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# PARTS CATALOGUE

PERFORMANCE FLUID TRANSFER



**GOODRIDGE**



SECTION A-A

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EOM

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H Hansford  
Sensors

SHAPED BY CORNWALL

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DENSOCHEMIE

TOYOTA  
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# Introduction

Founded in 1969, Goodridge has grown from a small unit in the Devon market town of Totnes, UK, to a global organisation, now manufacturing in ten facilities spread across nine countries.

Goodridge manufactures and supplies fluid transfer assemblies, hose and fittings to world leading racing teams; competing in **F1, INDYCAR, NASCAR, WEC, WRC, BTCC, WTCR, MOTO GP, WSBK, BSB** and more.

Our continued success is built on close working relationships with our customers;

Goodridge understands that finding the right solution can be challenging and therefore we have tailored this catalogue with a customer focus, adding information that will help guide you to the most suitable solution for the application.

Renowned for quality and functionality, Goodridge carries the following quality standards.

- **ISO9001:2015**
- **IATF16949:2016**
- **TUV/DOT/ ADR/ CQC**
- **FMVSS106**
- **JLRQ**
- **VAG Grade A**
- **Ford Q1**



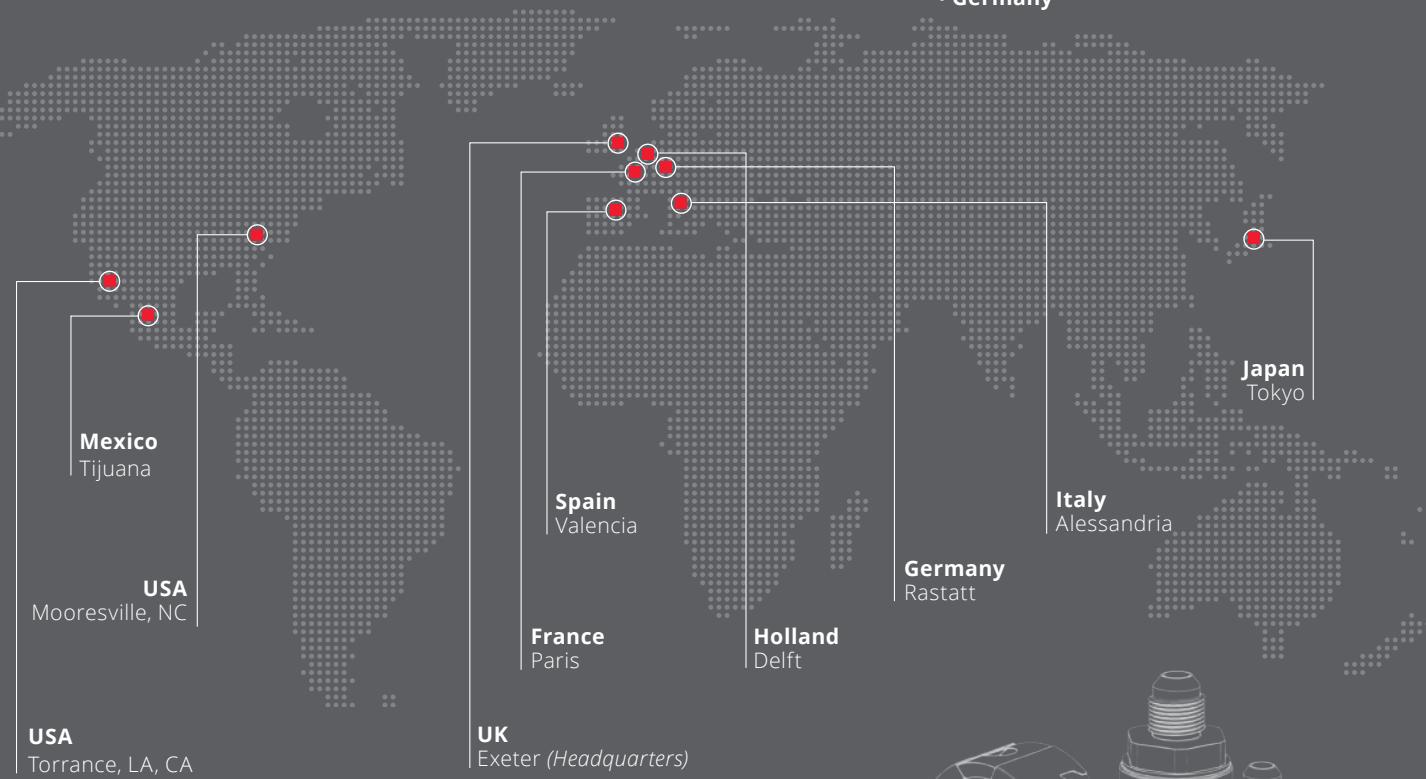
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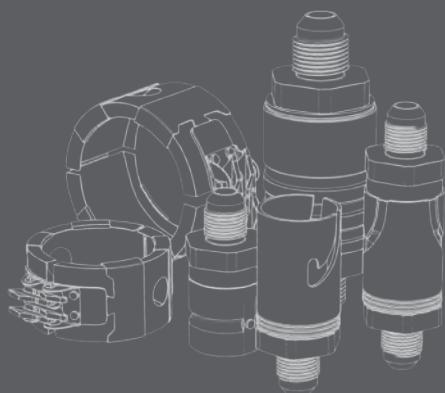
This catalogue is backed by a global network of Goodridge dealers and distributors. For bespoke applications, custom hose assemblies and mobile plumbing services please contact one of the Goodridge facilities directly.

## Goodridge locations:

- |                      |                 |
|----------------------|-----------------|
| • <b>UK</b>          | • <b>Italy</b>  |
| • <b>France</b>      | • <b>USA</b>    |
| • <b>Spain</b>       | • <b>Mexico</b> |
| • <b>Netherlands</b> | • <b>Japan</b>  |
| • <b>Germany</b>     |                 |



**Dealer and distributor list:**  
[www.goodridge.com/distributors](http://www.goodridge.com/distributors)



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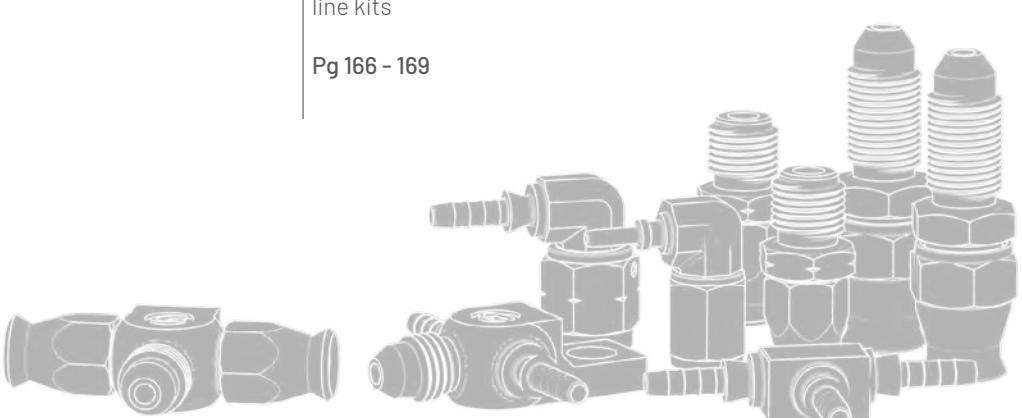
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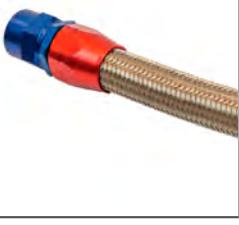
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**Fuel, Oil, Coolant, Hydraulics, Methanol & Air**

Hose Range	Key Benefits	Key Features	Application	Please note
G-Line Ultra 960 & 860	 <ul style="list-style-type: none"> <li>• Highest burst pressures</li> <li>• Highest temp resistance (180° C)</li> <li>• Highest vacuum resistance</li> <li>• Highest flow rate</li> <li>• PTFE - Safe to run 'in cockpit'</li> </ul>	<ul style="list-style-type: none"> <li>• Smooth bore</li> <li>• Helically wound coil</li> <li>• PTFE lined aramid fibre/ Stainless steel braid</li> </ul>	<ul style="list-style-type: none"> <li>• Race Fuels</li> <li>• Oil</li> <li>• Coolant</li> <li>• Brake fluid</li> <li>• Methanol</li> <li>• Air</li> </ul>	Crimp fitting only
G-Line XF 910 & 811	 <ul style="list-style-type: none"> <li>• Super light weight</li> <li>• High flow rate</li> <li>• Compatible with crimp and reusable fittings</li> <li>• PTFE - Safe to run 'in cockpit'</li> </ul>	<ul style="list-style-type: none"> <li>• Smooth bore</li> <li>• Reusable fitting compatible</li> <li>• PTFE lined aramid fibre/ Stainless steel braid</li> </ul>	<ul style="list-style-type: none"> <li>• Race Fuels</li> <li>• Oil</li> <li>• Coolant</li> <li>• Brake fluid</li> <li>• Methanol</li> <li>• Air</li> </ul>	
G-Line 710	 <ul style="list-style-type: none"> <li>• Tightest bend radius</li> <li>• PTFE - Safe to run 'in cockpit'</li> </ul>	<ul style="list-style-type: none"> <li>• Fully convoluted</li> <li>• PTFE lined</li> <li>• Aramid fibre braid</li> </ul>	<ul style="list-style-type: none"> <li>• Race Fuels</li> <li>• Oil</li> <li>• Coolant</li> <li>• Brake fluid</li> <li>• Methanol</li> <li>• Air</li> </ul>	710 is Draw swage only
G-Flex 711	 <ul style="list-style-type: none"> <li>• Highest temp rated convoluted hose</li> <li>• PTFE - Safe to run 'in cockpit'</li> </ul>	<ul style="list-style-type: none"> <li>• Convoluted</li> <li>• PTFE lined</li> <li>• Aramid fibre braid</li> </ul>	<ul style="list-style-type: none"> <li>• Race Fuels</li> <li>• Oil</li> <li>• Coolant</li> <li>• Methanol</li> <li>• Air</li> </ul>	
600 series (AN-04 to AN-08)	 <ul style="list-style-type: none"> <li>• PTFE - Safe to run 'in cockpit'</li> </ul>	<ul style="list-style-type: none"> <li>• PTFE lined</li> <li>• Stainless Steel braided</li> <li>• Compatible with crimp (HP) / reusable (MP) fittings</li> </ul>	<ul style="list-style-type: none"> <li>• Fuel</li> <li>• Oil</li> <li>• Water</li> <li>• Clutch</li> <li>• Dampers</li> <li>• Brake fluid</li> <li>• Hydraulic</li> <li>• Airjack</li> <li>• Pneumatics</li> </ul>	High pressure & medium pressure variants available
200 series	 <ul style="list-style-type: none"> <li>• Compatible with 'push fit' applications</li> </ul>	<ul style="list-style-type: none"> <li>• Smooth bore</li> <li>• Integral stainless-steel reinforced elastomer with hi-tensile outer stainless-steel braid</li> </ul>	<ul style="list-style-type: none"> <li>• Fuel</li> <li>• Oil</li> <li>• Water</li> <li>• Methanol</li> <li>• Air</li> </ul>	Not suitable for use 'in cockpit'

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

## Fuel, Oil, Coolant, Methanol & Air

Hose Range	Key Benefits	Key Features	Application	Please note
536 & TU25	<ul style="list-style-type: none"> <li>Push fit application</li> </ul> 	<ul style="list-style-type: none"> <li>Smooth bore</li> <li>Reinforced internal textile braiding</li> </ul>	<ul style="list-style-type: none"> <li>Oil</li> <li>Coolant</li> <li>Air</li> <li>Water</li> </ul>	Not suitable for use 'in cockpit'

## Brakes, Clutch, Hydraulics & Pneumatics

Hose Range	Key Benefits	Key Features	Application	Please note
600 series (AN-02 & AN-03)	<ul style="list-style-type: none"> <li>Compatible with all brake and clutch fluids</li> <li>PTFE – Safe to run 'in cockpit'</li> <li>Compatible with crimp &amp; reusable fittings</li> </ul> 	<ul style="list-style-type: none"> <li>PTFE lined</li> <li>Stainless Steel braided</li> <li>Compatible with crimp/reusable fittings</li> <li>Available in a range of external PVC colours</li> </ul>	<ul style="list-style-type: none"> <li>Brake lines / Clutch line</li> <li>Hydraulics / Pneumatics</li> </ul>	
700 series	<ul style="list-style-type: none"> <li>Super lightweight</li> <li>Compatible with all brake and clutch fluids</li> <li>PTFE – Safe to run 'in cockpit'</li> </ul> 	<ul style="list-style-type: none"> <li>PTFE lined aramid fibre braided</li> </ul>	<ul style="list-style-type: none"> <li>Pressure gauge lines</li> <li>Fuel injection</li> <li>Fire extinguisher systems</li> <li>Nitrous systems</li> <li>Clutch lines</li> </ul>	Crimp fittings only  Competition use only
Buildaline	<ul style="list-style-type: none"> <li>Customisable for any application</li> </ul> 	<ul style="list-style-type: none"> <li>Cut to length 'in-house'</li> <li>Pressure tested 'in house'</li> <li>Diverse fitting range available</li> </ul>	<ul style="list-style-type: none"> <li>Brake lines</li> </ul>	FMVSS 106 and DOT compliant

**GOODRIDGE**

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01

G-LINE ULTRA SERIES  
HOSE AND FITTINGS

**GOODRIDGE**

## G-Line Ultra series

G-Line Ultra 860 & 960 are the most robust hoses in the Goodridge range; used by motorsport teams globally who require the highest level of protection from temperature, high pressure, vacuum resistance and kink resistance.

