max. +100 °C
Water max. +85 °C



- Blue textile braided cover
- *No-Skive* hose construction
- For very low (-48 °C) working temperature

Recommended Fluids

Petroleum based hydraulic fluids, water-glycol and water-oil emulsion hydraulic fluids, grease, lubricants, crude and fuel oils, air and water.

Consult the chemical compatibility section on pages **Ab-26** to **Ab-34** for more detailed information.

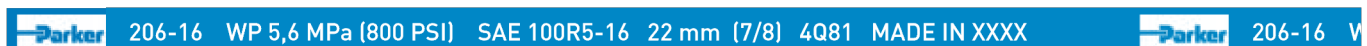
Fitting Series



Part Number	Hose I.D.			Hose O.D. mm	Pressure Rating				Vacuum*	min. bend radius mm	weight kg
	Inch	Size	mm		max. working pressure		min. burst pressure				
					MPa	psi	MPa	psi			
206-4	3/16	-4	5.0	13.2	20.7	3000	83.0	12000	95	75	0.22
206-5	1/4	-5	6.3	14.8	20.7	3000	83.0	12000	95	85	0.27
206-6	5/16	-6	8.0	17.1	15.5	2250	62.0	9000	95	90	0.34
206-8	13/32	-8	10.0	19.5	13.8	2000	55.0	8000	95	90	0.40
206-10	1/2	-10	12.5	23.4	12.0	1750	48.0	7000	95	100	0.55
206-12	5/8	-12	16.0	27.4	10.3	1500	41.0	6000	95	100	0.68
206-16	7/8	-16	22.0	31.4	5.5	800	22.0	3200	67	100	0.68
206-20	1 1/8	-20	29.0	38.1	4.3	625	17.0	2500	67	140	0.76
206-24	1 3/8	-24	35.0	44.5	3.5	500	14.0	2000	51	190	1.01
206-32	1 13/16	-32	46.0	56.4	2.4	350	10.0	1400	37	335	1.32

* the vacuum values listed in the table are vacuum pressure values in kPa. For an absolute value subtract the table value from 101kPa.
The combination of high temperature and high pressure could reduce the hose life.
The maximum working pressures shown in the table are for service up to a maximum temperature of 100 °C.
For use at higher temperatures, consult the pressure/temperature curve in section A for the reduced maximum working pressure.

Hose layline example



213

No-Skive High Temperature

For engines and compressed air systems



- *No-Skive* hose construction
- Ideal for high-temperature and small bend radii applications
- Compatible with a large range of fluids

Primary Applications

Transportation: Air brake hose
Compressors: Compressed air hose

Type Approvals

Details please find on pages **Ab-16** to **Ab-19**

Applicable Specifications

SAE J1402AI, D.O.T. FMVSS 106-AI

Construction

Tube: Parker PKR-elastomer tube
Reinforcement: One fibre inner braid, one high-tensile steel wire braid
Cover: Rubber layer and black textile braided cover include 2 green strips

Recommended Fluids

Petroleum based hydraulic fluids, water-glycol and water-oil emulsion hydraulic fluids, grease, lubricants, crude and fuel oils, air and water.
Consult the chemical compatibility section on pages **Ab-26** to **Ab-34** for more detailed information.

Temperature Range -45 °C up to +150 °C
Exception: Air max. +100 °C
Water max. +85 °C

Fitting Series



Part Number	Hose I.D.			Hose O.D. mm	Pressure Rating				min. bend radius mm	weight kg
	Inch	Size	mm		max. working pressure		min. burst pressure			
					MPa	psi	MPa	psi		
213-4	3/16	-4	5.0	12.5	13.8	2000	55.0	8000	20	0.18
213-5	1/4	-5	6.3	14.1	10.3	1500	41.0	6000	25	0.21
213-6	5/16	-6	8.0	15.7	10.3	1500	41.0	6000	30	0.25
213-8	13/32	-8	10.0	18.7	8.6	1250	34.0	5000	45	0.30
213-10	1/2	-10	12.5	21.1	6.9	1000	28.0	4000	55	0.33
213-12	5/8	-12	16.0	24.3	5.2	750	21.0	3000	70	0.36
213-16	7/8	-16	22.0	30.6	2.8	400	11.0	1600	90	0.45
213-20	1 1/8	-20	29.0	37.8	2.1	300	8.0	1200	115	0.65
213-24	1 3/8	-24	35.0	44.0	1.7	300	8.0	1200	190	0.73
213-32	1 13/16	-32	46.0	54.5	1.4	200	5.5	800	355	1.00

The combination of high temperature and high pressure could reduce the hose life.
The maximum working pressures shown in the table are for service up to a maximum temperature of 100 °C.
For use at higher temperatures, consult the pressure/temperature curve in section A for the reduced maximum working pressure.

Hose layline example

PARKER 213-16 WP 2,8 MPa (400 PSI) 22 mm (7/8) 3Q88 ————— PARKER 213-16 WP 2,8

221FR

No-Skive Fire Retardant

Marine fuel and engine hose

Primary Applications

Marine: Marine fuel hose
General: Where fire retardance is an issue

Type Approvals

Details please find on pages **Ab-16** to **Ab-19**

Applicable Specifications

SAE J1527 R3, USCG Type AI, SAE J1942, ISO 7840

Construction

Tube: Fuel and oil-resistant rubber
Reinforcement: One high-tensile steel wire braid
Cover: Flame retardant special fibre outer cover

Temperature Range -20 °C up to +100 °C

Exception: Air max. +70 °C
Water max. +85 °C



- Fire retardant hose cover
- **No-Skive** hose construction
- Marine approvals

Recommended Fluids

Petroleum based hydraulic fluids, water-glycol and water-oil emulsion hydraulic fluids, grease, lubricants, crude, fuel oils and water.

Consult the chemical compatibility section on pages **Ab-26** to **Ab-34** for more detailed information.

