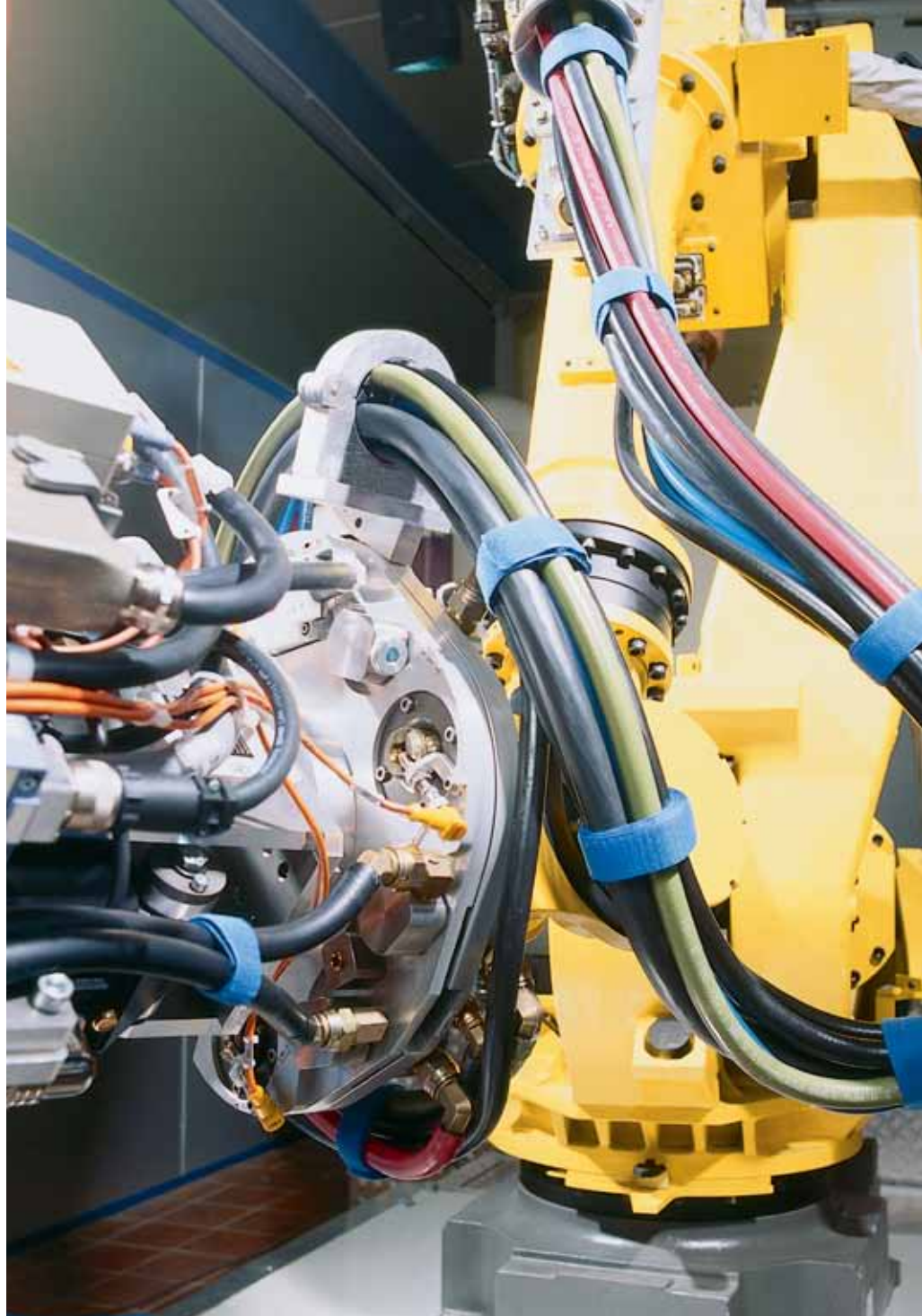




aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



Hydraulic Hoses, Fittings and Equipment

Low Pressure

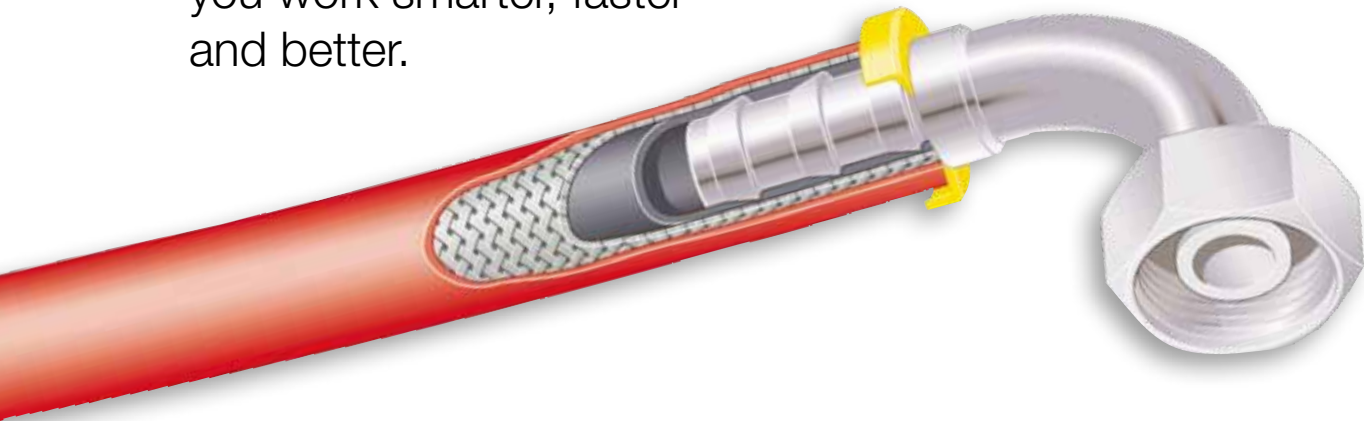


ENGINEERING YOUR SUCCESS.

Low Pressure Push-Lok®

The self-grip hose system for low-pressure applications

We're constantly updating our customer service options to help you work smarter, faster and better.



One fitting series for all hose types

with DIN, BSP, SAE, JIC and ORFS connections in brass, steel and stainless steel



Wide variety of hose types

6 rubber hose types

- 801Plus** for a variety of applications
- 804** for high-temperature water/phosphate ester fluids
- 821FR** with fire-retardant hose cover
- 831** ideal for petroleum-based fluids
- 836** for high oil temperatures
- 837BM** for a variety of applications including automotive

2 thermoplastic hose types

- 830M** for a variety of applications including automotive
- 838M** for non-conductive applications

1 hybrid hose type

- 837PU-Plus** for a variety of applications including automotive

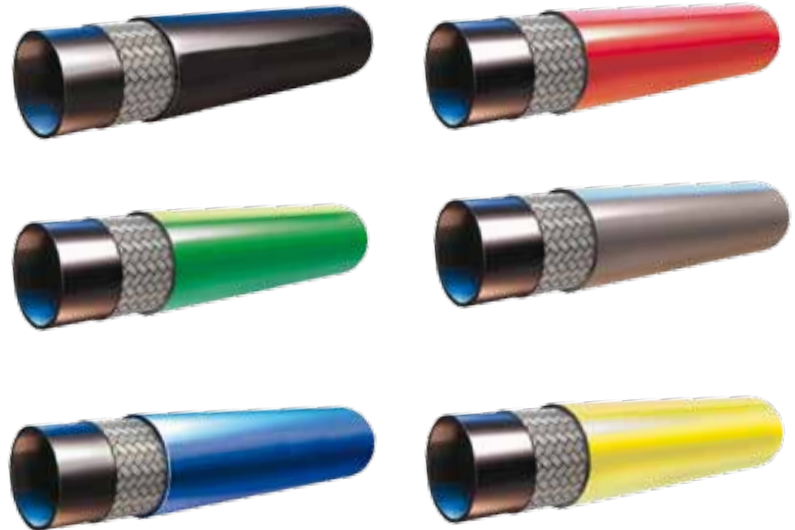
Applications

Push-Lok® hoses offer variety, excellent performance and durability for the following applications



6 different colours

- easy identification
- simple production processes
 - one colour for one particular medium
- easy control of maintenance intervals
- simple stock planning in different departments



Easy assembly – no tools or clamps required

Push-Lok® assembly (1a, b)

- Cut the hose with a sharp knife
- Push the nipple into the hose – that's all!



Push-Lok® disassembly (2a, b)

- Cut lengthwise along a line at approximately a 20° angle from the centre line of the hose. The cut should be approximately 2 cm long. Be careful not to nick barbs when cutting the hose.
- Grip hose and give a sharp downward tug to disengage from fitting.
- Before re-using the nipple, please check it for any damage.



Low Pressure Push-Lok

Hoses		Page
801Plus	Multipurpose	B1a-1
804	Phosphate Ester	B1a-2
821FR	Fire retardant	B1a-3
830M	Multipurpose	B1a-4
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836	High temperature	B1a-6
837BM	Multipurpose	B1a-7
837PU	Multipurpose	B1a-8
838M	Non-conductive	B1a-9

Fittings – 82 Series		Page
DIN-Metric		B1b-1 – B1b-7
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Multipurpose

801Plus

B1a-1



Push-Lok Plus

For a variety of applications

837PU-Plus

B1a-8



Hybrid Push-Lok

For a variety of applications
including automotive

830M

B1a-4



Push-Lok

For a variety of applications
including automotive

831

B1a-5



Push-Lok

Ideal for petroleum based fluids

837BM

B1a-7



Push-Lok

For a variety of applications
including automotive

Phosphate Ester

804

B1a-2



Push-Lok

For high temperature
water and phosphate ester fluid

High temperature

836

B1a-6



Push-Lok

For high oil temperatures

Fire retardant

821FR

B1a-3



Push-Lok

With fire retardant hose cover

Non-conductive

838M

B1a-9



Push-Lok

For non-conductive applications

801Plus

Push-Lok Plus

For a variety of applications

Primary Applications

All Markets: For low pressure applications
Paper and Pulp: For water / air applications

Restrictions

Not permitted for use in air brake systems.
Not suitable for high dynamic pulsation systems.
Not recommended for fuels (petrol, diesel etc.).
Not recommended for mineral based hydraulic and lubricating oils.

Construction

Tube: Synthetic rubber
Reinforcement: High-tensile fibre braid
Cover: High performance synthetic rubber
in different colours

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

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

- Very flexible
- Wide range of colours
- Available up to size -16

Recommended Fluids

Air, water, water-oil-emulsions and water-glycol-emulsions.
Consult the chemical compatibility section on pages **Ab-24** to **Ab-32** for more detailed information.

Fitting Series



Part Number	Hose I.D.				Hose O.D. mm	Pressure Rating				Vacuum*	min. bend radius	weight
	DN	Inch	Size	mm		max. working pressure MPa	psi	min. burst pressure MPa	psi			
801-4-XXX-RL	6	1/4	-4	6.4	12.7	2.4	350	9.7	1400	95	65	0.13
801-6-XXX-RL	10	3/8	-6	9.5	15.9	2.4	350	9.7	1400	95	75	0.16
801-8-XXX-RL	12	1/2	-8	12.7	19.8	2.1	300	8.4	1200	95	125	0.27
801-10-XXX-RL	16	5/8	-10	15.9	23.0	2.1	300	8.4	1200	51	150	0.28
801-12-XXX-RL	19	3/4	-12	19.1	26.2	2.1	300	8.4	1200	51	180	0.36
801-16-XXX-RL	25	1	-16	25.4	32.5	1.4	200	5.6	800	51	250	0.55

* the vacuum values listed in the table are vacuum pressure values in kPa. For an absolute value subtract the table value from 101 kPa

Note: when ordering, specify Push-Lok hose part number, followed by size, followed by colour. Example: 801-4-XXX-RL

XXX = BLK = black
BLU = blue
RED = red
GRN = green
GRA = grey
YEL = yellow

Example: 801-4-GRN-RL (green)



Hose layline example



804

Push-Lok

For high temperature
water and phosphate ester fluid

Primary Applications

Injection Moulding: For special tempering circuits.

Restrictions

Not permitted for use in air brake systems.

Not suitable for high dynamic pulsation systems.

Do not allow tube to contact any petroleum based fluids.

Construction

Tube: EPDM material

Reinforcement: High-tensile fibre braid

Cover: Black EPDM material

Temperature Range up to +80 °C

Exception: Air max. +70 °C

Water max. +93 °C



- For hot water up to +93 °C
- For phosphate ester fluids

Recommended Fluids

Phosphate ester based hydraulic fluids, water, water glycol emulsions, air. Use liquid soap as lubricant. Consult the chemical compatibility section on pages **Ab-24** to **Ab-32** 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
	DN	Inch	Size	mm		max. working pressure MPa	psi	min. burst pressure MPa	psi			
804-4-RL	6	1/4	-4	6.4	12.7	1.7	250	6.8	1000	51	65	0.13
804-6-RL	10	3/8	-6	9.5	15.9	1.7	250	6.8	1000	51	75	0.16
804-8-RL	12	1/2	-8	12.7	19.8	1.7	250	6.8	1000	51	130	0.27
804-12-RL	19	3/4	-12	19.1	26.2	1.7	250	6.8	1000	51	180	0.28

RL = only available on reels

Hose layline example



B1a-2

Catalogue 4400/UK

821FR

Push-Lok

With fire retardant hose cover

Primary Applications

All Markets: For a variety of applications

Restrictions

Not permitted for use in air brake systems.
Not suitable for high dynamic pulsation systems.
Not recommended for fuels (petrol, diesel etc.)

