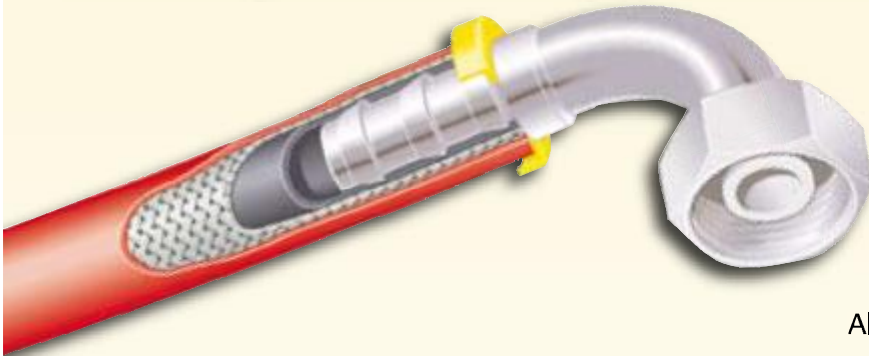


# ***Low Pressure Push-Lok® Hose and Fittings***

***- the self-grip hose system for  
low pressure applications***



The Push-Lok® range offers a wide selection of different hose types in rubber and thermoplastic as well as a hybrid version.

All hose materials are available in 6 different colours. The hose range is complete with end configurations in DIN, BSP, SAE, JIC and ORFS in brass, steel and stainless steel.

**Parker Push-Lok® – world-wide market leader for the following good reasons:**

- ▶ **Easy assembly**
  - no tools or clamps required
  
- ▶ **Wide variety of hose types**
  - 6 rubber hose types
  - 2 thermoplastic hoses
  - 1 hybrid hose
  
- ▶ **6 colours for**
  - easy identification
  - simple production processes  
... a colour for a particular medium
  - easy control of maintenance intervals
  - simple stock planning in different departments
  
- ▶ **One fitting series for all hose types**
  - with DIN, BSP, SAE, JIC and ORFS connections in brass, steel and stainless steel



## Push-Lok®

– a high quality low pressure hose system approved world-wide



### Push-Lok® assembly



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



### Push-Lok® disassembly



- Cut lengthwise along a line at approximately a 20° angle from centre line of 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.

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





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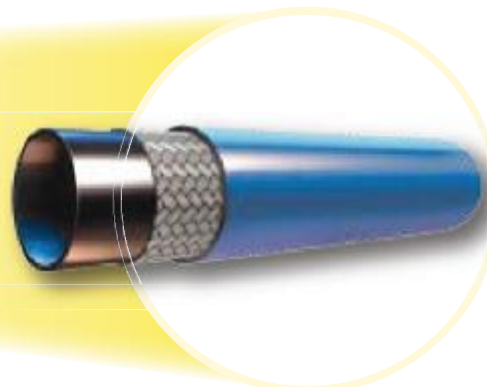


# 801 – Push-Lok Hose

For a variety of applications

## Main Features

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



## Primary Applications/Restrictions

**All Markets:** For light applications  
**Paper and Pulp:** For water / air applications  
*Not permitted for use in air brake systems.*  
*Not suitable for high dynamic pulsation systems.*  
*Not recommended for motor fuels.*

## Hose Construction

**Tube:** Synthetic rubber  
**Reinforcement:** High tensile textile layer  
**Cover:** High performance synthetic rubber in different colours

## Recommended Fluids

Air, dry air, water, water-oil-emulsions and water-glycol-emulsions. (Mineral based hydraulic and lubricating oils with chemical and thermal (70 °C) restriction).  
 Consult the chemical compatibility section on page Ab-16 for more detailed information.

## Temperature Range

-40 °C up to +100 °C  
 Exception: Air ..... max. +70 °C  
 Water ..... max. +85 °C

## Fittings Series



Part Number XXXX-XX-XX	Hose I.D.				Hose O.D. mm	Pressure rating				Vacuum kilo Pascal*1 kPa	min. bend radius mm	Weight kg/m
	DN	Inch	Size	mm		max. dynamic working pressure MPa	psi	min. burst pressure MPa	psi			
801-4-XXX-RL	6	1/4	-4	6,3	12,7	1,7	250	6,8	1000	95	65	0,13
801-6-XXX-RL	10	3/8	-6	9,5	15,9	1,7	250	6,8	1000	95	75	0,16
801-8-XXX-RL	12	1/2	-8	12,7	19,8	1,7	250	6,8	1000	95	130	0,27
801-10-XXX-RL	16	5/8	-10	15,9	23,0	1,7	250	6,8	1000	51	150	0,28
801-12-XXX-RL	20	3/4	-12	19,1	26,2	1,7	250	6,8	1000	51	180	0,36
801-16-XXX-RL	25	1	-16	25,4	32,5	1,2	175	4,8	700	51	250	0,55

\*1 = 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



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

RL = only available on reels

801-16-XXX-RL is only available in grey or black

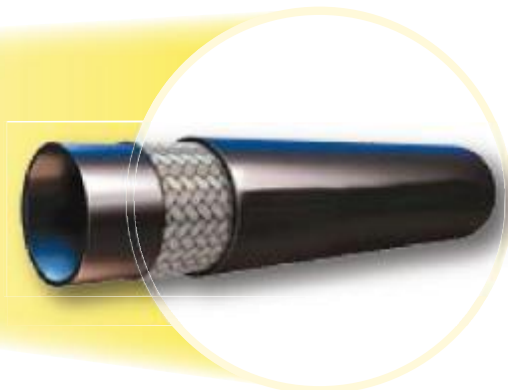
Information about standard products or non-standard products can be found in the current price list.  
 Dimensions shown may be changed at any time without prior notice.

# 804 – Push-Lok Hose

For high temperature water / phosphate ester fluid

### Main Features

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



### Primary Applications/Restrictions

**Injection Moulding:** For special tempering circuits.  
*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.*

### Hose Construction

**Tube:** EPDM material  
**Reinforcement:** High tensile textile layer  
**Cover:** Black EPDM material

### Recommended Fluids

Phosphate ester based hydraulic fluids, \*water, \*water glycol emulsions, air. Use liquid soap as lubricant. Consult the chemical compatibility section on page Ab-16 for more detailed information.

### Temperature Range

up to +80 °C  
 Exception: Air ..... max. +70 °C  
 \*Water ..... max. + 93 °C

### Fittings Series



Part Number XXXX-XX-XX	Hose I.D.				Hose O.D.	Pressure rating				min. bend radius mm	Weight kg/m
						max. dynamic working pressure		min. burst pressure			
	DN	Inch	Size	mm	mm	MPa	psi	MPa	psi		
804-4-RL	6	1/4	-4	6,3	12,7	0,9	125	3,4	500	65	0,13
804-6-RL	10	3/8	-6	9,5	15,9	0,9	125	3,4	500	75	0,16
804-8-RL	12	1/2	-8	12,7	19,8	0,9	125	3,4	500	130	0,27
804-12-RL	20	3/4	-12	19,1	26,2	0,9	125	3,4	500	180	0,36

RL = only available on reels

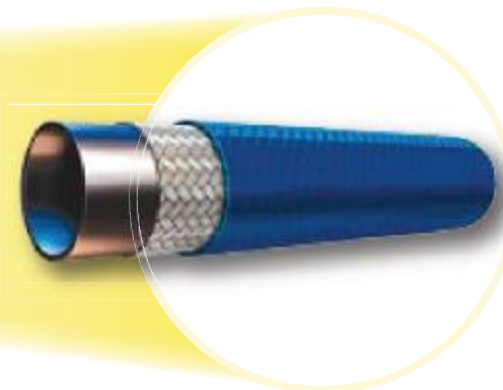
Information about standard products or non-standard products can be found in the current price list. Dimensions shown may be changed at any time without prior notice.

# 821FR – Push-Lok Hose

With fire retardant hose cover

## Main Features

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



## Primary Applications/Restrictions

**All Markets:** For a variety of applications  
*Not permitted for use in air brake systems.*  
*Not suitable for high dynamic pulsation systems.*  
*Not recommended for motor fuels.*

## Hose Construction

**Tube:** Synthetic PKR-rubber  
**Reinforcement:** High tensile textile layer  
**Cover:** A fire retardant special fiber outer cover

## Recommended Fluids

Mineral based hydraulic and lubricating oils, coolant, antifreeze, air, water and water-oil emulsions. Consult the chemical compatibility section on page Ab-16 for more detailed information.

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

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

## Fittings Series



Part Number XXXX-XX-XX	Hose I.D.				Hose O.D. mm	Pressure rating				Vacuum kilo Pascal*1 kPa	min. bend radius mm	Weight kg/m
	DN	Inch	Size	mm		max. dynamic working pressure MPa	psi	min. burst pressure MPa	psi			
821FR-4-XXX-RL	6	1/4	-4	6,3	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	20	3/4	-12	19,1	26,2	1,7	250	6,8	1000	95	180	0,33

\*1 = 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  
 WHT = white  
 BRN = brown

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

Information about standard products or non-standard products can be found in the current price list.  
 Dimensions shown may be changed at any time without prior notice.

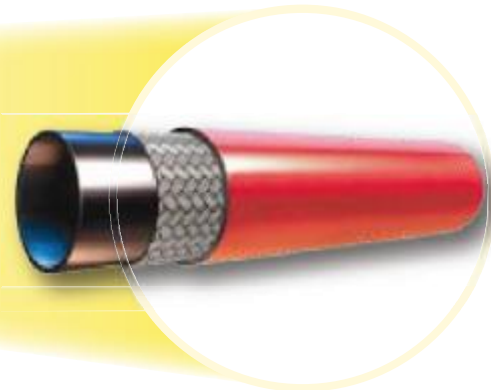


# 830M – Push-Lok Hose

For a variety of applications including automotive

## Main Features

- Chemical resistant for a wide range of fluids
- High abrasion resistance
- Free of wetting disturbing substances
- Small OD and bend radii



## Primary Applications/Restrictions

**All Markets:** For a variety of applications

**Robot and Automotive market:**

For hose bundle systems

*Not permitted for use in air brake systems.*

*Not suitable for high dynamic pulsation systems.*

*Not recommended for motor fuels.*

## Hose Construction

**Tube:** Polyurethane material

**Reinforcement:** High tensile textile layer

**Cover:** High performance polyurethane material in different colours

## Recommended Fluids

Mineral based hydraulic and lubricating oils, coolant, antifreeze, air, water and water-oil emulsions. Consult the chemical compatibility section on page Ab-16 for more detailed information.

**Temperature Range** -40 °C up to +80 °C

## Fittings Series



Part Number XXXX-XX-XX	Hose I.D.				Hose O.D. mm	Pressure rating				Vacuum kilo Pascal*1 kPa	min. bend radius mm	Weight kg/m
	DN	Inch	Size	mm		max. dynamic working pressure MPa	psi	min. burst pressure MPa	psi			
830M-4-XXX-RL	6	1/4	-4	6,3	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	16,0	23,0	1,6	232	6,4	928	10	90	0,26
830M-12-XXX-RL	20	3/4	-12	19,0	26,0	1,6	232	6,4	928	10	110	0,31

\*1 = 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

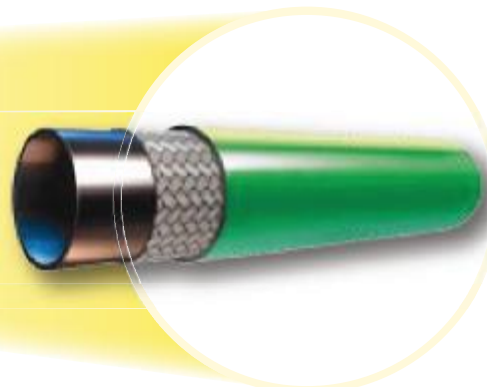
Information about standard products or non-standard products can be found in the current price list. Dimensions shown may be changed at any time without prior notice.

# 831 – Push-Lok Hose

Ideal for petroleum based fluids

## Main Features

- Max. working pressure up to 2,4 MPa
- High temperature level for petroleum based fluids
- Nitrile (NBR) inner tube – extended fluid compatibility



## Primary Applications/Restrictions

**All Markets:** For a wide range of fluids  
*Not permitted for use in air brake systems.*  
*Not suitable for high dynamic pulsation systems.*  
*Not recommended for motor fuels.*

## Hose Construction

**Tube:** Synthetic rubber  
**Reinforcement:** High tensile textile layer  
**Cover:** High performance synthetic rubber in different colours

## Recommended Fluids

Mineral based hydraulic and lubricating oils, coolant, antifreeze, air, water and water-oil emulsions. Consult the chemical compatibility section on page Ab-16 for more detailed information.