Fitting Series



Part Number	Hose I.D.			Hose O.D. mm	Pressure Rating				Vacuum* kPa	min. bend radius mm	weight kg
	Inch	Size	mm		max. working pressure		min. burst pressure				
					MPa	psi	MPa	psi			
221FR-5	1/4	-5	6.3	15	3.5	500	14.0	2000	81	25	0.28
221FR-6	5/16	-6	8.0	17	3.5	500	14.0	2000	81	30	0.34
221FR-8	13/32	-8	10.0	20	3.5	500	14.0	2000	81	45	0.42
221FR-10	1/2	-10	12.5	23	3.5	500	14.0	2000	68	55	0.58
221FR-12	5/8	-12	16.0	27	3.5	500	14.0	2000	68	70	0.61
221FR-16	7/8	-16	22.0	31	3.5	500	14.0	2000	68	90	0.70

* the vacuum values listed in the table are vacuum pressure values in kPa. For an absolute value subtract the table value from 101kPa. The combination of high temperature and high pressure could reduce the hose life.

Hose layline example

PARKER 221FR-10 SAE J1527 USCG TYPE A1 CE 1085 ISO 7840-A1 WITH 26 SERIES CRIMP FITTINGS ONLY

285

Air Conditioning and Refrigeration

SAE J2064 Type C, Class 1



- *No-Skive* hose construction
- Usable for main refrigerant fluids
- Compatible with modern refrigerants

Primary Applications

Air Conditioning: For industrial and mobile applications

Applicable Specifications

SAE J2064 Type C, Class 1

Construction

Tube: Nylon barrier between two elastomeric layers
 Reinforcement: One textile braid
 Cover: Heat, moisture and ozone resistant rubber

Recommended Fluids

For use with Freon refrigerants 12, 134a and 22. Consult the chemical compatibility section on pages **Ab-26** to **Ab-34** for more detailed information.

Temperature Range -30 °C up to +125 °C

Fitting Series



Part Number	Hose I.D.			Hose O.D. mm	Pressure Rating				Vacuum* kPa	min. bend radius mm	weight kg
	Inch	Size	mm		max. working pressure		min. burst pressure				
					MPa	psi	MPa	psi			
285-4-RL	3/16	-4	5.0	12.4	3.4	500	17.2	2500	95	25	0.14
285-6-RL	5/16	-6	8.0	15.7	3.4	500	17.2	2500	95	38	0.19
285-8-RL	13/32	-8	10.0	18.8	3.4	500	17.2	2500	95	51	0.25
285-10-RL	1/2	-10	12.5	21.1	3.4	500	17.2	2500	95	64	0.27
285-12-RL	5/8	-12	16.0	24.4	3.4	500	17.2	2500	95	76	0.34

* the vacuum values listed in the table are vacuum pressure values in kPa. For an absolute value subtract the table value from 101kPa.
 For size -16 a hose 285-16 is available on request.
 RL = only available on reels.

Hose layline example

PARKER 285-10 WP 3,4 MPa (500 PSI) SAE J2064 TYPE C CLASS I 12,5 mm (1/2) 10-4Q09



293

No-Skive High Temperature

Engine and air brake/truck hose

Primary Applications

Truck Market: Air brake hose
Engine cooling circuit

Type Approvals

Details please find on pages **Ab-16** to **Ab-19**

Applicable Specifications

SAE J1402AI, D.O.T. FMVSS 106

Construction

Tube: Synthetic PKR rubber
Reinforcement: One fibre braid
Cover: Black nylon braid

Temperature Range -50 °C up to +150 °C

Exception: Air max. +100 °C

Water max. +85 °C



- High temperature – high flex hose performance
- **No-Skive** hose construction
- Wide temperature range

Recommended Fluids

Petroleum-based hydraulic fluids and lubrication oils, diesel fuels and antifreeze solutions; water-, water-oil- and water-glycol emulsion hydraulic fluids.

Consult the chemical compatibility section on pages **Ab-26** to **Ab-34** for more detailed information.

Fitting Series



Part Number	Hose I.D.			Hose O.D. mm	Pressure Rating				min. bend radius mm	weight kg
	Inch	Size	mm		max. working pressure		min. burst pressure			
					MPa	psi	MPa	psi		
293-4-RL	3/16	-4	5.0	12.5	3.5	500	13.8	2000	15	0.15
293-6-RL	5/16	-6	8.0	15.7	3.5	500	13.8	2000	25	0.22
293-8-RL	13/32	-8	10.0	18.7	3.5	500	13.8	2000	40	0.27
293-10-RL	1/2	-10	12.5	21.1	3.1	450	12.4	1800	50	0.30
293-12-RL	5/8	-12	16.0	24.3	3.1	450	12.4	1800	65	0.33
293-16-RL	7/8	-16	22.0	30.6	3.1	450	12.4	1800	80	0.37

The combination of high temperature and high pressure could reduce the hose life.
RL = only available on reels.

Hose layline example

PARKER 293-6 AIR BRAKE 8 mm [5/16] SAE J1402 W.P. 3,5 MPa [500 PSI] ————— PARKER 293-6

601

No-Skive
SAE 100R3



- Textile braided reinforcement
- *No-Skive* hose construction
- Small bend radii
- Up to +125 °C working temperature

Primary Applications

General Market: Low pressure hydraulic applications

Applicable Specifications

SAE 100R3, EN 854-R3

Construction

Tube: Synthetic rubber
Reinforcement: Two fibre braids
Cover: MSHA accepted synthetic rubber

Temperature Range -40 °C up to +125 °C

Exception: Air max. +70 °C
Water max. +85 °C

Recommended Fluids

Petroleum based hydraulic fluids, water-glycol and water-oil emulsion hydraulic fluids, grease, lubricants, crude and fuel oils, air and water.

Consult the chemical compatibility section on pages **Ab-26** to **Ab-34** for more detailed information.