Construction

Tube: Synthetic PKR-rubber
Reinforcement: High-tensile fibre braid
Cover: A fire retardant special fiber outer cover

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

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



- Fire retardant hose cover
- Very flexible
- For high level air temperatures

Recommended Fluids

Mineral based hydraulic and lubricating oils, coolant, antifreeze, air, water and water-oil emulsions.
Consult the chemical compatibility section on pages **Ab-24** to **Ab-32** for more detailed information.

Fitting Series



Part Number	Hose I.D.				Hose O.D. mm	Pressure Rating				Vacuum*	min. bend radius mm	weight kg
	DN	Inch	Size	mm		max. working pressure MPa	psi	min. burst pressure MPa	psi			
821FR-4-XXX-RL	6	1/4	-4	6.4	12.7	2.4	350	9.7	1400	95	65	0.12
821FR-6-XXX-RL	10	3/8	-6	9.5	15.9	2.0	300	8.3	1200	95	75	0.16
821FR-8-XXX-RL	12	1/2	-8	12.7	19.8	2.0	300	8.3	1200	95	130	0.18
821FR-12-XXX-RL	19	3/4	-12	19.1	26.2	1.7	250	6.8	1000	95	180	0.33

* the vacuum values listed in the table are vacuum pressure values in kPa. For an absolute value subtract the table value from 101 kPa
Note: when ordering, specify Push-Lok hose part number, followed by size, followed by colour. Example: 821FR-4-XXX-RL

XXX = BLK = black
BLU = blue
GRN = green



Example: 821FR-4-GRN-RL (green)
RL = only available on reels

Hose layline example

PARKER PUSH-LOK 821FR-8 WP 2,0 MPa (300 PSI) 12,5 mm (1/2) 11-4Q85



830M

Push-Lok

For a variety of applications
including automotive

Primary Applications

All Markets: For a variety of applications

Robot and Automotive market:

For hose bundle systems

Restrictions

Not permitted for use in air brake systems.

Not suitable for high dynamic pulsation systems.

Not recommended for fuels (petrol, diesel etc.)

Construction

Tube: Polyurethane material

Reinforcement: High-tensile fibre braid

Cover: High performance polyurethane material
in different colours

Temperature Range -40 °C up to +80 °C



- Chemical resistant for a wide range of fluids
- High abrasion resistance
- Free of wetting disturbing substances (LABS free)
- Small OD and bend radii
- Excellent UV and ozone resistance

Recommended Fluids

Mineral based hydraulic and lubricating oils, coolant, antifreeze, air, water and water-oil emulsions.

Consult the chemical compatibility section on pages **Ab-24** to **Ab-32** for more detailed information.

Fitting Series



Part Number	Hose I.D.				Hose O.D. mm	Pressure Rating				Vacuum*	min. bend radius mm	weight kg
	DN	Inch	Size	mm		max. working pressure MPa	psi	min. burst pressure MPa	psi			
830M-4-XXX-RL	6	1/4	-4	6.4	10.7	1.6	232	6.4	928	10	30	0.08
830M-6-XXX-RL	10	3/8	-6	9.5	14.9	1.6	232	6.4	928	10	50	0.13
830M-8-XXX-RL	12	1/2	-8	12.7	19.1	1.6	232	6.4	928	10	70	0.20
830M-10-XXX-RL	16	5/8	-10	15.9	23.0	1.6	232	6.4	928	10	90	0.26
830M-12-XXX-RL	19	3/4	-12	19.1	26.0	1.6	232	6.4	928	10	110	0.31

* the vacuum values listed in the table are vacuum pressure values in kPa. For an absolute value subtract the table value from 101 kPa

Note: when ordering, specify Push-Lok hose part number, followed by size, followed by colour. Example: 830M-4-XXX-RL

XXX = BLK = black

BLU = blue

RED = red

GRN = green

Example: 830M-4-GRN-RL (green)

RL = only available on reels



831

Push-Lok

Ideal for petroleum based fluids

Primary Applications

All Markets: For a wide range of fluids

Restrictions

Not permitted for use in air brake systems.
Not suitable for high dynamic pulsation systems.
Not recommended for fuels (petrol, diesel etc.)

Construction

Tube: Nitrile (NBR)
Reinforcement: High-tensile fibre braid
Cover: High performance synthetic rubber
in different colours

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

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



- Max. working pressure up to 2.4 MPa
- High temperature level for petroleum based fluids
- Nitrile (NBR) inner tube – extended fluid compatibility

Recommended Fluids

Mineral based hydraulic and lubricating oils, coolant, antifreeze, air, water and water-oil emulsions.
Consult the chemical compatibility section on pages **Ab-24** to **Ab-32** for more detailed information.

Fitting Series



Part Number	Hose I.D.				Hose O.D. mm	Pressure Rating				Vacuum*	min. bend radius mm	weight kg
	DN	Inch	Size	mm		max. working pressure MPa	psi	min. burst pressure MPa	psi			
831-4-XXX-RL	6	1/4	-4	6.4	12.7	2.4	350	9.7	1400	95	65	0.13
831-6-XXX-RL	10	3/8	-6	9.5	15.9	2.0	300	8.3	1200	95	75	0.16
831-8-XXX-RL	12	1/2	-8	12.7	19.8	2.0	300	8.3	1200	95	130	0.27
831-10-XXX-RL	16	5/8	-10	15.9	23.0	2.0	300	8.3	1200	51	150	0.28
831-12-XXX-RL	19	3/4	-12	19.1	26.2	2.0	300	8.3	1200	51	180	0.36
831-16-XXX-RL	25	1	-16	25.4	32.5	1.4	200	5.5	800	51	250	0.37

* the vacuum values listed in the table are vacuum pressure values in kPa. For an absolute value subtract the table value from 101 kPa
Note: when ordering, specify Push-Lok hose part number, followed by size, followed by colour. Example: 831-4-XXX-RL

XXX = BLK = black
BLU = blue
RED = red
GRN = green



Example: 831-4-GRN-RL (green)
RL = only available on reels

Hose layline example

PARKER PUSH-LOK 831-8 WP 2,1 MPa (300 PSI) | • • 12,5 mm (1/2)



836

Push-Lok

For high oil temperatures

Primary Applications

All Markets: Special high temperature applications

Type Approvals

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

Restrictions

Not permitted for use in air brake systems.

Not suitable for high dynamic pulsation systems.

Not recommended for fuels (petrol, diesel etc.)

Construction

Tube: Synthetic PKR rubber

Reinforcement: High-tensile fibre braid

Cover: MSHA approved
blue synthetic PKR rubber

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

Exception: Air max. +100 °C

Water max. +85 °C



- Max. oil temperature up to +150 °C
- Blue hose cover
- MSHA approved

Recommended Fluids

Mineral based hydraulic and lubricating oils, coolant, antifreeze, air, water and water-oil emulsions.

Consult the chemical compatibility section on pages **Ab-24** to **Ab-32** for more detailed information.

Fitting Series



Part Number	Hose I.D.				Hose O.D. mm	Pressure Rating				Vacuum*	min. bend radius mm	weight kg
	DN	Inch	Size	mm		max. working pressure MPa	psi	min. burst pressure MPa	psi			
836-4-RL	6	1/4	-4	6.4	12.7	2.8	406	11.2	1624	95	65	0.13
836-6-RL	10	3/8	-6	9.5	15.7	2.8	406	11.2	1624	95	75	0.16
836-8-RL	12	1/2	-8	12.7	19.8	2.8	406	11.2	1624	95	130	0.27
836-10-RL	16	5/8	-10	15.9	23.1	2.4	348	9.6	1392	51	150	0.28
836-12-RL	19	3/4	-12	19.1	26.2	2.1	305	8.4	1220	51	180	0.36

* the vacuum values listed in the table are vacuum pressure values in kPa. For an absolute value subtract the table value from 101 kPa
RL = only available on reels

Hose layline example

PARKER HI-TEMP PUSH-LOK 836-8 WP 1,7 MPa (250 PSI) MSHA IC-40/22 I • • 12,5 mm (1/2)



837BM

Push-Lok

For a variety of applications
including automotive

Primary Applications

All Markets: For a variety of applications
Automotive: For water / air applications

Restrictions

Not permitted for use in air brake systems
Not suitable for high dynamic pulsation systems
Not recommended for fuels (petrol, diesel etc.)
Not recommended for mineral based hydraulic
and lubricating oils

Construction

Tube: Synthetic rubber
Reinforcement: High-tensile fibre braid
Cover: High performance synthetic rubber
in different colours

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

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



- High level of hose flexibility
- High abrasion resistance
- Free from wetting disturbing substances
- Low push-in forces

Recommended Fluids

Air, dry air, water, water-oil-emulsions and
water-glycol-emulsions.

Consult the chemical compatibility section on
pages **Ab-24** to **Ab-32** for more detailed information.

Fitting Series



Part Number	Hose I.D.				Hose O.D. mm	Pressure Rating				Vacuum*	min. bend radius mm	weight kg
	DN	Inch	Size	mm		max. working pressure MPa	psi	min. burst pressure MPa	psi			
837BM-4-XXX-RL	6	1/4	-4	6.4	12.7	1.6	235	6.4	940	95	65	0.13
837BM-6-XXX-RL	10	3/8	-6	9.5	15.9	1.6	235	6.4	940	95	75	0.16
837BM-8-XXX-RL	12	1/2	-8	12.7	19.8	1.6	235	6.4	940	95	130	0.27
837BM-10-XXX-RL	16	5/8	-10	15.9	23.0	1.6	235	6.4	940	51	150	0.28
837BM-12-XXX-RL	19	3/4	-12	19.1	26.2	1.6	235	6.4	940	51	180	0.36
837BM-16-XXX-RL	25	1	-16	25.4	32.5	1.4	200	5.6	800	51	250	0.55

* the vacuum values listed in the table are vacuum pressure values in kPa. For an absolute value subtract the table value from 101 kPa
Note: when ordering, specify Push-Lok hose part number, followed by size, followed by colour. Example: 837BM-4-XXX-RL

XXX = BLK = black
BLU = blue
RED = red
GRN = green
GRA = grey



Example: 837BM-4-GRN-RL (green)
RL = only available on reels

Hose layline example

PARKER PUSH-LOK 837BM-10 WP 1,6 MPa (235 PSI) | • • 16 mm [5/8]



837PU-Plus

Hybrid Push-Lok

For a variety of applications
including automotive

Primary Applications

All Markets: For high demand applications
For energy chain systems
Robot and Automotive market:
For hose bundle systems

Restrictions

Not permitted for use in air brake systems
Not suitable for high dynamic pulsation systems
Not recommended for fuels (petrol, diesel etc.)
Not recommended for mineral based hydraulic
and lubricating oils

Construction

Tube: Synthetic rubber
Reinforcement: High-tensile fibre braid
Cover: High performance polyurethane material
in different colours

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

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



- High level of hose flexibility
- High abrasion resistance
- High torsion resistance
- Free from wetting disturbing substances
- Low push-in forces

Recommended Fluids

Air, dry air, water, water-oil-emulsions and
water-glycol-emulsions.
Consult the chemical compatibility section on
pages **Ab-24** to **Ab-32** 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
	DN	Inch	Size	mm		max. working pressure MPa	psi	min. burst pressure MPa	psi			
837PU-4-xxx-RL	6	1/4	-4	6.4	12.7	1.6	235	6.4	940	95	30	0.11
837PU-6-xxx-RL	10	3/8	-6	9.5	15.9	1.6	235	6.4	940	95	50	0.15
837PU-8-xxx-RL	12	1/2	-8	12.7	19.8	1.6	235	6.4	940	95	70	0.26
837PU-10-xxx-RL	16	5/8	-10	15.9	23.0	1.6	235	6.4	940	51	90	0.27
837PU-12-xxx-RL	19	3/4	-12	19.1	26.2	1.6	235	6.4	940	51	110	0.33
837PU-16-xxx-RL	25	1	-16	25.4	32.5	1.6	235	6.4	940	51	180	0.52

* the vacuum values listed in the table are vacuum pressure values in kPa. For an absolute value subtract the table value from 101 kPa

Note: when ordering, specify Push-Lok hose part number, followed by size, followed by colour. Example: 837PU-4-XXX-RL

XXX = BLK = black
BLU = blue
RED = red
GRN = green
GRA = grey



Example: 837PU-4-GRN-RL (green)

RL = only available on reels

Hose layline example

PARKER PUSH-LOK 837PU-Plus-8 WP 1,6 MPa [235 PSI] | ° 12,5 mm [1/2]



838M

Push-Lok

For non-conductive applications

Primary Applications

Special Market: For special electrical requirements,
e.g. cooling lines with de-ionized water

Restrictions

Not permitted for use in air brake systems.
Not suitable for high dynamic pulsation systems.
Not recommended for fuels (petrol, diesel etc.)

