

CENTRAL LUBRICATION SYSTEMS

HIGH PRESSURE NYLON TUBE

- Conforms to European standard DIN 73378
- 4mm Working pressure: 1044psi (3:1 Safety Factor @ 23°C)
- 6mm Working pressure: 1291psi (3:1 Safety Factor @ 23°C)
- Operating temperature: -60°C to +80°C

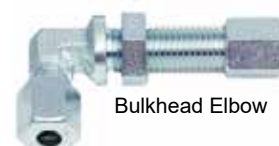
PART No	OD	DESCRIPTION	ROLL LENGTH
16-PT04-50	4mm	4 x 0.85mm Polyamide Tube	50mt Roll
16-PT06F-100	6mm	HP Tube 6 x 1.5mm Grease Filled	100mt Roll
16-PT06-100	6mm	HP Tube 6 x 1.5mm Empty	100m Roll
16-PT06F-25	6mm	HP Tube 6 x 1.5mm Grease Filled	25mt Roll
16-PT06-25	6mm	HP Tube 6 x 1.5mm Empty	25mt Roll



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.

LL SERIES COMPRESSION FITTINGS TO SUIT TUBE (Light Duty)

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



STRAIGHT CONNECTORS

DESCRIPTION	STEEL PART No	STAINLESS STEEL PART No
4mm x M6x1 Male Connector	16-MC04M06	-
4mm x M8x1 Male Connector	16-MC04M08	-
4mm x M10x1 Male Connector	16-MC04M10	-
4mm x 1/8bsp Male Connector	16-MC0402	-
6mm Tube x M6x1 Male Connector	16-MC06M06	16-MC06M06SS
6mm Tube x M8x1 Male Connector	16-MC06M08	16-MC06M08SS
6mm Tube x M10x1 Male Connector	16-MC06M10	16-MC06M10SS
6mm Tube x 1/8bsp Male Connector	16-MC0602	16-MC0602SS
6mm Tube x 1/4UNF Male Connector	16-MC06U04	-
6mm Tube x 1/8npt Male Connector	16-MC0602N	-

ELBOW CONNECTORS

DESCRIPTION	STEEL PART No	STAINLESS STEEL PART No
4mm x M6x1 90deg Male Elbow	16-ME04M06	-
4mm x M8x1 90deg Male Elbow	16-ME04M08	-
4mm x M10x1 90deg Male Elbow	16-ME04M10	-
4mm x 1/8BSP 90deg Male Elbow	16-ME0402	-
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	-

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 UNIONS

DESCRIPTION	STEEL PART No	STAINLESS STEEL PART No
4mm Tube Joiner	16-J04	-
4mm Tube Tee	16-T04	-
6mm Tube Joiner	16-J06	16-J06SS
6mm Tube Tee	16-T06	-
6mm Tube Elbow	16-E06	-

TUBE NUT and OLIVES

DESCRIPTION	STEEL PART No	STAINLESS STEEL PART No
4mm Tube Nut	16-TN04	-
4mm Tube Olive	16-TO04	-
6mm Tube Nut	16-TN	16-TNSS
6mm Tube Olive	16-TO	16-TOSS



CENTRAL LUBRICATION SYSTEMS

L-SERIES COMPRESSION FITTINGS

(Medium Duty)

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

TUBE UNIONS

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



TUBE NUT and OLIVES

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

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



Compression Nut



Double Cone Olive

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

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	1/8BSP Male/Female Tee Banjo
16-BTM10M10	M10 Male/Female Tee Banjo

PUSH IN FITTINGS TO SUIT 4mm or 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-PMC04M06	4mm Tube x M6x1 Male Connector
16-PMC0402	4mm Tube x 1/8 BSP Male Connector
16-PMC06M06	6mm Tube x M6x1 Male Connector
16-PMC06M08	6mm Tube x M8x1 Male Connector
16-PMC06M10	6mm Tube x M10x1 Male Connector
16-PMC0602	6mm Tube x 1/8BSP Male Connector
16-PMC06U04	6mm Tube x 1/4UNF Male Connector