## Temperature Range

-40 °C up to +100 °C  
 Exception: Air ..... max. +70 °C  
 Water ..... max. +85 °C

## Fittings Series



Part Number XXXX-XX-XX	Hose I.D.				Hose O.D. mm	Pressure rating				Vacuum kilo Pascal*1 kPa	min. bend radius mm	Weight kg/m
	DN	Inch	Size	mm		max. dynamic working pressure MPa	psi	min. burst pressure MPa	psi			
831-4-XXX-RL	6	1/4	-4	6,3	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	20	3/4	-12	19,1	26,2	2,0	300	8,3	1200	51	180	0,36

\*1 = 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

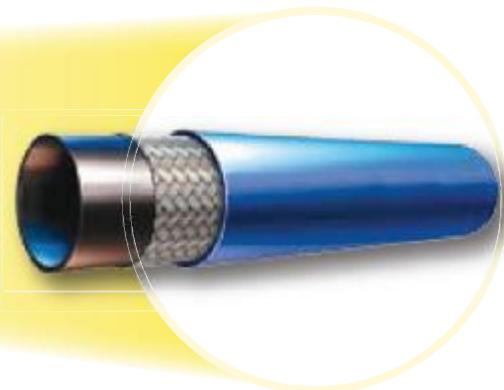
Information about standard products or non-standard products can be found in the current price list. Dimensions shown may be changed at any time without prior notice.

# 836 – Push-Lok Hose

For high oil temperatures

### Main Features

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



### Primary Applications/Restrictions

**All Markets:** Special high temperature applications  
 Not permitted for use in air brake systems.  
 Not suitable for high dynamic pulsation systems.  
 Not recommended for motor fuels.

### Hose Construction

**Tube:** Synthetic PKR rubber  
**Reinforcement:** High tensile textile layer  
**Cover:** Blue synthetic PKR rubber

### Recommended Fluids

Mineral based hydraulic and lubricating oils, coolant, antifreeze, air, water and water-oil emulsions. Consult the chemical compatibility section on page Ab-16 for more detailed information.

### Temperature Range

-48 °C up to +150 °C  
 Exception: Air ..... max. +100 °C  
 Water ..... max. +85 °C

### Fittings Series



Part Number XXXX-XX-XX	Hose I.D.				Hose O.D. mm	Pressure rating				Vaccum kilo Pascal*1 kPa	min. bend radius mm	Weight kg/m
	DN	Inch	Size	mm		max. dynamic working pressure MPa	psi	min. burst pressure MPa	psi			
836-4-RL	6	1/4	-4	6,3	12,7	1,7	250	6,8	1000	95	65	0,13
836-6-RL	10	3/8	-6	9,5	15,7	1,7	250	6,8	1000	95	75	0,16
836-8-RL	12	1/2	-8	12,7	19,8	1,7	250	6,8	1000	95	130	0,27
836-10-RL	16	5/8	-10	15,9	23,1	1,7	250	6,8	1000	51	150	0,28
836-12-RL	20	3/4	-12	19,1	26,2	1,7	250	6,8	1000	51	180	0,36

\*1 = 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

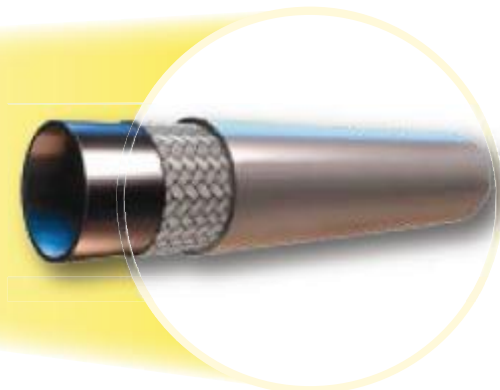
Information about standard products or non-standard products can be found in the current price list. Dimensions shown may be changed at any time without prior notice.

# 837BM – Push-Lok Hose

For a variety of applications including automotive

## Main Features

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



## Primary Applications/Restrictions

**All Markets:** For a variety of applications  
**Automotive:** For water / air applications  
*Not permitted for use in air brake systems.*  
*Not suitable for high dynamic pulsation systems.*  
*Not recommended for motor fuels.*

## Hose Construction

**Tube:** Synthetic rubber  
**Reinforcement:** High tensile textile layer  
**Cover:** High performance synthetic rubber in different colours

## Recommended Fluids

Air, dry air, water, water-oil-emulsions and water-glycol-emulsions. (Mineral based hydraulic and lubricating oils with chemical and thermal (70 °C) restriction).  
 Consult the chemical compatibility section on page Ab-16 for more detailed information.

## Temperature Range

-40 °C up to +100 °C  
 Exception: Air ..... max. +70 °C  
 Water ..... max. +85 °C

## Fittings Series



Part Number XXXX-XX-XX	Hose I.D.				Hose O.D. mm	Pressure rating				Vacuum kilo Pascal*1 kPa	min. bend radius mm	Weight kg/m
	DN	Inch	Size	mm		max. dynamic working pressure MPa	psi	min. burst pressure MPa	psi			
837BM-4-XXX-RL	6	1/4	-4	6,3	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	20	3/4	-12	19,1	26,2	1,6	235	6,4	940	51	180	0,36

\*1 = 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

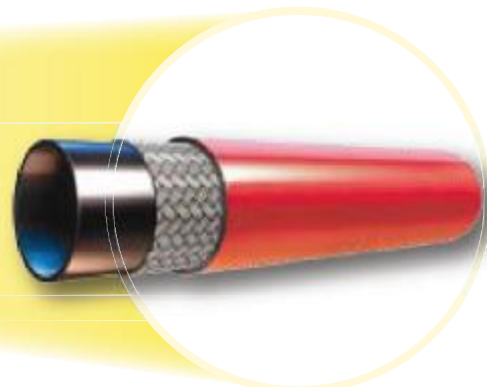
Information about standard products or non-standard products can be found in the current price list.  
 Dimensions shown may be changed at any time without prior notice.

# 837PU-Plus – Hybrid Push-Lok Hose

For a variety of applications including automotive

## Main Features

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



## Primary Applications/Restrictions

**All Markets:** For high demanding applications  
For energy chain systems

**Robot and Automotive market:**  
For hose bundle systems

*Not permitted for use in air brake systems.  
Not suitable for high dynamic pulsation systems.  
Not recommended for motor fuels.*

## Hose Construction

**Tube:** Synthetic rubber  
**Reinforcement:** High tensile textile layer  
**Cover:** High performance polyurethane material in different colours

## Recommended Fluids

Air, dry air, water, water-oil-emulsions and water-glycol-emulsions. (Mineral based hydraulic and lubricating oils with chemical and thermal (70 °C) restriction).  
Consult the chemical compatibility section on page Ab-16 for more detailed information.

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

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

## Fittings Series



Part Number XXXX-XX-XX	Hose I.D.				Hose O.D. mm	Pressure rating				Vaccum kilo Pascal*1 kPa	min. bend radius mm	Weight kg/m
	DN	Inch	Size	mm		max. dynamic working pressure MPa	psi	min. burst pressure MPa	psi			
837PU-4-xxx-RL	6	1/4	-4	6,3	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	20	3/4	-12	19,1	26,2	1,6	235	6,4	940	51	110	0,33

\*1 = 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

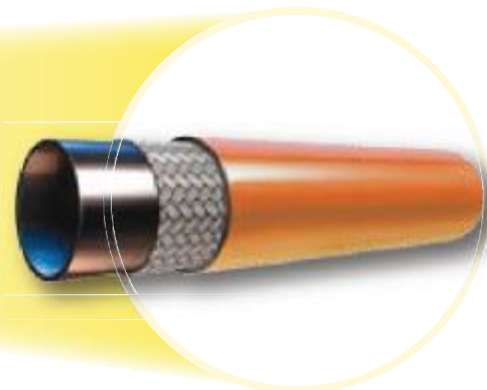
Information about standard products or non-standard products can be found in the current price list.  
Dimensions shown may be changed at any time without prior notice.

# 838M – Push-Lok Hose

For non conductive applications

## Main Features

- Non conductive hose



## Primary Applications/Restrictions

**Special Market:** For special electrical requirements  
*Not permitted for use in air brake systems.*  
*Not suitable for high dynamic pulsation systems.*  
*Not recommended for motor fuels.*

## Hose Construction

**Tube:** Polyurethane material  
**Reinforcement:** High tensile textile layer  
**Cover:** Orange coloured polyurethane material

## Recommended Fluids

Mineral based hydraulic and lubricating oils, coolant, antifreeze, water, water-oil emulsions.  
 Consult the chemical compatibility section on page Ab-16 for more detailed information.

**Temperature Range** -40 °C up to +80 °C

## Fittings Series
























XXXX-XX-XX Part Number	Hose I.D.				Hose O.D.	Pressure rating				Vacuum kilo Pascal*1 kPa	min. bend radius mm	Weight kg/m
	DN	Inch	Size	mm	mm	max. dynamic working pressure	min. burst pressure	MPa	psi			
838M-4-RL	6	1/4	-4	6,3	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	20	3/4	-12	19,1	26,0	1,6	232	6,4	928	10	110	0,31




















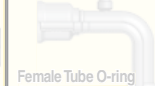

\*1 = the vacuum values listed in the table are vacuum pressure values in kPa. For an absolute value subtract the table value from 101 kPa  
 RL = only available on reels

Information about standard products or non-standard products can be found in the current price list.  
 Dimensions shown may be changed at any time without prior notice.

# Fittings Overview 82 Series

DIN	<b>CA B1b-6</b>  DKOL	<b>CE B1b-7</b>  DKOL 45°	<b>CF B1b-8</b>  DKOL 90°	<b>D0 B1b-9</b>  CEL	<b>C0</b>  DKM or DKLL	<b>C3 B1b-1</b>  DKL	<b>C4 B1b-2</b>  DKL 45°
	<b>C5 B1b-3</b>  DKL 90°	<b>1D B1b-10</b>  BEL	<b>DD</b>  BEL 45°	<b>5D</b>  BEL 90°	<b>C9</b>  DKOS	<b>0C</b>  DKOS 45°	<b>1C</b>  DKOS 90°
	<b>D2</b>  CES	<b>C6</b>  DKS	<b>3D</b>  BES	<b>49 B1b-34</b>  Metric Banjo	<b>9B B1b-4</b>  Swivel Female 45° Elbow	<b>9C B1b-5</b>  Swivel Female 90° Elbow	
BSP	<b>92 B1b-14</b>  DKR	<b>B1 B1b-15</b>  DKR 45°	<b>B2 B1b-16</b>  DKR 90°	<b>B4</b>  DKR 90° (Compact)	<b>EA</b>  DKOR	<b>EB</b>  DKOR 45°	<b>EC</b>  DKOR 90°
	<b>D9 B1b-17</b>  AGR	<b>91 B1b-18</b>  AGR-K	<b>B5</b>  Female BSP Parallel Pipe - Swivel (Flat Seat)	<b>34 B1b-19</b>  Standpipe			
SAE	<b>01 B1b-20</b>  AGN	<b>02 B1b-22</b>  Female NPTF Pipe Rigid - Straight	<b>03 B1b-23</b>  AGJ	<b>04</b>  Male SAE 45° - Rigid	<b>05</b>  Male SAE Straight Thread with O-ring - Rigid	<b>06 B1b-24 68</b>  DKJ	<b>08 B1b-27</b> 
	<b>13 B1b-21</b>  Male NPTF Pipe Swivel	<b>33</b>  Male JIC 37° - Rigid	<b>37 B1b-25 3V</b>  DKJ 45°	<b>39 B1b-26 3W</b>  DKJ 90°	<b>41 3Y</b>  DKJ 90°L	<b>L9</b>  DKJ 90° M	<b>93</b>  Female JIC 37° - Swivel (Block Type)
Flange	<b>15 4A</b>  SFL	<b>16</b>  SFL 22.5°	<b>17 4F</b>  SFL 45°	<b>19 4N</b>  SFL 90°	<b>6A</b>  SFS	<b>6F</b>  SFS 45°	<b>6N</b>  SFS 90°
	<b>89</b>  SFL 90° - long	<b>XA</b>  Caterpillar Flange Head	<b>XF</b>  Caterpillar Flange Head 45°	<b>XG</b>  Caterpillar Flange Head 60°	<b>XN</b>  Caterpillar Flange Head 90°		

<b>ORFS</b>	<b>JC B1b-28</b>  ORFS - short	<b>JS</b>  ORFS - long	<b>J7</b>  ORFS 45°	<b>J9</b>  ORFS Female 90°	<b>J1</b>  ORFS 90° - extra long	<b>J5</b>  ORFS 90° - long	<b>JM</b>  ORFS Male	
	<b>JD</b>  Male ORFS – Bulkhead with Locknut (with O-ring)							
	<b>JIS</b>	<b>FU</b>  GUI	<b>GU</b>  GUO	<b>MU</b>  Female Metric Swivel – (30° Flare)	<b>MZ</b>  Female Metric Swivel – (30° Flare)	<b>UT</b>  Male BSP Taper Pipe Rigid – (60° Cone)		
	<b>French Standard</b>	<b>FG</b>  Male Rigid Gas Series - (24° Cone)	<b>F2</b>  Female Swivel Gas Series	<b>F4</b>  Female Swivel Gas Series - (Ball Nose)	<b>F6</b>  Male Metric (24° Cone)	<b>F9</b>  Swivel Female Metric (Ball Nose)	<b>FA</b>  Metric Male for Agriculture Valves	
<b>High Pressure Cleaning</b>	<b>CW</b>  Power Cleaner Connection	<b>PW</b>  Male Kärcher Metric Cleaning Hose Fitting – Rigid	<b>NW</b>  Female Kärcher Metric Cleaning Hose Fitting Swivel – (New Design)					