Construction

Tube: Polyurethane material
Reinforcement: High-tensile fibre braid
Cover: Orange coloured polyurethane material

Temperature Range -40 °C up to +80 °C



- Non conductive hose
- High level of hose flexibility

Recommended Fluids

Mineral based hydraulic and lubricating oils, coolant, antifreeze, water, water-oil emulsions.
Consult the chemical compatibility section on pages **Ab-24** to **Ab-32** for more detailed information.

Fitting Series

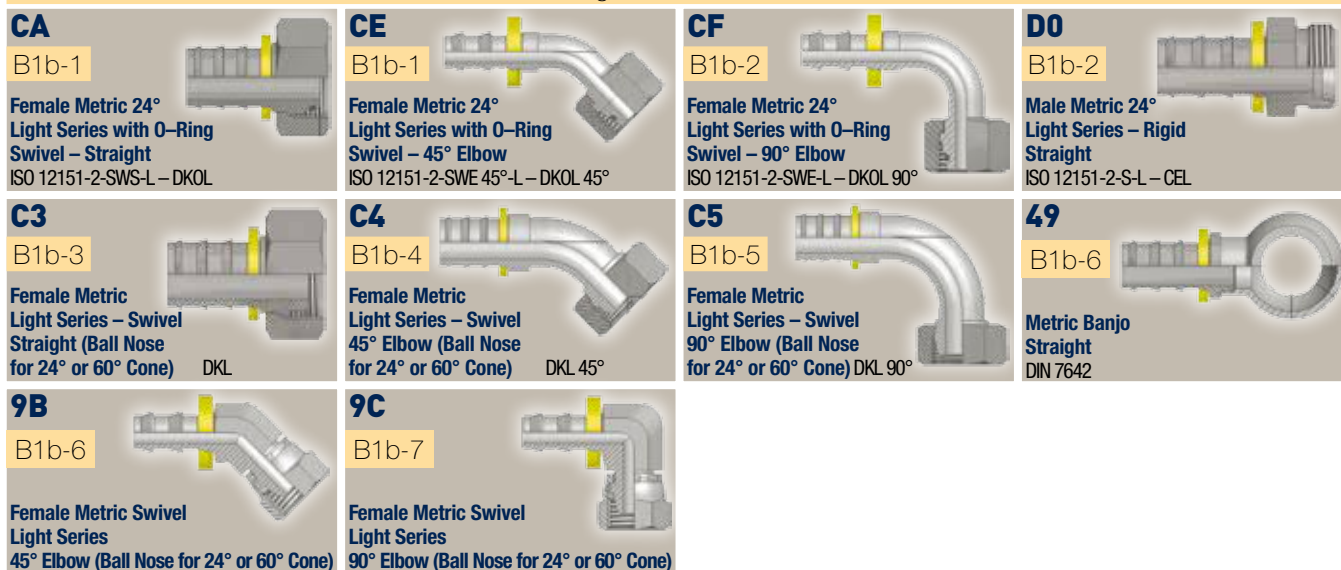


Part Number	Hose I.D.				Hose O.D. mm	Pressure Rating				Vacuum*	min. bend radius mm	weight kg
	DN	Inch	Size	mm		max. working pressure MPa	psi	min. burst pressure MPa	psi			
838M-4-RL	6	1/4	-4	6.4	11.2	1.6	232	6.4	928	10	30	0.08
838M-6-RL	10	3/8	-6	9.5	15.0	1.6	232	6.4	928	10	50	0.13
838M-8-RL	12	1/2	-8	12.7	19.1	1.6	232	6.4	928	10	70	0.20
838M-10-RL	16	5/8	-10	15.9	23.0	1.6	232	6.4	928	10	90	0.26
838M-12-RL	19	3/4	-12	19.1	26.0	1.6	232	6.4	928	10	110	0.31

* the vacuum values listed in the table are vacuum pressure values in kPa. For an absolute value subtract the table value from 101 kPa
RL = only available on reels

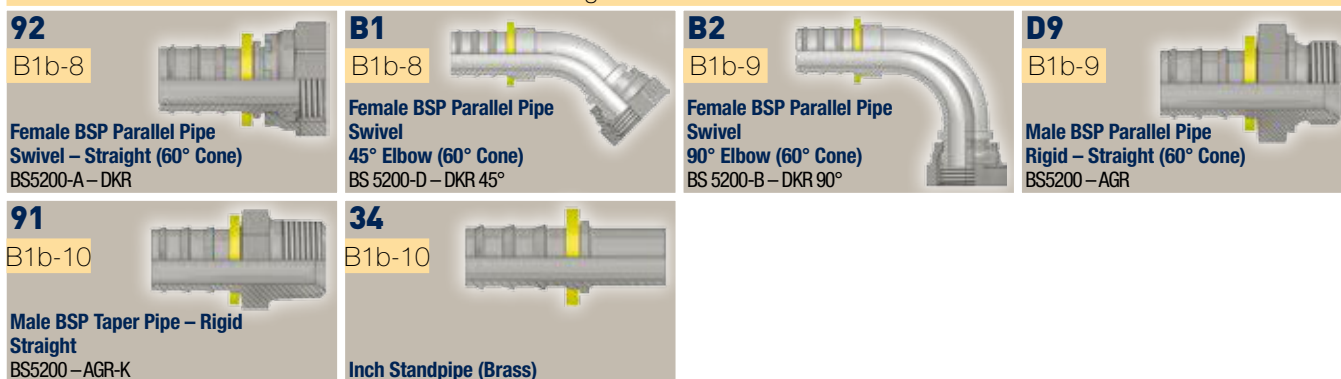
DIN – Metric

Page B1b-1 – B1b-7



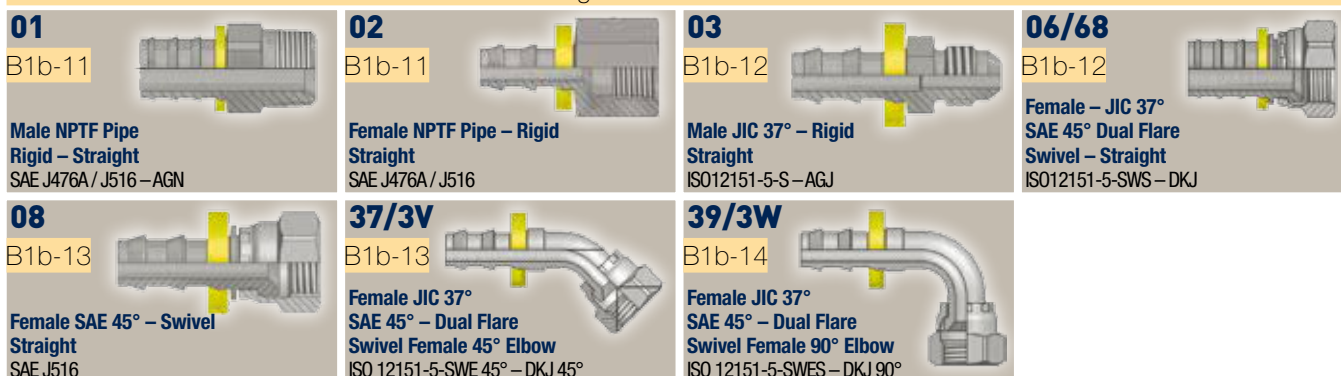
BSP

Page B1b-8 – B1b-10



SAE

Page B1b-11 – B1b-14



ORFS

Page B1b-15

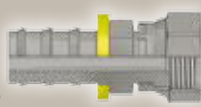
JC

B1b-15

Female ORFS
Swivel – Straight
Short

ISO 12151-1 – SWSA

SAE J516 – ORFS



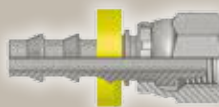
Others

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FF

B1b-16

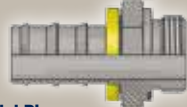
Metru-Lok Swivel Female



AF

B1b-16

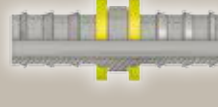
Male BSP Parallel Pipe
Rigid – Straight
(with O-ring Seal)



82

B1b-17

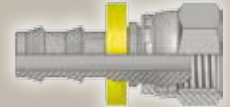
Push-Lok® Union



5C

B1b-17

60° Cone Swivel Female



6C

B1b-18

60° Cone Swivel Female
45° Elbow



7C

B1b-18

60° Cone Swivel Female
90° Elbow



Assembly Instructions / Tools

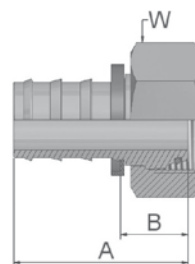
Page B1b-19

82 Series

CA

**Female Metric 24°
Light Series with O-Ring
Swivel – Straight**

ISO 12151-2-SWS-L – DKOL

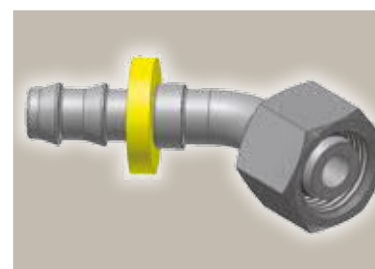
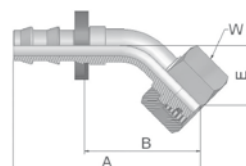


Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	W mm
	DN	Inch	Size	mm					
3CA82-6-4B	6	1/4	-4	6.4	M12x1.5	6	40	21	14
3CA82-6-4	6	1/4	-4	6.4	M12x1.5	6	40	21	14
3CA82-8-4	6	1/4	-4	6.4	M14x1.5	8	36	17	17
3CA82-8-4B	6	1/4	-4	6.4	M14x1.5	8	36	17	17
3CA82-10-4	6	1/4	-4	6.4	M16x1.5	10	36	17	19
3CA82-10-6	10	3/8	-6	9.5	M16x1.5	10	40	17	19
3CA82-10-6B	10	3/8	-6	9.5	M16x1.5	10	39	17	19
3CA82-12-6	10	3/8	-6	9.5	M18x1.5	12	40	17	22
3CA82-12-6B	10	3/8	-6	9.5	M18x1.5	12	39	17	22
3CA82-15-8	12	1/2	-8	12.7	M22x1.5	15	44	18	27
3CA82-15-8B	12	1/2	-8	12.7	M22x1.5	15	44	17	27
3CA82-15-10B	16	5/8	-10	15.9	M22x1.5	15	60	23	27
3CA82-18-10	16	5/8	-10	15.9	M26x1.5	18	56	19	32
3CA82-22-12B	19	3/4	-12	19.1	M30x2	22	58	21	36
3CA82-22-12	19	3/4	-12	19.1	M30x2	22	58	21	36

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
	DN	Inch	Size	mm						
3CE82-6-4	6	1/4	-4	6.4	M12x1.5	6	56	37	21	14
3CE82-8-4	6	1/4	-4	6.4	M14x1.5	8	51	31	16	17
3CE82-10-6	10	3/8	-6	9.5	M16x1.5	10	59	37	19	19
3CE82-12-6	10	3/8	-6	9.5	M18x1.5	12	60	37	19	22
3CE82-15-8	12	1/2	-8	12.7	M22x1.5	15	69	43	21	27
3CE82-18-10	16	5/8	-10	15.9	M26x1.5	18	83	46	23	32
3CE82-22-12	19	3/4	-12	19.1	M30x2	22	97	60	26	36

Also available in stainless steel. Details can be found in CAT 4400.1/UK

Approved **fitting series** for hose types:

K: without plastic ring; **B:** Brass; **SM:** Metric Hexagon

82 801 804 821FR 830M 831 836 837BM 837PU 838M

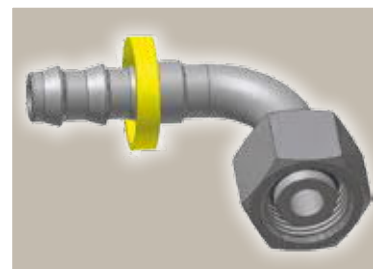
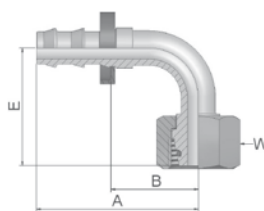


B1b-1

Catalogue 4400/UK

CF Female Metric 24° Light Series with O-Ring Swivel – 90° Elbow

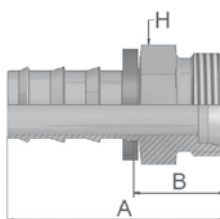
ISO 12151-2-SWE-L – DKOL 90°



Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm						
3CF82-6-4	6	1/4	-4	6.4	M12x1.5	6	42	23	36	14
3CF82-8-4	6	1/4	-4	6.4	M14x1.5	8	41	23	29	17
3CF82-10-4	6	1/4	-4	6.4	M16x1.5	10	42	23	31	19
3CF82-10-6	10	3/8	-6	9.5	M16x1.5	10	49	27	35	19
3CF82-10-6B	10	3/8	-6	9.5	M16x1.5	10	49	27	35	19
3CF82-12-6B	10	3/8	-6	9.5	M18x1.5	12	49	27	35	22
3CF82-12-6	10	3/8	-6	9.5	M18x1.5	12	49	27	35	22
3CF82-15-8B	12	1/2	-8	12.7	M22x1.5	15	60	34	41	27
3CF82-15-8	12	1/2	-8	12.7	M22x1.5	15	60	34	41	27
3CF82-18-10	16	5/8	-10	15.9	M26x1.5	18	74	37	45	32
3CF82-22-12	19	3/4	-12	19.1	M30x2	22	88	52	55	36