Fitting Series



Part Number	Hose I.D.				Hose O.D. mm	Pressure Rating				min. bend radius mm	weight kg
	DN	Inch	Size	mm		max. working pressure		min. burst pressure			
						MPa	psi	MPa	psi		
601-4	6	1/4	-4	6.4	14.0	8.6	1250	35.0	5000	75	0.19
601-6	10	3/8	-6	9.5	19.0	7.8	1125	31.0	4500	100	0.33
601-8	12	1/2	-8	12.7	23.0	6.9	1000	28.0	4000	130	0.42
601-12	19	3/4	-12	19.1	32.0	5.2	750	21.0	3000	150	0.64
601-16	25	1	-16	25.4	38.0	3.9	565	16.0	2250	200	0.91

The combination of high temperature and high pressure could reduce the hose life.

Hose layline example

PARKER 601-8 WP 6,9 MPa [1000 PSI] MSHA XXXX SAE100R3-8 12,5 mm [1/2] X 2F 7-3083

611HT

No-Skive

High-temperature textile hose

Primary Applications

General Market: Low pressure hydraulic applications/
high temperature applications

Engine Applications:

Diesel fuel lines, engine cooling circuits

Type Approvals

Details please find on pages **Ab-16** to **Ab-19**

Applicable Specifications

EN 854-R6

Construction

Tube: Synthetic PKR rubber

Reinforcement: One fibre braid

Cover: MSHA accepted synthetic rubber

Temperature Range -40 °C up to +150 °C

Exception: Air max. +100 °C

Water max. +85 °C



- For high demand applications, such as diesel fuel lines, water cooling or high-temp lines up to +150 °C
- MSHA approved
- According to EN 854-R6
- *No-Skive* hose construction for 2-piece fittings

Recommended Fluids

Petroleum-based hydraulic fluids and lubrication oils, diesel fuels and antifreeze solutions; water-glycol and water-oil emulsion, air and water.

Consult the chemical compatibility section on pages **Ab-26** to **Ab-34** for more detailed information.

Fitting Series

- Compatible with 2-piece fittings for use with adjustable crimpers only (47 series nipple and 10064 series shell)

Part Number	Hose I.D.				Hose O.D. mm	Pressure Rating				min. bend radius mm	weight kg
	DN	Inch	Size	mm		max. working pressure		min. burst pressure			
						MPa	psi	MPa	psi		
611HT-4	6	1/4	-4	6.4	12.8	2.8	400	11.2	1600	65	0.13
611HT-6	10	3/8	-6	9.5	16.0	2.8	400	11.2	1600	75	0.16
611HT-8	12	1/2	-8	12.7	20.0	2.8	400	11.2	1600	100	0.27
611HT-10	16	5/8	-10	15.9	23.2	2.4	350	9.6	1400	125	0.28
611HT-12	19	3/4	-12	19.1	26.2	2.1	300	8.4	1200	150	0.36

The combination of high temperature and high pressure could reduce the hose life.

Hose layline example

PARKER 611HT-4 HI-TEMP WP 2,8 MPa (400 PSI) MSHA IC-40/10 | • • SAE 100R6-4 6,3 mm (1/4) X 1F EN854/R6/

681

No-Skive 2TE
EN 854-2TE



- One layer of fabric braid
- *No-Skive* hose construction
- Small bend radii

Primary Applications

General Market: Low pressure hydraulic application

Applicable Specifications

EN 854-2TE

Construction

Tube: Synthetic rubber
Reinforcement: One fibre braid
Cover: Synthetic rubber

Temperature Range -40 °C up to +100 °C

Exception: Air max. +70 °C
Water max. +85 °C

Recommended Fluids

Petroleum based hydraulic fluids, water-glycol and water-oil emulsion hydraulic fluids, grease, lubricants, crude and fuel oils, air and water.

Consult the chemical compatibility section on pages **Ab-26** to **Ab-34** for more detailed information.

Fitting Series

- Compatible with 2-piece fittings for use with adjustable crimpers only (47 series nipple and 10064 series shell)

Part Number	Hose I.D.				Hose O.D. mm	Pressure Rating				min. bend radius mm	weight kg
	DN	Inch	Size	mm		max. working pressure		min. burst pressure			
						MPa	psi	MPa	psi		
681-4	6	1/4	-4	6.4	13.1	7.5	1090	30.0	4360	40	0.15
681-5	8	5/16	-5	7.9	14.6	6.8	980	27.0	3920	50	0.16
681-6	10	3/8	-6	9.5	16.2	6.3	910	25.0	3640	60	0.19
681-8	12	1/2	-8	12.7	19.9	5.8	840	23.0	3360	70	0.24
681-10	16	5/8	-10	15.9	23.4	5.0	725	20.0	2900	90	0.35
681-12	19	3/4	-12	19.1	26.5	4.5	650	18.0	2600	110	0.39
681-16	25	1	-16	25.4	33.4	4.0	580	16.0	2320	150	0.59

The combination of high temperature and high pressure could reduce the hose life.

Hose layline example

PARKER 681-4 WP 7,5 MPa (1090 PSI) | • • 6,3 mm (1/4) EN854/2TE/6/DIN made in Italy

681DB

No-Skive 2TE

EN 854-2TE

(with approvals for rail transportation)

Primary Applications

General Market: Low pressure hydraulic application

Rail Transportation Market:

Hydraulic applications around
train vehicles

Type Approvals

Details please find on pages **Ab-16** to **Ab-19**

Applicable Specifications

EN 854-2TE

Construction

Tube: Synthetic rubber

Reinforcement: One fibre braid

Cover: Flame retardant synthetic rubber

Temperature Range -40 °C up to +100 °C

Exception: Air max. +70 °C

Water max. +85 °C



- One layer of fabric braid
- **No-Skive** hose construction
- Small bend radii
- Flame retardant rubber cover
- Railway approved as follows:
European Standard EN45545 + ISO15540: HL2
(hose need FS-F-Fire Sleeve)
FS-F on page Eb-14

Recommended Fluids

Petroleum based hydraulic fluids, water-glycol and water-oil emulsion hydraulic fluids, grease, lubricants, crude and fuel oils, air and water.

Consult the chemical compatibility section on pages **Ab-26** to **Ab-34** for more detailed information.