<b>others</b>	<b>XU</b>  Female Metric Swivel – (30° Flare)	<b>XY</b>  Female Metric Swivel – (30° Flare)	<b>DK</b>  Male Metric L – Rigid Bulkhead with Locknut (24° Cone)	<b>DX</b>  Female Metric Swivel (M27x2) O-ring – Light Series	<b>FF B1b-29</b>  Metru-Lok Swivel Female	<b>AF B1b-30</b>  Male BSP Parallel Pipe Rigid – Straight (with O-ring Seal)	<b>NM B1b-31</b>  Male BSP Parallel Pipe – L Series – Rigid Straight – ED-Seal
	<b>YW B1b-32</b>  Male Standpipe – Rigid – Straight – A-Lok	<b>VW121 B1b-33</b>  BSP Swivel Female	<b>82 B1b-35</b>  Push-Lok Union	<b>DP B1b-36</b>  Metric Swivel Female Tee / Male Stud	<b>DR B1b-37</b>  Metric Swivel Female Tee	<b>5C B1b-11</b>  60° Cone Swivel Female	<b>6C B1b-12</b>  60° Cone Swivel Female – 45° Elbow
	<b>7C B1b-13</b>  60° Cone Swivel Female – 90° Elbow	<b>5S</b>  Female Tube O-ring Swivel – Short Pilot	<b>5H</b>  Female Tube O-ring Swivel – 45° Elbow Short Pilot	<b>5T</b>  Female Tube O-ring Swivel 90° Elbow Short Pilot	<b>59PT</b>  Male Tube O-ring Swivel – Long Pilot Charge Port at 180° for R134a	<b>5LPT</b>  Female Tube O-ring Swivel – 90° Elbow Long Pilot Charge Port at 180° for R134a	<b>T1</b>  Male Refrigerant Tube Mender – Straight (with Nut and Ferrule)







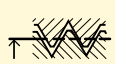

**C3 – Female Metric – Light Series – Swivel – Straight (Ball Nose)**

DKL



Approved fitting series for hose types:



XXXX-XX-XX Part Number 	 Hose I.D.				 Thread metric	Tube O.D.	A	B	 W
	DN	Inch	Size	mm					
3C382-6-4	6	1/4	-4	6,3	M12x1,5	6	33	14	14
3C382-6-4B	6	1/4	-4	6,3	M12x1,5	6	33	14	14
3C382-6-4BK	6	1/4	-4	6,3	M12x1,5	6	33	14	14
3C382-6-4C	6	1/4	-4	6,3	M12x1,5	6	35	16	14
3C382-8-4	6	1/4	-4	6,3	M14x1,5	8	33	14	17
3C382-8-4B	6	1/4	-4	6,3	M14x1,5	8	36	16	19
3C382-8-4BK	6	1/4	-4	6,3	M14x1,5	8	36	16	19
3C382-8-4C	6	1/4	-4	6,3	M14x1,5	8	33	14	17
3C382-10-4	6	1/4	-4	6,3	M16x1,5	10	34	14	19
3C382-10-4BK	6	1/4	-4	6,3	M16x1,5	10	34	14	19
3C382-10-4C	6	1/4	-4	6,3	M16x1,5	10	36	17	19
3C382-10-6	10	3/8	-6	9,5	M16x1,5	10	38	15	19
3C382-10-6B	10	3/8	-6	9,5	M16x1,5	10	38	15	19
3C382-10-6BK	10	3/8	-6	9,5	M16x1,5	10	38	15	19
3C382-10-6C	10	3/8	-6	9,5	M16x1,5	10	40	17	19
3C382-12-6	10	3/8	-6	9,5	M18x1,5	12	38	16	22
3C382-12-6BK	10	3/8	-6	9,5	M18x1,5	12	38	16	22
3C382-12-6C	10	3/8	-6	9,5	M18x1,5	12	38	15	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	42	15	27
3C382-15-8C	12	1/2	-8	12,7	M22x1,5	15	44	17	27
3C382-15-8BK	12	1/2	-8	12,7	M22x1,5	15	46	17	27
3C382-15-10	16	5/8	-10	15,9	M22x1,5	15	56	20	27
3C382-18-10	16	5/8	-10	15,9	M26x1,5	18	53	17	32
3C382-18-10C	16	5/8	-10	15,9	M26x1,5	18	54	17	32
3C382-22-12	20	3/4	-12	19,1	M30x2	22	53	17	36
3C382-22-12B	20	3/4	-12	19,1	M30x2	22	53	17	36
3C382-22-12BK	20	3/4	-12	19,1	M30x2	22	53	17	36
3C382-28-16	25	1	-16	25,4	M36x2	28	58	22	41
3C382-28-16BK	25	1	-16	25,4	M36x2	28	58	22	41
3C382-28-16C-K	25	1	-16	25,4	M36x2	28	58	20	41

Information about standard products or non-standard products can be found in the current price list. Material: Steel chromium(VI)-free plated; B: Brass; C: Stainless Steel; K: Without plastic ring. Dimensions shown may be changed at any time without prior notice.


**C4 – Female Metric – Light Series – Swivel – 45° Elbow (Ball Nose)**

DKL 45°



Approved fitting series for hose types:



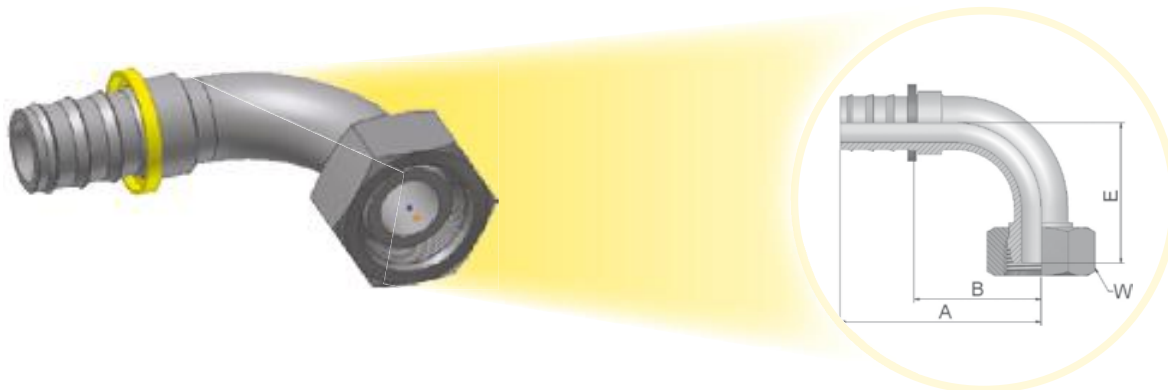
XXXX-XX-XX Part Number 	Hose I.D.				Thread metric	Tube O.D.	A	B	E	W
	DN	Inch	Size	mm						
3C482-6-4	6	1/4	-4	6,3	M12x1,5	6	51	32	16	14
3C482-6-4B	6	1/4	-4	6,3	M12x1,5	6	51	32	16	14
3C482-8-4	6	1/4	-4	6,3	M14x1,5	8	51	32	16	17
3C482-8-4B	6	1/4	-4	6,3	M14x1,5	8	51	32	16	17
3C482-8-4C	6	1/4	-4	6,3	M14x1,5	8	49	30	14	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	18	19
3C482-10-6C	10	3/8	-6	9,5	M16x1,5	10	59	36	19	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	59	36	18	22
3C482-15-8	12	1/2	-8	12,7	M22x1,5	15	68	41	19	27
3C482-15-8B	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	44	21	32
3C482-18-12	20	3/4	-12	19,1	M26x1,5	18	99	62	31	32
3C482-22-12	20	3/4	-12	19,1	M30x2	22	88	52	23	36
3C482-22-12B	20	3/4	-12	19,1	M30x2	22	88	52	23	36
3C482-28-16-K	25	1	-16	25,4	M36x2	28	105	67	30	41

Material: Steel chromium(VI)-free plated  
 B: Brass  
 C: Stainless Steel  
 K: Without plastic ring

Information about standard products or non-standard products can be found in the current price list.  
 Dimensions shown may be changed at any time without prior notice.


**C5 – Female Metric – Light Series – Swivel – 90° Elbow (Ball Nose)**

DKL 90°



Approved fitting series for hose types:

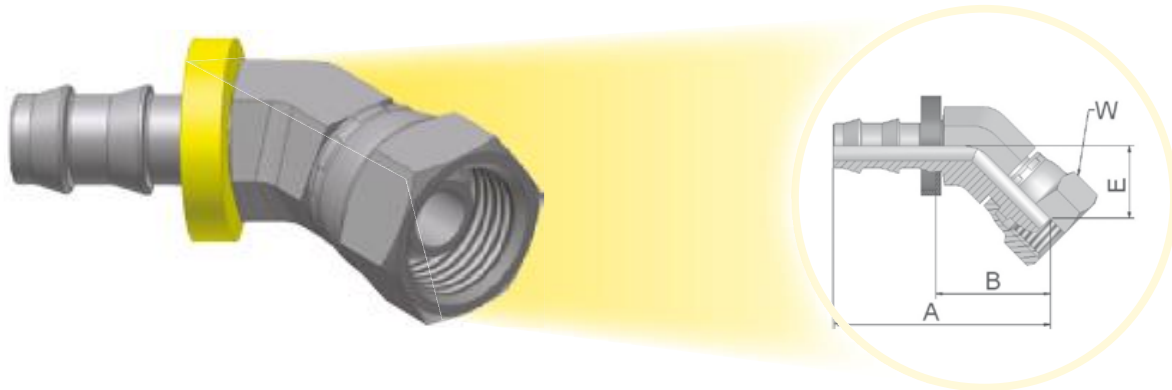


XXXX-XX-XX Part Number 	Hose I.D.				Thread metric	Tube O.D.	A	B	E	W
	DN	Inch	Size	mm						
3C582-6-4	6	1/4	-4	6,3	M12x1,5	6	42	23	29	14
3C582-6-4B	6	1/4	-4	6,3	M12x1,5	6	42	23	29	14
3C582-8-4	6	1/4	-4	6,3	M14x1,5	8	42	23	29	17
3C582-8-4B	6	1/4	-4	6,3	M14x1,5	8	42	23	29	17
3C582-10-4	6	1/4	-4	6,3	M16x1,5	10	42	23	29	19
3C582-10-4C	6	1/4	-4	6,3	M16x1,5	10	43	23	31	19
3C582-10-6	10	3/8	-6	9,5	M16x1,5	10	49	27	33	19
3C582-10-6B	10	3/8	-6	9,5	M16x1,5	10	49	27	33	19
3C582-10-6C	10	3/8	-6	9,5	M16x1,5	10	49	27	33	19
3C582-12-6	10	3/8	-6	9,5	M18x1,5	12	49	27	34	22
3C582-12-6B	10	3/8	-6	9,5	M18x1,5	12	49	27	34	22
3C582-12-6C	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	60	34	39	27
3C582-15-8B	12	1/2	-8	12,7	M22x1,5	15	60	34	39	27
3C582-15-8C	12	1/2	-8	12,7	M22x1,5	15	60	34	39	27
3C582-18-10	16	5/8	-10	15,9	M26x1,5	18	74	37	43	32
3C582-22-12	20	3/4	-12	19,1	M30x2	22	88	51	50	36
3C582-22-12B	20	3/4	-12	19,1	M30x2	22	88	51	50	36
3C582-22-12C	20	3/4	-12	19,1	M30x2	22	88	51	54	36
3C582-28-16-K	25	1	-16	25,4	M36x2	28	99	61	70	41

Material: Steel chromium(VI)-free plated  
 B: Brass  
 C: Stainless Steel  
 K: Without plastic ring



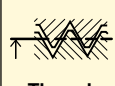

Information about standard products or non-standard products can be found in the current price list.  
 Dimensions shown may be changed at any time without prior notice.