Similar to the Goodridge G-Line XF range, G-Line Ultra features a smooth bore, externally convoluted, carbon impregnated, anti-static PTFE liner. In addition, the G-Line Ultra range features a helically wound high tensile 316 stainless steel coil, seated between the external convolutions of the PTFE hose liner. The coil increases burst pressures, vacuum resistance and kink resistance.

G-Line Ultra is compatible with 960 crimp fittings and must be assembled using specialist equipment. Double swivel tail options are available to aid with alignment. The G-Line Ultra hose range is a popular choice for leading motorsport teams.

### Benefits:

- Uninterrupted flow
- Burst pressure up to 6090 PSI / 420 BAR (AN-06)
- Temperature resistance from -40°C to +180°C
- Vacuum resistance to -13.05 PSI / -0.9 BAR
- Bend radius to 25mm (AN-06)

### Features:

- Enlarged smooth bore
- Stainless steel helically wound coil
- PTFE lined
- Aramid fibre / Stainless steel braided option
- SAE J1737 compliant

## Which hose do I need?

G-Line Ultra hose comparison chart:

Hose range	Lightest weight	Highest temp resistance	Tightest bend radius	Additional external protection	Fitting type
960	x				Crimp
860		x	x	x	Crimp

### Fluid applications:

*Fuel, Oil, Water, Methanol & Pneumatics*

### Compatible fittings:

*960 Ultra lightweight crimp fittings (Not compatible with reusable fittings)*

### Please Note:

*Volumetric expansion and flow data available on request*

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**Fluid applications:**

Fuel, Oil, Water, Methanol &amp; Pneumatics

**Material:**

Anti-static PTFE smoothbore, aramid fibre braid

**Compatible fittings:**960 Ultra Lightweight crimp fittings  
(Not compatible with reusable fittings)**Notes:**

Collars must be purchased separately.

**G-LINE ULTRA 960**

The G-Line Ultra hose range is the 'go to' hose for high burst pressure, vacuum and kink resistance.

The G-Line Ultra range features a helically wound high tensile 316 stainless steel coil, seated between the external convolutions of the smooth bore PTFE hose liner.

This feature increases burst pressures, vacuum resistance and kink resistance over a conventional PTFE lined smooth bore hose.

The 960 version features an aramid fibre outer braid, making the hose ideal when weight saving is critical.

*Data in this table is for the hose only*

Part No.	Dash Size	Max Bore Size mm / inches	Outer Diameter mm / inches	Working Press Bar / Psi	Burst Pres Bar / Psi	Weight Kg / M Lb/Ft	Min Bend Rad mm / inches	Temp Range °C / °F
960-06	-6	9,94 (0,39)	13,59 (0,54)	140 (2031)	420 (6092)	0,10 (0,067)	19,0 (0,75)	-40/+180 (40/+356)
960-08	-8	13,20 (0,52)	17,60 (0,69)	122 (1769)	367 (5323)	0,18 (0,121)	28,0 (1,10)	-40/+180 (40/+356)
960-10	-10	16,70 (0,66)	21,60 (0,85)	113 (1639)	341 (4945)	0,26 (0,175)	32,0 (1,26)	-40/+180 (40/+356)
960-12	-12	20,05 (0,79)	25,15 (0,99)	105 (1523)	315 (4568)	0,31 (0,208)	35,0 (1,38)	-40/+180 (40/+356)
960-16	-16	26,10 (1,03)	32,35 (1,27)	87 (1262)	262 (3780)	0,50 (0,336)	50,0 (1,97)	-40/+180 (40/+356)
960-20	-20	32,60 (1,28)	39,20 (1,54)	78 (1131)	236 (3423)	0,74 (0,500)	70,0 (2,76)	-40/+180 (40/+356)

**Note:** Temperature affects maximum working pressure as listed; for temps above 130°C reduce the working pressure by 0.75% for each degree above 130°C. Max 180°C.

**G-LINE ULTRA 860**

The G-Line Ultra hose range is the 'go to' hose for high burst pressure, vacuum resistance and kink resistance.

The G-Line Ultra range features a helically wound high tensile 316 stainless steel coil, seated between the external convolutions of the smooth bore PTFE hose liner. This feature increases burst pressures, vacuum resistance and kink resistance over a conventional PTFE lined smooth bore hose.

The 860 version features a stainless-steel outer braid, offering the highest level of protection from abrasion, tighter bend radius and higher temperature resistance.

*Data in this table is for the hose only*

Part No.	Dash Size	Max Bore Size mm / inches	Outer Diameter mm / inches	Working Press Bar / Psi	Burst Pres Bar / Psi	Weight Kg / M Lb/Ft	Min Bend Rad mm / inches	Temp Range °C / °F
860-06	-6	9,94 (0,39)	13,26 (0,52)	140 (2031)	420 (6092)	0,14 (0,094)	19,0 (0,75)	-73/+260 (-99/+500)
860-08	-8	13,26 (0,52)	17,60 (0,69)	122 (1769)	367 (5323)	0,29 (0,194)	28 (1,10)	-73/+260 (-99/+500)
860-10	-10	17,60 (0,69)	21,50 (0,85)	113 (1639)	341 (4945)	0,35 (0,235)	32,0 (1,26)	-73/+260 (-99/+500)
860-12	-12	24,90 (0,98)	24,90 (0,98)	105 (1523)	315 (4568)	0,40 (0,690)	35,0 (1,38)	-73/+260 (-99/+500)
860-16	-16	31,80 (1,25)	31,80 (1,25)	87 (1262)	262 (3780)	0,63 (0,423)	50,0 (1,97)	-73/+260 (-99/+500)

**Note:** Temperature affects maximum working pressure as listed; for temps above 130°C reduce the working pressure by 0.75% for each degree above 130°C. Max 260°C.

**960 JIC fittings**

Goodridge 960 series crimp fittings are specifically designed for the G-Line Ultra 960 and 860 hoses.

The 960 fittings combine a specially designed shortened tail form for reliability and light weight; available in both forged and swept body, from straight to 180 degrees bend angle options.

**960-01**

Straight female concave seat

Part No.	To suit hose	JIC/UNF	Mat
960-0106	-06	9/16 x 18	D
960-0108	-08	3/4 x 16	D
960-0110	-10	7/8 x 14	D
960-0112	-12	1 1/16 x 12	D
960-0116	-16	1 5/16 x 12	D
960-0120	-20	1 5/8 x 12	D

**960-45**

45° forged female concave seat

Part No.	To suit hose	JIC/UNF	Mat
960-4506	-06	9/16 x 18	D
960-4508	-08	3/4 x 16	D
960-4510	-10	7/8 x 14	D
960-4512	-12	1 1/16 x 12	D

**960-46**

45° swept tube female concave seat

Part No.	To suit hose	JIC/UNF	Mat
960-4606	-06	9/16 x 18	D
960-4608	-08	3/4 x 16	D
960-4610	-10	7/8 x 14	D
960-4612	-12	1 1/16 x 12	D
960-4616	-16	1 5/16 x 12	D
960-4620	-20	1 5/8 x 12	D

**960-90**

90° forged female concave seat

Part No.	To suit hose	JIC/UNF	Mat
960-9006	-06	9/16 x 18	D
960-9008	-08	3/4 x 16	D
960-9010	-10	7/8 x 14	D
960-9012	-12	1 1/16 x 12	D

**Fitting type:***Crimp***Fluid applications:**

Fuel, Oil, Water, Methanol and Pneumatics

**Compatible hose:**

G-Line Ultra 960 and 860

**Material:**

D = Aluminium (Black)

**Notes:**

Collars must be purchased separately.

**960-91**

90° swept tube female concave seat

Part No.	To suit hose	JIC/UNF	Mat
960-9106	-06	9/16 x 18	D
960-9106-M14	-06	M14 x 1,5	D
960-9108	-08	3/4 x 16	D
960-9110	-10	7/8 x 14	D
960-9112	-12	1 1/16 x 12	D
960-9116	-16	1 5/16 x 12	D
960-9120	-20	1 5/8 x 12	D

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**960-120**

120° swept tube female concave seat

Part No.	To suit hose	JIC/UNF	Mat
960-12006	-06	9/16 x 18	D
960-12008	-08	3/4 x 16	D
960-12010 •	-10	7/8 x 14	D
960-12012	-12	1 1/16 x 12	D
960-12016 •	-16	1 5/16 x 12	D

**960-150**

150° swept tube female concave seat

Part No.	To suit hose	JIC/UNF	Mat
960-15006	-06	9/16 x 18	D
960-15008	-08	3/4 x 16	D
960-15010 •	-10	7/8 x 14	D
960-15012	-12	1 1/16 x 12	D
960-15016 •	-16	1 5/16 x 12	D

**960-180**

180° swept tube female concave seat

Part No.	To suit hose	JIC/UNF	Mat
960-18006	-06	9/16 x 18	D
960-18008	-08	3/4 x 16	D
960-18010 •	-10	7/8 x 14	D
960-18012	-12	1 1/16 x 12	D
960-18016 •	-16	1 5/16 x 12	D

**96776**

Straight banjo

Part No.	To suit hose	Hole size	Mat
96776-06-M12D	-06	M12 x 1,5	D
96776-06-M14D	-06	M14 x 1,5	D



All 960 & 860 hose assemblies must be assembled by trained Goodridge personnel. Please contact Goodridge directly or find an approved Goodridge G-Tech centre at [www.goodridge.com/distributors](http://www.goodridge.com/distributors)

**960 JIC fittings**

Goodridge 960 series crimp fittings are specifically designed for the G-Line Ultra 960 and 860 hoses.

The 960 fittings combine a specially designed shortened tail form for reliability and light weight; available in both forged and swept body, from straight to 180 degrees bend radius options.

• **Made to order only**

**Fitting type:***Crimp***Fluid applications:***Fuel, Oil, Water, Methanol and Pneumatics***Compatible hose:***G-Line Ultra 960 and 860***Material:***D = Aluminium (Black)***Notes:***Collars must be purchased separately.*

## 960 JIC fittings (made to order only)

An extended range of 960 crimp fittings are also available on a 'special order' basis.

**Please contact Goodridge directly for more information.**

### Fitting type:

Crimp

### Fluid applications:

Fuel, Oil, Water, Methanol and Pneumatics

### Compatible hose:

G-Line Ultra 960 and 860

### Material:

D = Aluminium (Black)

### Notes:

Collars must be purchased separately.

**960-30**



30° swept tube female concave seat

Part No.	To suit hose	JIC/UNF	Mat
960-3008	-08	3/4 x 16	D
960-3010	-10	7/8 x 14	D
960-3012	-12	1 1/16 x 12	D
960-3016	-16	1 5/16 x 12	D

**960-60**



60° swept tube female concave seat

Part No.	To suit hose	JIC/UNF	Mat
960-6008	-08	3/4 x 16	D
960-6010	-10	7/8 x 14	D
960-6012	-12	1 1/16 x 12	D
960-6016	-16	1 5/16 x 12	D

## 960 Double Swivel JIC fittings

The 960 fitting series range is available in select double swivel options, fittings can be aligned upon installation - no need to align the fitting prior to crimping.

**Please note:** An extended range of 960 Double Swivel fittings are available for 'special order'

**Please contact Goodridge directly for more information.**

### Fitting type:

Crimp

### Fluid applications:

Fuel, Oil, Water, Methanol and Pneumatics

### Compatible hose:

G-Line Ultra 960 and 860

### Material:

D = Aluminium (Black)

### Notes:

Collars must be purchased separately.