ELBOW CONNECTORS

PART No	DESCRIPTION
16-PME04M06S	4mm x M6x1 Male Elbow Swivel
16-PME0402S	4mm x 1/8BSP Male Elbow Swivel
16-PME06M06	6mm x M6x1 Male Elbow Fixed
16-PME06M08	6mm x M8x1 Male Elbow Fixed
16-PME06M10	6mm x M10x1 Male Elbow Fixed
16-PME0602	6mm x 1/8BSP Male Elbow Fixed
16-PME06M06S	6mm x M6x1 Male Elbow Swivel
16-PME06M08S	6mm x M8x1 Male Elbow Swivel
16-PME06M10S	6mm x M10x1 Male Elbow Swivel
16-PME0602S	6mm x 1/8BSP Male Elbow Swivel



TUBE UNIONS

PART No	DESCRIPTION
16-PJ04	4mm Tube Joiner
16-PJ06	6mm Tube Joiner



TUBE UNION ELBOWS

PART No	DESCRIPTION
16-PUE04	4mm Tube Elbow
16-PUE06	6mm Tube Elbow



TUBE UNION TEES

PART No	DESCRIPTION
16-PUT04	4mm Tube Tee
16-PUT06	6mm Tube Tee



CENTRAL LUBRICATION SYSTEMS

HIGH PRESSURE HOSE

8.6mm OD

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



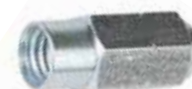
PART No	DESCRIPTION	ROLL LENGTH
16-H08F-50	8.6mm Hose Grease Filled	50mt Roll
16-H08-50	8.6mm Hose Empty	50mt Roll
16-H08F-10	8.6mm Hose Grease Filled	10mt Roll
16-H08-10	8.6mm Hose Empty	10mt Roll

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
16-SLEEVE-SS	Hose Sleeve to Suit 8.6mm Hose S/Steel
16-HSS-20	Hose Stud Straight 20mm
16-HSS-24	Hose Stud Straight 24mm
16-HSS-30	Hose Stud Straight 30mm
16-HSS-30SS	Hose Stud Straight 30mm S/Steel
16-HSE-21	Hose Stud Elbow 90deg 21mm
16-HSE-33	Hose Stud Elbow 90deg 33mm
16-HSE-37	Hose Stud Elbow 90deg 37mm
16-HSE-37SS	Hose Stud Elbow 90deg 37mm S/Steel
16-HSE-53	Hose Stud Elbow 90deg 53mm
16-HSE45	Hose Stud 45deg 25mm
16-HSE45SS	Hose Stud 45deg 25mm S/Steel
16-HSS-J07	7/16 JIC to Hose Stud Straight including Sleeve
16-HSE-J07	7/16 JIC to Hose Stud 90deg including Sleeve



Protective Spiral Guard available for tube and hose. See page 77

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-02	Non Return Valve 1/8BSP
16-NRVBG-M10C	Non Return Valve Black Galvanized



NRV-M10C M10 Cone Seat
(Suits Bekamax MX-F Divider)



NRV-02 1/8BSP Male Thread
(Suits SKF VPKG and VPBG)



NRVBG-M10C M10 Cone Seat
(Suits Lincoln SSV and SSVD)

CENTRAL LUBRICATION SYSTEMS

ADAPTORS

M/F EXTENSIONS



PART No

16-AS0202-23
16-AS0202-35
16-AS0202-50
16-AS0204-22
16-AS02M08-18
16-AS02M10-18
16-AS0404-25
16-AS04M10-20
16-ASU0402-23
16-ASM0602-23
16-ASM06M06-20
16-ASM06M06-575
16-ASM06M08-19
16-ASM06M10-23
16-ASM0802-23
16-ASM08M08-32
16-ASM08M08-625
16-ASM08M10-23
16-ASM1002-18
16-ASM10M08-18
16-ASM10M10-23
16-ASM10M10-35
16-ASM10M10-50
16-AS0202-18SS
16-AS0202-23SS
16-AS0202-35SS
16-AS0202-50SS
16-ASM10M10-23SS