**9B – Metric – Swivel Female 45° Elbow – Light Series**



Approved fitting series for hose types:

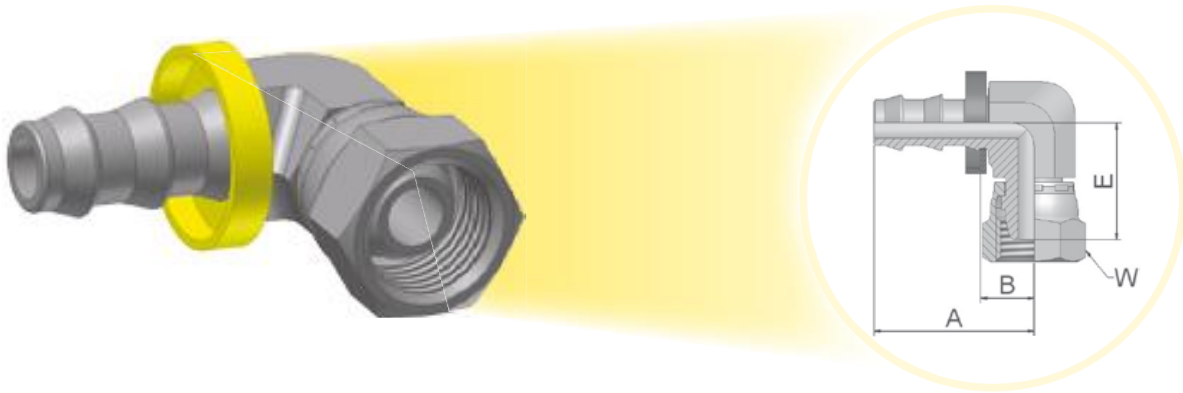


XXXX-XX-XX Part Number 	 Hose I.D.				 Thread metric	Tube O.D.	A	B	E	 W
	DN	Inch	Size	mm						
39B82-6-4BK	6	1/4	-4	6,3	M12x1,5	6	44	23	16	14
39B82-8-4BK	6	1/4	-4	6,3	M14x1,5	8	43	23	15	19
39B82-10-6BK	10	3/8	-6	9,5	M16x1,5	10	48	25	16	19
39B82-12-6BK	10	3/8	-6	9,5	M18x1,5	12	50	26	17	22
39B82-15-8BK	12	1/2	-8	12,7	M22x1,5	15	54	26	18	27

B: Brass  
K: Without plastic ring



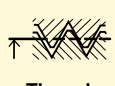

Information about standard products or non-standard products can be found in the current price list. Dimensions shown may be changed at any time without prior notice.

**9C – Light Series Metric Swivel Female 90° Elbow**



Approved fitting series for hose types:



XXXX-XX-XX Part Number  82	 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	6,3	M12x1,5	6	30	10	22	14
39C82-8-4BK	6	1/4	-4	6,3	M14x1,5	8	30	10	22	19
39C82-10-6BK	10	3/8	-6	9,5	M16x1,5	10	34	10	25	19
39C82-12-6BK	10	3/8	-6	9,5	M18x1,5	12	34	10	25	22
39C82-15-8BK	12	1/2	-8	12,7	M22x1,5	15	43	15	32	27

B: Brass  
K: Without plastic ring

Information about standard products or non-standard products can be found in the current price list. Dimensions shown may be changed at any time without prior notice.



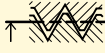

**CA – Female Metric 24° – Light Series with O-ring – Swivel – Straight**

ISO 12151-2-SWS-L – DKOL



Approved fitting series for hose types:



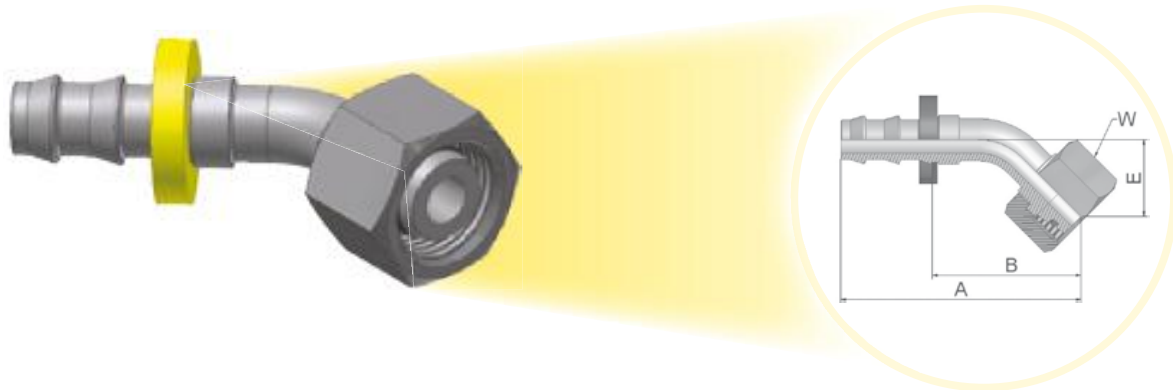
XXXX-XX-XX Part Number 	 Hose I.D.				 Thread metric	Tube O.D.	A	B	 W
	DN	Inch	Size	mm					
3CA82-6-4	6	1/4	-4	6,3	M12x1,5	6	40	21	14
3CA82-6-4B	6	1/4	-4	6,3	M12x1,5	6	40	21	14
3CA82-8-4	6	1/4	-4	6,3	M14x1,5	8	36	17	17
3CA82-8-4B	6	1/4	-4	6,3	M14x1,5	8	36	17	17
3CA82-10-4	6	1/4	-4	6,3	M16x1,5	10	36	17	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	40	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	40	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	18	27
3CA82-15-10	16	5/8	-10	15,9	M22x1,5	15	60	23	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
3CA82-22-12	20	3/4	-12	19,1	M30x2	22	58	21	36
3CA82-22-12B	20	3/4	-12	19,1	M30x2	22	58	21	36

Material: Steel chromium(VI)-free plated  
 B: Brass  
 Fittings with standard O-ring seals can be used for temperatures from -30 °C up to +105 °C.

Information about standard products or non-standard products can be found in the current price list.  
 Dimensions shown may be changed at any time without prior notice.



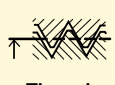

**CE – Female Metric 24° – Light Series with O-ring – Swivel – 45° Elbow**

ISO 12151-2-SWE45-L – DKOL 45°



Approved fitting series for hose types:



XXXX-XX-XX 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	6,3	M12x1,5	6	56	37	21	14
3CE82-8-4	6	1/4	-4	6,3	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	20	3/4	-12	19,1	M30x2	22	97	60	26	36

Material: Steel chromium(VI)-free plated

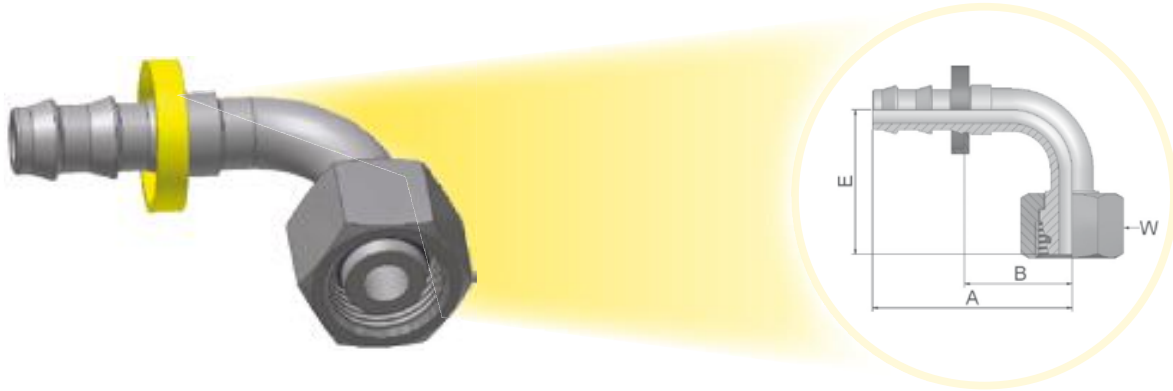
Fittings with standard O-ring seals can be used for temperatures from -30 °C up to +105 °C.

Information about standard products or non-standard products can be found in the current price list. Dimensions shown may be changed at any time without prior notice.





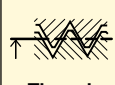

**CF – Female Metric 24° – Light Series with O-ring – Swivel – 90° Elbow**

ISO 12151-2-SWE-L – DKOL 90°



Approved fitting series for hose types:



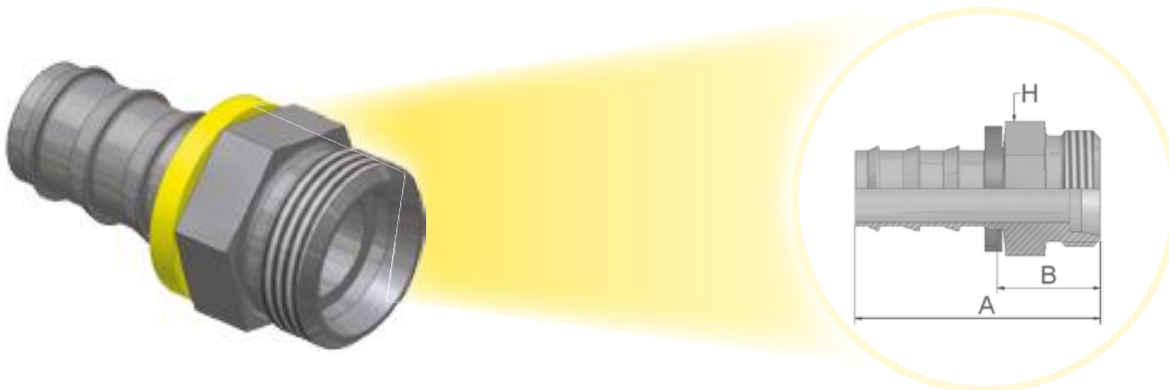
XXXX-XX-XX Part Number 	 Hose I.D.				 Thread metric	Tube O.D.	A	B	E	 W
	DN	Inch	Size	mm						
3CF82-6-4	6	1/4	-4	6,3	M12x1,5	6	42	23	36	14
3CF82-8-4	6	1/4	-4	6,3	M14x1,5	8	42	23	32	17
3CF82-10-4	6	1/4	-4	6,3	M16x1,5	10	42	23	31	19
3CF82-10-6	10	3/8	-6	9,5	M16x1,5	10	49	27	35	19
3CF82-10-6B	10	3/8	-6	9,5	M16x1,5	10	49	27	35	19
3CF82-12-6	10	3/8	-6	9,5	M18x1,5	12	49	27	36	22
3CF82-12-6B	10	3/8	-6	9,5	M18x1,5	12	49	27	36	22
3CF82-15-8	12	1/2	-8	12,7	M22x1,5	15	58	32	41	27
3CF82-18-10	16	5/8	-10	15,9	M26x1,5	18	74	37	45	32
3CF82-22-12	20	3/4	-12	19,1	M30x2	22	88	51	55	36

Material: Steel chromium(VI)-free plated  
 B & BK parts have brass nipples and steel nuts.  
 Fittings with standard O-ring seals can be used for temperatures from -30 °C up to +105 °C.  
 Special O-rings are available on request.

Information about standard products or non-standard products can be found in the current price list.  
 Dimensions shown may be changed at any time without prior notice.



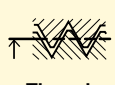

**DO – Male Metric 24° – Light Series – Rigid – Straight**

ISO 12151-2-S-L – CEL



Approved fitting series for hose types:



XXXX-XX-XX 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	6,3	M12x1,5	6	35	16	12
3D082-8-4	6	1/4	-4	6,3	M14x1,5	8	36	17	14
3D082-10-6	10	3/8	-6	9,5	M16x1,5	10	41	18	17
3D082-10-6B	10	3/8	-6	9,5	M16x1,5	10	41	18	17
3D082-10-6C	10	3/8	-6	9,5	M16x1,5	10	41	18	17
3D082-12-6	10	3/8	-6	9,5	M18x1,5	12	41	18	19
3D082-12-6B	10	3/8	-6	9,5	M18x1,5	12	41	18	19
3D082-12-6C	10	3/8	-6	9,5	M18x1,5	12	41	18	19
3D082-15-8	12	1/2	-8	12,7	M22x1,5	15	49	23	22
3D082-15-8B	12	1/2	-8	12,7	M22x1,5	15	49	23	22
3D082-15-8BK	12	1/2	-8	12,7	M22x1,5	15	49	22	22
3D082-15-8C	12	1/2	-8	12,7	M22x1,5	15	49	22	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
3D082-22-12	20	3/4	-12	19,1	M30x2	22	63	27	30
3D082-22-12B	20	3/4	-12	19,1	M30x2	22	63	27	30

Material: Steel chromium(VI)-free plated  
 B: Brass  
 C: Stainless Steel  
 K: Without plastic ring

Information about standard products or non-standard products can be found in the current price list.  
 Dimensions shown may be changed at any time without prior notice.