Fitting Series

- Compatible with 2-piece fittings for use with adjustable crimpers only (47 series nipple and 10064 series shell)

Part Number	Hose I.D.				Hose O.D. mm	Pressure Rating				min. bend radius mm	weight kg
	DN	Inch	Size	mm		max. working pressure		min. burst pressure			
						MPa	psi	MPa	psi		
681DB-4	6	1/4	-4	6.4	13.1	7.5	1090	30.0	4360	40	0.15
681DB-5	8	5/16	-5	7.9	14.6	6.8	980	27.0	3920	50	0.16
681DB-6	10	3/8	-6	9.5	16.2	6.3	910	25.0	3640	60	0.19
681DB-8	12	1/2	-8	12.7	19.9	5.8	840	23.0	3360	70	0.24
681DB-10	16	5/8	-10	15.9	23.4	5.0	725	20.0	2900	90	0.35
681DB-12	19	3/4	-12	19.1	26.5	4.5	650	18.0	2600	110	0.39
681DB-16	25	1	-16	25.4	33.4	4.0	580	16.0	2320	150	0.59

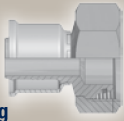


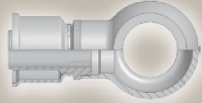
The combination of high temperature and high pressure could reduce the hose life.

Hose layline example

PARKER 681DB-6 WP 6,3 MPa (910 PSI) - - - • • 10 MM (3/8) EN854/2TE/10/DIN M/D/Y

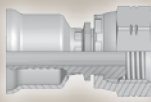


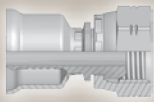
DIN – Metric

Page B2b-1 – B2b-2

<p>CA B2b-1 Female Metric 24° Light Series with O-Ring Swivel – Straight ISO 12151-2-SWS-L – DKOL</p> 	<p>CE B2b-1 Female Metric 24° Light Series with O-Ring Swivel – 45° Elbow ISO 12151-2-SWE 45°-L – DKOL 45°</p> 	<p>CF B2b-2 Female Metric 24° Light Series with O-Ring Swivel – 90° Elbow ISO 12151-2-SWE-L – DKOL 90°</p> 	<p>49 B2b-2 Metric Banjo Straight DIN 7642</p> 
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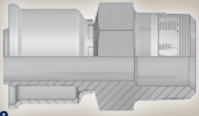
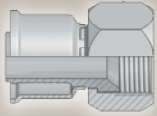



BSP

Page B2b-3 – B2b-4

<p>92 B2b-3 Female BSP Parallel Pipe Swivel – Straight (60° Cone) BS5200-A – DKR</p> 	<p>B1 B2b-3 Female BSP Parallel Pipe Swivel 45° Elbow (60° Cone) BS 5200-D – DKR 45°</p> 	<p>B2 B2b-4 Female BSP Parallel Pipe Swivel 90° Elbow (60° Cone) BS 5200-B – DKR 90°</p> 	<p>91 B2b-4 Male BSP Taper Pipe – Rigid Straight BS5200 – AGR-K</p> 
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SAE

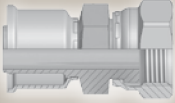
Page B2b-5 – B2b-7

<p>01 B2b-5 Male NPTF Pipe Rigid – Straight SAE J476A / J516 – AGN</p> 	<p>06/68 B2b-5 Female – JIC 37° SAE 45° Dual Flare Swivel – Straight ISO12151-5-SWS – DKJ</p> 	<p>08 B2b-6 Female SAE 45° – Swivel Straight SAE J516</p> 	<p>37/3V B2b-6 Female JIC 37° SAE 45° – Dual Flare Swivel Female 45° Elbow ISO 12151-5-SWE 45° – DKJ 45°</p> 
<p>39/3W B2b-7 Female JIC 37° SAE 45° – Dual Flare Swivel Female 90° Elbow ISO 12151-5-SWES – DKJ 90°</p> 			

ORFS

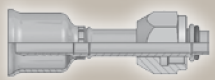

Page B2b-8

JC
B2b-8
Female ORFS
Swivel – Straight
Short
ISO 12151-1 – SWSA SAE J516 – ORFS



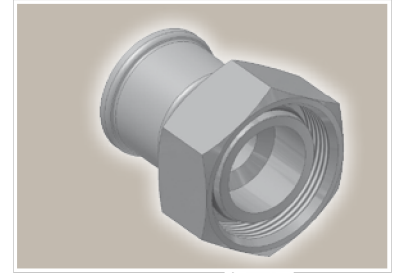
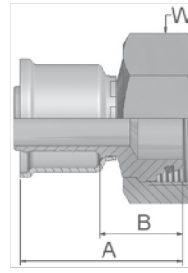
Others

Page B2b-9

<p>5S B2b-9 Female Tube O-ring Swivel Short Pilot</p> 	<p>5T B2b-9 Female Tube O-Ring Swivel 90° Elbow – Short Pilot</p> 
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CA Female Metric 24° Light Series with O-Ring Swivel – Straight

ISO 12151-2-SWS-L – DKOL

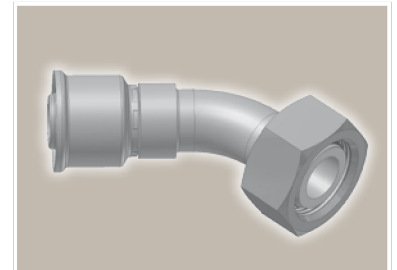
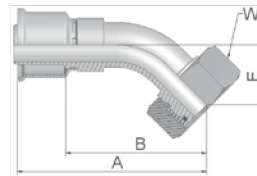