**9945**



Double swivel forged 45° female concave seat

Part No.	To suit hose	JIC/UNF	Mat
9945-06	-06	9/16 x 18	D
9945-08	-08	3/4 x 16	D
9945-10	-10	7/8 x 14	D
9945-12	-12	1 1/16 x 12	D

**9990**



Double swivel forged 90° female concave seat

Part No.	To suit hose	JIC/UNF	Mat
9990-06	-06	9/16 x 18	D
9990-08	-08	3/4 x 16	D
9990-10	-10	7/8 x 14	D
9990-12	-12	1 1/16 x 12	D

**9991**



Double swivel swept tube 90° female concave seat

Part No.	To suit hose	JIC/UNF	Mat
9991-08	-08	3/4 x 16	D
9991-10	-10	7/8 x 14	D
9991-12	-12	1 1/16 x 12	D
9991-16	-16	1 5/16 x 12	D

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**9930**

Double swivel swept tube 30° female concave seat

Part No.	To suit hose	JIC/UNF	Mat
9930-08	-08	3/4 x 16	D
9930-10	-10	7/8 x 14	D
9930-12	-12	1 1/16 x 12	D
9930-16	-16	1 5/16 x 12	D

**9946**

Double swivel swept tube 45° female concave seat

Part No.	To suit hose	JIC/UNF	Mat
9946-08	-08	3/4 x 16	D
9946-10	-10	7/8 x 14	D
9946-12	-12	1 1/16 x 12	D
9946-16	-16	1 5/16 x 12	D

**9960**

Double swivel swept tube 60° female concave seat

Part No.	To suit hose	JIC/UNF	Mat
9960-08	-08	3/4 x 16	D
9960-10	-10	7/8 x 14	D
9960-12	-12	1 1/16 x 12	D
9960-16	-16	1 5/16 x 12	D

**99120**

Double swivel swept tube 120° female concave seat

Part No.	To suit hose	JIC/UNF	Mat
99120-08	-08	3/4 x 16	D
99120-10	-10	7/8 x 14	D
99120-12	-12	1 1/16 x 12	D
99120-16	-16	1 5/16 x 12	D

**99150**

Double swivel swept tube 150° female concave seat

Part No.	To suit hose	JIC/UNF	Mat
99150-08	-08	3/4 x 16	D
99150-10	-10	7/8 x 14	D
99150-12	-12	1 1/16 x 12	D
99150-16	-16	1 5/16 x 12	D

## 960 Double Swivel JIC fittings (made to order only)

The 960 fitting series range is available in select double swivel options, fittings can be aligned upon installation - no need to align the fitting prior to crimping.

**Please note:** An extended range of 960 Double Swivel fittings are available for 'special order'

Please contact Goodridge directly for more information.

**Fitting type:***Crimp***Fluid applications:**

Fuel, Oil, Water, Methanol and Pneumatics

**Compatible hose:**

G-Line Ultra 960 and 860

**Material:**

D = Aluminium (Black)

**Notes:**

Collars must be purchased separately

## 960 Double Swivel JIC fittings (made to order only)

**Fitting type:**  
*Crimp*

**Fluid applications:**  
Fuel, Oil, Water, Methanol and Pneumatics

**Compatible hose:**  
G-Line Ultra 960 and 860

**Material:**  
*D = Aluminium (Black)*

**Notes:**  
*Collars must be purchased separately.*

**99180**

Double swivel swept tube 180° female concave seat

Part No.	To suit hose	JIC/UNF	Mat
99180-08	-08	3/4 x 16	D
99180-10	-10	7/8 x 14	D
99180-12	-12	1 1/16 x 12	D
99180-16	-16	1 5/16 x 12	D

## 960 Wiggins/ Hydraflow Cup DFL fittings

The 960 fitting series range is available in Wiggins/ Hydraflow cup options, compatible with Adel Wiggins and Hydraflow type fasteners.

**960-01DFL**

Straight DFL for Wiggins/Hydraflow concave seat

Part No.	Cup size	Hose tail size	Mat
960-0108DFL	-08	-08	D
960-0110DFL	-10	-10	D
960-0112DFL	-12	-12	D
960-0116DFL	-16	-16	D

**960-45DFL**

45° DFL for Wiggins/Hydraflow female concave seat

Part No.	Cup size	Hose tail size	Mat
960-4508DFL	-08	-08	D
960-4510DFL	-10	-10	D
960-4512DFL	-12	-12	D
960-4516DFL	-16	-16	D

**960-90DFL**

90° DFL for Wiggins/Hydraflow concave seat

Part No.	Cup size	Hose tail size	Mat
960-9008DFL	-08	-08	D
960-9010DFL	-10	-10	D
960-9012DFL	-12	-12	D
960-9016DFL	-16	-16	D

**Fitting type:**  
*Crimp*

**Fluid applications:**  
Fuel, Oil, Water, Methanol and Pneumatics

**Compatible hose:**  
G-Line Ultra 960 and 860

**Material:**  
*D = Aluminium (Black)*

**Notes:**  
*Collars must be purchased separately.*

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**960-120DFL**

120° DFL for Wiggins/Hydraflow concave seat

Part No.	Cup size	Hose tail size	Mat
960-12008DFL	-08	-08	D
960-12010DFL	-10	-10	D
960-12012DFL	-12	-12	D
960-12016DFL	-16	-16	D

**960-150DFL**

150° DFL for Wiggins/Hydraflow concave seat

Part No.	Cup size	Hose tail size	Mat
960-15008DFL	-08	-08	D
960-15010DFL	-10	-10	D
960-15012DFL	-12	-12	D
960-15016DFL	-16	-16	D

**960-180DFL**

180° DFL for Wiggins/Hydraflow concave seat

Part No.	Cup size	Hose tail size	Mat
960-18008DFL	-08	-08	D
960-18010DFL	-10	-10	D
960-18012DFL	-12	-12	D
960-18016DFL	-16	-16	D



All 960 & 860 hose assemblies must be assembled by trained Goodridge personnel. Please contact Goodridge directly or find an approved Goodridge G-Tech centre at [www.goodridge.com/distributors](http://www.goodridge.com/distributors)

## 960 Wiggins/ Hydraflow DFL Cup fittings (made to order only)

An extended range of 960 Wiggins/Hydraflow cup fittings series range are also available on a 'special order' basis.

Please contact Goodridge directly for more information.

**Fitting type:**

Crimp

**Fluid applications:**

Fuel, Oil, Water, Methanol and Pneumatics

**Compatible hose:**

G-Line Ultra 960 and 860

**Material:**

D = Aluminium (Black)

**Notes:**

Collars must be purchased separately

## 960 Plug-In fittings (made to order only)

**Fitting type:**  
Crimp

**Fluid applications:**  
Fuel, Oil, Water, Methanol and Pneumatics

**Compatible hose:**  
G-Line Ultra 960 and 860

**Material:**  
*D* = Aluminium (Black)

**Notes:**  
Collars must be purchased separately.

**961001****961046****961091**

Part No.	Mat	Fitting Angle	Tail size	Plug OD (mm)
961001	<i>D</i>	Straight	-06	14.38
961046	<i>D</i>	45°	-08	15.88
961091	<i>D</i>	90°	-10	22.23
			-12	23.81
			-16	31.75

**EXAMPLE:**

Part No.	Tail size	Plug OD (mm)
961001	-06	-08

PART NO: 961001-06-08

Please contact Goodridge or your nearest G-Tech centre for all fuel type O-Ring options.

## Crimp collar to suit 960 fittings

Aluminium crimp collar to suit 960 series fittings.

**RCC960****Crimp collar for 960 and 860 hoses**

Part No.	To suit hose	Mat
RCC960-06D	-06	<i>D</i>
RCC960-08D	-08	<i>D</i>
RCC960-10D	-10	<i>D</i>
RCC960-12D	-12	<i>D</i>
RCC960-16D	-16	<i>D</i>
RCC960-20D	-20	<i>D</i>

**Compatible fittings:**  
G-Line Ultra 960

**Material:**  
*D* = Aluminium (Silver)

**Notes:**  
Only to be used with 960 series fittings

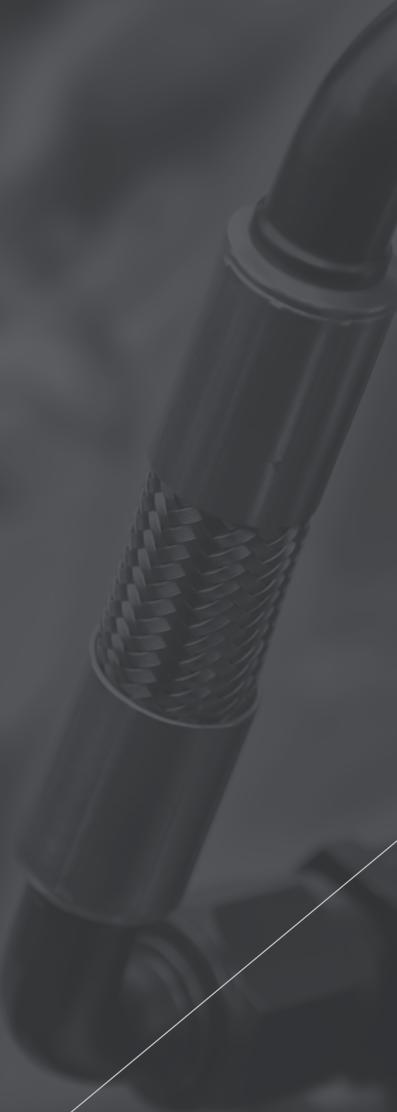


All 960 & 860 hose assemblies must be assembled by trained Goodridge personnel. Please contact Goodridge directly or find an approved Goodridge G-Tech centre at [www.goodridge.com/distributors](http://www.goodridge.com/distributors)



**GOODRIDGE**

[www.goodridge.com](http://www.goodridge.com)





02

G-LINE SERIES  
HOSE AND FITTINGS

**GOODRIDGE**

## G-Line series

G-Line hose and fittings are used by leading motorsport teams requiring a combination of high flow rate, protection from the elements, tight bend radii and reduced weight.

The G-Line hose range is available in smoothbore (XF910 and XF811) and convoluted (G-Flex 711 and G-Line 710) hose options. All G-Line hoses either feature as standard or have an anti-static PTFE liner option.

In addition, bespoke lightweight aluminium fittings, available in crimp, draw swage and reusable tail options are available. Double swivel tail options are available to aid with alignment.

Current customers include teams competing in F1, INDYCAR, WEC, NASCAR, WRC, GT, BTCC, WTCR and club level motorsports.

### Benefits:

- Super light weight (XF910 & G-Flex 711)
- Uninterrupted flow
- Burst pressure up to 5076 PSI / 350 BAR (AN-04)
- Temperature resistance from -45°C to 170°C
- Bend radius to 20mm (AN-06)

### Features:

- High flow rate (XF910 & XF811)
- PTFE lined
- Aramid fibre / Stainless steel braided options
- Compatible with crimp & reusable fittings
- SAE J7137 compliant

## Which hose do I need?

G-Line hose comparison chart:

Hose range	Light weight	Burst Pressure	Bend radius	High flow rate	Temp resistance	Additional external protection	Fitting type
910	x	x		x			Crimp & Reusable
811		x		x	x	x	Crimp & Reusable
711	x						Crimp
710			x				Draw swage
910FC							Crimp

### Fluid applications:

Fuel, Oil, Water, Methanol & Pneumatics

### Compatible fittings:

711 crimp fittings

4000 series crimp fittings

811 reusable fittings

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**Fluid applications:**

Fuel, Oil, Water, Methanol &amp; Pneumatics

**Compatible fittings:**711 crimp fittings  
4000 crimp fittings  
811 reusable fittings**G-LINE XF 910**

The G-Line XF 910 is the lightest smoothbore hose in the Goodridge range.

The hose features a smooth bore, externally convoluted, carbon impregnated, anti-static PTFE liner, wrapped in a super lightweight Aramid fibre braid.

In addition to the 711 crimp and 4000 series crimp/draw swage fittings, the G-Line XF 910 hose can be assembled using 811 reusable fittings, without the need for specialist tooling.

*Data in this table is for the hose only*

Part No.	Dash Size	Max Bore Size mm / inches	Outer Diameter mm / inches	Working Press Bar / Psi	Burst Pres Bar / Psi	Weight Kg / M Lb/Ft	Min Bend Rad mm / inches	Temp Range °C / °F
910-04	-04	6,70 (0,26)	9,70 (0,38)	88 (1276)	350 (5076)	0,070 (0,0471)	20 (0,79)	-40/+180 (-40/+356)
910-06	-06	9,50 (0,37)	13,00 (0,51)	80 (1160)	320 (4641)	0,105 (0,0706)	28 (1,10)	-40/+180 (-40/+356)
910-08	-08	12,70 (0,50)	16,80 (0,66)	70 (1015)	280 (4061)	0,140 (0,0942)	40 (1,57)	-40/+180 (-40/+356)
910-10	-10	15,90 (0,63)	20,90 (0,81)	65 (924)	260 (3770)	0,205 (0,1379)	45 (1,77)	-40/+180 (-40/+356)
910-12	-12	19,00 (0,75)	24,70 (0,97)	60 (870)	240 (3480)	0,214 (0,1440)	55 (2,16)	-40/+180 (-40/+356)
910-16	-16	25,40 (1,00)	32,70 (1,29)	50 (725)	200 (2900)	0,489 (0,3290)	75 (2,95)	-40/+180 (-40/+356)
910-20	-20	31,70 (1,24)	38,60 (1,45)	45 (652)	180 (2610)	0,587 (0,3950)	100 (3,94)	-40/+180 (-40/+356)

**Note:** Temperature affects maximum working pressure as listed; for temps above 130°C reduce the working pressure by 0.75% for each degree above 130°C. Max 180°C.

