

## HIGH PRESSURE 6mm NYLON TUBE

- Conforms to European standard DIN 73378
- Working Pressure: 1291psi (3:1 Safety Factor @ 20°C)
- Operating Temperature: -60°C to +80°C



PART No	DESCRIPTION	ROLL LENGTH
16-PT06F-100	HP Tube 6 x 1.5mm Grease Filled	100m Roll
16-PT06-100	HP Tube 6 x 1.5mm Empty	100m Roll
16-PT06F-25	HP Tube 6 x 1.5mm Grease Filled	25m Roll
16-PT06-25	HP Tube 6 x 1.5mm Empty	25m Roll

We recommend purchasing grease filled tube over empty tube. It is more convenient to use, saves time and eliminates the risk of rupturing empty tube when filling. It is recommended that when filling empty grease tube that a progressive divider block is used and several lines are filled simultaneously. This will reduce the risk of over pressurising the line, resulting in a rupture. When filling 100m rolls of tube it is recommended that flow grease is used.

## S-SERIES COMPRESSION FITTINGS TO SUIT TUBE (Light Duty)

- Made to European Standard DIN 2353
- Material: Steel (galvanised)
- Working Pressure: 1450psi (100 Bar) (4:1 Safety Factor)

### STRAIGHT CONNECTORS

DESCRIPTION	STEEL PART No	STAINLESS STEEL PART No
6mm Tube x M6x1 Male Straight	16-MC06M06	16-MC06M06SS
6mm Tube x M8x1 Male Straight	16-MC06M08	16-MC06M08SS
6mm Tube x M10x1 Male Straight	16-MC06M10	16-MC06M10SS
6mm Tube x 1/8bsp Male Straight	16-MC0602	16-MC0602SS
6mm Tube x 1/4UNF Male Straight	16-MC06U04	
6mm Tube x 1/8npt Male Straight	16-MC0602N	



### ELBOW CONNECTORS

DESCRIPTION	STEEL PART No	STAINLESS STEEL PART No
6mm Tube x M6x1 Male Elbow	16-ME06M06	16-ME06M06SS
6mm Tube x M8x1 Male Elbow	16-ME06M08	16-ME06M08SS
6mm Tube x M10x1 Male Elbow	16-ME06M10	16-ME06M10SS
6mm Tube x 1/8bsp Male Elbow	16-ME0602	16-ME0602SS
6mm Tube x 1/4UNF Male Elbow	16-ME06U04	



### TUBE UNIONS

DESCRIPTION	STEEL PART No	STAINLESS STEEL PART No
6mm Tube Joiner	16-J06	16-J06SS
6mm Tube Tee	16-T06	-
6mm Tube Elbow	16-E06	-



### BULKHEAD CONNECTORS L-Series

PART No	DESCRIPTION
16-BC06M6	6mm Tube to M6 Female
16-BTJ06	6mm Tube Bulkhead
16-BE06	6mm Tube Bulkhead Elbow



### TUBE NUT and OLIVES

DESCRIPTION	STEEL PART No	STAINLESS STEEL PART No
Tube Nut	16-TN	16-TNSS
Tube Olive	16-TO	16-TOSS



### L-SERIES COMPRESSION FITTINGS (Medium Duty)

- Made to European Standard DIN 2353
- Material: Steel (galvanized)
- Working Pressure: 3625psi (250 Bar)

#### TUBE UNIONS

DESCRIPTION	STEEL PART No
6mm Tube Joiner	16-J06-L
8mm Tube Joiner	16-J08-L
10mm Tube Joiner	16-J10-L



#### TUBE NUT and OLIVES

DESCRIPTION	STEEL PART No
6mm Tube Nut	16-TN-L
6mm Tube Olive	16-TO-L

### SWIVEL FITTINGS

- Swivel fittings can swivel freely once installed
- The M10 female thread can also accept a compression nut and olive so 6mm tube can be connected directly to the swivel. Therefore negating the need of a male compression fitting.