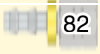

**1D – Metric Standpipe – Light Series – Rigid – Straight**

ISO 8434-1 – BEL



Approved fitting series for hose types:



XXXX-XX-XX Part Number 	 Hose I.D.				Tube O.D. mm	A mm	B mm	D mm
	DN	Inch	Size	mm				
31D82-6-4	6	1/4	-4	6,3	6	44	25	22
31D82-6-4B	6	1/4	-4	6,3	6	44	25	22
31D82-8-4	6	1/4	-4	6,3	8	44	25	22
31D82-8-4B	6	1/4	-4	6,3	8	44	25	22
31D82-10-6	10	3/8	-6	9,5	10	49	26	23
31D82-10-6B	10	3/8	-6	9,5	10	49	26	23
31D82-10-6C	10	3/8	-6	9,5	10	49	26	23
31D82-12-6	10	3/8	-6	9,5	12	49	27	23
31D82-12-6B	10	3/8	-6	9,5	12	49	27	23
31D82-12-6C	10	3/8	-6	9,5	12	49	27	23
31D82-15-8	12	1/2	-8	12,7	15	55	29	25
31D82-15-8B	12	1/2	-8	12,7	15	55	29	25
31D82-15-8C	12	1/2	-8	12,7	15	55	29	25
31D82-18-10	16	5/8	-10	15,9	18	67	30	26
31D82-18-10B	16	5/8	-10	15,9	18	67	30	26
31D82-22-12	20	3/4	-12	19,1	22	69	32	28
31D82-22-12B	20	3/4	-12	19,1	22	69	32	28

Attention: For assembly of EO-2-functional nut or nut and progressive ring use the EO-pre-assembly body.  
 Material: Steel chromium(VI)-free plated  
 B: Brass  
 C: Material: Stainless Steel



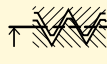

Information about standard products or non-standard products can be found in the current price list.  
 Dimensions shown may be changed at any time without prior notice.

**5C – 60° Cone Swivel Female**



Approved fitting series for hose types:

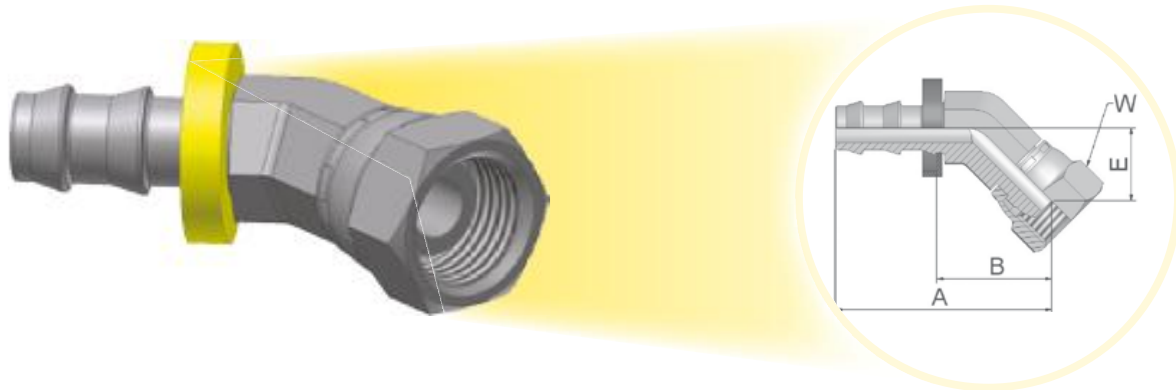


XXXX-XX-XX Part Number 	 Hose I.D.				 Thread metric	A mm	B mm	 W mm
	DN	Inch	Size	mm				
35C82-12x1-4BK	6	1/4	-4	6,3	M12x1	33	13	14
35C82-6-4BK	6	1/4	-4	6,3	M12x1,5	33	14	14
35C82-10-6BK	10	3/8	-6	9,5	M16x1,5	38	15	19
35C82-10-6B	10	3/8	-6	9,5	M16x1,5	38	15	19
35C82-15-8BK	12	1/2	-8	12,7	M22x1,5	44	18	27
35C82-15-8B	12	1/2	-8	12,7	M22x1,5	44	18	27
35C82-18-10BK	16	5/8	-10	15,9	M26x1,5	56	18	32

B: Brass  
K: Without plastic ring




Information about standard products or non-standard products can be found in the current price list. Dimensions shown may be changed at any time without prior notice.

**6C – 60° Cone Swivel Female – 45° Elbow**



Approved fitting series for hose types:

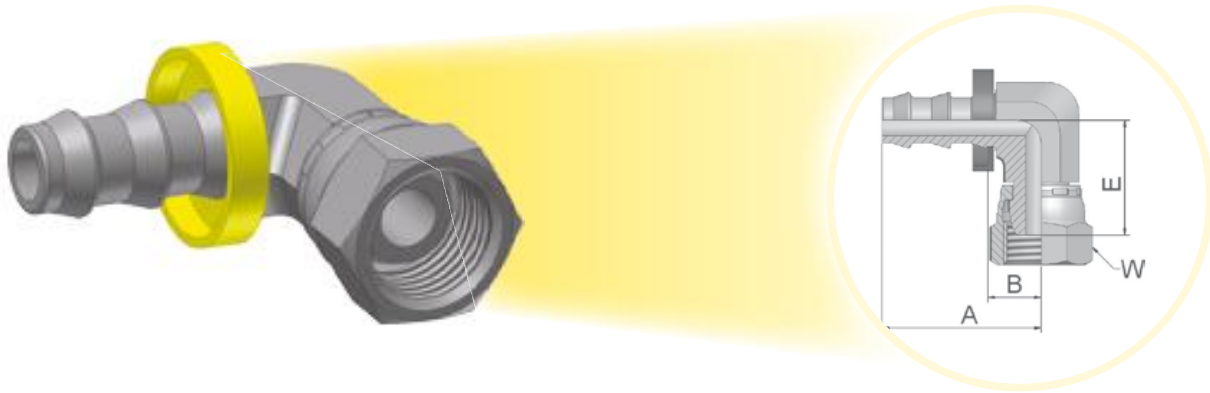


XXXX-XX-XX Part Number 	 Hose I.D.				Thread metric	A mm	B mm	E mm	 W mm
	DN	Inch	Size	mm					
36C82-12x1-4BK	6	1/4	-4	6,3	M12x1	43	22	15	14
36C82-6-4BK	6	1/4	-4	6,3	M12x1,5	44	25	16	14
36C82-6-4B	6	1/4	-4	6,3	M12x1,5	44	25	16	14
36C82-10-6BK	10	3/8	-6	9,5	M16x1,5	48	26	16	19
36C82-10-6B	10	3/8	-6	9,5	M16x1,5	48	26	16	19
36C82-15-8BK	12	1/2	-8	12,7	M22x1,5	54	28	18	27

B: Brass  
K: Without plastic ring



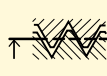

Information about standard products or non-standard products can be found in the current price list.  
Dimensions shown may be changed at any time without prior notice.

**7C – 60° Cone Swivel Female – 90° Elbow**



Approved fitting series for hose types:



XXXX-XX-XX Part Number 	 Hose I.D.				 Thread metric	A	B	E	 W
	DN	Inch	Size	mm					
37C82-12x1-4BK	6	1/4	-4	6,3	M12x1	30	10	22	14
37C82-12x1-4B	6	1/4	-4	6,3	M12x1	30	10	22	14
37C82-6-4BK	6	1/4	-4	6,3	M12x1,5	30	11	22	14
37C82-6-4B	6	1/4	-4	6,3	M12x1,5	30	11	22	14
37C82-10-6BK	10	3/8	-6	9,5	M16x1,5	34	11	25	19
37C82-10-6B	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
37C82-15-8B	12	1/2	-8	12,7	M22x1,5	43	16	32	27

B: Brass  
K: Without plastic ring

Information about standard products or non-standard products can be found in the current price list. Dimensions shown may be changed at any time without prior notice.



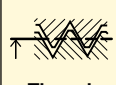

**92 – Female BSP Parallel Pipe – Swivel – Straight (60° Cone)**

BS5200-A – DKR



Approved fitting series for hose types:



XXXX-XX-XX Part Number 	 Hose I.D.				 Thread BSP	A mm	B mm	 W mm
	DN	Inch	Size	mm				
39282-4-4	6	1/4	-4	6,3	1/4x19	33	14	17
39282-4-4B	6	1/4	-4	6,3	1/4x19	33	14	17
39282-4-4C	6	1/4	-4	6,3	1/4x19	33	14	19
39282-6-4B	6	1/4	-4	6,3	3/8x19	37	18	22
39282-6-6	10	3/8	-6	9,5	3/8x19	37	14	19
39282-6-6B	10	3/8	-6	9,5	3/8x19	37	14	19
39282-6-6C	10	3/8	-6	9,5	3/8x19	40	17	22
39282-8-8	12	1/2	-8	12,7	1/2x14	42	15	27
39282-8-8B	12	1/2	-8	12,7	1/2x14	42	15	27
39282-8-8C	12	1/2	-8	12,7	1/2x14	43	16	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
39282-12-10C	16	5/8	-10	15,9	3/4x14	55	18	32
39282-12-12	20	3/4	-12	19,1	3/4x14	58	21	32
39282-12-12B	20	3/4	-12	19,1	3/4x14	58	21	32
39282-16-16	25	1	-16	25,4	1x11	57	20	41

Material: Steel chromium(VI)-free plated

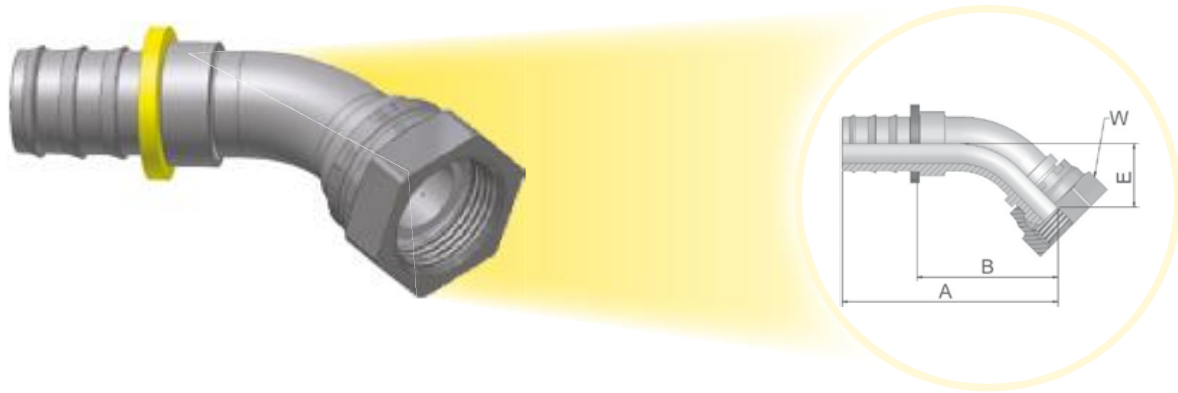
B: Brass

C: Material: Stainless Steel

Information about standard products or non-standard products can be found in the current price list.  
Dimensions shown may be changed at any time without prior notice.




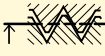

**B1 – Female BSP Parallel Pipe – Swivel – 45° Elbow (60° Cone)**

BS 5200-D – DKR 45°



Approved fitting series for hose types:



 Part Number  82	 Hose I.D.				 Thread BSP	A	B	E	 W
	DN	Inch	Size	mm		mm	mm	mm	mm
3B182-4-4	6	1/4	-4	6,3	1/4x19	51	32	16	17
3B182-6-6	10	3/8	-6	9,5	3/8x19	58	35	18	19
3B182-6-6B	10	3/8	-6	9,5	3/8x19	69	46	17	19
3B182-8-8	12	1/2	-8	12,7	1/2x14	68	41	19	27
3B182-8-8B	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	20	3/4	-12	19,1	3/4x14	92	55	27	32
3B182-16-16-K	25	1	-16	25,4	1x11	106	68	31	41

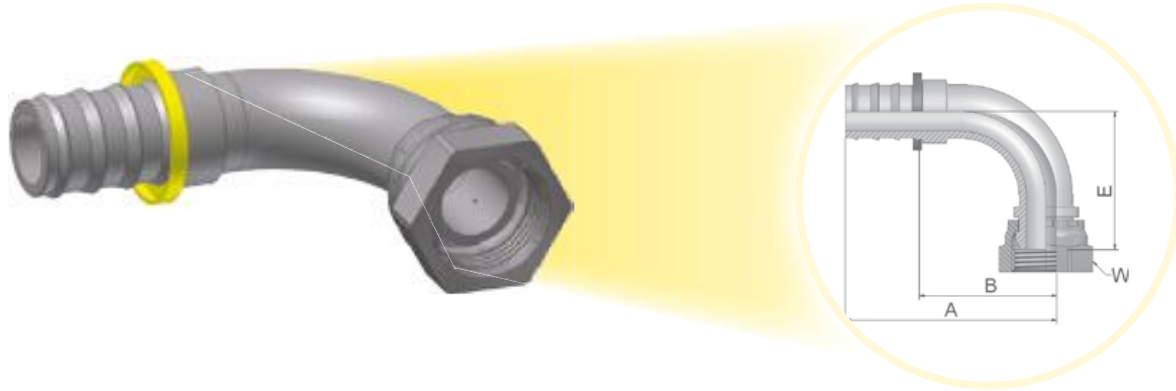
Material: Steel chromium(VI)-free plated  
 B: Brass  
 K: Without plastic ring

Information about standard products or non-standard products can be found in the current price list.  
 Dimensions shown may be changed at any time without prior notice.