DESCRIPTION

Adaptor 1/8BSP Male x 1/8BSP Female 23mm Long
Adaptor 1/8BSP Male x 1/8BSP Female 35mm Long
Adaptor 1/8BSP Male x 1/8BSP Female 50mm Long
Adaptor 1/8BSP Male x 1/4BSP Female 22mm Long
Adaptor 1/8BSP Male x M8 Female 18mm Long
Adaptor 1/8BSP Male x M10 Female 18mm Long
Adaptor 1/4BSP Male x 1/4BSP Female 25mm Long
Adaptor 1/4BSP Male x M10 Female 20mm Long
Adaptor 1/4UNF Male x 1/8BSP Female 23mm Long
Adaptor M6 Male x 1/8BSP Female 23mm Long
Adaptor M6 Male x M6 Female 20mm Long
Adaptor M6 Male x M6 Female 57.5mm Long
Adaptor M6 Male x M8 Female 19mm Long
Adaptor M6 Male x M10 Female 23mm Long
Adaptor M8 Male x 1/8BSP Female 23mm Long
Adaptor M8 Male x M8 Female 32mm Long
Adaptor M8 Male x M8 Female 62.5mm Long
Adaptor M8 Male x M10 Female 23mm Long
Adaptor M10 Male x 1/8BSP Female 18mm Long
Adaptor M10 Male x M8 Female 18mm Long
Adaptor M10 Male x M10 Female 23mm Long
Adaptor M10 Male x M10 Female 35mm Long
Adaptor M10 Male x M10 Female 50mm Long
Adaptor 1/8BSP Male x 1/8BSP Female 18mm Long S/Steel
Adaptor 1/8BSP Male x 1/8BSP Female 23mm Long S/Steel
Adaptor 1/8BSP Male x 1/8BSP Female 35mm Long S/Steel
Adaptor 1/8BSP Male x 1/8BSP Female 50mm Long S/Steel
Adaptor M10 Male x M10 Female 23mm Long S/Steel

45 DEGREE ELBOWS



PART No

16-A450202
16-A45M0602
16-A45M06M08
16-A45M08M08
16-A45M10M08
16-A45M10M10
16-A450202SS
16-A45M10M10SS

DESCRIPTION

Adaptor 1/8BSP Male x 1/8BSP Female 45 Degree
Adaptor M6 Male x 1/8BSP Female 45 Degree
Adaptor M6 Male x M8 Female 45 Degree
Adaptor M8 Male x M8 Female 45 Degree
Adaptor M10 Male x M8 Female 45 Degree
Adaptor M10 Male x M10 Female 45 Degree
Adaptor 1/8BSP Male x 1/8BSP Female 45deg S/Steel
Adaptor M10 Male x M10 Female 45deg S/Steel

90 DEGREE ELBOWS



PART No

16-A900202
16-A9002M08
16-A90U0402
16-A90M06M06
16-A90M06M08
16-A90M06M10
16-A90M08M08
16-A90M08M10
16-A90M10M10
16-A900202SS
16-A90M10M10SS

DESCRIPTION

Adaptor 1/8BSP Male x 1/8BSP Female 90 Degree
Adaptor 1/8BSP Male x M8 Female 90 Degree
Adaptor 1/4UNF Male x 1/8BSP Female 90 Degree
Adaptor M6 Male x M6 Female 90 Degree
Adaptor M6 Male x M8 Female 90 Degree
Adaptor M6 Male x M10 Female 90 Degree
Adaptor M8 Male x M8 Female 90 Degree
Adaptor M8 Male x M10 Female 90 Degree
Adaptor M10 Male x M10 Female 90 Degree
Adaptor 1/8BSP Male x 1/8BSP Female 90deg S/Steel
Adaptor M10 Male x M10 Female 90deg S/Steel

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



USEFUL GREASE INFORMATION ON PAGE 130

CENTRAL LUBRICATION SYSTEMS



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-MB08	8 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
16-MBS09	9 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 1/8BSP S/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

GREASE INFORMATION

Grease used in 25mt tube coils and 50mt 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: 190mm²/s

Grease used in 100mt 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: 45mm²/s