Part Number	Hose I.D.			Thread metric	Tube O.D. mm	A mm	B mm	W mm
	Inch	Size	mm					
1CA26-6-4	3/16	-4	5.0	M12x1.5	6	40	20	14
1CA26-8-4	3/16	-4	5.0	M14x1.5	8	41	21	17
1CA26-10-5	1/4	-5	6.3	M16x1.5	10	41	20	19
1CA26-10-6	5/16	-6	8.0	M16x1.5	10	41	20	19
1CA26-12-6	5/16	-6	8.0	M18x1.5	12	41	21	22
1CA26-12-8	13/32	-8	10.0	M18x1.5	12	41	21	22
1CA26-15-8	13/32	-8	10.0	M22x1.5	15	42	21	27
1CA26-18-10	1/2	-10	12.5	M26x1.5	18	46	23	32
1CA26-18-12	5/8	-12	16.0	M26x1.5	18	46	23	32
1CA26-22-12	5/8	-12	16.0	M30x2	22	48	25	36
1CA26-28-16	7/8	-16	22.0	M36x2	28	54	28	41
1CA26-28-20	1 1/8	-20	29.0	M36x2	28	60	33	41
1CA26-35-20	1 1/8	-20	29.0	M45x2	35	56	29	50
1CA26-35-24	1 3/8	-24	35.0	M45x2	35	62	34	50
1CA26-42-24	1 3/8	-24	35.0	M52x2	42	59	31	60

Hose fittings are delivered with ozone resistant Nitrile (NBR) O-ring as a standard version. Working temperature from -40 °C up to +105 °C.
Hose fittings with special O-rings (Viton or EPDM) available on request. O-ring dimensions and part-numbers see in section Eb.

CE Female Metric 24° Light Series with O-Ring Swivel – 45° Elbow

ISO 12151-2-SWE 45°-L – DKOL 45°



Part Number	Hose I.D.			Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	Inch	Size	mm						
1CE26-10-6	5/16	-6	8.0	M16x1.5	10	66	45	17	19
1CE26-12-6	5/16	-6	8.0	M18x1.5	12	66	45	17	22
1CE26-12-8	13/32	-8	10.0	M18x1.5	12	60	39	17	22
1CE26-15-8	13/32	-8	10.0	M22x1.5	15	60	39	17	27
1CE26-18-10	1/2	-10	12.5	M26x1.5	18	68	46	20	32
1CE26-18-12	5/8	-12	16.0	M26x1.5	18	73	50	22	32
1CE26-22-12	5/8	-12	16.0	M30x2	22	77	55	26	36
1CE26-28-16	7/8	-16	22.0	M36x2	28	105	78	33	41

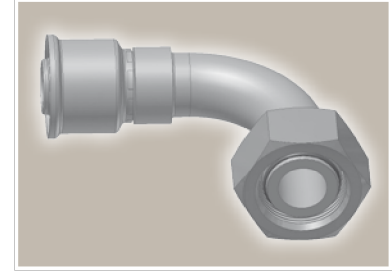
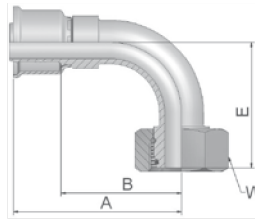
Hose fittings are delivered with ozone resistant Nitrile (NBR) O-ring as a standard version. Working temperature from -40 °C up to +105 °C.
Hose fittings with special O-rings (Viton or EPDM) available on request. O-ring dimensions and part-numbers see in section Eb.

Approved **fitting series** for hose types:

26	201	206	213	221FR	285	293
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CF Female Metric 24° Light Series with O-Ring Swivel – 90° Elbow

ISO 12151-2-SWE-L – DKOL 90°

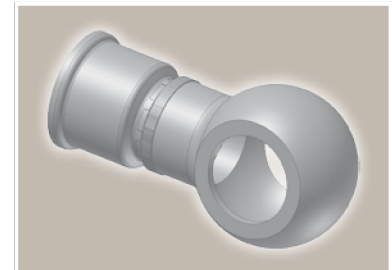
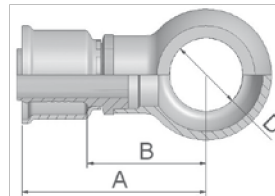


Part Number	Hose I.D.			Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	Inch	Size	mm						
1CF26-8-4	3/16	-4	5.0	M14x1.5	8	48	28	29	17
1CF26-10-5	1/4	-5	6.3	M16x1.5	10	55	36	29	19
1CF26-10-6	5/16	-6	8.0	M16x1.5	10	55	34	31	19
1CF26-12-6	5/16	-6	8.0	M18x1.5	12	56	35	35	22
1CF26-12-8	13/32	-8	10.0	M18x1.5	12	50	30	31	22
1CF26-15-8	13/32	-8	10.0	M22x1.5	15	58	38	41	27
1CF26-18-10	1/2	-10	12.5	M26x1.5	18	57	34	38	32
1CF26-18-12	5/8	-12	16.0	M26x1.5	18	69	46	45	32
1CF26-22-12	5/8	-12	16.0	M30x2	22	78	55	47	36
1CF26-18-16	7/8	-16	22.0	M26x1.5	18	92	65	70	32
1CF26-28-16	7/8	-16	22.0	M36x2	28	96	70	71	41
1CF26-28-20	1 1/8	-20	29.0	M36x2	28	117	90	81	41
1CF26-35-20	1 1/8	-20	29.0	M45x2	35	117	90	77	50
1CF26-35-24	1 3/8	-24	35.0	M45x2	35	117	89	79	50

Hose fittings are delivered with ozone resistant Nitrile (NBR) O-ring as a standard version. Working temperature from -40 °C up to +105 °C.
Hose fittings with special O-rings (Viton or EPDM) available on request. O-ring dimensions and part-numbers see in section Eb.