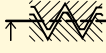

**B2 – Female BSP Parallel Pipe – Swivel – 90° Elbow (60° Cone)**

BS 5200-B – DKR 90°



Approved fitting series for hose types:



XXXX-XX-XX 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	6,3	1/4x19	42	23	29	17
3B282-4-4B	6	1/4	-4	6,3	1/4x19	42	23	29	17
3B282-6-6	10	3/8	-6	9,5	3/8x19	49	27	33	19
3B282-6-6B	10	3/8	-6	9,5	3/8x19	49	27	33	19
3B282-8-8	12	1/2	-8	12,7	1/2x14	60	34	39	27
3B282-8-8B	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	20	3/4	-12	19,1	3/4x14	88	51	53	32
3B282-12-12B	20	3/4	-12	19,1	3/4x14	88	51	53	32
3B282-16-16-K	25	1	-16	25,4	1x11	99	61	68	41

Material: Steel chromium(VI)-free plated

B: Nipple: Brass, Nut: Steel

K: Without plastic ring

Information about standard products or non-standard products can be found in the current price list.  
Dimensions shown may be changed at any time without prior notice.



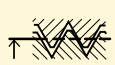

**D9 – Male BSP Parallel Pipe – Rigid – Straight (60° Cone)**

BS5200 – AGR



Approved fitting series for hose types:



XXXX-XX-XX Part Number 	 Hose I.D.				 Thread BSP	A mm	B mm	 H mm
	DN	Inch	Size	mm				
3D982-2-4	6	1/4	-4	6,3	1/8x28	36	17	14
3D982-4-4	6	1/4	-4	6,3	1/4x19	41	23	19
3D982-4-4B	6	1/4	-4	6,3	1/4x19	41	23	19
3D982-4-6	10	3/8	-6	9,5	1/4x19	44	21	19
3D982-4-6B	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
3D982-6-6B	10	3/8	-6	9,5	3/8x19	45	23	22
3D982-8-8	12	1/2	-8	12,7	1/2x14	53	27	27
3D982-8-8B	12	1/2	-8	12,7	1/2x14	53	27	27
3D982-10-10	16	5/8	-10	15,9	5/8x14	65	28	30
3D982-10-10B	16	5/8	-10	15,9	5/8x14	65	28	30
3D982-12-12	20	3/4	-12	19,1	3/4x14	65	28	32
3D982-12-12B	20	3/4	-12	19,1	3/4x14	65	28	32

Material: Steel chromium(VI)-free plated  
B: Brass

Information about standard products or non-standard products can be found in the current price list.  
Dimensions shown may be changed at any time without prior notice.

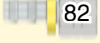

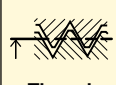

**91 – Male BSP Taper Pipe – Rigid – Straight**

BS5200 – AGR-K



Approved fitting series for hose types:



XXXX-XX-XX Part Number 	 Hose I.D.				 Thread BSP	A	B	 H
	DN	Inch	Size	mm				
39182-2-4B	6	1/4	-4	6,3	1/8x28	37	18	12
39182-2-4	6	1/4	-4	6,3	1/8x28	37	18	12
39182-4-4	6	1/4	-4	6,3	1/4x19	40	21	14
39182-4-4B	6	1/4	-4	6,3	1/4x19	40	21	14
39182-4-6	10	3/8	-6	9,5	1/4x19	44	21	14
39182-4-6B	10	3/8	-6	9,5	1/4x19	44	21	14
39182-6-6	10	3/8	-6	9,5	3/8x19	45	22	19
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
39182-8-8	12	1/2	-8	12,7	1/2x14	55	29	22
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	68	31	27
39182-12-12	20	3/4	-12	19,1	3/4x14	68	31	27
39182-12-12B	20	3/4	-12	19,1	3/4x14	68	31	27
39182-16-16B	25	1	-16	25,4	1x11	74	38	36

Material: Steel chromium(VI)-free plated  
B: Brass



Information about standard products or non-standard products can be found in the current price list.  
Dimensions shown may be changed at any time without prior notice.

**34 – Inch Standpipe (Brass)**



Approved fitting series for hose types:



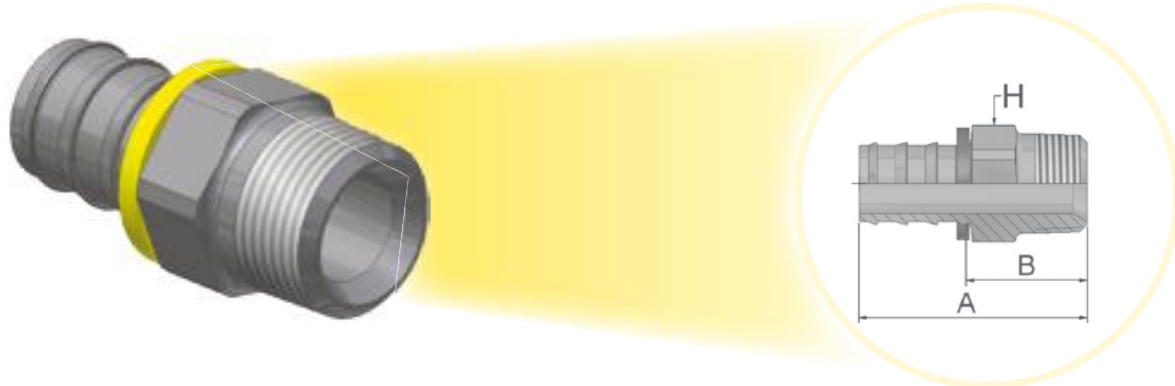
XXXX-XX-XX Part Number 	 Hose I.D.				Tube O.D.	A	B	D
	DN	Inch	Size	mm				
33482-4-4B	6	1/4	-4	6,3	1/4	48	29	26
33482-6-6B	10	3/8	-6	9,5	3/8	57	34	31
33482-8-8B	12	1/2	-8	12,7	1/2	55	28	25
33482-10-10B	16	5/8	-10	15,9	5/8	67	30	25
33482-12-12B	20	3/4	-12	19,1	3/4	67	30	25

B: Brass

Information about standard products or non-standard products can be found in the current price list. Dimensions shown may be changed at any time without prior notice.

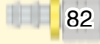

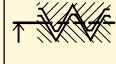
**01 – Male NPTF Pipe – Rigid – Straight**

SAE J476A – J516 – AGN



Approved fitting series for hose types:



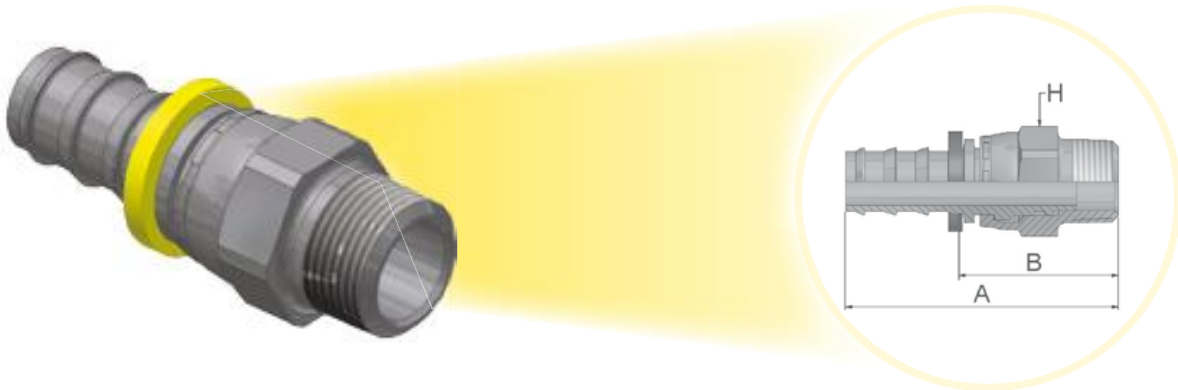
XXXX-XX-XX Part Number 	 Hose I.D.				 Thread NPTF	A	B	H
	DN	Inch	Size	mm				
30182-2-4	6	1/4	-4	6,3	1/8x27	35	16	7/16
30182-2-4B	6	1/4	-4	6,3	1/8x27	35	16	7/16
30182-2-4-SM	6	1/4	-4	6,3	1/8x27	35	16	12
30182-4-4	6	1/4	-4	6,3	1/4x18	40	21	9/16
30182-4-4-SM	6	1/4	-4	6,3	1/4x18	40	21	14
30182-4-4B	6	1/4	-4	6,3	1/4x18	40	21	9/16
30182-4-4C	6	1/4	-4	6,3	1/4x18	40	21	9/16
30182-8-4C	6	1/4	-4	6,3	1/2x14	48	29	7/8
30182-4-6	10	3/8	-6	9,5	1/4x18	45	22	9/16
30182-4-6B	10	3/8	-6	9,5	1/4x18	45	22	9/16
30182-4-6-SM	10	3/8	-6	9,5	1/4x18	45	22	14
30182-6-6	10	3/8	-6	9,5	3/8x18	45	22	11/16
30182-6-6B	10	3/8	-6	9,5	3/8x18	45	22	11/16
30182-6-6-SM	10	3/8	-6	9,5	3/8x18	45	22	22
30182-6-6C	10	3/8	-6	9,5	3/8x18	45	23	11/16
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
30182-6-8	12	1/2	-8	12,7	3/8x18	49	22	11/16
30182-6-8B	12	1/2	-8	12,7	3/8x18	49	22	11/16
30182-8-8	12	1/2	-8	12,7	1/2x14	55	29	7/8
30182-8-8B	12	1/2	-8	12,7	1/2x14	55	29	7/8
30182-8-8B-SM	12	1/2	-8	12,7	1/2x14	55	29	22
30182-8-8C	12	1/2	-8	12,7	1/2x14	55	29	7/8
30182-8-10-SM	16	5/8	-10	15,9	1/2x14	66	29	22
30182-8-10B	16	5/8	-10	15,9	1/2x14	66	29	7/8
30182-8-12-SM	20	3/4	-12	19,1	1/2x14	66	29	22
30182-8-12B	20	3/4	-12	19,1	1/2x14	66	29	7/8
30182-12-12	20	3/4	-12	19,1	3/4x14	66	29	1-1/16
30182-12-12C	20	3/4	-12	19,1	3/4x14	66	29	1-1/16
30182-12-12B	20	3/4	-12	19,1	3/4x14	66	29	1-1/16

Material: Steel  
chromium(VI)-  
free plated  
B: Brass  
C: Stainless Steel  
SM:  
Metric Hexagon

Information about standard products or non-standard products can be found in the current price list.  
Dimensions shown may be changed at any time without prior notice.



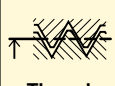
**13 – Male NPTF Pipe Swivel**

SAE J476A – J516



Approved fitting series for hose types:



XXXX-XX-XX Part Number 	 Hose I.D.				 Thread NPTF	A mm	B mm	H Inch
	DN	Inch	Size	mm				
31382-4-4	6	1/4	-4	6,3	1/4x18	41	22	9/16
31382-4-6	10	3/8	-6	9,5	1/4x18	45	23	11/16
31382-6-6	10	3/8	-6	9,5	3/8x18	45	23	11/16
31382-8-8	12	1/2	-8	12,7	1/2x14	56	29	7/8
31382-12-12	20	3/4	-12	19,1	3/4x14	94	58	1-1/4

Material: Steel chromium(VI)-free plated

Note: This fitting allows for minor movement under pressure to relieve the torsion on hose, but it is not to be used for continuous or extreme swiveling.

Note: Internal O-ring is not compatible with phosphate ester fluids.

Information about standard products or non-standard products can be found in the current price list. Dimensions shown may be changed at any time without prior notice.



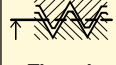
**02 – Female NPTF Pipe – Rigid – Straight**

SAE J476A – J516



Approved fitting series for hose types:



XXXX-XX-XX Part Number 	 Hose I.D.				 Thread NPTF	A mm	B mm	H Inch
	DN	Inch	Size	mm				
30282-4-4B	6	1/4	-4	6,3	1/4x18	40	21	3/4
30282-4-4C-SM	6	1/4	-4	6,3	1/4x18	40	21	19
30282-6-6B	10	3/8	-6	9,5	3/8x18	46	23	7/8
30282-8-8C	12	1/2	-8	12,7	1/2x14	55	28	1-1/16
30282-8-8B	12	1/2	-8	12,7	1/2x14	55	28	1-1/16

Material: Steel chromium(VI)-free plated  
 B: Brass  
 C: Stainless Steel  
 K: Without plastic ring  
 SM: Metric Hexagon

Information about standard products or non-standard products can be found in the current price list.  
 Dimensions shown may be changed at any time without prior notice.