**Fluid applications:**

Fuel, Oil, Water, Methanol &amp; Pneumatics

**Compatible fittings:**711 crimp fittings  
4000 crimp fittings  
811 reusable fittings**G-LINE XF 811**

The G-Line XF 811 is the stainless-steel braided equivalent to the G-Line XF 910.

The hose features a smooth bore, externally convoluted, carbon impregnated, anti-static PTFE liner, wrapped in a Stainless Steel braid.

In addition to the 711 crimp and 4000 series crimp/draw swage fittings, the G-Line XF 811 hose can be assembled using 811 reusable fittings, without the need for specialist tooling.

*Data in this table is for the hose only*

Part No.	Dash Size	Max Bore Size mm / inches	Outer Diameter mm / inches	Working Press Bar / Psi	Burst Pres Bar / Psi	Weight Kg / M Lb/Ft	Min Bend Rad mm / inches	Temp Range °C / °F
811-04	-04	6,70 (0,26)	9,60 (0,38)	88 (1276)	350 (5076)	0,098 (0,0659)	19 (0,75)	-70/+260 (-94/+500)
811-06	-06	9,50 (0,37)	12,70 (0,50)	80 (1160)	320 (4641)	0,156 (0,1049)	27 (1,06)	-70/+260 (-94/+500)
811-08	-08	12,70 (0,50)	16,40 (0,65)	70 (1015)	280 (4061)	0,233 (01568)	38 (1,5)	-70/+260 (-94/+500)
811-10	-10	15,90 (0,63)	20,60 (0,81)	65 (924)	260 (3770)	0,333 (0,2241)	50 (1,97)	-70/+260 (-94/+500)
811-12	-12	19,00 (0,75)	24,20 (0,87)	60 (870)	240 (3480)	0,400 (0,2692)	52 (2,05)	-70/+260 (-94/+500)
811-16	-16	25,40 (1,00)	32,20 (1,27)	50 (725)	200 (2900)	0,660 (0,4158)	70 (2,76)	-70/+260 (-94/+500)

**Note:** Temperature affects maximum working pressure as listed; for temps above 130°C reduce the working pressure by 0.75% for each degree above 130°C. Max 260°C.

**Fluid applications:**

Fuel (Methanol, Alcohol &amp; E-85)

**Compatible fittings:**

711 crimp fittings

4000 series crimp fittings

811 reusable fittings

**G-LINE XF 910FC**

Goodridge 910 FC fuel cell hose is designed for internal fuel cell plumbing and lift pump applications. The hose is smooth bore and externally convoluted, constructed from carbon impregnated PTFE.

Available in black (Anti-static) or transparent for inspection purposes.

910 FC is compatible with 4000 series crimp fittings & 711 series crimp fittings (Specialist assembly equipment required) or 811 reusable fittings. (Assembled using a rubber jaw vice and alloy spanners).

Current customers include teams competing in F1, INDYCAR, WEC, NASCAR, WRC, GT, BTCC, WTCR and club level motorsports.



*Data in this table is for the hose only*

Part No.	Dash Size	Max Bore Size mm / inches	Outer Diameter mm / inches	Working Press Bar / Psi	Burst Pres Bar / Psi	Weight Kg / M Lb/Ft	Min Bend Rad mm / inches	Temp Range °C / °F	Notes
910-06FC	-06	9,53 (0,38)	13,00 (0,51)	5 (72)	20 (290)	0,06 (0,0403)	60 (2,36)	-45/+50 (-49/+122)	Fuel Cell

**Fluid applications:**

Fuel, Oil, Water, Methanol &amp; Pneumatics

**Compatible fittings:**

711 crimp fittings

**G-FLEX 711**

G-Flex 711 is the lightest hose in the Goodridge range; used by motorsport teams globally who require the ultimate in weight saving.

The G-Flex range features a fully convoluted, carbon impregnated, anti-static PTFE liner; wrapped in an Aramid fibre braid. G-Flex is compatible with 711 crimp fittings and must be assembled using specialist equipment.

The G-Flex hose range is a popular choice for motorsport teams looking for the ultimate light weight solution, not requiring the smoothbore flow characteristics of Goodridge G-Line XF & Ultra hoses.

Current customers include teams competing in F1, INDYCAR, WEC, NASCAR, WRC, GT, BTCC, WTCR and club level motorsports.



*Data in this table is for the hose only*

Part No.	Dash Size	Max Bore Size mm / inches	Outer Diameter mm / inches	Working Press Bar / Psi	Burst Pres Bar / Psi	Weight Kg / M Lb/Ft	Min Bend Rad mm / inches	Temp Range °C / °F
711-06	-06	9,50 (0,37)	12,45 (0,49)	45 (652)	180 (2610)	0,071 (0,0477)	25 (0,98)	-40/+180 (-40/+356)
711-08	-08	12,84 (12,84)	15,75 (0,62)	34 (493)	136 (1972)	0,112 (0,0753)	30 (1,18)	-40/+180 (-40/+356)
711-10	-10	18,28 (0,72)	20,83 (0,82)	30 (435)	120 (1740)	0,158 (0,1063)	35 (1,38)	-40/+180 (-40/+356)
711-12	-12	19,42 (0,76)	22,75 (0,90)	24 (348)	96 (1392)	0,198 (0,1332)	60 (2,36)	-40/+180 (-40/+356)
711-16	-16	27,00 (1,06)	31,00 (1,22)	20 (290)	80 (1160)	0,298 (0,2005)	89 (3,50)	-40/+180 (-40/+356)

**Note:** Temperature affects maximum working pressure as listed; for temps above 130°C reduce the working pressure by 0.75% for each degree above 130°C. Max 180°C.

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**Fluid applications:**

Fuel, Oil, Water, Methanol &amp; Pneumatics

**Compatible fittings:**

4000 series draw swage fittings

**G-LINE 710**

G-Line 710 is a fully convoluted, Aramid fibre braided hose; the most flexible hose in the Goodridge range, compatible with both draw swage and crimp fittings.

Similar to the G Flex 711 hose, the G-Line 710 range is fully convoluted, utilising a carbon impregnated, anti-static PTFE liner.

G-Line 710 is compatible with 4000 series draw swage fittings  
(Specialist equipment required).

The G-Line 710 range is a popular choice for motorsport teams looking for the tightest bend radius, where high flexibility is required for tight plumbing applications.

Current customers include teams competing in F1, INDYCAR, WEC, NASCAR, WRC, GT, BTCC, WTCR and club level motorsports.



*Data in this table is for the hose only*

Part No.	Dash Size	Max Bore Size mm / inches	Outer Diameter mm / inches	Working Press Bar / Psi	Burst Pres Bar / Psi	Weight Kg / Lb/Ft	Min Bend Rad mm / inches	Temp Range °C / °F
710-04	-04	7,1 (0,28)	11,3 (0,44)	70 (1015)	330 (4786)	0,075 (0,0504)	20 (1,97)	-40/+180 (-40/+356)
710-06	-06	9,5 (0,37)	14,3 (0,56)	65 (924)	256 (3712)	0,089 (0,0598)	25 (0,98)	-40/+180 (-40/+356)
710-08	-08	12,7 (0,50)	19,2 (0,75)	58 (841)	235 (3408)	0,154 (0,1036)	25 (0,98)	-40/+180 (-40/+356)
710-10	-10	15,2 (0,60)	21,5 (0,85)	50 (725)	200 (2900)	0,164 (0,1103)	32 (1,26)	-40/+180 (-40/+356)
710-12	-12	19,5 (0,77)	25,6 (0,22)	35 (507)	170 (2465)	0,193 (0,1298)	40 (1,57)	-40/+180 (-40/+356)
710-16	-16	25,4 (1,00)	32,8 (1,29)	33 (478)	133 (1929)	0,237 (0,1595)	50 (1,97)	-40/+180 (-40/+356)
710-20	-20	31,8 (1,25)	36,5 (1,44)	25 (362)	75 (1087)	0,461 (0,3102)	70 (2,76)	-40/+180 (-40/+356)

**Note:** Temperature affects maximum working pressure as listed; for temps above 130°C reduce the working pressure by 0.75% for each degree above 130°C. Max 180°C.



Reusable fitting assembly instructions can be found in section 16

Crimped fitting assemblies must be assembled by trained Goodridge personnel.

Please contact Goodridge directly or find an approved Goodridge G-Tech centre at [www.goodridge.com/distributors](http://www.goodridge.com/distributors)

**711 JIC fittings**

Goodridge 711 series crimp fittings are designed for the G-Line hose range; for both smoothbore and convoluted hose types. Available in both forged and swept body, from straight to 180 degrees bend angle options.

**711-01**

Straight female concave seat

Part No.	To suit hose	JIC/UNF	Mat
711-0106	-06	9/16 x 18	D
711-0108	-08	3/4 x 16	D
711-0110	-10	7/8 x 14	D
711-0112	-12	1 1/16 x 12	D
711-0116	-16	1 5/16 x 12	D

**711-30**

30° swept tube female concave seat

Part No.	To suit hose	JIC/UNF	Mat
711-3006	-06	9/16 x 18	D
711-3008	-08	3/4 x 16	D
711-3010	-10	7/8 x 14	D
711-3012	-12	1 1/16 x 12	D
711-3016	-16	1 5/16 x 12	D

**711-45**

45° forged female concave seat

Part No.	To suit hose	JIC/UNF	Mat
711-4506	-06	9/16 x 18	D
711-4508	-08	3/4 x 16	D
711-4510	-10	7/8 x 14	D
711-4512	-12	1 1/16 x 12	D

**711-46**

45° swept tube female concave seat

Part No.	To suit hose	JIC/UNF	Mat
711-4606	-06	9/16 x 18	D
711-4608	-08	3/4 x 16	D
711-4610	-10	7/8 x 14	D
711-4612	-12	1 1/16 x 12	D
711-4616	-16	1 5/16 x 12	D

**711-60**

60° swept tube female concave seat

Part No.	To suit hose	JIC/UNF	Mat
711-6006	-06	9/16 x 18	D
711-6008	-08	3/4 x 16	D
711-6010	-10	7/8 x 14	D
711-6012	-12	1 1/16 x 12	D
711-6016	-16	1 5/16 x 12	D

**Fluid applications:**

Fuel, Oil, Water, Methanol & Pneumatics

**Compatible hoses:**

G-Line XF 910 & 811  
G-Flex 711

**Notes:**

Collars must be purchased separately.

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**711-90**

90° forged female concave seat

Part No.	To suit hose	JIC/UNF	Mat
711-9006	-06	9/16 x 18	D
711-9008	-08	3/4 x 16	D
711-9010	-10	7/8 x 14	D
711-9012	-12	1 1/16 x 12	D

**711-91**

90° swept tube female concave seat

Part No.	To suit hose	JIC/UNF	Mat
711-9106	-06	9/16 x 18	D
711-9108	-08	3/4 x 16	D
711-9110	-10	7/8 x 14	D
711-9112	-12	1 1/16 x 12	D
711-9116	-16	1 5/16 x 12	D

**711-120**

120° swept tube female concave seat

Part No.	To suit hose	JIC/UNF	Mat
711-12006	-06	9/16 x 18	D
711-12008	-08	3/4 x 16	D
711-12010	-10	7/8 x 14	D
711-12012	-12	1 1/16 x 12	D
711-12016	-16	1 5/16 x 12	D

**711-150**

150° swept tube female concave seat

Part No.	To suit hose	JIC/UNF	Mat
711-15006	-06	9/16 x 18	D
711-15008	-08	3/4 x 16	D
711-15010	-10	7/8 x 14	D
711-15012	-12	1 1/16 x 12	D
711-15016	-16	1 5/16 x 12	D

**711-180**

180° swept tube female concave seat

Part No.	To suit hose	JIC/UNF	Mat
711-18006	-06	9/16 x 18	D
711-18008	-08	3/4 x 16	D
711-18010	-10	7/8 x 14	D
711-18012	-12	1 1/16 x 12	D
711-18016	-16	1 5/16 x 12	D

**711 JIC fittings**

Goodridge 711 series crimp fittings are designed for the G-Line hose range; for both smoothbore and convoluted hose types. Available in both forged and swept body, from straight to 180 degrees bend angle options.

Please see next page for double swivel options

**Fluid applications:**

Fuel, Oil, Water, Methanol & Pneumatics

**Compatible hoses:**

G-Line XF 910 & 811  
G-Flex 711

**Notes:**

Collars must be purchased separately.

## 711 Double Swivel JIC fittings

The 711 series range is available with a double swivel; allowing fittings to be aligned upon installation - no need to align the fitting prior to crimping. Perfect for last minute hose orientation or when adjustments are needed at the track.