49 Metric Banjo Straight

DIN 7642



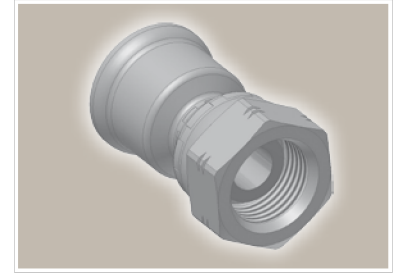
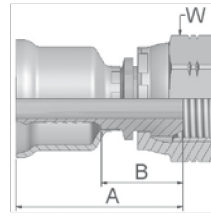
Part Number	Hose I.D.			A mm	B mm	D mm
	Inch	Size	mm			
14926-12-6	5/16	-6	8.0	47	26	12
14926-14-6	5/16	-6	8.0	49	28	14
14926-14-8	13/32	-8	10.0	48	28	14
14926-16-8	13/32	-8	10.0	50	30	16

Approved **fitting series** for hose types:

26 201 206 213 221FR 285 293

92 Female BSP Parallel Pipe Swivel – Straight (60° Cone)

BS5200-A – DKR

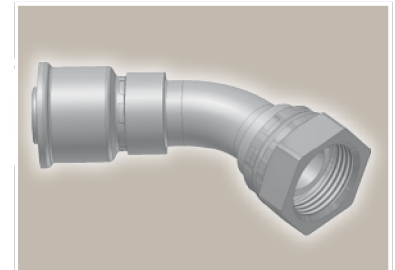
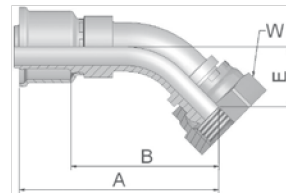


Part Number	Hose I.D.			Thread BSP	A mm	B mm	W mm
	Inch	Size	mm				
19226-4-4	3/16	-4	5.0	1/4x19	41	20	19
19226-6-6	5/16	-6	8.0	3/8x19	42	21	22
19226-6-8	13/32	-8	10.0	3/8x19	41	21	22
19226-8-8	13/32	-8	10.0	1/2x14	44	23	27
19226-8-10	1/2	-10	12.5	1/2x14	45	22	27
19226-12-12	5/8	-12	16.0	3/4x14	45	24	32
19226-16-16	7/8	-16	22.0	1x11	52	25	41
19226-20-20	1 1/8	-20	29.0	1 1/4x11	58	31	50

26 Series

B1 Female BSP Parallel Pipe Swivel 45° Elbow (60° Cone)

BS 5200-D – DKR 45°



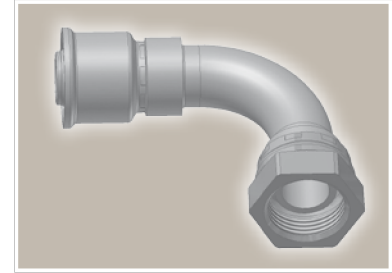
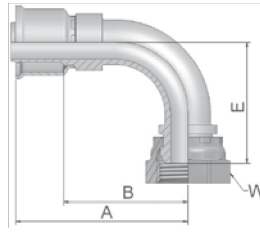
Part Number	Hose I.D.			Thread BSP	A mm	B mm	E mm	W mm
	Inch	Size	mm					
1B126-4-4	3/16	-4	5.0	1/4x19	53	33	15	19
1B126-6-6	5/16	-6	8.0	3/8x19	56	36	16	22
1B126-8-8	13/32	-8	10.0	1/2x14	62	42	16	27
1B126-10-10	1/2	-10	12.5	5/8x14	67	44	20	30
1B126-12-12	5/8	-12	16.0	3/4x14	70	47	18	32

Approved **fitting series** for hose types:

26 201 206 213 221FR 285 293

B2 Female BSP Parallel Pipe Swivel 90° Elbow (60° Cone)

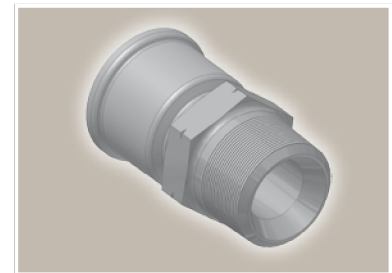
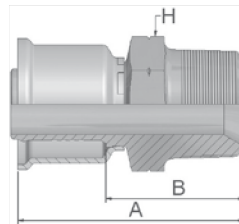
BS 5200-B – DKR 90°



Part Number	Hose I.D.			Thread BSP	A mm	B mm	E mm	W mm
	Inch	Size	mm					
1B226-4-4	3/16	-4	5.0	1/4x19	44	24	26	19
1B226-6-6	5/16	-6	8.0	3/8x19	47	26	29	22
1B226-8-8	13/32	-8	10.0	1/2x14	54	34	31	27
1B226-10-10	1/2	-10	12.5	5/8x14	57	34	36	30
1B226-12-12	5/8	-12	16.0	3/4x14	62	40	37	32
1B226-16-16	7/8	-16	22.0	1x11	96	69	69	41
1B226-20-20	1 1/8	-20	29.0	1 1/4x11	117	90	76	50

91 Male BSP Taper Pipe – Rigid Straight

BS5200 – AGR-K



Part Number	Hose I.D.			Thread BSP	A mm	B mm	H mm
	Inch	Size	mm				
19126-6-6	5/16	-6	8.0	3/8x19	47	26	19
19126-8-8	13/32	-8	10.0	1/2x14	53	32	22
19126-12-12	5/8	-12	16.0	3/4x14	58	36	30
19126-16-16	7/8	-16	22.0	1x11	69	43	36

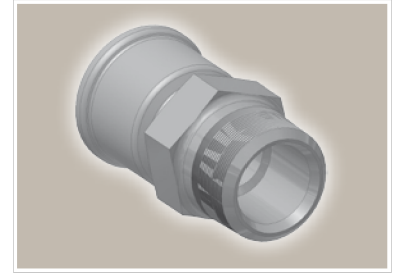
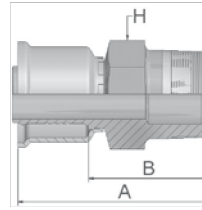
Approved **fitting series** for hose types:

26 201 206 213 221FR 285 293

01

Male NPTF Pipe Rigid – Straight

SAE J476A/ J516 – AGN



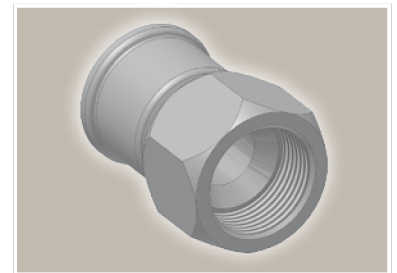
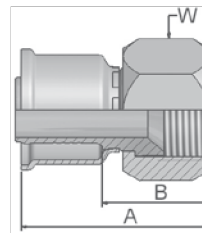
Part Number	Hose I.D.			Thread NPTF	A mm	B mm	H Inch
	Inch	Size	mm				
10126-4-5	1/4	-5	6.3	1/4x18	48	26	9/16
10126-4-6	5/16	-6	8.0	1/4x18	48	26	3/4
10126-6-6	5/16	-6	8.0	3/8x18	48	26	11/16
10126-6-8	13/32	-8	10.0	3/8x18	48	26	11/16
10126-8-8	13/32	-8	10.0	1/2x14	54	33	7/8
10126-8-10	1/2	-10	12.5	1/2x14	57	33	7/8
10126-12-12	5/8	-12	16.0	3/4x14	59	35	1 1/16

26 Series

06/68

Female – JIC 37° SAE 45° Dual Flare Swivel – Straight

ISO12151-5-SWS – DKJ



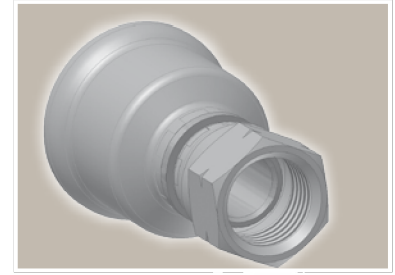
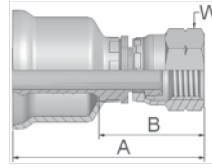
Part Number	Hose I.D.			Thread UNF	Tube mm	A mm	B mm	W mm Inch
	Inch	Size	mm					
16826-4-4-SM	3/16	-4	5.0	7/16x20	1/4	43	24	14
16826-5-5-SM	1/4	-5	6.3	1/2x20	5/16	44	23	17
16826-5-5BA	1/4	-5	6.3	1/2x20	5/16	45	23	5/8
10626-6-6-SM	5/16	-6	8.0	9/16x18	3/8	45	25	19
10626-6-6BS	5/16	-6	8.0	9/16x18	3/8	45	23	11/16
10626-6-6	5/16	-6	8.0	9/16x18	3/8	45	23	11/16
16826-8-8-SM	13/32	-8	10.0	3/4x16	1/2	48	27	22
16826-8-10	1/2	-10	12.5	3/4x16	1/2	60	36	7/8
16826-10-10BA	1/2	-10	12.5	7/8x14	5/8	55	31	1
16826-10-10-SM	1/2	-10	12.5	7/8x14	5/8	54	32	27
16826-10-12-SM	5/8	-12	16.0	7/8x14	5/8	61	33	27
16826-10-12	5/8	-12	16.0	7/8x14	5/8	61	37	1
10626-12-12-SM	5/8	-12	16.0	1 1/16x12	3/4	56	34	32
10626-16-16-SM	7/8	-16	22.0	1 5/16x12	1	62	35	41
10626-20-20-SM	1 1/8	-20	29.0	1 5/8x12	1 1/4	66	39	50
10626-24-24-SM	1 3/8	-24	35.0	1 7/8x12	1 1/2	71	44	60
10626-32-32	1 13/16	-32	46.0	2 1/2x12	2	84	52	2 7/8

Approved fitting series for hose types: BA: Nipple: Brass, Nut and Shell: Steel; BS: Nipple and Nut: Brass, Shell: Steel; SM: Metric Hexagon

26 201 206 213 221FR 285 293

08 Female SAE 45° – Swivel Straight

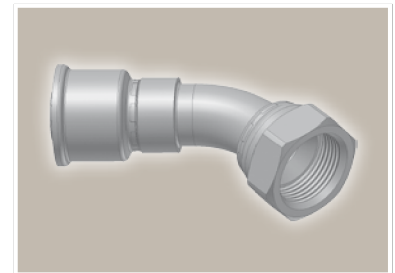
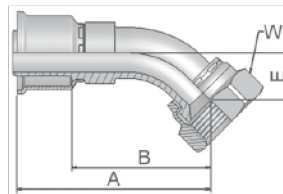
SAE J516



Part Number	Hose I.D.			Thread UNF	Tube mm	A mm	B mm	W	
	Inch	Size	mm					mm	Inch
10826-6-6BA	5/16	-6	8.0	5/8x18	3/8	47	25	3/4	
10826-6-6	5/16	-6	8.0	5/8x18	3/8	47	25	3/4	
10826-12-12	5/8	-12	16.0	1 1/16x14	3/4	56	32	1 1/4	

37/3V Female JIC 37° SAE 45° – Dual Flare Swivel Female 45° Elbow

ISO 12151-5-SWE 45° – DKJ 45°



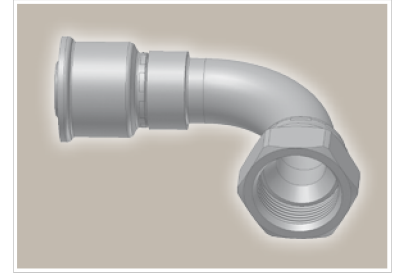
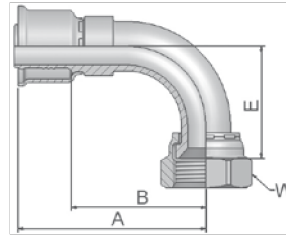
Part Number	Hose I.D.			Thread UNF	Tube mm	A mm	B mm	E mm	W	
	Inch	Size	mm						mm	mm
13V26-4-4-SM	3/16	-4	5.0	7/16x20	1/4	50	24	10	14	
13726-6-6-SM	5/16	-6	8.0	9/16x18	3/8	54	33	11	19	
13V26-8-8-SM	13/32	-8	10.0	3/4x16	1/2	59	38	15	22	
13V26-10-10	1/2	-10	12.5	7/8x14	5/8	69	44	17	1	
13726-12-12-SM	5/8	-12	16.0	1 1/16x12	3/4	75	53	20	32	
13726-16-16-SM	7/8	-16	22.0	1 5/16x12	1	102	76	24	41	