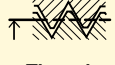
**03 – Male JIC 37° – Rigid – Straight**

ISO12151-5-S – AGJ



Approved fitting series for hose types:



XXXX-XX-XX Part Number 	 Hose I.D.				 Thread UNF	A mm	B mm	H Inch
	DN	Inch	Size	mm				
30382-4-4	6	1/4	-4	6,3	7/16x20	40	21	1/2
30382-4-4B	6	1/4	-4	6,3	7/16x20	40	21	12
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
30382-8-8	12	1/2	-8	12,7	3/4x16	52	26	3/4
30382-8-8B	12	1/2	-8	12,7	3/4x16	52	26	3/4
30382-12-12	20	3/4	-12	19,1	1-1/16x12	69	32	1-1/8
30382-12-12B	20	3/4	-12	19,1	1-1/16x12	69	32	1-1/8

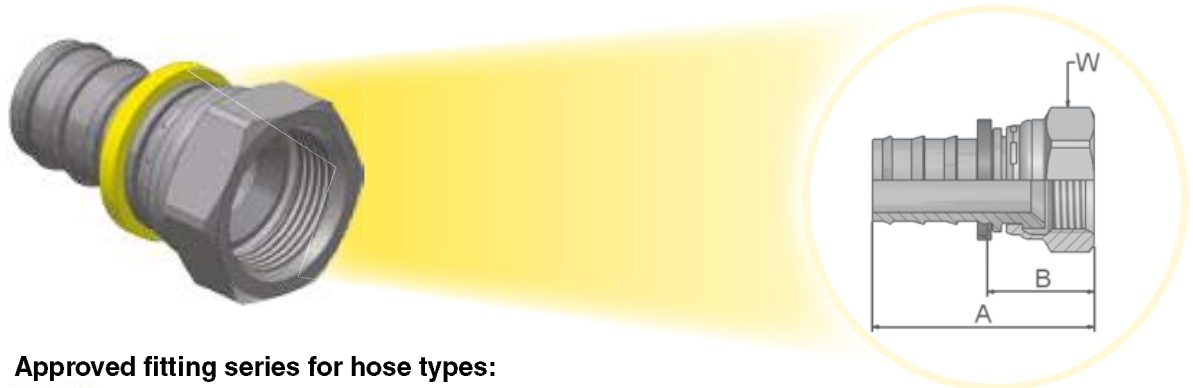
Material: Steel chromium(VI)-free plated  
B: Brass

Information about standard products or non-standard products can be found in the current price list.  
Dimensions shown may be changed at any time without prior notice.



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

ISO12151-5-SWS – DKJ



Approved fitting series for hose types:



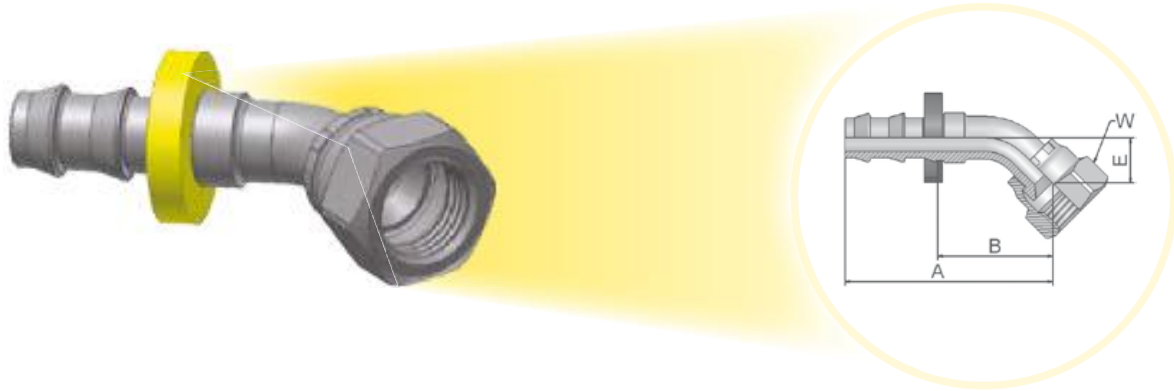
XXXX-XX-XX  Part Number  82	Hose I.D.				Thread UNF	A	B	W
	DN	Inch	Size	mm				
30682-4-4	6	1/4	-4	6,3	7/16x20	39	19	9/16
30682-4-4-SM	6	1/4	-4	6,3	7/16x20	40	21	14
30682-4-4B	6	1/4	-4	6,3	7/16x20	39	19	9/16
30682-4-4C	6	1/4	-4	6,3	7/16x20	39	19	9/16
30682-5-4	6	1/4	-4	6,3	1/2x20	40	21	5/8
30682-5-4B	6	1/4	-4	6,3	1/2x20	40	21	5/8
36882-5-4C-SM	6	1/4	-4	6,3	1/2x20	40	21	17
30682-6-4B	6	1/4	-4	6,3	9/16x18	42	22	11/16
30682-5-6B	10	3/8	-6	9,5	1/2x20	44	21	5/8
30682-6-6	10	3/8	-6	9,5	9/16x18	46	22	11/16
30682-6-6-SM	10	3/8	-6	9,5	9/16x18	45	22	19
30682-6-6B-SM	10	3/8	-6	9,5	9/16x18	45	22	19
30682-6-6C	10	3/8	-6	9,5	9/16x18	46	22	11/16
30682-6-6C-SM	10	3/8	-6	9,5	9/16x18	45	22	19
30682-8-6B	10	3/8	-6	9,5	3/4x16	47	24	7/8
36882-8-6-SM	10	3/8	-6	9,5	3/4x16	48	25	22
36882-8-6C-SM	10	3/8	-6	9,5	3/4x16	48	25	22
30682-8-8	12	1/2	-8	12,7	3/4x16	51	25	7/8
30682-8-8B	12	1/2	-8	12,7	3/4x16	51	25	7/8
30682-10-8B	12	1/2	-8	12,7	7/8x14	52	25	1
30682-10-8-SM	12	1/2	-8	12,7	7/8x14	65	28	27
30682-10-10	6	5/8	-10	15,9	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
36882-10-10C-SM	16	5/8	-10	15,9	7/8x14	65	28	27
30682-12-12	20	3/4	-12	19,1	1-1/16x12	67	30	1-1/4
30682-12-12-SM	20	3/4	-12	19,1	1-1/16x12	67	30	32
30682-12-12B	20	3/4	-12	19,1	1-1/16x12	67	30	1-1/4
30682-12-12B-SM	20	3/4	-12	19,1	1-1/16x12	67	30	32
30682-12-12C	20	3/4	-12	19,1	1-1/16x12	67	30	1-1/4
30682-12-12C-SM	20	3/4	-12	19,1	1-1/16x12	67	30	32
30682-16-16-SM	25	1	-16	25,4	1-5/16x12	70	33	41
30682-16-16C-SM	25	1	-16	25,4	1-5/16x12	70	33	41

Material: Steel  
chromium(VI)-  
free plated  
C:  
Material:  
Stainless Steel  
SM:  
Metric Hexagon

Information about standard products or non-standard products can be found in the current price list.  
Dimensions shown may be changed at any time without prior notice.



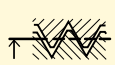

**37/3V – Female JIC 37° /SAE 45° – Dual Flare – Swivel Female 45° Elbow**

ISO 12151-5-SWE45 – DKJ 45°



Approved fitting series for hose types:



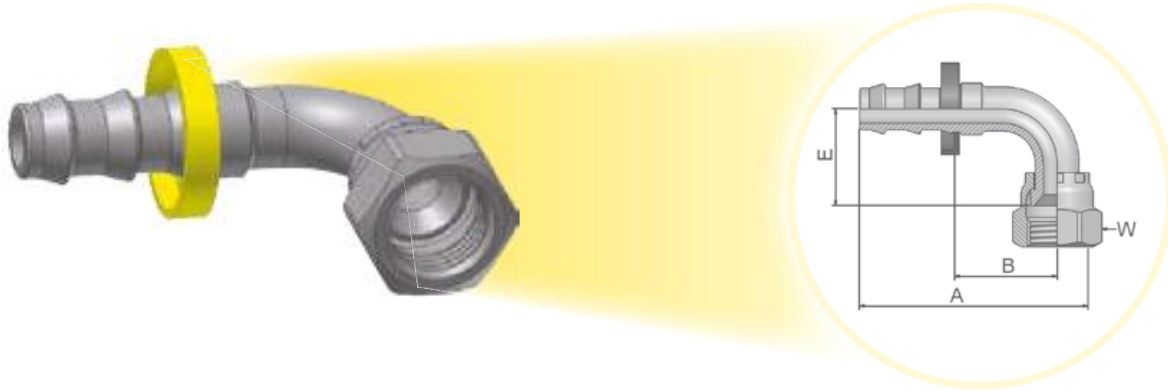
XXXX-XX-XX Part Number 	 Hose I.D.				 Thread UNF	A	B	E	 W
	DN	Inch	Size	mm					
33782-4-4	6	1/4	-4	6,3	7/16x20	39	20	8	9/16
33V82-4-4B-SM	6	1/4	-4	6,3	7/16x20	44	25	10	17
33782-6-6	10	3/8	-6	9,5	9/16x18	53	30	10	11/16
33782-6-6-SM	10	3/8	-6	9,5	9/16x18	51	28	11	19
33782-8-8	12	1/2	-8	12,7	3/4x16	54	35	14	7/8

Material: Steel chromium(VI)-free plated  
 B: Brass  
 SM: Metric Hexagon

Information about standard products or non-standard products can be found in the current price list.  
 Dimensions shown may be changed at any time without prior notice.


**39/3W – Female JIC 37° / SAE 45° – Dual Flare – Swivel Female 90° Elbow**

ISO 12151-5-SWES – DKJ 90°



Approved fitting series for hose types:



XXXX-XX-XX Part Number 	Hose I.D.				Thread UNF	A	B	E	W
	DN	Inch	Size	mm					
33982-4-4	6	1/4	-4	6,3	7/16x20	39	20	17	5/8
33W82-4-4C-SM	6	1/4	-4	6,3	7/16x20	39	20	21	17
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
33982-6-6C-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	20	3/4	-12	19,1	1-1/16x12	84	46	46	1-1/4
33982-12-12-SM	20	3/4	-12	19,1	1-1/16x12	83	46	48	32

Material: Steel chromium(VI)-free plated  
C: Material: Stainless Steel  
SM: Metric Hexagon



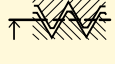
Information about standard products or non-standard products can be found in the current price list.  
Dimensions shown may be changed at any time without prior notice.

**08 – Female SAE 45° Swivel**



Approved fitting series for hose types:



XXXX-XX-XX Part Number 	 Hose I.D.				 Thread UNF	A mm	B mm	W Inch
	DN	Inch	Size	mm				
30882-4-4	6	1/4	-4	6,3	7/16x20	39	19	9/16
30882-4-4B	6	1/4	-4	6,3	7/16x20	39	19	9/16
30882-5-4B	6	1/4	-4	6,3	1/2x20	40	21	5/8
30882-6-6	10	3/8	-6	9,5	5/8x18	46	23	3/4
30882-6-6B	10	3/8	-6	9,5	5/8x18	46	23	3/4
30882-8-8	12	1/2	-8	12,7	3/4x16	51	25	7/8
30882-8-8B	12	1/2	-8	12,7	3/4x16	51	25	7/8
30882-10-10	16	5/8	-10	15,9	7/8x14	65	28	1
30882-10-10B	16	5/8	-10	15,9	7/8x14	65	28	1
30882-12-12	20	3/4	-12	19,1	1-1/16x14	67	30	1-1/4
30882-12-12B	20	3/4	-12	19,1	1-1/16x14	67	30	1-1/4

Material: Steel chromium(VI)-free plated  
B: Brass

Information about standard products or non-standard products can be found in the current price list.  
Dimensions shown may be changed at any time without prior notice.

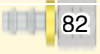

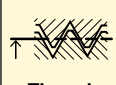

**JC – Female ORFS – Swivel – Straight – Short**

ISO 12151-1 – SWSA – SAE J516 – ORFS



Approved fitting series for hose types:



XXXX-XX-XX Part Number 	 Hose I.D.				 Thread UNF	A	B	H	 W
	DN	Inch	Size	mm		mm	mm	Inch	Inch
3JC82-4-4	6	1/4	-4	6,3	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	41	18	19	22
3JC82-8-6-SM	10	3/8	-6	9,5	13/16x16	43	20	22	24
3JC82-8-8	12	1/2	-8	12,7	13/16x16	47	20	22	15/16
3JC82-8-8-SM	12	1/2	-8	12,7	13/16x16	47	20	22	24
3JC82-8-10	16	5/8	-10	15,9	13/16x16	57	21	3/4	15/16
3JC82-8-10-SM	16	5/8	-10	15,9	13/16x16	57	21	22	24
3JC82-10-10	16	5/8	-10	15,9	1x14	61	24	15/16	1-1/8
3JC82-10-12	20	3/4	-12	19,1	1x14	61	24	1	1-1/8
3JC82-12-12	20	3/4	-12	19,1	1-3/16x12	67	30	1-1/8	1-3/8

Material: Steel chromium(VI)-free plated  
SM: Metric Hexagon



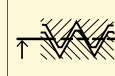

Information about standard products or non-standard products can be found in the current price list.  
Dimensions shown may be changed at any time without prior notice.