7746



Double swivel tale - 45°swept tube female concave seat

Part No.	To suit hose	JIC/UNF	Mat
7746-06	-06	9/16 x 18	D
7746-08	-08	3/4 x 16	D
7746-10	-10	7/8 x 14	D
7746-12	-12	1 1/16 x 12	D
7746-16	-16	1 5/16 x 12	D

7791



Double swivel tale - 90°swept tube female concave seat

Part No.	To suit hose	JIC/UNF	Mat
7791-06	-06	9/16 x 18	D
7791-08	-08	3/4 x 16	D
7791-10	-10	7/8 x 14	D
7791-12	-12	1 1/16 x 12	D
7791-16	-16	1 5/16 x 12	D

77120



Double swivel tale - 120°swept tube female concave seat

Part No.	To suit hose	JIC/UNF	Mat
77120-06	-06	9/16 x 18	D
77120-08	-08	3/4 x 16	D
77120-10	-10	7/8 x 14	D
77120-12	-12	1 1/16 x 12	D
77120-16	-16	1 5/16 x 12	D

77150



150° double swivel

Part No.	To suit hose	JIC/UNF	Mat
77150-06	-06	9/16 x 18	D
77150-08	-08	3/4 x 16	D
77150-10	-10	7/8 x 14	D
77150-12	-12	1 1/16 x 12	D
77150-16	-16	1 5/16 x 12	D

77180



180° double swivel

Part No.	To suit hose	JIC/UNF	Mat
77180-06	-06	9/16 x 18	D
77180-08	-08	3/4 x 16	D
77180-10	-10	7/8 x 14	D
77180-12	-12	1 1/16 x 12	D
77180-16	-16	1 5/16 x 12	D

### Fluid applications:

Fuel, Oil, Water, Methanol & Pneumatics

### Compatible hoses:

G-Line XF 910 & 811  
G-Flex 711

### Notes:

Collars must be purchased separately.

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**711**

Part No.	Mat	Fitting Angle	Tail size	JIC/UNF
711001	D	Straight	-06	-06   9/16 x 18
711031	D	30°	-08	-08   3/4 x 16
711046	D	45°	-10	-10   7/8 x 14
711061	D	60°	-12	-12   1 1/16 x 12
711091	D	90°	-16	-16   1 5/16 x 12
711120	D	120°		
711150	D	150°		
711180	D	180°		

**EXAMPLE:**

Part No.	Tail size	JIC/UNF
711001	-06	-08
<b>PART NO: 711001-06-08</b>		

**711 Male Swivel**  
(Made to order)

**Fluid applications:**  
Fuel, Oil, Water, Methanol  
and Pneumatics

**Compatible hose:**

G-Line XF910 &amp; 811

G-Flex 711

**Notes:**
*Collars must be purchased separately*
**711-01DFL**

## Straight to DFL Wiggins/Hydraflow cup

Part No.	Cup size	Hose/tail size	Mat
711-0108DFL	-08	-08	D
711-0110DFL	-10	-10	D
711-0112DFL	-12	-12	D
711-0116DFL	-16	-16	D

**711-30DFL**

## 30° to DFL Wiggins/Hydraflow cup

Part No.	Cup size	Hose/tail size	Mat
711-3008DFL	-08	-08	D
711-3010DFL	-10	-10	D
711-3012DFL	-12	-12	D
711-3016DFL	-16	-16	D

**711-45DFL**

## 45° to DFL Wiggins/Hydraflow cup

Part No.	Cup size	Hose/tail size	Mat
711-4508DFL	-08	-08	D
711-4510DFL	-10	-10	D
711-4512DFL	-12	-12	D
711-4516DFL	-16	-16	D

**711 Wiggins/  
Hydraflow cup** fittings  
(Made to order)

Ideal for rapid connect/disconnect of flexible hose to a rigid tube, utilising Wiggins/Hydraflow fasteners. Wiggins/Hydraflow cup fittings are available on a 'made to order' basis. Please contact Goodridge or your nearest G-Tech centre for further information.

**Fluid applications:**  
Fuel, Oil, Water, Methanol &  
Pneumatics

**Compatible hoses:**

G-Line XF 910 &amp; 811

G-Flex 711

**Notes:**
*Collars must be purchased separately.*

## 711 Wiggins/ Hydraflow cup fittings (Made to order)

Ideal for rapid connect/disconnect of flexible hose to a rigid tube, utilising Wiggins/Hydraflow fasteners. Wiggins/Hydraflow cup fittings are available on a 'made to order' basis. **Please contact Goodridge or your nearest G-Tech centre for further information.**

**711-60DFL**

60° to DFL Wiggins/Hydraflow cup

Part No.	Cup size	Hose/tail size	Mat
711-6008DFL	-08	-08	D
711-6010DFL	-10	-10	D
711-6012DFL	-12	-12	D
711-6016DFL	-16	-16	D

**711-90DFL**

90° to DFL Wiggins/Hydraflow cup

Part No.	Cup size	Hose/tail size	Mat
711-9008DFL	-08	-08	D
711-9010DFL	-10	-10	D
711-9012DFL	-12	-12	D
711-9016DFL	-16	-16	D

**711-120DFL**

120° to DFL Wiggins/Hydraflow cup

Part No.	Cup size	Hose/tail size	Mat
711-12008DFL	-08	-08	D
711-12010DFL	-10	-10	D
711-12012DFL	-12	-12	D
711-12016DFL	-16	-16	D

For variations in tail/cup size please contact the Goodridge sales team

**711-150DFL**

150° to DFL Wiggins/Hydraflow cup

Part No.	Cup size	Hose/tail size	Mat
711-15008DFL	-08	-08	D
711-15010DFL	-10	-10	D
711-15012DFL	-12	-12	D
711-15016DFL	-16	-16	D

For variations in tail/cup size please contact the Goodridge sales team

### Fluid applications:

Fuel, Oil, Water, Methanol & Pneumatics

### Compatible hoses:

G-Line XF 910 & 811  
G-Flex 711

### Notes:

Collars must be purchased separately.

**711-180DFL**

180° to DFL Wiggins/Hydraflow cup

Part No.	Cup size	Hose/tail size	Mat
711-18008DFL	-08	-08	D
711-18010DFL	-10	-10	D
711-18012DFL	-12	-12	D
711-18016DFL	-16	-16	D

For variations in tail/cup size please contact the Goodridge sales team

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**77**

Part No.	Mat	Fitting Angle	Tail size	Cup size
7731	D	30°	-06	-06 DFL
7746	D	45°	-08	-08 DFL
7761	D	60°	-10	-10 DFL
7791	D	90°	-12	-12 DFL
77120	D	120°	-16	-16 DFL
77150	D	150°		
77180	D	180°		

**EXAMPLE:**

Part No.	Tail size	Cup size
7731	-06	-08

**PART NO: 7731-06-08DFL****731001**

Part No.	Mat	Fitting Angle	Tail size	Plug OD (mm)
731001	D	Straight	-06	-06 14.38
731046	D	45°	-08	-08 15.88
731091	D	90°	-10	-10 22.23
			-12	-12 23.81
			-16	-16 31.75

**731046****731091****EXAMPLE:**

Part No.	Tail size	Plug OD (mm)
731001	-06	-08

**PART NO: 731001-06-08****RCC711****Crimp collar for 711 fittings**

Part No.	To suit hose	Mat
RCC711-06D	-06	D
RCC711-08D	-08	D
RCC711-10D	-10	D
RCC711-12D	-12	D
RCC711-16D	-16	D

## 711Wiggins / Hydraflow Double swivel tail (Made to order)

**Fluid applications:**  
Fuel, Oil, Water, Methanol & Pneumatics

**Compatible hoses:**  
G-Line XF 910 & 811  
G-Flex 711

**Notes:**  
*Collars must be purchased separately.*

## 711 Plug-In fittings (made to order)

**Fluid applications:**  
Fuel, Oil, Water, Methanol & Pneumatics

**Compatible hoses:**  
G-Line XF 910 & 811  
G-Flex 711

**Notes:**  
*Collars must be purchased separately.*

## Crimp collar to suit 711 fittings

Aluminium crimp collar to suit 711 series fittings.

**Compatible fittings:**  
G-Line Ultra 960

**Material:**  
D = Aluminium (Silver)

**Notes:**  
*Only to be used with 960 series fittings*



**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**4001**

Straight female concave seat

Part No.	To suit hose	JIC/UNF	Mat
4001-04D	-04	7/16 x 20	D
4001-04DBK	-04	7/16 x 20	D
4001-06D	-06	9/16 x 18	D
4001-08D	-08	3/4 x 16	D
4001-10D	-10	7/8 x 14	D
4001-12D	-12	1 1/16 x 12	D
4001-16D	-16	1 5/16 x 12	D
4001-20D	-20	1 5/8 x 12	D

**4045**

45° forged female concave seat

Part No.	To suit hose	JIC/UNF	Mat
4045-04D	-04	7/16 x 20	D
4045-04DBK	-04	7/16 x 20	D
4045-06D	-06	9/16 x 18	D
4045-08D	-08	3/4 x 16	D
4045-10D	-10	7/8 x 14	D
4045-12D	-12	1 1/16 x 12	D

**4046**

45° swept tube female concave seat

Part No.	To suit hose	JIC/UNF	Mat
4046-04D	-04	7/16 x 20	D
4046-04DBK	-04	7/16 x 20	D
4046-06D	-06	9/16 x 18	D
4046-08D	-08	3/4 x 16	D
4046-10D	-10	7/8 x 14	D
4046-12D	-12	1 1/16 x 12	D
4046-16D	-16	1 5/16 x 12	D

**4090**

90° forged female concave seat

Part No.	To suit hose	JIC/UNF	Mat
4090-04D	-04	7/16 x 20	D
4090-04DBK	-04	7/16 x 20	D
4090-06D	-06	9/16 x 18	D
4090-08D	-08	3/4 x 16	D
4090-10D	-10	7/8 x 14	D
4090-12D	-12	1 1/16 x 12	D

**4091**

90° swept tube female concave seat

Part No.	To suit hose	JIC/UNF	Mat
4091-04D	-04	7/16 x 20	D
4091-04DBK	-04	7/16 x 20	D
4091-06D	-06	9/16 x 18	D
4091-08D	-08	3/4 x 16	D
4091-10D	-10	7/8 x 14	D
4091-12D	-12	1 1/16 x 12	D
4091-16D	-16	1 5/16 x 12	D

**4000 series****JIC fittings**

Goodridge 4000 series crimp/swage fittings are fully machined from single piece billet aluminium, combining reliability with light weight; available in both forged and swept body, from straight to 180 degrees bend angle options.

**Can be draw swaged or crimped.**

**Fluid applications:**

Fuel, Oil, Water, Methanol & Pneumatics

**Compatible hoses:**

G-Line XF 910 & 811 (Crimp)  
G-Line 710 (Draw swage)

**Material:**

D = Aluminium (Blue)  
DBK = Aluminium (Black)

**Notes:**

Collars must be purchased separately.

## 4000 series

### JIC fittings

Goodridge 4000 series crimp/swage fittings are fully machined from single piece billet aluminium, combining reliability with light weight; available in both forged and swept body, from straight to 180 degrees bend angle options.

**Can be draw swaged or crimped.**

4120



4150



4180



4441



#### Fluid applications:

Fuel, Oil, Water, Methanol & Pneumatics

#### Compatible hoses:

G-Line XF 910 & 811 (Crimp)  
G-Line 710 (Draw swage)

#### Material:

D = Aluminium (Blue)  
DBK = Aluminium (Black)

#### Notes:

Collars must be purchased separately.