PART No	DESCRIPTION
16-BSM1002	1/8bsp Male x M10 Female Banjo
16-BSM10M10	M10 Male / Female Banjo
16-CN06	M10 Tube Compression Nut (suits 6mm tube)
16-CN02	1/8bsp Tube Compression Nut (suits 6mm tube)
16-DCO06	6mm Tube Double Cone Olive



Compression Nut



Double Cone Olive

### BANJO FITTINGS

- Banjo fittings can be positioned and then fixed when tightened.

PART No	DESCRIPTION
16-B0602	6mm Tube x 1/8bsp Male
16-B06M10	6mm Tube x M10 Male
16-BT0202	1/8 Male / Female Tee Banjo
16-BTM10M10	M10 Male / Female Tee Banjo



### PUSH IN FITTINGS TO SUIT 6mm NYLON TUBE

- Material: Nickel Plated Brass
- Working Pressure: 1160psi (80 Bar)

Push In fittings should only be used on medium to light applications. For heavy duty applications, the compression fittings are recommended.

#### STRAIGHT CONNECTORS



PART No	DESCRIPTION
16-PMC06M06	6mm Tube x M6x1 Male Straight
16-PMC06M08	6mm Tube x M8x1 Male Straight
16-PMC06M10	6mm Tube x M10x1 Male Straight
16-PMC0602	6mm Tube x 1/8bsp Male Straight
16-PMC06U04	6mm Tube x 1/4UNF Male Straight

#### ELBOW CONNECTORS



Non Swivel



Swivel

PART No	DESCRIPTION
16-PME06M06	6mm Tube x M6x1 Male Elbow Fixed
16-PME06M08	6mm Tube x M8x1 Male Elbow Fixed
16-PME06M10	6mm Tube x M10x1 Male Elbow Fixed
16-PME0602	6mm Tube x 1/8bsp Male Elbow Fixed
16-PME0602NPT	6mm Tube x 1/8NPT Male Elbow Fixed
16-PME06M06S	6mm Tube x M6x1 Male Elbow Swivel
16-PME06M08S	6mm Tube x M8x1 Male Elbow Swivel
16-PME06M10S	6mm Tube x M10x1 Male Elbow Swivel
16-PME0602S	6mm Tube x 1/8bsp Male Elbow Swivel

#### TUBE UNIONS



PART No	DESCRIPTION
16-PJ06	6mm Tube Joiner

### HIGH PRESSURE HOSE 8.6mm O.D.

- Nylon inner tube, polyester reinforcing, polyurethane outer cover
- Working Pressure: 4060psi (3:1 Safety Factor @ 20°C)
- Operating Temperature: -40°C to +80°C



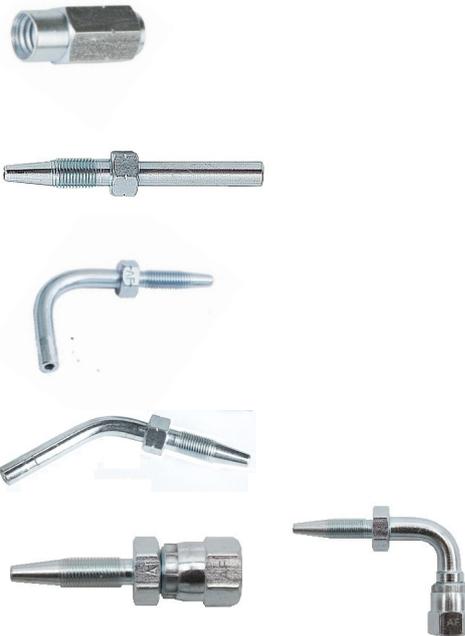
PART No	DESCRIPTION	ROLL LENGTH
16-H08F-50	8.6mm Hose Grease Filled	50m Roll
16-H08-50	8.6mm Hose Empty	50m Roll
16-H08F-10	8.6mm Hose Grease Filled	10m Roll
16-H08-10	8.6mm Hose Empty	10m Roll

The sleeve and stand pipe are used in conjunction with the 8.6mm high pressure hose. The compression fittings or push in fittings listed on the previous pages can then be attached to the stand pipe to provide a connection point.