**FF – Metru-Lok Swivel Female**



Approved fitting series for hose types:



XXXX-XX-XX Part Number 	 Hose I.D.				 Thread metric	Tube O.D. mm	A mm	B mm	 W mm
	DN	Inch	Size	mm					
3FF82-6-4B	6	1/4	-4	6,3	M10x1	6	36	16	14
3FF82-8-4B	6	1/4	-4	6,3	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	24
3FF82-18-10B	16	5/8	-10	15,9	M24x1,5	18	51	15	27
3FF82-22-12B	20	3/4	-12	19,1	M28x1,5	22	51	15	32

Material: Brass (B)



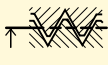

Information about standard products or non-standard products can be found in the current price list. Dimensions shown may be changed at any time without prior notice.

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



Approved fitting series for hose types:



XXXX-XX-XX Part Number 	 Hose I.D.				 Thread BSP	A mm	B mm	 W mm
	DN	Inch	Size	mm				
3AF82-2-4B	6	1/4	-4	6,3	1/8x28	34	15	17
3AF82-4-4B	6	1/4	-4	6,3	1/4x19	39	20	19
3AF82-4-4C	6	1/4	-4	6,3	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	26	27

Material: Brass (B)  
 C: Material: Stainless Steel  
 Fittings with standard O-ring seals can be used for temperatures from -30°C up to +105°C.

Information about standard products or non-standard products can be found in the current price list.  
 Dimensions shown may be changed at any time without prior notice.



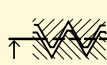

**NM – Male BSP Parallel Pipe – L Series – Rigid – Straight – ED-Seal**

ISO 1179



Approved fitting series for hose types:



XXXX-XX-XX Part Number 	 Hose I.D.				 Thread BSP	A mm	B mm	 W mm
	DN	Inch	Size	mm				
3NM82-6-8B	12	1/2	-8	12,7	3/8x19	52	26	22
3NM82-8-8B	12	1/2	-8	12,7	1/2x14	55	28	27
3NM82-12-12B	20	3/4	-12	19,1	3/4x14	65	28	32

Material: Brass (B)  
Fittings are delivered with ED-Seal. Working temperature from -30 °C up to +105 °C.

Information about standard products or non-standard products can be found in the current price list.  
Dimensions shown may be changed at any time without prior notice.





**YW – Male Standpipe – Rigid – Straight – A-Lok**

Metric Size Tube O.D. with Vee Notch



Approved fitting series for hose types:



XXXX-XX-XX Part Number 	 Hose I.D.				A	B
	DN	Inch	Size	mm		
3YW82-6-4C-ROUND	6	1/4	-4	6,3	39	20
3YW82-8-4C-ROUND	6	1/4	-4	6,3	40	21
3YW82-10-6C-ROUND	10	3/8	-6	9,5	44	22
3YW82-12-8C-ROUND	12	1/2	-8	12,7	54	27
3YW82-18-10C-ROUND	16	5/8	-10	15,9	65	29

Material: Stainless Steel  
ROUND: Made from round bar stock material.

Information about standard products or non-standard products can be found in the current price list.  
Dimensions shown may be changed at any time without prior notice.



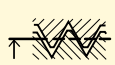

**VW121 – BSP Swivel Female**

(VW-Norm 39-V-16631)



Approved fitting series for hose types:



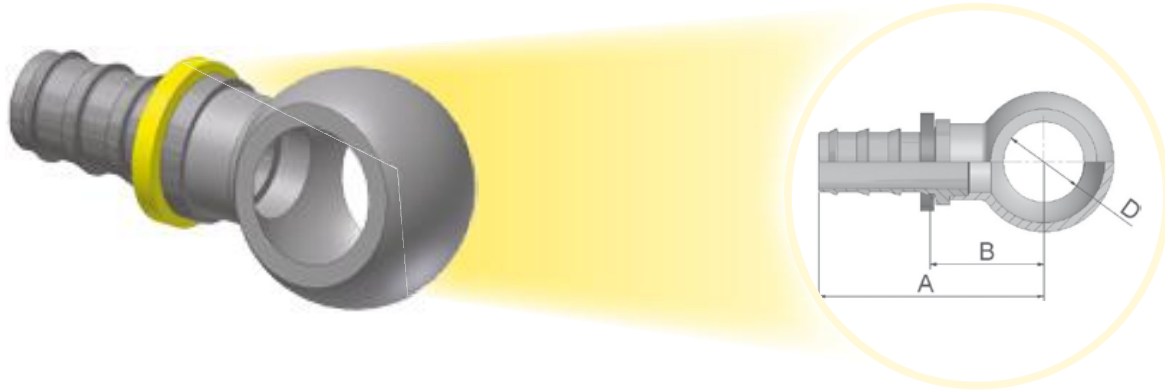
XXXX-XX-XX Part Number 	 Hose I.D.				 Thread BSP	A	B	D	 W
	DN	Inch	Size	mm					
VW121-8937*	6	1/4	-4	6,3	1/4x19	32	13	5	17
VW121-8938**	10	3/8	-6	9,5	3/8x19	38	15	7,5	19
VW121-8939**	14	1/2	-8	12,7	1/2x14	46	19	11	27
VW121-8940**	16	5/8	-10	15,9	3/4x14	58	21	14	32
VW121-8941**	20	3/4	-12	19,1	1x11	53	16	17	41

\* stainless steel nipple, steel nut chromium(VI)-free plated  
 \*\* brass material

Information about standard products or non-standard products can be found in the current price list.  
 Dimensions shown may be changed at any time without prior notice.



**49 – Metric Banjo – Straight**

DIN 7642



Approved fitting series for hose types:



XXXX-XX-XX Part Number 	 Hose I.D.				D	A	B
	DN	Inch	Size	mm			
34982-8-4	6	1/4	-4	6,3	8	36	17
34982-10-4	6	1/4	-4	6,3	10	38	19
34982-12-4	6	1/4	-4	6,3	12	40	21
34982-14-4	6	1/4	-4	6,3	14	42	23
34982-14-4C	6	1/4	-4	6,3	14	42	23
34982-10-6	10	3/8	-6	9,5	10	42	19
34982-12-6	10	3/8	-6	9,5	12	44	21
34982-14-6	10	3/8	-6	9,5	14	47	24
34982-14-6C	10	3/8	-6	9,5	14	47	24
34982-16-6	10	3/8	-6	9,5	16	49	26
34982-17-6	10	3/8	-6	9,5	17	49	26
34982-17-6C	10	3/8	-6	9,5	17	49	26
34982-14-8	12	1/2	-8	12,7	14	51	25
34982-18-8	12	1/2	-8	12,7	18	55	28
34982-22-8	12	1/2	-8	12,7	22	58	31
34982-22-10	16	5/8	-10	15,9	22	68	32
34982-26-12	20	3/4	-12	19,1	26	73	37

Material: Steel chromium(VI)-free plated  
C: Material: Stainless Steel



Information about standard products or non-standard products can be found in the current price list.  
Dimensions shown may be changed at any time without prior notice.

**82 – Push-Lok® Union**



Approved fitting series for hose types:

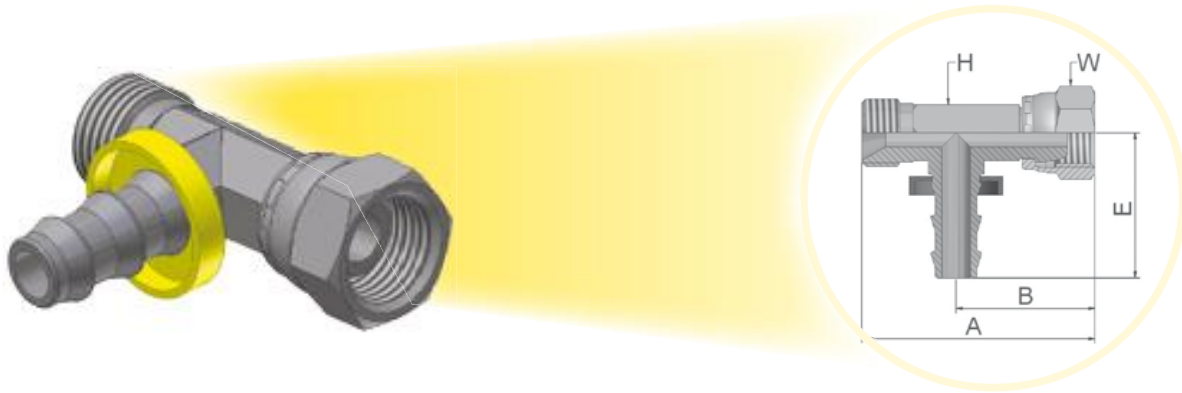


XXXX-XX-XX Part Number 	 Hose I.D.				A
	DN	Inch	Size	mm	mm
38282-4-4	6	1/4	-4	6,3	45
38282-4-4B	6	1/4	-4	6,3	45
38282-6-6	10	3/8	-6	9,5	54
38282-6-6B	10	3/8	-6	9,5	54
38282-8-8	12	1/2	-8	12,7	64
38282-8-8B	12	1/2	-8	12,7	64
38282-10-10	16	5/8	-10	15,9	84
38282-10-10B	16	5/8	-10	15,9	84
38282-12-12	20	3/4	-12	19,1	84
38282-12-12B	20	3/4	-12	19,1	84

Material: Steel chromium(VI)-free plated  
B: Brass



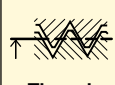


Information about standard products or non-standard products can be found in the current price list.  
Dimensions shown may be changed at any time without prior notice.

**DP – Metric Swivel Female Tee / Male Stud**



Approved fitting series for hose types:



XXXX-XX-XX Part Number 	 Hose I.D.				 Thread metric	A	B	E	 H	 W
	DN	Inch	Size	mm						
DP-6-6-4BK	6	1/4	-4	6,3	M12x1	43	24	30	11	14
DP-8-8-4BK	6	1/4	-4	6,3	M14x1,5	43	24	30	11	14
DP-10-10-6BK	10	3/8	-6	9,5	M16x1,5	48	26	34	13	19
DP-15-15-8BK	12	1/2	-8	12,7	M22x1,5	58	32	42	17	27

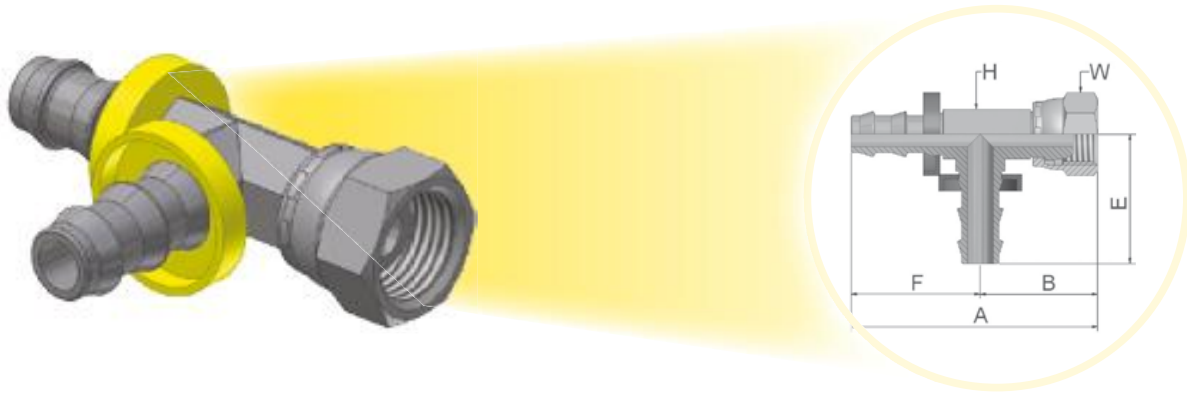
B & BK parts have brass nipples and steel nuts.

K: Without plastic ring

Standard nipples are stocked without plastic collar. If you need a collar, delete K from the part number.






Information about standard products or non-standard products can be found in the current price list. Dimensions shown may be changed at any time without prior notice.

**DR – Metric Swivel Female Tee**



Approved fitting series for hose types:



XXXX-XX-XX Part Number 	 Hose I.D.				 Thread metric	A	B	E	F	 H	 W
	DN	Inch	Size	mm							
DR-6-4-4BK	6	1/4	-4	6,3	M12x1	54	24	30	30	11	14
DR-10-6-6BK	10	3/8	-6	9,5	M16x1,5	59	25	34	34	13	19
DR-15-8-8BK	12	1/2	-8	12,7	M22x1,5	74	32	42	42	17	27

Material: Steel chromium(VI)-free plated  
 B: Brass  
 C: Stainless Steel  
 K: Without plastic ring

Information about standard products or non-standard products can be found in the current price list.  
 Dimensions shown may be changed at any time without prior notice.



**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.



**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. Overall length: 320 mm, Weight: ca. 2,2 kg

Part No. 611050G



**Push-Lok Assembly Oil H896137**  
1-litre bottle Part No. H896137