#### 120° swept tube female concave seat

Part No.	To suit hose	JIC/UNF	Mat
4120-04D	-04	7/16 x 20	D
4120-04DBK	-04	7/16 x 20	D
4120-06D	-06	9/16 x 18	D
4120-08D	-08	3/4 x 16	D
4120-10D	-10	7/8 x 14	D
4120-12D	-12	1 1/16 x 12	D
4120-16D	-16	1 5/16 x 12	D

#### 150° swept tube female concave seat

Part No.	To suit hose	JIC/UNF	Mat
4150-04D	-04	7/16 x 20	D
4150-06D	-06	9/16 x 18	D
4150-08D	-08	3/4 x 16	D
4150-10D	-10	7/8 x 14	D
4150-12D	-12	1 1/16 x 12	D
4150-16D	-16	1 5/16 x 12	D

#### 180° swept tube female concave seat

Part No.	To suit hose	JIC/UNF	Mat
4180-04D	-04	7/16 x 20	D
4180-06D	-06	9/16 x 18	D
4180-08D	-08	3/4 x 16	D
4180-10D	-10	7/8 x 14	D
4180-12D	-12	1 1/16 x 12	D
4180-16D	-16	1 5/16 x 12	D

#### Straight male convex seat

Part No.	To suit hose	JIC/UNF	Mat
4441-04D	-04	7/16 x 20	D
4441-06D	-06	9/16 x 18	D
4441-08D	-08	3/4 x 16	D
4441-10D	-10	7/8 x 14	D

40776



#### Banjo straight

Part No.	To suit hose	Hole size	Mat
40776-04-M10D	-04	M10 x 1,5	D
40776-06-M12D	-06	M12 x 1,5	D
40776-06-M14D	-06	M14 x 1,5	D
40776-06-M16D	-06	M16 x 1,5	D

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**4445**

45° swivel forged female concave seat

Part No.	To suit hose	JIC/UNF	Mat
4445-04D	-04	7/16 x 20	D
4445-06D	-06	9/16 x 18	D
4445-08D	-08	3/4 x 16	D
4445-10D	-10	7/8 x 14	D
4445-12D	-12	1 1/16 x 12	D

**4446**

45° swivel swept tube female concave seat

Part No.	To suit hose	JIC/UNF	Mat
4446-04D	-04	7/16 x 20	D
4446-06D	-06	9/16 x 18	D
4446-08D	-08	3/4 x 16	D
4446-10D	-10	7/8 x 14	D
4446-12D	-12	1 1/16 x 12	D
4446-16D	-16	1 5/16 x 12	D

**4490**

90° swivel forged female concave seat

Part No.	To suit hose	JIC/UNF	Mat
4490-04D	-04	7/16 x 20	D
4490-06D	-06	9/16 x 18	D
4490-08D	-08	3/4 x 16	D
4490-10D	-10	7/8 x 14	D
4490-12D	-12	1 1/16 x 12	D

**4491**

90° swivel swept tube female concave seat

Part No.	To suit hose	JIC/UNF	Mat
4491-04D	-04	7/16 x 20	D
4491-06D	-06	9/16 x 18	D
4491-08D	-08	3/4 x 16	D
4491-10D	-10	7/8 x 14	D
4491-12D	-12	1 1/16 x 12	D
4491-16D	-16	1 5/16 x 12	D

**44120**

120° swivel swept tube female concave seat

Part No.	To suit hose	JIC/UNF	Mat
44120-04D	-04	7/16 x 20	D
44120-06D	-06	9/16 x 18	D
44120-08D	-08	3/4 x 16	D
44120-10D	-10	7/8 x 14	D
44120-12D	-12	1 1/16 x 12	D
44120-16D	-16	1 5/16 x 12	D

**4400 series Double Swivel JIC fittings**

The 4400 series range features a double swivel, allowing fittings to be aligned upon installation - no need to align the fitting prior to crimping or draw swaging. Perfect for last minute hose orientation or when adjustments are needed at the track. Can be draw swaged or crimped.

**Fluid applications:**

Fuel, Oil, Water, Methanol &amp; Pneumatics

**Compatible hoses:**G-Line XF 910 & 811 (Crimp)  
G-Line 710 (Draw swage)**Material:**D = Aluminium (Blue)  
DBK = Aluminium (Black)**Notes:**

Collars must be purchased separately.

## 4400 series Double Swivel JIC fittings

The 4400 series range features a double swivel, allowing fittings to be aligned upon installation - no need to align the fitting prior to crimping or draw swaging. Perfect for last minute hose orientation or when adjustments are needed at the track.

**Fluid applications:**

Fuel, Oil, Water, Methanol & Pneumatics

**Compatible hoses:**

G-Line XF 910 & 811 (Crimp)  
G-Line 710 (Draw swage)

**Notes:**

*Collars must be purchased separately.*

**44150**

150° swivel swept tube female concave seat

Part No.	To suit hose	JIC/UNF	Mat
44150-04D	-04	7/16 x 20	D
44150-06D	-06	9/16 x 18	D
44150-08D	-08	3/4 x 16	D
44150-10D	-10	7/8 x 14	D
44150-12D	-12	1 1/16 x 12	D

**44180**

180° swivel swept tube female concave seat

Part No.	To suit hose	JIC/UNF	Mat
44180-04D	-04	7/16 x 20	D
44180-06D	-06	9/16 x 18	D
44180-08D	-08	3/4 x 16	D
44180-10D	-10	7/8 x 14	D
44180-12D	-12	1 1/16 x 12	D

## 4000 series Wiggins/Hydraflow cup fittings (Made to order)

Ideal for rapid connect/disconnect of flexible hose to a rigid tube, utilising Adel Wiggins/Hydraflow fasteners. Wiggins cup fittings are available on a 'made to order' basis. **Can be draw swaged or crimped.**

Please contact Goodridge or your nearest G-Tech centre for further information.

**4001DFL**

Straight to DFL Wiggins/Hydraflow cup

Part No.	Cup size	Hose/tale size	Mat
4001-08-08DFL	-08	-08	D
4001-10-10DFL	-10	-10	D
4001-12-12DFL	-12	-12	D
4001-16-16DFL	-16	-16	D

**4046DFL**

45° to DFL Wiggins/Hydraflow cup

Part No.	Cup size	Hose/tale size	Mat
4046-08-08DFL	-08	-08	D
4046-10-10DFL	-10	-10	D
4046-12-12DFL	-12	-12	D
4046-16-16DFL	-16	-16	D

**4091DFL**

90° to DFL Wiggins/Hydraflow cup

Part No.	Cup size	Hose/tale size	Mat
4091-08-08DFL	-08	-08	D
4091-10-10DFL	-10	-10	D
4091-12-12DFL	-12	-12	D
4091-16-16DFL	-16	-16	D

**Fluid applications:**

Fuel, Oil, Water, Methanol & Pneumatics

**Compatible hoses:**

G-Line XF 910 & 811 (Crimp)  
G-Line 710 (Draw swage)

**Notes:**

*Collars must be purchased separately.*

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**4120DFL**

120° to DFL Wiggins/Hydraflow cup

Part No.	Cup size	Hose/tale size	Mat
4120-08-08DFL	-08	-08	D
4120-10-10DFL	-10	-10	D
4120-12-12DFL	-12	-12	D
4120-16-16DFL	-16	-16	D

**4150DFL**

150° to DFL Wiggins/Hydraflow cup

Part No.	Cup size	Hose/tale size	Mat
4150-08-08DFL	-08	-08	D
4150-10-10DFL	-10	-10	D
4150-12-12DFL	-12	-12	D
4150-16-16DFL	-16	-16	D

**4180DFL**

180° to DFL Wiggins/Hydraflow cup

PART NO.	Cup size	Hose/tale size	Mat
4180-08-08DFL	-08	-08	D
4180-10-10DFL	-10	-10	D
4180-12-12DFL	-12	-12	D
4180-16-16DFL	-16	-16	D

**RC110**Draw swage collar to suit 4000 series fittings  
(For use with 710 hose)

PART NO.	Dash	Mat
RC110-04D	-04	D
RC110-06D	-06	D
RC110-08D	-08	D
RC110-10D	-10	D
RC110-12D	-12	D
RC110-16D	-16	D
RC110-20D	-20	D

**RCC910**Crimp collar to suit 4000 series fittings  
(For use with 910/811 hose)

PART NO.	Dash	Mat
RCC910-04D	-04	D
RCC910-06D	-06	D
RCC910-08D	-08	D
RCC910-10D	-10	D
RCC910-12D	-12	D
RCC910-16D	-16	D
RCC910-20D	-20	D

**4000 series Wiggins/  
Hydraflow cup fittings  
(Made to order)**

Ideal for rapid connect/disconnect of flexible hose to a rigid tube, utilising Adel Wiggins/Hydraflow fasteners. Wiggins cup fittings are available on a 'made to order' basis. **Can be draw swaged or crimped.**

Please contact Goodridge or your nearest G-Tech centre for further information.

**Fluid applications:**

Fuel, Oil, Water, Methanol & Pneumatics

**Compatible hoses:**

G-Line XF 910 & 811 (Crimp)  
G-Line 710 (Draw swage)

**Notes:**

Collars must be purchased separately

**Crimp/Swage collars****RC110 – Draw swage collar:**

Compatible with 4000 series fittings and 710 hose.

**RCC910 – Crimp collar:**

Compatible with 4000 series fittings and G-Line XF-910 and XF-811 hose.

**Please see hose guide on page 37**

**Material:**

RCC110 D = Aluminium (Gold)

RCC910 D = Aluminium (Silver)

**Notes:**

Collars must be purchased separately.

**811 JIC fittings**

Goodridge 811 series patented reusable fittings are designed for the G-Line XF-910 and XF-811 hoses. The 811 reusable fittings range can be assembled using basic hand tools.

**Available in both forged and swept body, from straight to 180 degrees bend angle options.**

**811-01**

Straight female

Part No.	To suit hose	JIC/UNF	Mat
811-0104	-04	7/16 x 20	D
811-0106	-06	9/16 x 18	D
811-0108	-08	3/4 x 16	D
811-0110	-10	7/8 x 14	D
811-0112	-12	1 1/16 x 12	D
811-0116	-16	1 5/16 x 12	D

**812-45**

45° forged female

Part No.	To suit hose	JIC/UNF	Mat
812-4506	-06	9/16 x 18	D
812-4508	-08	3/4 x 16	D
812-4510	-10	7/8 x 14	D

**811-45**

45° swept tube female

Part No.	To suit hose	JIC/UNF	Mat
811-4504	-04	7/16 x 20	D
811-4506	-06	9/16 x 18	D
811-4508	-08	3/4 x 16	D
811-4510	-10	7/8 x 14	D
811-4512	-12	1 1/16 x 12	D
811-4516	-16	1 5/16 x 12	D

**812-90**

90° forged female

Part No.	To suit hose	JIC/UNF	Mat
812-9006	-06	9/16 x 18	D
812-9008	-08	3/4 x 16	D
812-9010	-10	7/8 x 14	D
812-9012	-12	1 1/16 x 12	D

**811-90**

90° swept tube female

Part No.	To suit hose	JIC/UNF	Mat
811-9004	-04	7/16 x 20	D
811-9006	-06	9/16 x 18	D
811-9008	-08	3/4 x 16	D
811-9010	-10	7/8 x 14	D
811-9012	-12	1 1/16 x 12	D
811-9016	-16	1 5/16 x 12	D

**Fluid applications:**

Fuel, Oil, Water, Methanol & Pneumatics

**Compatible hoses:**

G-Line XF 910 & 811

**Notes:**

Reusable

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**811-120****120° swept tube female**

Part No.	To suit hose	JIC/UNF	Mat
811-12004	-04	7/16 x 20	D
811-12006	-06	9/16 x 18	D
811-12008	-08	3/4 x 16	D
811-12010	-10	7/8 x 14	D
811-12012	-12	1 1/16 x 12	D
811-12016	-16	1 5/16 x 12	D

**811-150****150° swept tube female**

Part No.	To suit hose	JIC/UNF	Mat
811-15004	-04	7/16 x 20	D
811-15006	-06	9/16 x 18	D
811-15008	-08	3/4 x 16	D
811-15010	-10	7/8 x 14	D
811-15012	-12	1 1/16 x 12	D
811-15016	-16	1 5/16 x 12	D

**811-180****180° swept tube female**

Part No.	To suit hose	JIC/UNF	Mat
811-18004	-04	7/16 x 20	D
811-18006	-06	9/16 x 18	D
811-18008	-08	3/4 x 16	D
811-18010	-10	7/8 x 14	D
811-18012	-12	1 1/16 x 12	D
811-18016	-16	1 5/16 x 12	D

**811 JIC fittings**

Goodridge 811 series patented reusable fittings are designed for the G-Line XF-910 and XF-811 hoses. The 811 reusable fittings range can be assembled using basic hand tools.

**Available in both forged and swept body, from straight to 180 degrees bend angle options.**

**Fluid applications:**

Fuel, Oil, Water, Methanol & Pneumatics

**Compatible hoses:**

G-Line XF 910 & 811

**Notes:**

Reusable

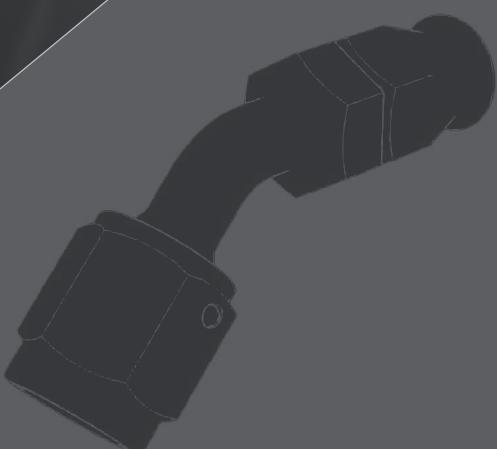
**G-Line** hose and fitting compatibility chart

FITTING TYPE	HOSE TYPE			
	910	811	710	711
711 Machined Crimp Fittings			N/A	
811 Reusable Fittings			N/A	N/A
4000 Swage/Crimp Fittings			*	

\*Collar RC110 required, draw swage only

**GOODRIDGE**

[www.goodridge.com](http://www.goodridge.com)



# 03

600 AND 700  
SMOOTHBORE  
HOSE AND FITTINGS

**GOODRIDGE**

## 600 and 700K smoothbore series

The 600 series hose range is a PTFE lined hose, wrapped in a stainless steel braid; designed for brake, clutch, fuel, oil, water, dampers, power steering, gear shift and active differential applications. Available in AN-02 and AN-03.