DO Male Metric 24° Light Series – Rigid Straight

ISO 12151-2-S-L – CEL



Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	H mm
	DN	Inch	Size	mm					
3D082-6-4	6	1/4	-4	6.4	M12x1.5	6	35	16	12
3D082-8-4	6	1/4	-4	6.4	M14x1.5	8	36	17	14
3D082-10-6B	10	3/8	-6	9.5	M16x1.5	10	41	18	17
3D082-10-6	10	3/8	-6	9.5	M16x1.5	10	41	18	17
3D082-12-6B	10	3/8	-6	9.5	M18x1.5	12	41	18	19
3D082-12-6	10	3/8	-6	9.5	M18x1.5	12	41	18	19
3D082-15-8BK	12	1/2	-8	12.7	M22x1.5	15	49	22	22
3D082-15-8B	12	1/2	-8	12.7	M22x1.5	15	49	22	22
3D082-15-8	12	1/2	-8	12.7	M22x1.5	15	49	23	22
3D082-18-8	12	1/2	-8	12.7	M26x1.5	18	48	21	27
3D082-18-10	16	5/8	-10	15.9	M26x1.5	18	58	21	27
3D082-22-12B	19	3/4	-12	19.1	M30x2	22	63	27	30
3D082-22-12	19	3/4	-12	19.1	M30x2	22	63	27	30
3D082-22-12BK	19	3/4	-12	19.1	M30x2	22	63	27	30

Also available in stainless steel. Details can be found in CAT 4400.1/UK

Approved **fitting series** for hose types:

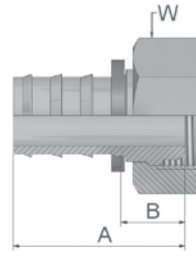
K: without plastic ring; **B:** Brass; **SM:** Metric Hexagon

82 801 804 821FR 830M 831 836 837BM 837PU 838M

C3

Female Metric Light Series – Swivel Straight (Ball Nose for 24° or 60° Cone)

DKL



Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	W mm
	DN	Inch	Size	mm					
3C382-6-4	6	1/4	-4	6.4	M12x1.5	6	33	14	14
3C382-6-4BK	6	1/4	-4	6.4	M12x1.5	6	33	14	14
3C382-6-4B	6	1/4	-4	6.4	M12x1.5	6	33	14	14
3C382-8-4	6	1/4	-4	6.4	M14x1.5	8	33	14	17
3C382-8-4BK	6	1/4	-4	6.4	M14x1.5	8	36	17	19
3C382-8-4B	6	1/4	-4	6.4	M14x1.5	8	36	17	19
3C382-10-4	6	1/4	-4	6.4	M16x1.5	10	34	15	19
3C382-10-4BK	6	1/4	-4	6.4	M16x1.5	10	34	15	19
3C382-10-6	10	3/8	-6	9.5	M16x1.5	10	37	15	19
3C382-10-6BK	10	3/8	-6	9.5	M16x1.5	10	40	17	19
3C382-10-6B	10	3/8	-6	9.5	M16x1.5	10	40	17	19
3C382-12-6BK	10	3/8	-6	9.5	M18x1.5	12	40	17	22
3C382-12-6	10	3/8	-6	9.5	M18x1.5	12	38	16	22
3C382-15-8	12	1/2	-8	12.7	M22x1.5	15	42	15	27
3C382-15-8B	12	1/2	-8	12.7	M22x1.5	15	46	19	27
3C382-15-8BK	12	1/2	-8	12.7	M22x1.5	15	46	19	27
3C382-15-10	16	5/8	-10	15.9	M22x1.5	15	56	19	27
3C382-18-10B	16	5/8	-10	15.9	M26x1.5	18	58	22	32
3C382-18-10	16	5/8	-10	15.9	M26x1.5	18	53	17	32
3C382-18-10BK	16	5/8	-10	15.9	M26x1.5	18	58	22	32
3C382-22-12B	19	3/4	-12	19.1	M30x2	22	58	22	36
3C382-22-12	19	3/4	-12	19.1	M30x2	22	53	17	36
3C382-22-12BK	19	3/4	-12	19.1	M30x2	22	58	22	36
3C382-28-16	25	1	-16	25.4	M36x2	28	58	22	41
3C382-28-16-K	25	1	-16	25.4	M36x2	28	58	22	41
3C382-28-16BK	25	1	-16	25.4	M36x2	28	58	22	41

82 Series

Also available in stainless steel. Details can be found in CAT 4400.1/UK

Approved **fitting series** for hose types:

K: without plastic ring; **B:** Brass; **SM:** Metric Hexagon

82 801 804 821FR 830M 831 836 837BM 837PU 838M

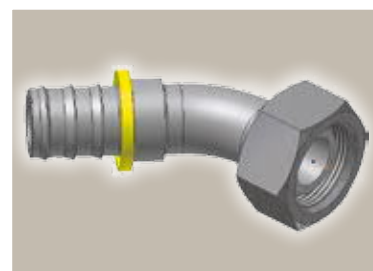
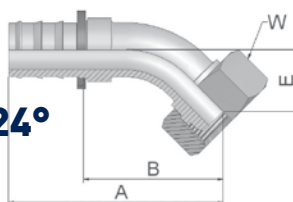


B1b-3

Catalogue 4400/UK

C4 Female Metric Light Series – Swivel 45° Elbow (Ball Nose for 24° or 60° Cone)

DKL 45°



Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm						
3C482-6-4	6	1/4	-4	6.4	M12x1.5	6	51	32	16	14
3C482-6-4B	6	1/4	-4	6.4	M12x1.5	6	51	32	16	14
3C482-8-4	6	1/4	-4	6.4	M14x1.5	8	51	32	16	17
3C482-8-4B	6	1/4	-4	6.4	M14x1.5	8	51	32	16	17
3C482-10-6	10	3/8	-6	9.5	M16x1.5	10	58	35	18	19
3C482-10-6B	10	3/8	-6	9.5	M16x1.5	10	58	35	17	19
3C482-12-6	10	3/8	-6	9.5	M18x1.5	12	59	36	18	22
3C482-12-6B	10	3/8	-6	9.5	M18x1.5	12	58	36	18	22
3C482-15-8B	12	1/2	-8	12.7	M22x1.5	15	67	41	19	27
3C482-15-8	12	1/2	-8	12.7	M22x1.5	15	68	41	19	27
3C482-15-10	16	5/8	-10	15.9	M22x1.5	15	82	45	21	27
3C482-15-10B	16	5/8	-10	15.9	M22x1.5	15	82	45	21	27
3C482-18-10	16	5/8	-10	15.9	M26x1.5	18	81	45	21	32
3C482-18-10B	16	5/8	-10	15.9	M26x1.5	18	81	45	21	32
3C482-18-12	19	3/4	-12	19.1	M26x1.5	18	96	60	26	32
3C482-22-12	19	3/4	-12	19.1	M30x2	22	88	52	23	36
3C482-22-12B	19	3/4	-12	19.1	M30x2	22	88	52	23	36
3C482-28-16-K	25	1	-16	25.4	M36x2	28	110	73	31	41

Also available in stainless steel. Details can be found in CAT 4400.1/UK

Approved **fitting series** for hose types:

K: without plastic ring; **B:** Brass; **SM:** Metric Hexagon

82 801 804 821FR 830M 831 836 837BM 837PU 838M

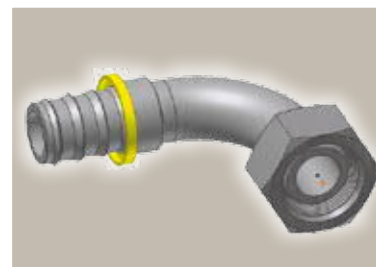
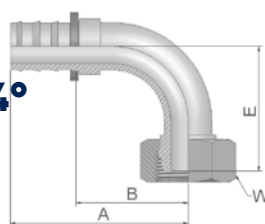


B1b-4

Catalogue 4400/UK

C5 Female Metric Light Series – Swivel 90° Elbow (Ball Nose for 24° or 60° Cone)

DKL 90°



Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm						
3C582-6-4	6	1/4	-4	6.4	M12x1.5	6	42	23	29	14
3C582-8-4	6	1/4	-4	6.4	M14x1.5	8	42	23	29	17
3C582-8-4B	6	1/4	-4	6.4	M14x1.5	8	41	23	29	17
3C582-10-4	6	1/4	-4	6.4	M16x1.5	10	42	23	29	19
3C582-10-6	10	3/8	-6	9.5	M16x1.5	10	49	27	33	19
3C582-12-6B	10	3/8	-6	9.5	M18x1.5	12	49	27	34	22
3C582-12-6	10	3/8	-6	9.5	M18x1.5	12	49	27	34	22
3C582-15-8	12	1/2	-8	12.7	M22x1.5	15	65	38	39	27
3C582-15-8B	12	1/2	-8	12.7	M22x1.5	15	65	38	39	27
3C582-18-10B	16	5/8	-10	15.9	M26x1.5	18	74	37	43	32
3C582-18-10	16	5/8	-10	15.9	M26x1.5	18	74	37	43	32
3C582-22-12B	19	3/4	-12	19.1	M30x2	22	88	52	50	36
3C582-22-12	19	3/4	-12	19.1	M30x2	22	88	51	50	36
3C582-28-16B	25	1	-16	25.4	M36x2	28	101	64	66	41
3C582-28-16-K	25	1	-16	25.4	M36x2	28	99	61	70	41

82 Series

Also available in stainless steel. Details can be found in CAT 4400.1/UK

Approved **fitting series** for hose types:

K: without plastic ring; **B:** Brass; **SM:** Metric Hexagon

82 801 804 821FR 830M 831 836 837BM 837PU 838M

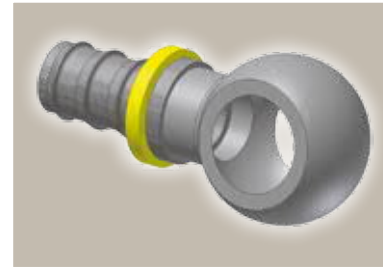
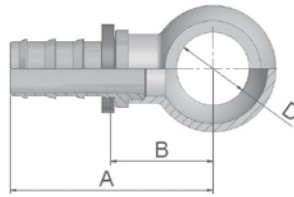


B1b-5

Catalogue 4400/UK

49 Metric Banjo Straight

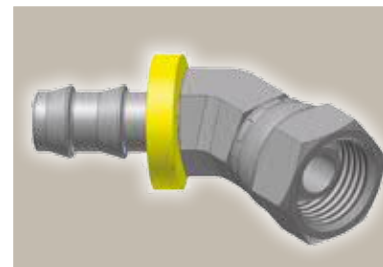
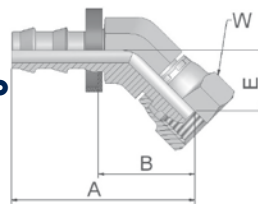
DIN 7642



Part Number	Hose I.D.				A mm	B mm	D mm
	DN	Inch	Size	mm			
34982-8-4	6	1/4	-4	6.4	36	17	8
34982-10-4	6	1/4	-4	6.4	38	19	10
34982-12-4	6	1/4	-4	6.4	40	21	12
34982-14-4	6	1/4	-4	6.4	42	23	14
34982-10-6	10	3/8	-6	9.5	42	19	10
34982-12-6	10	3/8	-6	9.5	44	21	12
34982-14-6	10	3/8	-6	9.5	47	24	14
34982-16-6	10	3/8	-6	9.5	49	26	16
34982-17-6	10	3/8	-6	9.5	49	26	17
34982-14-8	12	1/2	-8	12.7	51	25	14
34982-18-8	12	1/2	-8	12.7	55	28	18
34982-22-8	12	1/2	-8	12.7	57	31	22
34982-22-10	16	5/8	-10	15.9	68	32	22
34982-26-12	19	3/4	-12	19.1	74	38	26

9B Female Metric Swivel Light Series

45° Elbow (Ball Nose for 24° or 60° Cone)



Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm						
39B82-6-4BK	6	1/4	-4	6.4	M12x1.5	6	44	25	16	14
39B82-8-4BK	6	1/4	-4	6.4	M14x1.5	8	43	24	15	19
39B82-10-6BK	10	3/8	-6	9.5	M16x1.5	10	48	25	16	19
39B82-12-6BK	10	3/8	-6	9.5	M18x1.5	12	50	27	17	22
39B82-15-8BK	12	1/2	-8	12.7	M22x1.5	15	54	28	18	27

Also available in stainless steel. Details can be found in CAT 4400.1/UK

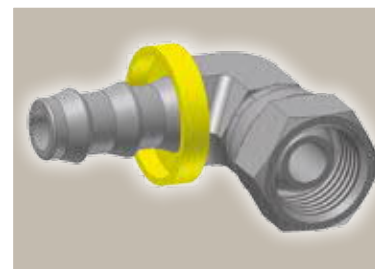
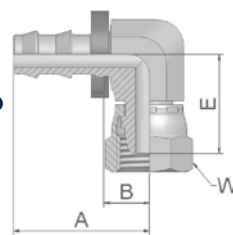
Approved **fitting series** for hose types:

K: without plastic ring; **B:** Brass; **SM:** Metric Hexagon

82 801 804 821FR 830M 831 836 837BM 837PU 838M

9C

Female Metric Swivel Light Series 90° Elbow (Ball Nose for 24° or 60° Cone)



Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm						
39C82-6-4BK	6	1/4	-4	6.4	M12x1.5	6	30	11	22	14
39C82-8-4BK	6	1/4	-4	6.4	M14x1.5	8	30	11	22	19
39C82-10-6BK	10	3/8	-6	9.5	M16x1.5	10	34	12	25	19
39C82-12-6BK	10	3/8	-6	9.5	M18x1.5	12	34	11	25	22
39C82-15-8BK	12	1/2	-8	12.7	M22x1.5	15	42	16	32	27

82 Series

Approved **fitting series** for hose types:

Also available in stainless steel. Details can be found in CAT 4400.1/UK

K: without plastic ring; **B:** Brass; **SM:** Metric Hexagon

82 801 804 821FR 830M 831 836 837BM 837PU 838M

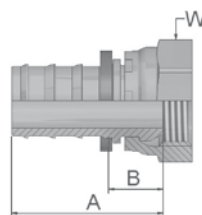


B1b-7

Catalogue 4400/UK

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

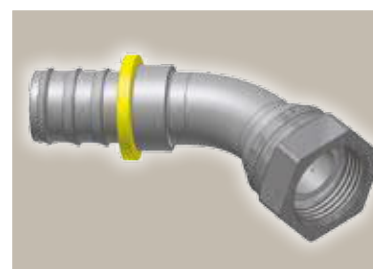
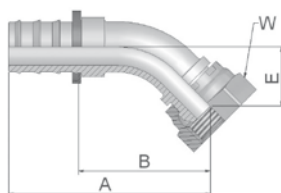
BS5200-A – DKR



Part Number	Hose I.D.				Thread BSP	A mm	B mm	W mm
	DN	Inch	Size	mm				
39282-4-4	6	1/4	-4	6.4	1/4x19	33	14	17
39282-4-4B	6	1/4	-4	6.4	1/4x19	36	16	17
39282-6-4B	6	1/4	-4	6.4	3/8x19	37	18	22
39282-6-6	10	3/8	-6	9.5	3/8x19	37	14	19
39282-8-8B	12	1/2	-8	12.7	1/2x14	46	19	27
39282-8-8	12	1/2	-8	12.7	1/2x14	42	15	27
39282-10-10	16	5/8	-10	15.9	5/8x14	53	16	30
39282-10-10B	16	5/8	-10	15.9	5/8x14	55	18	30
39282-12-12	19	3/4	-12	19.1	3/4x14	58	21	32
39282-16-16B	25	1	-16	25.4	1x11	57	21	41

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
	DN	Inch	Size	mm					
3B182-4-4	6	1/4	-4	6.4	1/4x19	51	32	16	17
3B182-6-6	10	3/8	-6	9.5	3/8x19	58	35	17	19
3B182-6-6B	10	3/8	-6	9.5	3/8x19	58	35	17	19
3B182-8-8B	12	1/2	-8	12.7	1/2x14	67	41	19	27
3B182-8-8	12	1/2	-8	12.7	1/2x14	68	41	19	27
3B182-10-10	16	5/8	-10	15.9	5/8x14	81	45	21	30
3B182-12-12	19	3/4	-12	19.1	3/4x14	92	55	27	32
3B182-16-16-K	25	1	-16	25.4	1x11	107	70	33	41

Also available in stainless steel. Details can be found in CAT 4400.1/UK

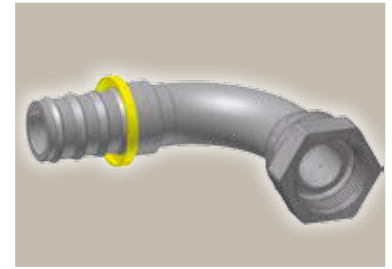
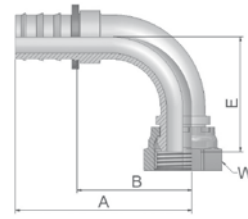
Approved **fitting series** for hose types:

K: without plastic ring; **B:** Brass; **SM:** Metric Hexagon

82 801 804 821FR 830M 831 836 837BM 837PU 838M

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

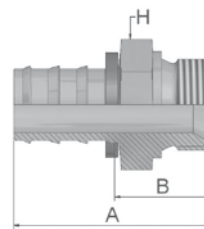
BS 5200-B – DKR 90°



Part Number	Hose I.D.				Thread BSP	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm					
3B282-4-4	6	1/4	-4	6.4	1/4x19	42	23	29	17
3B282-6-6	10	3/8	-6	9.5	3/8x19	49	26	33	19
3B282-8-8B	12	1/2	-8	12.7	1/2x14	60	34	39	27
3B282-8-8	12	1/2	-8	12.7	1/2x14	60	34	39	27
3B282-10-8	12	1/2	-8	12.7	5/8x14	58	32	40	30
3B282-10-10	16	5/8	-10	15.9	5/8x14	74	37	43	30
3B282-10-10B	16	5/8	-10	15.9	5/8x14	74	37	44	30
3B282-12-12	19	3/4	-12	19.1	3/4x14	83	46	53	32
3B282-12-12B	19	3/4	-12	19.1	3/4x14	83	46	53	32
3B282-16-16-K	25	1	-16	25.4	1x11	99	61	68	41

D9 Male BSP Parallel Pipe Rigid – Straight (60° Cone)

BS5200 – AGR



Part Number	Hose I.D.				Thread BSP	A mm	B mm	H mm
	DN	Inch	Size	mm				
3D982-2-4	6	1/4	-4	6.4	1/8x28	36	17	14
3D982-4-4B	6	1/4	-4	6.4	1/4x19	41	23	19
3D982-4-4	6	1/4	-4	6.4	1/4x19	41	23	19
3D982-4-6B	10	3/8	-6	9.5	1/4x19	44	21	19
3D982-4-6	10	3/8	-6	9.5	1/4x19	44	21	19
3D982-6-6	10	3/8	-6	9.5	3/8x19	45	23	22
3D982-8-8B	12	1/2	-8	12.7	1/2x14	53	27	27
3D982-8-8	12	1/2	-8	12.7	1/2x14	53	27	27
3D982-8-10	16	5/8	-10	15.9	1/2x14	62	25	27
3D982-12-12	19	3/4	-12	19.1	3/4x14	65	28	32

Also available in stainless steel. Details can be found in CAT 4400.1/UK

Approved **fitting series** for hose types:

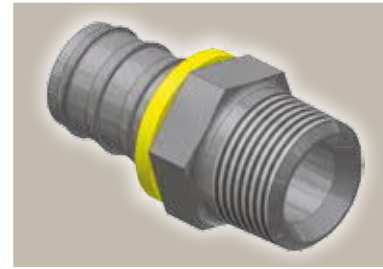
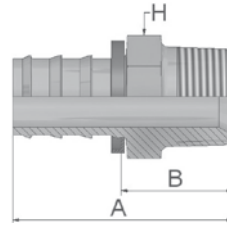
K: without plastic ring; **B:** Brass; **SM:** Metric Hexagon

82 801 804 821FR 830M 831 836 837BM 837PU 838M



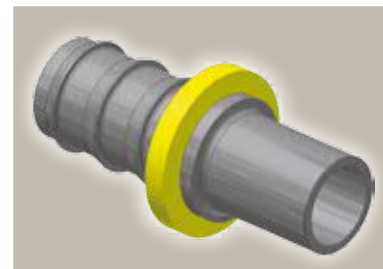
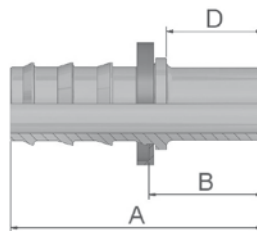
91 Male BSP Taper Pipe – Rigid Straight

BS5200 – AGR-K



Part Number	Hose I.D.				Thread BSP	A mm	B mm	H mm
	DN	Inch	Size	mm				
39182-2-4B	6	1/4	-4	6.4	1/8x28	37	18	12
39182-4-4B	6	1/4	-4	6.4	1/4x19	40	21	14
39182-4-6B	10	3/8	-6	9.5	1/4x19	44	21	14
39182-6-6B	10	3/8	-6	9.5	3/8x19	45	22	19
39182-6-8B	12	1/2	-8	12.7	3/8x19	49	22	19
39182-8-8B	12	1/2	-8	12.7	1/2x14	55	29	22
39182-8-10B	16	5/8	-10	15.9	1/2x14	65	28	22
39182-12-10B	16	5/8	-10	15.9	3/4x14	69	32	30
39182-12-12B	19	3/4	-12	19.1	3/4x14	69	32	30

34 Inch Standpipe (Brass)



Part Number	Hose I.D.				A mm	B mm	D mm
	DN	Inch	Size	mm			
33482-4-4B	6	1/4	-4	6.4	48	29	26
33482-6-6B	10	3/8	-6	9.5	57	34	31
33482-8-8B	12	1/2	-8	12.7	55	28	25
33482-10-10B	16	5/8	-10	15.9	67	30	25
33482-12-12B	19	3/4	-12	19.1	67	30	25

Also available in stainless steel. Details can be found in CAT 4400.1/UK

Approved **fitting series** for hose types:

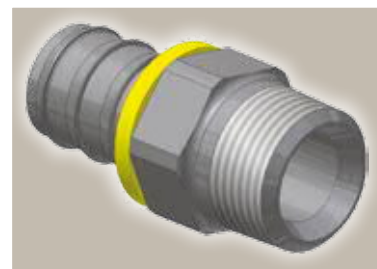
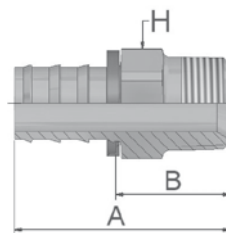
K: without plastic ring; **B:** Brass; **SM:** Metric Hexagon

82 801 804 821FR 830M 831 836 837BM 837PU 838M

01

Male NPTF Pipe Rigid – Straight

SAE J476A/ J516 – AGN

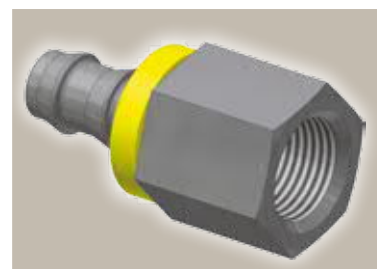
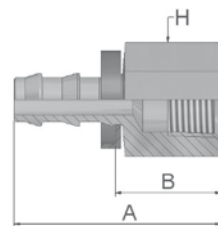


Part Number	Hose I.D.				Thread NPTF	A mm	B mm	H	
	DN	Inch	Size	mm				mm	Inch
30182-2-4B	6	1/4	-4	6.4	1/8x27	35	16	7/16	
30182-2-4-SM	6	1/4	-4	6.4	1/8x27	35	16	12	
30182-4-4-SM	6	1/4	-4	6.4	1/4x18	40	21	14	
30182-4-4B	6	1/4	-4	6.4	1/4x18	40	21	9/16	
30182-6-4	6	1/4	-4	6.4	3/8x18	42	22	11/16	
30182-6-4B	6	1/4	-4	6.4	3/8x18	42	22	11/16	
30182-4-6-SM	10	3/8	-6	9.5	1/4x18	45	23	14	
30182-4-6B	10	3/8	-6	9.5	1/4x18	45	22	9/16	
30182-6-6-SM	10	3/8	-6	9.5	3/8x18	45	23	19	
30182-8-6-SM	10	3/8	-6	9.5	1/2x14	52	29	22	
30182-8-6B-SM	10	3/8	-6	9.5	1/2x14	52	29	22	
30182-6-8B	12	1/2	-8	12.7	3/8x18	49	22	11/16	
30182-8-8B-SM	12	1/2	-8	12.7	1/2x14	55	29	22	
30182-8-8-SM	12	1/2	-8	12.7	1/2x14	55	29	22	
30182-8-10B	16	5/8	-10	15.9	1/2x14	66	29	7/8	
30182-8-10-SM	16	5/8	-10	15.9	1/2x14	66	29	22	
30182-12-10	16	5/8	-10	15.9	3/4x14	66	29	1 1/16	
30182-8-12-SM	19	3/4	-12	19.1	1/2x14	66	29	22	
30182-8-12B	19	3/4	-12	19.1	1/2x14	66	29	7/8	
30182-12-12-SM	19	3/4	-12	19.1	3/4x14	66	30	27	
30182-12-12	19	3/4	-12	19.1	3/4x14	66	29	1 1/16	
30182-12-12B	19	3/4	-12	19.1	3/4x14	66	29	1 1/16	

02

Female NPTF Pipe – Rigid Straight

SAE J476A/ J516



Part Number	Hose I.D.				Thread NPTF	A mm	B mm	H	
	DN	Inch	Size	mm				mm	Inch
30282-4-4B	6	1/4	-4	6.4	1/4x18	40	21	3/4	
30282-6-6B	10	3/8	-6	9.5	3/8x18	46	23	7/8	
30282-8-8B	12	1/2	-8	12.7	1/2x14	55	28	1 1/16	

Also available in stainless steel. Details can be found in CAT 4400.1/UK

Approved **fitting series** for hose types:

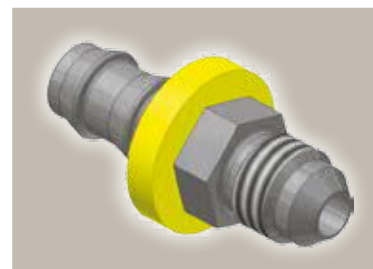
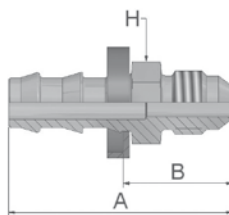
K: without plastic ring; **B:** Brass; **SM:** Metric Hexagon

82 801 804 821FR 830M 831 836 837BM 837PU 838M



03 Male JIC 37° – Rigid Straight

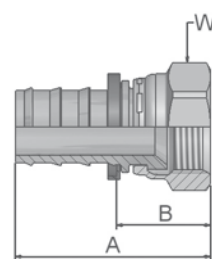
ISO12151-5-S – AGJ



Part Number	Hose I.D.				Thread NPTF	A mm	B mm	H Inch
	DN	Inch	Size	mm				
30382-4-4	6	1/4	-4	6.4	7/16x20	40	21	1/2
30382-6-6	10	3/8	-6	9.5	9/16x18	45	22	5/8
30382-6-6B	10	3/8	-6	9.5	9/16x18	45	22	5/8
30382-8-8B	12	1/2	-8	12.7	3/4x16	52	26	3/4
30382-8-8	12	1/2	-8	12.7	3/4x16	52	26	3/4
30382-12-12B	19	3/4	-12	19.1	1 1/16x12	69	32	1 1/8
30382-12-12	19	3/4	-12	19.1	1 1/16x12	69	32	1 1/8

06/68 Female – JIC 37° SAE 45° Dual Flare Swivel – Straight

ISO12151-5-SWS – DKJ



Part Number	Hose I.D.				Thread NPTF	A mm	B mm	H mm Inch
	DN	Inch	Size	mm				
30682-4-4-SM	6	1/4	-4	6.4	7/16x20	40	21	14
30682-4-4B	6	1/4	-4	6.4	7/16x20	39	19	9/16
30682-5-4B	6	1/4	-4	6.4	1/2x20	40	21	5/8
30682-6-4B	6	1/4	-4	6.4	9/16x18	42	22	11/16
30682-5-6B	10	3/8	-6	9.5	1/2x20	44	21	5/8
30682-6-6-SM	10	3/8	-6	9.5	9/16x18	45	22	19
30682-6-6	10	3/8	-6	9.5	9/16x18	46	22	11/16
30682-6-6B-SM	10	3/8	-6	9.5	9/16x18	45	22	19
36882-8-6-SM	10	3/8	-6	9.5	3/4x16	48	25	22
30682-8-6B	10	3/8	-6	9.5	3/4x16	47	24	7/8
36882-8-8B-SM	12	1/2	-8	12.7	3/4x16	51	25	22
36882-8-8-SM	12	1/2	-8	12.7	3/4x16	51	25	22
30682-10-8B	12	1/2	-8	12.7	7/8x14	52	25	1
30682-10-10-SM	16	5/8	-10	15.9	7/8x14	65	28	27
30682-10-10B	16	5/8	-10	15.9	7/8x14	62	25	1
30682-12-12-SM	19	3/4	-12	19.1	1 1/16x12	67	30	32
30682-12-12B-SM	19	3/4	-12	19.1	1 1/16x12	67	31	32

Also available in stainless steel. Details can be found in CAT 4400.1/UK

Approved **fitting series** for hose types:

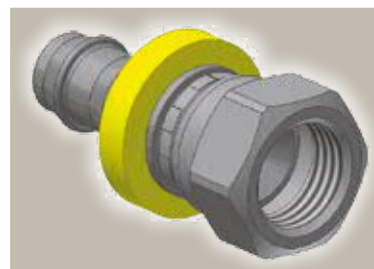
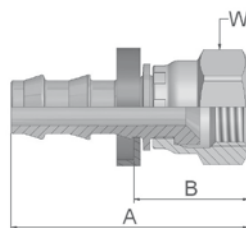
K: without plastic ring; **B:** Brass; **SM:** Metric Hexagon

82 801 804 821FR 830M 831 836 837BM 837PU 838M



08 Female SAE 45° – Swivel Straight

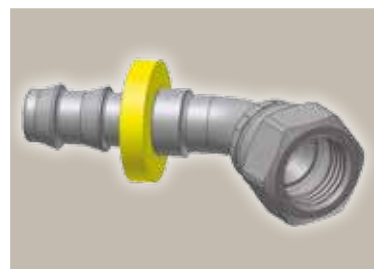
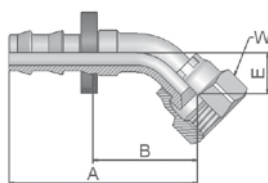
SAE J516



Part Number	Hose I.D.				Thread UNF	A mm	B mm	W inch
	DN	Inch	Size	mm				
30882-4-4	6	1/4	-4	6.4	7/16x20	39	19	9/16
30882-4-4B	6	1/4	-4	6.4	7/16x20	39	19	9/16
30882-5-4B	6	1/4	-4	6.4	1/2x20	40	21	5/8
30882-6-6-SM	10	3/8	-6	9.5	5/8x18	46	22	19
30882-6-6B	10	3/8	-6	9.5	5/8x18	46	23	3/4
30882-8-8B	12	1/2	-8	12.7	3/4x16	51	25	7/8
30882-8-8	12	1/2	-8	12.7	3/4x16	51	25	7/8
30882-10-10B	16	5/8	-10	15.9	7/8x14	65	28	1
30882-10-10	16	5/8	-10	15.9	7/8x14	65	28	1
30882-12-12	19	3/4	-12	19.1	1 1/16x14	67	30	1 1/4
30882-12-12B	19	3/4	-12	19.1	1 1/16x14	67	30	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	A mm	B mm	E mm	W mm Inch
	DN	Inch	Size	mm					
33V82-4-4B-SM	6	1/4	-4	6.4	7/16x20	44	25	10	17
33782-4-4	6	1/4	-4	6.4	7/16x20	39	20	8	9/16
33782-6-6-SM	10	3/8	-6	9.5	9/16x18	51	28	11	19
33782-8-8	12	1/2	-8	12.7	3/4x16	54	35	14	7/8

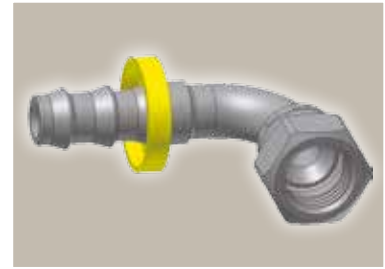
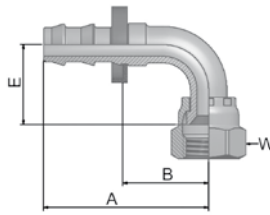
Also available in stainless steel. Details can be found in CAT 4400.1/UK

Approved **fitting series** for hose types:

K: without plastic ring; **B:** Brass; **SM:** Metric Hexagon

82 801 804 821FR 830M 831 836 837BM 837PU 838M

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	A mm	B mm	E mm	W	
	DN	Inch	Size	mm					mm	Inch
33W82-4-4-SM	6	1/4	-4	6.4	7/16x20	39	20	21	17	
33982-4-4	6	1/4	-4	6.4	7/16x20	39	20	17	5/8	
33982-6-6	10	3/8	-6	9.5	9/16x18	50	28	22	11/16	
33982-6-6-SM	10	3/8	-6	9.5	9/16x18	47	25	23	19	
33982-8-8	12	1/2	-8	12.7	3/4x16	59	33	28	7/8	
33W82-8-8-SM	12	1/2	-8	12.7	3/4x16	55	29	28	22	
33982-10-10	16	5/8	-10	15.9	7/8x14	74	37	31	1	
33982-12-12	19	3/4	-12	19.1	1 1/16x12	84	46	46	1 1/4	
33982-12-12-SM	19	3/4	-12	19.1	1 1/16x12	88	52	48	32	

Also available in stainless steel. Details can be found in CAT 4400.1/UK

Approved **fitting series** for hose types:

K: without plastic ring; **B:** Brass; **SM:** Metric Hexagon

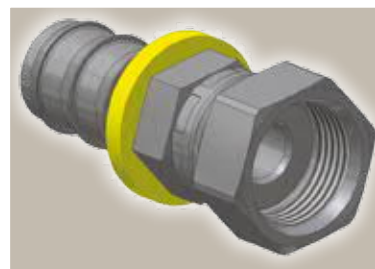
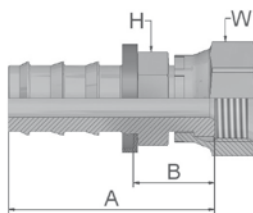
82 801 804 821FR 830M 831 836 837BM 837PU 838M



JC

**Female ORFS
Swivel – Straight
Short**

ISO 12151-1 – SWSA
SAE J516 – ORFS



Part Number	Hose I.D.				Thread UNF	A mm	B mm	H		W	
	DN	Inch	Size	mm				mm	Inch	mm	Inch
3JC82-4-4	6	1/4	-4	6.4	9/16x18	36	17	9/16		11/16	
3JC82-6-6	10	3/8	-6	9.5	11/16x16	40	18	11/16		13/16	
3JC82-6-6-SM	10	3/8	-6	9.5	11/16x16	40	18	19		22	
3JC82-8-6-SM	10	3/8	-6	9.5	13/16x16	43	21	22		24	
3JC82-8-8-SM	12	1/2	-8	12.7	13/16x16	47	21	22		24	
3JC82-8-10	16	5/8	-10	15.9	13/16x16	57	21	3/4		15/16	
3JC82-10-10	16	5/8	-10	15.9	1x14	61	24	15/16		1 1/8	
3JC82-10-12	19	3/4	-12	19.1	1x14	61	24	1		1 1/8	
3JC82-12-12	19	3/4	-12	19.1	1 3/16x12	67	30	1 1/8		1 3/8	

82 Series

Also available in stainless steel. Details can be found in CAT 4400.1/UK

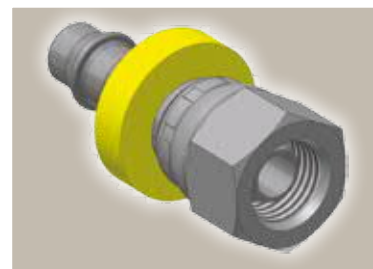
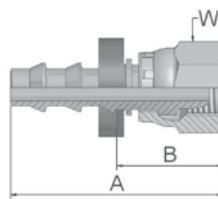
Approved **fitting series** for hose types:

K: without plastic ring; **B:** Brass; **SM:** Metric Hexagon

82 | 801 | 804 | 821FR | 830M | 831 | 836 | 837BM | 837PU | 838M

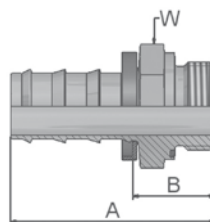


FF Metru-Lok Swivel Female



Part Number	Hose I.D.				Thread metric	Tube	A mm	B mm	W mm
	DN	Inch	Size	mm		O.D. mm			
3FF82-6-4B	6	1/4	-4	6.4	M10x1	6	36	16	14
3FF82-8-4B	6	1/4	-4	6.4	M12x1	8	31	12	14
3FF82-10-6B	10	3/8	-6	9.5	M14x1	10	35	12	17
3FF82-12-6B	10	3/8	-6	9.5	M16x1	12	35	12	19
3FF82-14-8B	12	1/2	-8	12.7	M18x1	14	38	12	22
3FF82-16-8B	12	1/2	-8	12.7	M22x1.5	16	38	12	27
3FF82-18-10B	16	5/8	-10	15.9	M24x1.5	18	51	15	27
3FF82-22-12B	19	3/4	-12	19.1	M28x1.5	22	51	15	32

AF Male BSP Parallel Pipe Rigid – Straight (with O-ring Seal)



Part Number	Hose I.D.				Thread BSP	A mm	B mm	W mm
	DN	Inch	Size	mm				
3AF82-2-4B	6	1/4	-4	6.4	1/8x28	34	15	17
3AF82-4-4B	6	1/4	-4	6.4	1/4x19	39	20	19
3AF82-4-6B	10	3/8	-6	9.5	1/4x19	43	20	19
3AF82-6-6B	10	3/8	-6	9.5	3/8x19	46	23	22
3AF82-6-8B	12	1/2	-8	12.7	3/8x19	49	22	22
3AF82-8-8B	12	1/2	-8	12.7	1/2x14	53	26	27
3AF82-8-10B	16	5/8	-10	15.9	1/2x14	63	27	27

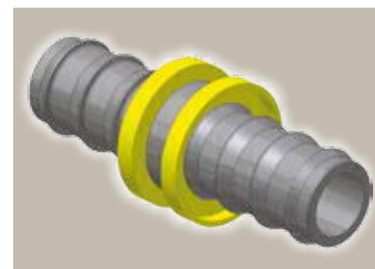
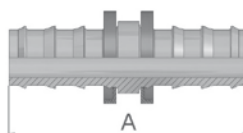
Also available in stainless steel. Details can be found in CAT 4400.1/UK

Approved **fitting series** for hose types:

K: without plastic ring; **B:** Brass; **SM:** Metric Hexagon

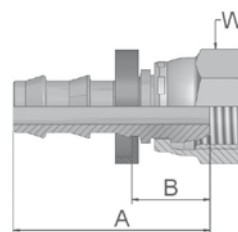
82 801 804 821FR 830M 831 836 837BM 837PU 838M

82 Push-Lok® Union



Part Number	Hose I.D.				A mm
	DN	Inch	Size	mm	
38282-4-4	6	1/4	-4	6.4	45
38282-4-4B	6	1/4	-4	6.4	46
38282-6-6B	10	3/8	-6	9.5	54
38282-8-8B	12	1/2	-8	12.7	64
38282-8-8	12	1/2	-8	12.7	64
38282-10-10	16	5/8	-10	15.9	84
38282-10-10B	16	5/8	-10	15.9	84
38282-12-12	19	3/4	-12	19.1	84
38282-12-12B	19	3/4	-12	19.1	84

5C 60° Cone Swivel Female



Part Number	Hose I.D.				Thread metric	A mm	B mm	W mm
	DN	Inch	Size	mm				
35C82-6-4BK	6	1/4	-4	6.4	M12x1.5	33	14	14
35C82-10-6BK	10	3/8	-6	9.5	M16x1.5	38	15	19
35C82-10-6B	10	3/8	-6	9.5	M16x1.5	38	15	19
35C82-15-8BK	12	1/2	-8	12.7	M22x1.5	44	18	27
35C82-18-10BK	16	5/8	-10	15.9	M26x1.5	57	21	32

Also available in stainless steel. Details can be found in CAT 4400.1/UK

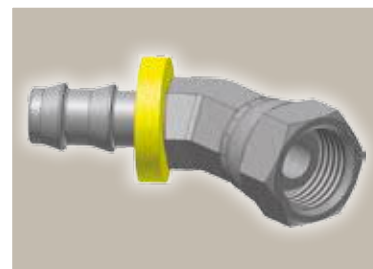
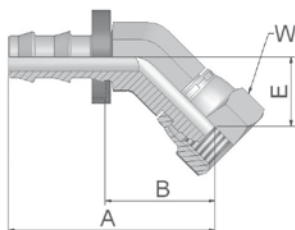
Approved **fitting series** for hose types:

K: without plastic ring; **B:** Brass; **SM:** Metric Hexagon

82 801 804 821FR 830M 831 836 837BM 837PU 838M

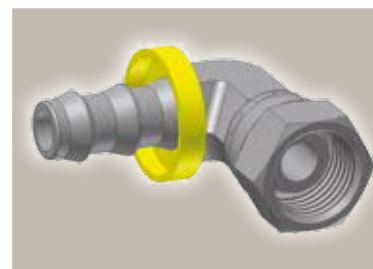
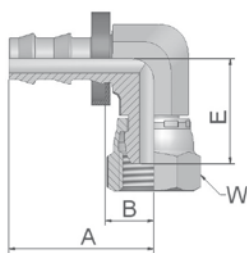


6C 60° Cone Swivel Female 45° Elbow



Part Number	Hose I.D.				Thread metric	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm					
36C82-6-4BK	6	1/4	-4	6.4	M12x1.5	44	25	16	14
36C82-10-6BK	10	3/8	-6	9.5	M16x1.5	48	26	16	19
36C82-15-8BK	12	1/2	-8	12.7	M22x1.5	54	28	18	27

7C 60° Cone Swivel Female 90° Elbow



Part Number	Hose I.D.				Thread metric	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm					
37C82-6-4BK	6	1/4	-4	6.4	M12x1.5	30	11	22	14
37C82-10-6BK	10	3/8	-6	9.5	M16x1.5	34	11	25	19
37C82-15-8BK	12	1/2	-8	12.7	M22x1.5	43	16	32	27

Also available in stainless steel. Details can be found in CAT 4400.1/UK

Approved **fitting series** for hose types:

K: without plastic ring; **B:** Brass; **SM:** Metric Hexagon

82 801 804 821FR 830M 831 836 837BM 837PU 838M



Assembly Instructions

1. Cut the hose right angled with a sharp knife. If necessary it is possible to use a lubricant (water/soap solution with 5 % soap fluid and 95 % water) for easy assembly.
2. Insert fitting into hose until first barb is in hose. Place end of fitting against a flat object (bench, door, wall) and grip hose approximately 1" from end and push with a steady force until end of hose is covered by yellow plastic collar. Alternatively please use the Parker Assembly Tool No. 611050G or 611050HV.

Attention!

During assembly, please keep in mind that Push-Lok fittings will provide an effective grip only when the Push-Lok hose is pushed fully on the insert, where the cropped end of the hose should be fully concealed by the plastic collar. **For easy assembly of hose 830M, 837BM and 837PU please use only Push-Lok Assembly Oil No. H896137.** Push-Lok Assembly Oil is free from wetting disturbing substances. Don't use oil, lubricant or soap fluids for this hose!



Disassembly Instructions

1. Cut lengthwise along a line at approximately a 20° angle from centre line of hose. The cut should be approximately 1" long. Be careful not to nick barbs when cutting the hose.
2. Grip hose and give a sharp down-ward tug to disengage from fitting.

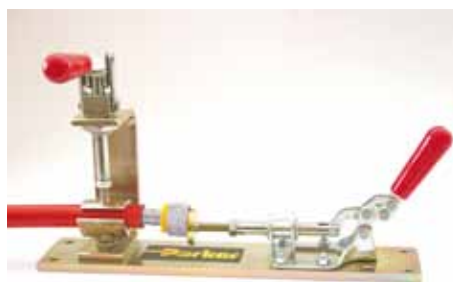
Attention!

Before re-use of the nipple please check nipple for damage. Damaged nipples can cause leakage.

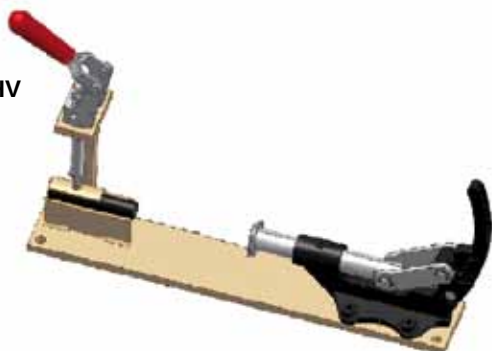
Assembly Tool

Tool designed for assembly of Push-Lok fittings and hose in all sizes. Toggle actions greatly reduce effort necessary to hold hose and press in fitting. Only a few pounds of force is needed on either handle to quickly assemble any size.

Light version
Part Number: 611050G



Heavy version
Part Number: 611050HV



Push-Lok Assembly Oil

K: without plastic ring; B: Brass; SM: Metric Hexagon
Part Number: H896137



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



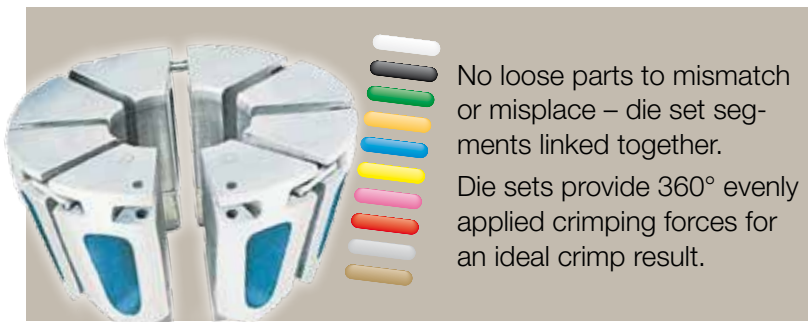
Parkrimp® *No-Skive*

The system for fast and leak-free assemblies

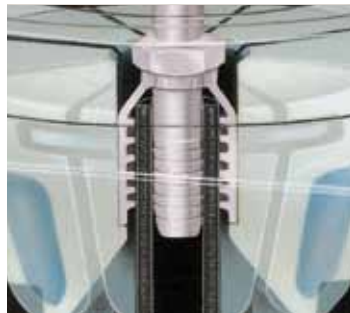
The perfect match



Parker's colour-coded die sets



Parkalign®



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



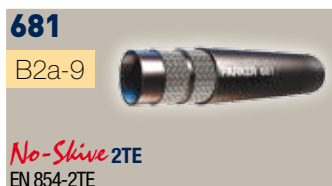
Parkrimp® *No-Skive*

- 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

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
Fittings – 26 Series		Page
	DIN – Metric	B2b-1 – B2b-2
	BSP	B2b-3 – B2b-4
	SAE	B2b-5 – B2b-7
	ORFS	B2b-8
	Others	B2b-9

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-24** to **Ab-32** for more detailed information.

Fitting Series



Part Number	Hose I.D.			Hose O.D.	Pressure Rating				Vacuum*	min. bend radius	weight
	Inch	Size	mm	mm	max. working pressure	min. burst pressure					
					MPa	psi	MPa	psi	kPa	mm	kg
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-24** to **Ab-32** 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 MPa	psi	min. burst pressure 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

	206-16	WP 5,6 MPa (800 PSI)	SAE 100R5-16	22 mm (7/8)	4Q81	MADE IN XXXX		206-16	V
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213

No-Skive High Temperature

For engines and compressed air systems

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



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

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-24** to **Ab-32** 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 MPa	psi	min. burst pressure 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
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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-24** to **Ab-32** 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 MPa	psi	min. burst pressure 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-24** to **Ab-32** 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*	min. bend radius	weight
	Inch	Size	mm		max. working pressure MPa	psi	min. burst pressure 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-24** to **Ab-32** 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 MPa	psi	min. burst pressure 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-24** to **Ab-32** 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 MPa	psi	min. burst pressure 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-24** to **Ab-32** for more detailed information.

Fitting Series

- Available as complete hose assembly
- 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 MPa	psi	min. burst pressure 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 I • • SAE 100R6-4 6,3 mm (1/4) X 1F EN854/R6/

681

No-Skive 2TE

EN 854-2TE



- Two layers 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: Two fibre braids

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-24** to **Ab-32** for more detailed information.

Fitting Series

- Available as complete hose assembly
- 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 MPa	psi	min. burst pressure 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: Two fibre braids

Cover: Flame retardant synthetic rubber

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

Exception: Air max. +70 °C

Water max. +85 °C



- Two layers 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-13

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-24** to **Ab-32** for more detailed information.

Fitting Series

- Available as complete hose assembly
- 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 MPa	psi	min. burst pressure 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

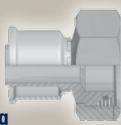
DIN – Metric

Page B2b-1 – B2b-2

CA

B2b-1

Female Metric 24°
Light Series with O-Ring
Swivel – Straight
ISO 12151-2-SWS-L – DKOL



CE

B2b-1

Female Metric 24°
Light Series with O-Ring
Swivel – 45° Elbow
ISO 12151-2-SWE 45°-L – DKOL 45°



CF

B2b-2

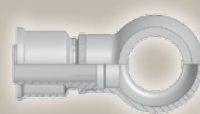
Female Metric 24°
Light Series with O-Ring
Swivel – 90° Elbow
ISO 12151-2-SWE-L – DKOL 90°



49

B2b-2

Metric Banjo
Straight
DIN 7642



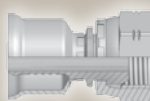
BSP

Page B2b-3 – B2b-4

92

B2b-3

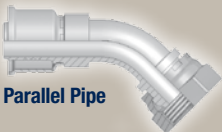
Female BSP Parallel Pipe
Swivel – Straight (60° Cone)
BS5200-A – DKR



B1

B2b-3

Female BSP Parallel Pipe
Swivel
45° Elbow (60° Cone)
BS 5200-D – DKR 45°



B2

B2b-4

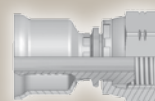
Female BSP Parallel Pipe
Swivel
90° Elbow (60° Cone)
BS 5200-B – DKR 90°



91

B2b-4

Male BSP Taper Pipe – Rigid
Straight
BS5200 – AGR-K



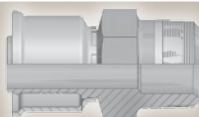
SAE

Page B2b-5 – B2b-7

01

B2b-5

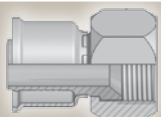
Male NPTF Pipe
Rigid – Straight
SAE J476A / J516 – AGN



06/68

B2b-5

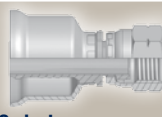
Female – JIC 37°
SAE 45° Dual Flare
Swivel – Straight
ISO12151-5-SWS – DKJ



08

B2b-6

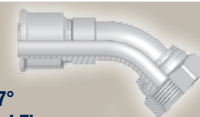
Female SAE 45° – Swivel
Straight
SAE J516



37/3V

B2b-6

Female JIC 37°
SAE 45° – Dual Flare
Swivel Female 45° Elbow
ISO 12151-5-SWE 45° – DKJ 45°



39/3W

B2b-7

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



ORFS

Page B2b-8

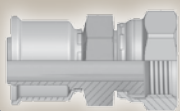
JC

B2b-8

Female ORFS
Swivel – Straight
Short

ISO 12151-1 – SWSA

SAE J516 – ORFS



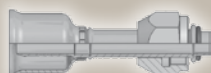
Others

Page B2b-9

5S

B2b-9

Female Tube O-ring Swivel
Short Pilot



5T

B2b-9

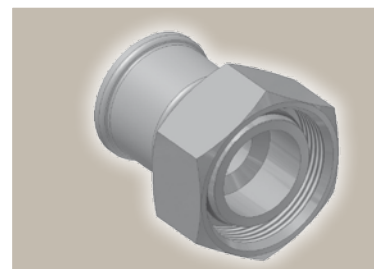
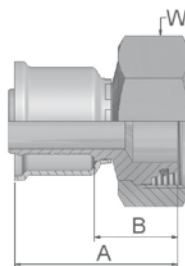
Female Tube O-Ring Swivel
90° Elbow – Short Pilot



CA

**Female Metric 24°
Light Series with O-Ring
Swivel – Straight**

ISO 12151-2-SWS-L – DKOL



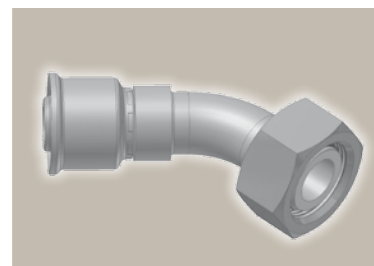
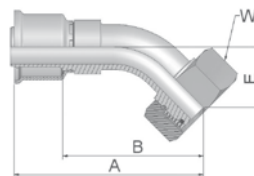
Part Number	Hose I.D.			Thread metric	Tube O.D. mm	A mm	B mm	W mm
	Inch	Size	mm					
1CA26-6-4	3/16	-4	5.0	M12x1.5	6	40	20	14
1CA26-8-4	3/16	-4	5.0	M14x1.5	8	41	21	17
1CA26-10-5	1/4	-5	6.3	M16x1.5	10	41	20	19
1CA26-10-6	5/16	-6	8.0	M16x1.5	10	41	20	19
1CA26-12-6	5/16	-6	8.0	M18x1.5	12	41	21	22
1CA26-12-8	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.