### STAND PIPE FITTINGS TO SUIT COMPRESSION FITTINGS

PART No	DESCRIPTION
16-SLEEVE	Hose Sleeve to Suit 8.6mm Hose
<b>16-SLEEVE-SS</b>	<b>Hose Sleeve to suit 8.6mm Hose S/Steel</b>
16-HSS-20	Hose Stud Straight 20mm
16-HSS-24	Hose Stud Straight 24mm
16-HSS-30	Hose Stud Straight 30mm
<b>16-HSS-30SS</b>	<b>Hose Stud Straight 30mm S/Steel</b>
16-HSE-21	Hose Stud Elbow 90deg 21mm
16-HSE-33	Hose Stud Elbow 90deg 33mm
16-HSE-37	Hose Stud Elbow 90deg 37mm
<b>16-HSE-37SS</b>	<b>Hose Stud Elbow 90deg 37mm S/Steel</b>
16-HSE-53	Hose Stud Elbow 90deg 53mm
16-HSE45	Hose Stud 45deg 25mm
<b>16-HSE45SS</b>	<b>Hose Stud 45deg 25mm S/Steel</b>
16-HSS-J07	7/16 JIC to Hose Stud Straight inc Sleeve
16-HSE-J07	7/16 JIC to Hose Stud 90deg inc Sleeve



### STAND PIPE FITTINGS TO SUIT PUSH-IN FITTINGS

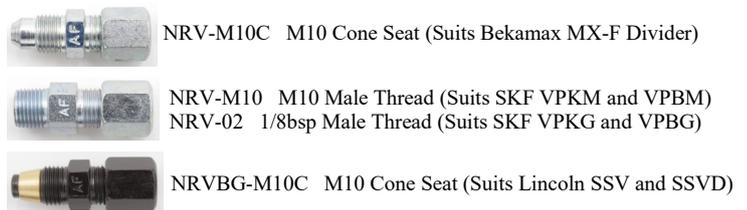
PART No	DESCRIPTION
16-PHSS-20	Hose Stud Straight 20mm for Push-In Fittings
16-PHSS-30	Hose Stud Straight 30mm for Push-In Fittings
16-PHSE-37	Hose Stud Elbow 90deg 37mm for Push-In Fittings
16-PHSE-53	Hose Stud Elbow 90deg 53mm for Push-In Fittings
16-PHS45-15	Hose Stud 45deg 15mm for Push-In Fittings
16-PHS45-25	Hose Stud 45deg 25mm for Push-In Fittings



### NON RETURN VALVES

- These non return valves are to be used on the distribution blocks of fully automotive greasing systems
- Non return valves have a 6mm compression nut and olive to accommodate the 6mm Tube

PART No	DESCRIPTION
16-NRV-M10C	Non Return Valve M10 Cone Seat
16-NRV-M10	Non Return Valve M10 Thread
16-NRV-02	Non Return Valve 1/8bsp
16-NRVBG-M10C	Non Return Valve Black Galvanized