AN-04, AN-06 & AN-08 bore sizes are available in medium pressure and high pressure variants.

The 700 series hose range is a motorsport use only PTFE lined light weight equivalent to the 600 series, wrapped in an Aramid fibre braid; designed for use with brake, clutch, pressure gauge, fuel injection, fire extinguisher, nitrous & hydraulics.

Available in AN-03 and AN-04.

Current 600/700 series customers include teams competing in F1, INDYCAR, WEC, NASCAR, WRC, GT, BTCC, WTCR and club level motorsports.

### Benefits:

- Light weight (700 series)
- Uninterrupted flow
- Burst pressure up to 19580 PSI / 1350 BAR (600-02)
- Temperature resistance from -70°C / -94°F to 260°C / 500°F (600 series)
- Bend radius to 13mm (600-02)

### Features:

- Smooth bore
- PTFE lined
- Stainless steel braided (600 series) /Aramid fibre braided (700 series)
- Compatible with crimp and reusable fittings  
(700K series and 600HP are crimp only)

## Which hose do I need?

600 and 700 hose comparison chart:

Hose range	Brakes	Clutch	Fuel	Oil	Water	Dampers	Power Steering	Gear Shift	Active Differential
600 Series	X	X							
700 Series	X*	X*							
600MP (AN-04 – AN-08)			X	X	X	X			
600HP (AN-04 – AN-08)							X	X	X

\*Motorsport use only

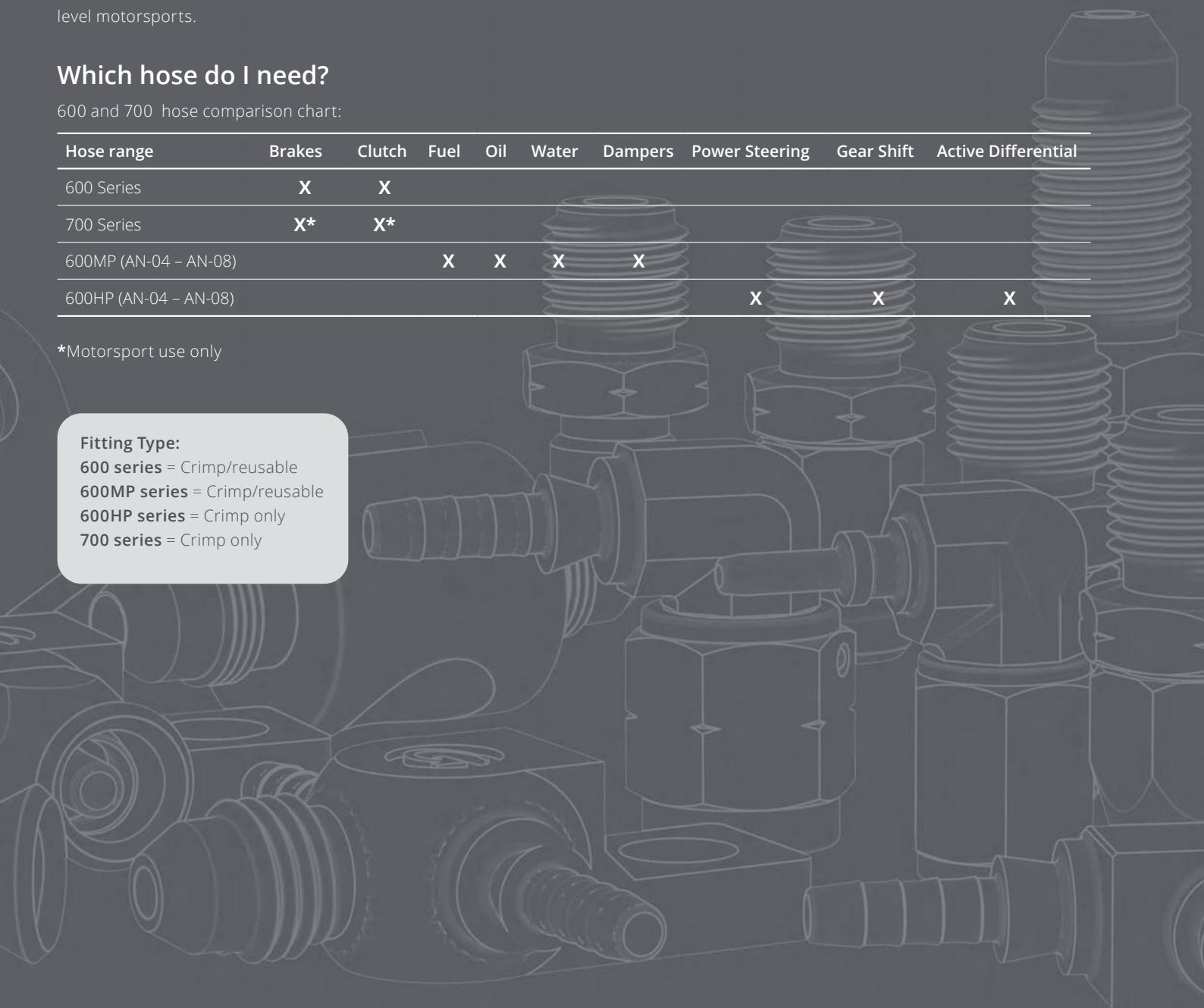
### Fitting Type:

**600 series** = Crimp/reusable

**600MP series** = Crimp/reusable

**600HP series** = Crimp only

**700 series** = Crimp only



**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**Fluid applications:**

Brake, Clutch &amp; Hydraulics

**Fitting Type:**

Crimp / Reusable

**Compatible fittings:**

600 series

**600 HOSE SERIES (AN02 & AN03)**

The 600 series hose range is a PTFE lined hose, wrapped in a Stainless-Steel braid; designed for brake and clutch applications.

(AN-04, AN-06 & AN-08 600 series hoses and fittings are available in Medium Pressure and High Pressure variants.)

The PTFE liner is braided with Stainless Steel, to provide consistent brake and clutch pedal/lever feel, eliminating any sponginess that may be found with the equivalent rubber hose. There is an option for the Stainless-Steel braid to be wrapped in an abrasive resistant covering that can be wiped clean.

Compatible with reusable and crimp fittings. (Specialist equipment required).



*Data in this table is for the hose only*

Part No.	Dash Size	Max Bore Size mm / inches	Cover Material	Outer Diameter mm / inches	Cover OD mm / inches	PTFE Wall mm / inches	Cover Wall mm / inches	Working Press Bar / Psi	Burst Pres Bar / Psi	Weight Kg / Lb/Ft	Min Bend Rad mm / inches	Temp Range °C / °F
*600-02	-02	2,03 (0,080)	Steel (bare)	5,08 (0,200)	-	1 (0,039)	-	450 (6525)	1350 (19580)	0,045 (0,03)	13 (0,51)	-70/+260 (-94/+500)
*600-03	-03	3,5 (0,138)	Steel (bare)	6,40 (0,252)	-	1 (0,039)	-	290 (4205)	870 (12618)	0,06 (0,04)	38 (1,50)	-70/+260 (+94/+500)
600-03BK	-03	3,5 (0,138)	Black	6,40 (0,252)	7,5 (0,295)	1 (0,039)	0,5 (0,019)	290 (4205)	870 (12618)	0,088 (0,0592)	38 (1,50)	-10/+60 (+14/+140)
600-03CB	-03	3,5 (0,138)	Carbon	6,40 (0,252)	7,5 (0,295)	1 (0,039)	0,5 (0,019)	290 (4205)	870 (12618)	0,088 (0,0592)	38 (1,50)	-10/+60 (+14/+140)
600-03CL	-03	3,5 (0,138)	Clear	6,40 (0,252)	7,5 (0,295)	1 (0,039)	0,5 (0,019)	290 (4205)	870 (12618)	0,088 (0,0592)	38 (1,50)	-10/+60 (+14/+140)
600-03EB	-03	3,5 (0,138)	Electric blue	6,40 (0,252)	7,5 (0,295)	1 (0,039)	0,5 (0,019)	290 (4205)	870 (12618)	0,088 (0,0592)	38 (1,50)	-10/+60 (+14/+140)
600-03GD	-03	3,5 (0,138)	Gold	6,40 (0,252)	7,5 (0,295)	1 (0,039)	0,5 (0,019)	290 (4205)	870 (12618)	0,088 (0,0592)	38 (1,50)	-10/+60 (+14/+140)
600-03LG	-03	3,5 (0,138)	Light green	6,40 (0,252)	7,5 (0,295)	1 (0,039)	0,5 (0,019)	290 (4205)	870 (12618)	0,088 (0,0592)	38 (1,50)	-10/+60 (+14/+140)
600-03OR	-03	3,5 (0,138)	Orange	6,40 (0,252)	7,5 (0,295)	1 (0,039)	0,5 (0,019)	290 (4205)	870 (12618)	0,088 (0,0592)	38 (1,50)	-10/+60 (+14/+140)
600-03PK	-03	3,5 (0,138)	Pink	6,40 (0,252)	7,5 (0,295)	1 (0,039)	0,5 (0,019)	290 (4205)	870 (12618)	0,088 (0,0592)	38 (1,50)	-10/+60 (+14/+140)
600-03RD	-03	3,5 (0,138)	Red	6,40 (0,252)	7,5 (0,295)	1 (0,039)	0,5 (0,019)	290 (4205)	870 (12618)	0,088 (0,0592)	38 (1,50)	-10/+60 (+14/+140)
600-03VB	-03	3,5 (0,138)	Vintage black	6,40 (0,252)	7,7 (0,295)	1 (0,039)	0,5 (0,019)	290 (4205)	870 (12618)	0,088 (0,0592)	38 (1,50)	-40/+125 (-40/+257)
600-03WT	-03	3,5 (0,138)	White	6,40 (0,252)	7,5 (0,295)	1 (0,039)	0,5 (0,019)	290 (4205)	870 (12618)	0,088 (0,0592)	38 (1,50)	-10/+60 (+14/+140)
600-03YE	-03	3,5 (0,138)	Yellow	6,40 (0,252)	7,5 (0,295)	1 (0,039)	0,5 (0,019)	290 (4205)	870 (12618)	0,088 (0,0592)	38 (1,50)	-10/+60 (+14/+140)

**\*Note:** Temperature affects maximum working pressure as listed; for temps above 130°C reduce the working pressure by 0.75% for each degree above 130°C. Max 260°C.



**Fluid applications:**

*Brake, Clutch, Pressure Gauge, Fuel Injection, Fire extinguisher, Nitrous, Pneumatics & Hydraulics.*

**Fitting Type:**

*Crimp*

**Compatible fittings:**

*600 series*

**700K HOSE SERIES (AN03)**

The 700 series hose range is a PTFE lined light weight equivalent to the 600 series, wrapped in an Aramid fibre braid. Motorsport use only.

Applications include brake, clutch, fuel injection, fire extinguisher, nitrous, pressure gauge and hydraulics.

The PTFE liner is braided in light weight Aramid fibre, providing consistent brake and clutch pedal/lever feel (When used for brake/clutch applications), whilst eliminating any sponginess that may be found with the equivalent rubber hose.

Compatible with crimp fittings. (Specialist equipment required).



*Data in this table is for the hose only*

Part No.	Dash Size	Max Bore Size mm / inches	Cover Material	Outer Diameter mm / inches	Cover OD mm / inches	PTFE Wall mm / inches	Cover Wall mm / inches	Working Press Bar / Psi	Burst Pres Bar / Psi	Weight Kg/M / Lb/Ft	Min Bend Rad mm / inches	Temp Range °C / °F
700K-03	-03	3,5 (0,138)	-	6,7 (0,264)	-	1,0 (0,039)	-	200 (2900)	600 (8702)	0,059 (0,04)	38 (1,50)	-45/+170 (-49/+338)
700K-03BK	-03	3,5 (0,138)	Black PVC	8,1 (0,320)	8,1 (0,320)	1,0 (0,039)	0,5 (0,019)	200 (2900)	600 (8702)	0,059 (0,04)	38 (1,50)	-20/+85 (-4/+185)

**Note:** Temperature affects maximum working pressure as listed; for temps above 130°C reduce the working pressure by 0.75% for each degree above 130°C. Max 185°C.