Approved **fitting series** for hose types:

BA: Nipple: Brass, Nut and Shell: Steel; SM: Metric Hexagon

26 201 206 213 221FR 285 293

39/3W Female JIC 37°
SAE 45° – Dual Flare
Swivel Female 90° Elbow
ISO 12151-5-SWES – DKJ 90°



Part Number	Hose I.D.			Thread UNF	Tube mm	A mm	B mm	E mm	W mm
	Inch	Size	mm						
13W26-4-4-SM	3/16	-4	5.0	7/16x20	1/4	45	20	21	14
13W26-5-5-SM	1/4	-5	6.3	1/2x20	5/16	50	30	20	17
13926-6-6-SM	5/16	-6	8.0	9/16x18	3/8	49	29	22	19
13W26-8-6-SM	5/16	-6	8.0	3/4x16	3/8	53	32	29	22
13W26-8-8-SM	13/32	-8	10.0	3/4x16	1/2	53	32	29	22
13W26-8-10-SM	1/2	-10	12.5	3/4x16	5/8	56	34	29	22
13W26-10-10-SM	1/2	-10	12.5	7/8x14	5/8	62	39	33	27
13W26-10-12-SM	5/8	-12	16.0	7/8x14	5/8	63	41	33	27
13926-12-12-SM	5/8	-12	16.0	1 1/16x12	3/4	73	51	46	32
13926-16-16-SM	7/8	-16	22.0	1 5/16x12	1	102	75	59	41
13926-20-20-SM	1 1/8	-20	29.0	1 5/8x12	1 1/4	109	81	70	50

26 Series

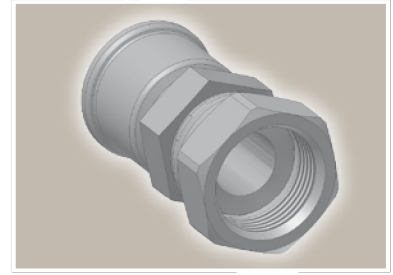
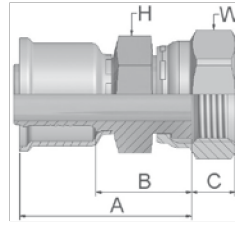
Approved **fitting series** for hose types:

SM: Metric Hexagon

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JC **Female ORFS**
Swivel – Straight
Short

ISO 12151-1 – SWSA
SAE J516 – ORFS



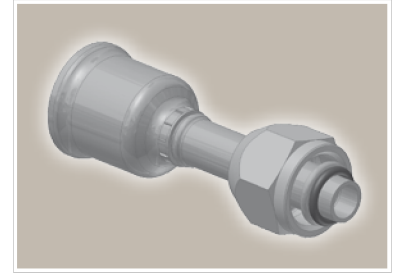
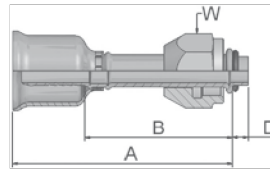
Part Number	Hose I.D.			Thread UNF	A mm	B mm	C mm	H mm	W mm
	Inch	Size	mm						
1JC26-4-4-SM	3/16	-4	5.0	9/16x18	35	14	8	–	17
1JC26-6-6-SM	5/16	-6	8.0	11/16x16	36	15	9	–	22
1JC26-8-6-SM	5/16	-6	8.0	13/16x16	44	23	11	19	24
1JC26-8-8-SM	13/32	-8	10.0	13/16x16	37	17	11	–	24
1JC26-10-10-SM	1/2	-10	12.5	1x14	49	27	12	24	30
1JC26-12-12-SM	5/8	-12	16.0	1 3/16x12	43	21	14	–	36
1JC26-16-16-SM	7/8	-16	22.0	1 7/16x12	61	34	14	36	41
1JC26-20-20-SM	1 1/8	-20	29.0	1 11/16x12	62	35	15	50	50

Approved **fitting series** for hose types:

SM: Metric Hexagon

26 201 206 213 221FR 285 293

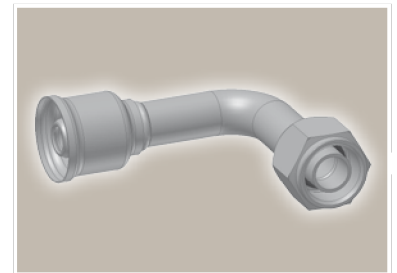
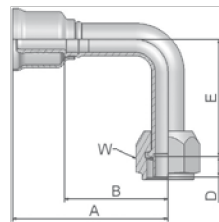
5S Female Tube O-ring Swivel Short Pilot



Part Number	Hose I.D.			Thread UNF	A mm	B mm	D mm	W Inch
	Inch	Size	mm					
15S26-6-6	5/16	-6	8.0	5/8x18	66	44	4.7	3/4
15S26-8-8	13/32	-8	10.0	3/4x16	67	45	4.7	7/8
15S26-10-10	1/2	-10	12.5	7/8x14	71	47	4.7	1 1/16
15S26-10-12	5/8	-12	16.0	7/8x14	71	47	4.7	1 1/16

26 Series

5T Female Tube O-Ring Swivel 90° Elbow – Short Pilot



Part Number	Hose I.D.			Thread UNF	A mm	B mm	D mm	E mm	W Inch
	Inch	Size	mm						
15T26-6-6	5/16	-6	8.0	5/8x18	56	34	4.7	36	3/4
15T26-8-8	13/32	-8	10.0	3/4x16	63	41	4.7	37	7/8
15T26-10-10	1/2	-10	12.5	7/8x14	73	49	4.7	44	1 1/16

Approved **fitting series** for hose types:

26 | 201 | 206 | 213 | 221FR | 285 | 293