## ADAPTORS

### M/F EXTENSIONS



PART No	DESCRIPTION
16-AS0202-23	Adaptor 1/8bsp Male x 1/8 Female 23mm Long
16-AS0202-35	Adaptor 1/8bsp Male x 1/8 Female 35mm Long
16-AS0202-50	Adaptor 1/8bsp Male x 1/8 Female 50mm Long
16-AS0204-22	Adaptor 1/8bsp Male x 1/4 Female 22mm Long
16-AS02M08-18	Adaptor 1/8bsp Male x M8 Female 18mm Long
16-AS02M10-18	Adaptor 1/8bsp Male x M10 Female 18mm Long
16-AS0404-25	Adaptor 1/4bsp Male x 1/4 Female 25mm Long
16-AS04M10-20	Adaptor 1/4bsp Male x M10 Female 20mm Long
16-ASU0402-23	Adaptor 1/4 UNF Male x 1/8bsp Female 23mm Long
16-ASM0602-23	Adaptor M6 Male x 1/8bsp Female 23mm Long
16-ASM06M06-20	Adaptor M6 Male x M6 Female 20mm Long
16-ASM06M06-575	Adaptor M6 Male x M6 Female 57.5mm Long
16-ASM06M08-19	Adaptor M6 Male x M8 Female 19mm Long
16-ASM06M10-23	Adaptor M6 Male x M10 Female 23mm Long
16-ASM0802-23	Adaptor M8 Male x 1/8bsp Female 23mm Long
16-ASM08M08-32	Adaptor M8 Male x M8 Female 32mm Long
16-ASM08M08-625	Adaptor M8 Male x M8 Female 625mm Long
16-ASM08M10-23	Adaptor M8 Male x M10 Female 23mm Long
16-ASM1002-18	Adaptor M10 Male x 1/8bsp Female 18mm Long
16-ASM10M08-18	Adaptor M10 Male x M8 Female 18mm Long
16-ASM10M10-23	Adaptor M10 Male x M10 Female 23mm Long
16-ASM10M10-35	Adaptor M10 Male x M10 Female 35mm Long
16-ASM10M10-50	Adaptor M10 Male x M10 Female 50mm Long
<b>16-AS0202-18SS</b>	<b>Adaptor 1/8bsp Male x 1/8 Female 18mm Long S/Steel</b>
<b>16-AS0202-23SS</b>	<b>Adaptor 1/8bsp Male x 1/8 Female 23mm Long S/Steel</b>
<b>16-AS0202-35SS</b>	<b>Adaptor 1/8bsp Male x 1/8 Female 35mm Long S/Steel</b>
<b>16-AS0202-50SS</b>	<b>Adaptor 1/8bsp Male x 1/8 Female 50mm Long S/Steel</b>
<b>16-ASM10M10-23SS</b>	<b>Adaptor M10 Male x M10 Female 23mm Long S/Steel</b>

### 45 DEGREE ELBOWS



PART No	DESCRIPTION
16-A450202	Adaptor 1/8bsp Male x 1/8 Female 45 Degree
16-A45M0602	Adaptor M6 Male x 1/8bsp Female 45 Degree
16-A45M06M08	Adaptor M6 Male x M8 Female 45 Degree
16-A45M08M08	Adaptor M8 Male x M8 Female 45 Degree
16-A45M10M08	Adaptor M10 Male x M8 Female 45 Degree
16-A45M10M10	Adaptor M10 Male x M10 Female 45 Degree
<b>16-A450202SS</b>	<b>Adaptor 1/8bsp Male x 1/8bsp Female 45deg S/Steel</b>
<b>16-A45M10M10SS</b>	<b>Adaptor M10 Male x M10 Female 45deg S/Steel</b>

### 90 DEGREE ELBOWS



PART No	DESCRIPTION
16-A900202	Adaptor 1/8bsp Male x 1/8 Female
16-A9002M08	Adaptor 1/8BSP Male x M8 Female 90 Degree
16-A90U0402	Adaptor 1/4UNF Male x 1/8bsp Female 90 Degree
16-A90M06M06	Adaptor M6 Male x M6 Female 90 Degree
16-A90M06M08	Adaptor M6 Male x M8 Female 90 Degree
16-A90M06M10	Adaptor M6 Male x M10 Female 90 Degree
16-A90M08M08	Adaptor M8 Male x M8 Female 90 Degree
16-A90M08M10	Adaptor M8 Male x M10 Female 90 Degree
16-A90M10M10	Adaptor M10 Male x M10 Female 90 Degree
<b>16-A900202SS</b>	<b>Adaptor 1/8bsp Male x 1/8bsp Female 90deg S/Steel</b>
<b>16-A90M10M10SS</b>	<b>Adaptor M10 Male x M10 Female 90deg S/Steel</b>

The M10 female thread and the 1/8bsp female thread on the **Straight Adaptors** can also accept a compression nut and olive so 6mm tube can be connected directly to the adaptor. Therefore negating the need of a male compression fitting.