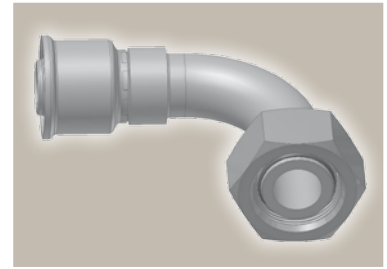
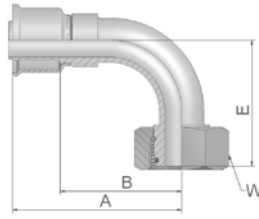
Approved **fitting series** for hose types:

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°

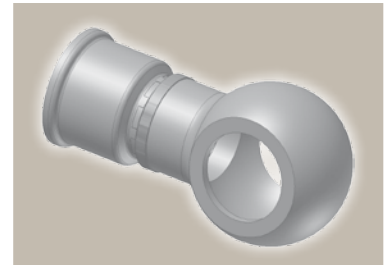
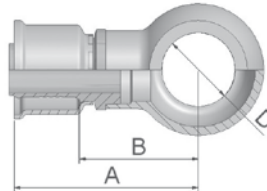


Part Number	Hose I.D.			Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	Inch	Size	mm						
1CF26-8-4	3/16	-4	5.0	M14x1.5	8	48	28	29	17
1CF26-10-5	1/4	-5	6.3	M16x1.5	10	55	36	29	19
1CF26-10-6	5/16	-6	8.0	M16x1.5	10	55	34	31	19
1CF26-12-6	5/16	-6	8.0	M18x1.5	12	56	35	35	22
1CF26-12-8	13/32	-8	10.0	M18x1.5	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



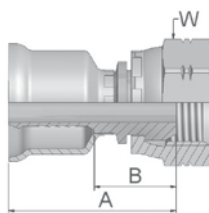
Part Number	Hose I.D.			A mm	B mm	D mm
	Inch	Size	mm			
14926-12-6	5/16	-6	8.0	47	26	12
14926-14-6	5/16	-6	8.0	49	28	14
14926-14-8	13/32	-8	10.0	48	28	14
14926-16-8	13/32	-8	10.0	50	30	16

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

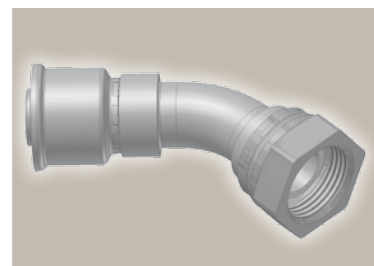
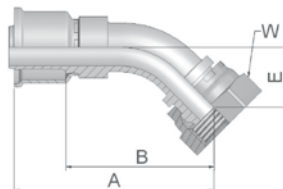


Part Number	Hose I.D.			Thread BSP	A mm	B mm	W mm
	Inch	Size	mm				
19226-4-4	3/16	-4	5.0	1/4x19	41	20	19
19226-6-6	5/16	-6	8.0	3/8x19	42	21	22
19226-6-8	13/32	-8	10.0	3/8x19	41	21	22
19226-8-8	13/32	-8	10.0	1/2x14	44	23	27
19226-8-10	1/2	-10	12.5	1/2x14	45	22	27
19226-12-12	5/8	-12	16.0	3/4x14	45	24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



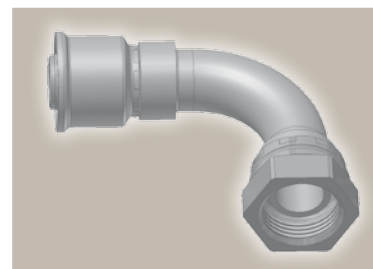
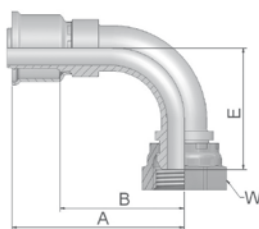
Part Number	Hose I.D.			Thread BSP	A mm	B mm	E mm	W mm
	Inch	Size	mm					
1B126-4-4	3/16	-4	5.0	1/4x19	53	33	15	19
1B126-6-6	5/16	-6	8.0	3/8x19	56	36	16	22
1B126-8-8	13/32	-8	10.0	1/2x14	62	42	16	27
1B126-10-10	1/2	-10	12.5	5/8x14	67	44	20	30
1B126-12-12	5/8	-12	16.0	3/4x14	70	47	18	32

Approved **fitting series** for hose types:

26 201 206 213 221FR 285 293

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

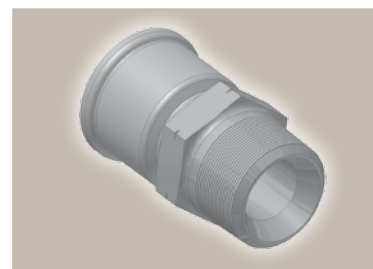
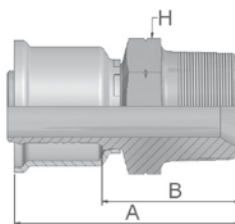
BS 5200-B – DKR 90°



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

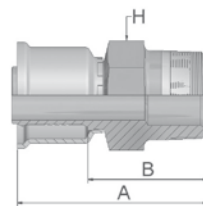
Approved **fitting series** for hose types:

26 201 206 213 221FR 285 293

01

Male NPTF Pipe Rigid – Straight

SAE J476A/ J516 – AGN

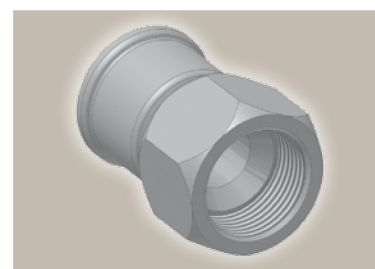
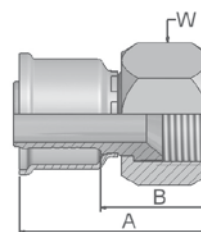


Part Number	Hose I.D.			Thread NPTF	A mm	B mm	H Inch
	Inch	Size	mm				
10126-4-5	1/4	-5	6.3	1/4x18	48	26	9/16
10126-4-6	5/16	-6	8.0	1/4x18	48	26	3/4
10126-6-6	5/16	-6	8.0	3/8x18	48	26	11/16
10126-6-8	13/32	-8	10.0	3/8x18	48	26	11/16
10126-8-8	13/32	-8	10.0	1/2x14	54	33	7/8
10126-8-10	1/2	-10	12.5	1/2x14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

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

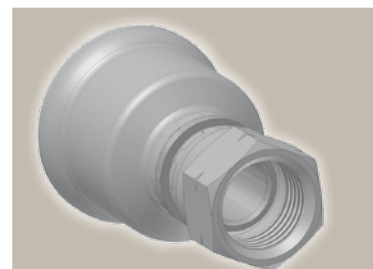
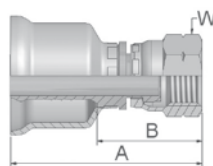
Approved **fitting series** for hose types: **BA**: Nipple: Brass, Nut and Shell: Steel; **BS**: Nipple and Nut: Brass, Shell: Steel; **SM**: Metric Hexagon

26 201 206 213 221FR 285 293



08 Female SAE 45° – Swivel Straight

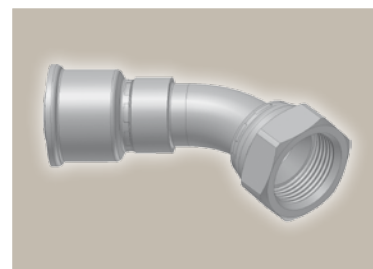
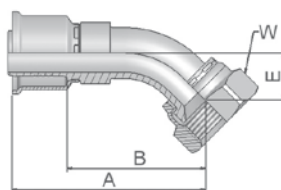
SAE J516



Part Number	Hose I.D.			Thread UNF	Tube mm	A mm	B mm	W	
	Inch	Size	mm					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°



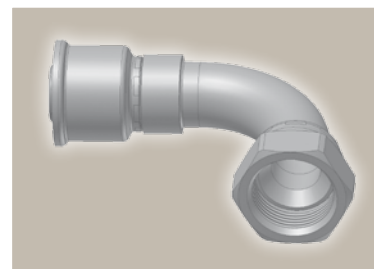
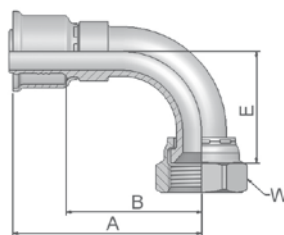
Part Number	Hose I.D.			Thread UNF	Tube mm	A mm	B mm	E mm	W	
	Inch	Size	mm						mm	Inch
13V26-4-4-SM	3/16	-4	5.0	7/16x20	1/4	50	24	10	14	
13726-6-6-SM	5/16	-6	8.0	9/16x18	3/8	54	33	11	19	
13V26-8-8-SM	13/32	-8	10.0	3/4x16	1/2	59	38	15	22	
13V26-10-10	1/2	-10	12.5	7/8x14	5/8	69	44	17	1	
13726-12-12-SM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

Approved **fitting series** for hose types:

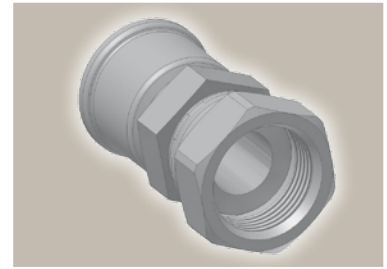
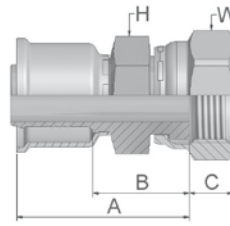
SM: Metric Hexagon

26 201 206 213 221FR 285 293

JC

**Female ORFS
Swivel – Straight
Short**

ISO 12151-1 – SWSA
SAE J516 – ORFS



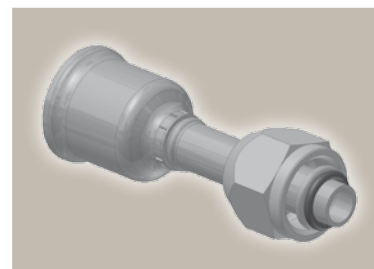
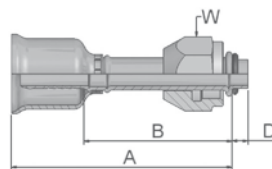
Part Number	Hose I.D.			Thread UNF	A mm	B mm	C mm	H mm	W mm
	Inch	Size	mm						
1JC26-4-4-SM	3/16	-4	5.0	9/16x18	35	14	8	–	17
1JC26-6-6-SM	5/16	-6	8.0	11/16x16	36	15	9	–	22
1JC26-8-6-SM	5/16	-6	8.0	13/16x16	44	23	11	19	24
1JC26-8-8-SM	13/32	-8	10.0	13/16x16	37	17	11	–	24
1JC26-10-10-SM	1/2	-10	12.5	1x14	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

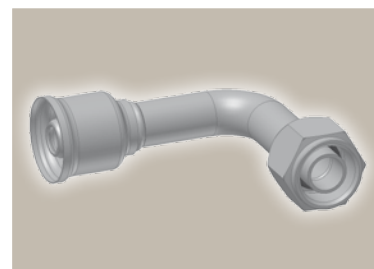
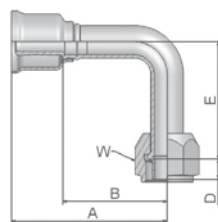
26 201 206 213 221FR 285 293

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

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
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