PART No	DESCRIPTION
16-CN06	M10 Tube Compression Nut (suits 6mm tube)
16-CN02	1/8bsp Tube Compression Nut (suits 6mm tube)
16-DCO06	6mm Tube Double Cone Olive



Compression Nut



Double Cone Olive

## GREASE INFORMATION

**Grease used in 25m Tube coils and 50m Hose coils**

- Grease 400-001 is a natural coloured lithium based EP multipurpose grease
- Temperature Rating: -30°C to +120°C
- Viscosity at 40°C: 190mm<sup>2</sup>/s

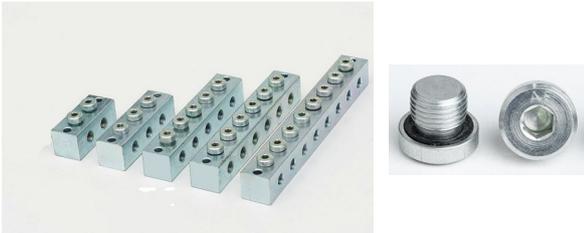
**Grease used in 100m Tube coils**

- Grease 400-000 is a green coloured grease specifically designed for central lubrication
- Temperature Rating: -50°C to +120°C
- Viscosity at 40°C: 45mm<sup>2</sup>/s

## STEEL MANIFOLDS

### T-DRILLED MANIFOLDS

- T Drilled to provide different inlet and outlet configurations
- 1/8bsp Ports
- One blanking plug supplied per outlet
- Plugs are also available separately



PART No	DESCRIPTION
16-MB02	2 Port Header Block 1/8bsp
16-MB03	3 Port Header Block 1/8bsp
16-MB04	4 Port Header Block 1/8bsp
16-MB05	5 Port Header Block 1/8bsp
16-MB06	6 Port Header Block 1/8bsp
16-MP02	1/8bsp Plug to suit manifolds
16-DBP	M10 Plug to suit Distribution Blocks

### STRAIGHT THROUGH MANIFOLDS

- Drilled straight through
- 1/8bsp Ports



PART No	DESCRIPTION
16-MBS01	1 Port Steel Header Block 1/8bsp
16-MBS02	2 Port Steel Header Block 1/8bsp
16-MBS03	3 Port Steel Header Block 1/8bsp
16-MBS04	4 Port Steel Header Block 1/8bsp
16-MBS05	5 Port Steel Header Block 1/8bsp
16-MBS06	6 Port Steel Header Block 1/8bsp

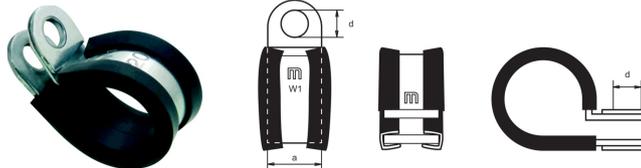
STAINLESS STEEL	
PART No	DESCRIPTION
16-MBS01SS	1 Port Header Block 1/8bsp S/Steel
16-MBS02SS	2 Port Header Block 1/8bspS/Steel
16-MBS03SS	3 Port Header Block 1/8bsp S/Steel
16-MBS04SS	4 Port Header Block 1/8bsp S/Steel
16-MBS05SS	5 Port Header Block 1/8bsp S/Steel
16-MBS06SS	6 Port Header Block 1/8bsp S/Steel

## RUBBER LINED P CLIPS

MATERIALS:

**Band:** Mild steel. Reinforced at both ends.

**Finish:** Galvanised and lined with EPDM rubber



## CATEGORY 11

PART No	SIZE (mm)	BAND WIDTH (a)	HOLE DIA (d)
11P05	5mm	12mm	5.3mm
11P06-15	6mm	15mm	6.4mm
11P08-15	8mm	15mm	6.4mm
11P10-15	10mm	15mm	6.4mm
11P12-15	12mm	15mm	6.4mm
11P13-15	13mm	15mm	6.4mm
11P14-15	14mm	15mm	6.4mm
11P15-15	15mm	15mm	6.4mm
11P16-15	16mm	15mm	6.4mm
11P19-20	19mm	20mm	8.4mm
11P22-20	22mm	20mm	8.4mm
11P24-20	24mm	20mm	8.4mm
11P25-20	25mm	20mm	8.4mm
11P28-20	28mm	20mm	8.4mm
11P30-20	30mm	20mm	8.4mm
11P32-20	32mm	20mm	8.4mm
11P38-20	38mm	20mm	8.4mm
11P44-20	44mm	20mm	8.4mm
11P50-25	50mm	25mm	10.5mm
11P60-25	60mm	25mm	10.5mm
11P76-25	76mm	25mm	10.5mm

For a full list of sizes available, refer to page 83