All crimped hose assemblies must be assembled by trained Goodridge personnel.  
Please contact Goodridge directly or find an approved Goodridge G-Tech centre at  
[www.goodridge.com/distributors](http://www.goodridge.com/distributors)

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**440**

Straight male concave seat

Part No.	To suit hose	JIC/UNF	Mat	Note
440-03C	-03	3/8 x 24	C	-
440-03CH	-03	3/8 x 24	CH	-
440-03P	-03	3/8 x 24	P	-

**441**

Straight male convex seat

Part No.	To suit hose	JIC/UNF	Mat	Note
441-03C	-03	3/8 x 24	C	-
441-03CH	-03	3/8 x 24	CH	-
441-03P	-03	3/8 x 24	P	-

**443**

Straight male bulkhead

Part No.	To suit hose	JIC/UNF	Mat	Note
443-03C	-03	3/8 x 24	C	-
443-03CH	-03	3/8 x 24	CH	-
443-03P	-03	3/8 x 24	P	-

**443BNP**

Straight male bulkhead bleed nipple

Part No.	To suit hose	JIC/UNF	Mat	Note
443-03BNP	-03	3/8 x 24	P	<u>Use locknut part no .924</u>

**6001**

Straight female concave seat

Part No.	To suit hose	JIC/UNF	Mat	Note
6001-02-03C	-02	3/8 x 24	C	for -02 hose
6001-02C	-02	5/16 x 24	C	-
6001-03-04C	-03	7/16 x 20	C	for -03 hose
6001-03C	-03	3/8 x 24	C	-
6001-03CH	-03	3/8 x 24	CH	-
6001-03D	-03	3/8 x 24	D	-
6001-03P	-03	3/8 x 24	P	-



Please see assembly instructions in the 'Assembly instructions and Technical Information' section at the back of the catalogue.

## 600 series JIC/UNF reusable fittings (AN-02, AN-03)

The following 600 series reusable fittings are compatible with 600 series AN-02 & AN-03 bore size hoses.

**The body seals to the hose using an olive and socket, as per diagram below.**

**Olives and sockets are available to purchase separately.**

**Fitting type:**

Reusable

**Applications:**

Brake &amp; Clutch

**Compatible hose:**

600 series (AN-02, AN-03)

**Material:**

CH, C, D, P, Z1

**Colours available:**

D = Red &amp; Blue anodised aluminium.

**Example part no:**

6001-03P = Zinc plated carbon steel

## 600 series JIC/UNF reusable fittings (AN-02, AN-03)

The following 600 series reusable fittings are compatible with 600 series AN-02 & AN-03 bore size hoses.

**The body seals to the hose using an olive and socket, as per diagram below.**

**Olives and sockets are available to purchase separately.**



**Fitting type:**  
Reusable

**Applications:**  
Brake & Clutch

**Compatible hose:**  
600 series (AN-02, AN-03)

**Material:**  
CH, C, D, P, Z1

**Colours available:**  
*D = Red & Blue anodised aluminium.*

**Example part no:**  
6001-03P = Zinc plated carbon steel

**6046**

45° swept tube female concave seat

Part No.	To suit hose	JIC/UNF	Mat	Note
6046-03C	-03	3/8 x 24	C	-
6046-03CH	-03	3/8 x 24	CH	-
6046-03D	-03	3/8 x 24	D	-
6046-03P	-03	3/8 x 24	P	-

**6045**

45° forged female concave seat

Part No.	To suit hose	JIC/UNF	Mat	Note
6045-02-03C	-02	3/8 x 24	C	for -02 hose
6045-03C	-03	3/8 x 24	C	-
6045-03D	-03	3/8 x 24	D	-
6045-03P	-03	3/8 x 24	P	-

**6645**

45° forged female double swivel concave seat

Part No.	To suit hose	JIC/UNF	Mat	Note
6645-03C	-03	3/8 x 24	C	-

**6091**

90° swept tube female concave seat

Part No.	To suit hose	JIC/UNF	Mat	Note
6091-03C	-03	3/8 x 24	C	-
6091-03CH	-03	3/8 x 24	CH	-
6091-03D	-03	3/8 x 24	D	-
6091-03P	-03	3/8 x 24	P	-

**6090**

90° forged female concave seat

Part No.	To suit hose	JIC/UNF	Mat	Note
6090-02-03C	-02	3/8 x 24	C	for -02 hose
6090-02C	-02	5/16 x 24	C	-
6090-03C	-03	3/8 x 24	C	-
6090-03D	-03	3/8 x 24	D	-
6090-03P	-03	3/8 x 24	P	-

**6690**

90° forged female double swivel concave seat

Part No.	To suit hose	JIC/UNF	Mat	Note
6690-03C	-03	3/8 x 24	C	-
6690-03P	-03	3/8 x 24	P	-

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**704**

Fixed female bulkhead convex seat

Part No.	To suit hose	JIC/UNF	Mat	Note
704-03P	-03	3/8 x 24	P	Use locknut part no 2k8686

**746**

Fixed female bulkhead concave seat

Part No.	To suit hose	JIC/UNF	Mat	Note
746-03P	-03	3/8 x 20BSF (inner)	P	Use locknut part no 2k8686

**756**

Fixed female bulkhead convex seat

Part No.	To suit hose	JIC/UNF	Mat	Note
756-03P	-03	3/8 x 24	P	

**758**Fixed female bulkhead concave seat circlip  
groove

Part No.	To suit hose	JIC/UNF	Mat	Note
758-03-03P	-03	3/8 x 24	P	

**759**Fixed female bulkhead convex seat circlip  
groove

Part No.	To suit hose	JIC/UNF	Mat	Note
759-03-03P	-03	3/8 x 24	P	-



Please see assembly instructions in the 'Assembly instructions and Technical Information' section at the back of the catalogue.

## 600 series JIC/UNF reusable fittings (AN-02, AN-03)

The following 600 series reusable fittings are compatible with 600 series AN-02 & AN-03 bore size hoses.

**The body seals to the hose using an olive and socket, as per diagram below.**

**Olives and sockets are available to purchase separately.**

**Fitting type:**

Reusable

**Applications:**

Brake &amp; Clutch

**Compatible hose:**

600 series (AN-02, AN-03)

**Material:**

CH, C, D, P, Z1

**Colours available:**

D = Red &amp; Blue anodised aluminium.

**Example part no:**

6001-03P = Zinc plated carbon steel

## 600 series metric reusable fittings (AN-03)

The following 600 series reusable fittings are compatible with 600 series AN-03 bore size hoses.

**The body seals to the hose using an olive and socket, as per diagram below.**

Olives and sockets are available to purchase separately.



### Fitting type:

Reusable

### Applications:

Brake & Clutch

### Compatible hose:

600 series (AN-03)

### Material:

CH, C, D, P, Z1

### Example part no:

442-31P = Zinc plated carbon steel

**442**



Straight male concave seat

Part No.	To suit hose	Thread	Mat	Note
442-31C	-03	M10 x 1,00	C	-
442-31CH	-03	M10 x 1,00	CH	-
442-31D	-03	M10 x 1,00	D	-
442-31LP	-03	M10 x 1,00	P Long thread	-
442-31P	-03	M10 x 1,00	P	-
442-32P	-03	M10 x 1,25	P	-

**444**



Straight male concave bulkhead

Part No.	To suit hose	Thread	Mat	Note
444-31P	-03	M10 x 1,00	P	-

**445**



Straight male convex seat

Part No.	To suit hose	Thread	Mat	Note
445-31C	-03	M10 x 1,00	C	-
445-31CH	-03	M10 x 1,00	CH	-
445-31P	-03	M10 x 1,00	P	-
445-32P	-03	M10 x 1,25	P	-

**446**



Convex metric seat bulkhead

Part No.	To suit hose	Thread	Mat	Note
446-31C	-03	M10 x 1,00	C	-
446-31P	-03	M10 x 1,00	P	-
446-32P	-03	M10 x 1,25	P	-

**448**



Straight male flat seat

Part No.	To suit hose	Thread	Mat	Note
448-31P	-03	M10 x 1,00	P	-



Please see assembly instructions in the 'Assembly instructions and Technical Information' section at the back of the catalogue.

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**492**

Banjo bolt hose connectors

Part No.	To suit hose	Thread	Mat	Note
492-31P	-03	M10 x 1,00	P	-

**451**

Straight female concave metric seat

Part No.	To suit hose	Thread	Mat	Note
451-31C	-03	M10 x 1,00	C	-
451-31P	-03	M10 x 1,00	P	-

**452**

Straight female convex metric seat

Part No.	To suit hose	Thread	Mat	Note
452-31C	-03	M10 x 1,00	C	-
452-31P	-03	M10 x 1,00	P	-

**6001VW**

Straight fixed female concave metric seat (vw/audi)

Part No.	To suit hose	Thread	Mat	Note
6001-31CVW	-03	M10 x 1,00	C	VW/Audi
6001-32Z1VW	-03	M10 x 1,25	Z1	VW/Audi

**6645**

45° forged female double swivel concave seat

Part No.	To suit hose	Thread	Mat	Note
6645-31C	-03	M10 x 1,00	C	-

**6690**

90° forged female double swivel concave seat

Part No.	To suit hose	Thread	Mat	Note
6690-31C	-03	M10 x 1,00	C	-

**600 series metric reusable fittings (AN-03)**

The following 600 series reusable fittings are compatible with 600 series AN-03 bore size hoses.

**The body seals to the hose using an olive and socket, as per diagram below.**

Olives and sockets are available to purchase separately.


**Fitting type:**  
Reusable

**Applications:**  
Brake & Clutch

**Compatible hose:**  
600 series (AN-03)

**Material:**  
CH, C, D, P, Z1

**Example part no:**  
442-31P = Zinc plated carbon steel

## 600 series Metric reusable fittings (AN-03)

The following 600 series reusable fittings are compatible with 600 series AN-03 bore size hoses.

**The body seals to the hose using an olive and socket, as per diagram below.**

Olives and sockets are available to purchase separately.



**Fitting type:**  
Reusable

**Applications:**  
Brake & Clutch

**Compatible hose:**  
600 series (AN-03)

**Material:**  
CH, C, D, P, Z1

**Example part no:**  
442-31P = Zinc plated carbon steel

749



Fixed female bulkhead concave metric seat

Part No.	To suit hose	Thread	Mat	Note
749-03-31P	-03	M10 x 1,00	P	Use locknut part no 2k8686
749-03-32P	-03	M10 x 1,25	P	Use locknut part no 2k8686

750



Fixed female bulkhead convex metric seat

Part No.	To suit hose	Thread	Mat	Note
750-03-31P	-03	M10 x 1,00	P	Use locknut part no 2k8686
750-03-32P	-03	M10 x 1,25	P	Use locknut part no 2k8686

754



Fixed female bulkhead convex metric seat w/circlip groove

Part No.	To suit hose	Thread	Mat	Note
754-03-31P	-03	M10 x 1,00	P	17 mm hex - Subaru

755



Fixed female bulkhead convex metric seat w/circlip groove

Part No.	To suit hose	Thread	Mat	Note
755-03-31P	-03	M10 x 1,00	P	19 mm hex

756



Fixed female bulkhead concave metric seat w/circlip groove

Part No.	To suit hose	Thread	Mat	Note
756-03-31P	-03	M10 x 1,00	P	19 mm hex

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**757**

Fixed female bulkhead convex metric seat w/circlip groove

Part No.	To suit hose	Thread	Mat	Note
757-03-31P	-03	M10 x 1,00	P	17 mm hex - Toyota

**758**

Fixed female bulkhead concave metric seat w/circlip groove

Part No.	To suit hose	Thread	Mat	Note
758-03-31P	-03	M10 x 1,00	P	-
758-03-31SP	-03	M10 x 1,00	P	17 mm hex
758-03-32P	-03	M10 x 1,25	P	-

**759**

Fixed female bulkhead convex metric seat w/circlip groove

Part No.	To suit hose	Thread	Mat	Note
759-03-31P	-03	M10 x 1,00	P	-
759-03-31SP	-03	M10 x 1,00	P	17 mm hex
759-03-32CH	-03	M10 x 1,25	CH	-
759-03-32P	-03	M10 x 1,25	P	-



Please see assembly instructions in the 'Assembly instructions and Technical Information' section at the back of the catalogue.

**600 series Metric reusable fittings (AN-03)**

The following 600 series reusable fittings are compatible with 600 series AN-03 bore size hoses.

The body seals to the hose using an olive and socket, as per diagram below.

Olives and sockets are available to purchase separately.

**Fitting type:**

Reusable

**Applications:**

Brake &amp; Clutch

**Compatible hose:**

600 series (AN-03)

**Material:**

CH, C, D, P, Z1

**Example part no:**

442-31P = Zinc plated carbon steel

## 600 series BSP reusable fittings (AN-03)

The following 600 series reusable fittings are compatible with 600 series AN-03 bore size hoses.

(AN-04MP reusable fittings for use with AN-04MP hose can be found in the MP section)

**The body seals to the hose using an olive and socket, as per diagram below.**

**Olives and sockets are available to purchase separately.**



**Fitting type:**  
Reusable

**Applications:**  
Brake & Clutch

**Compatible hose:**  
600 series (AN-03)

**Material:**  
CH, C, P, Z1

**Example part no:**  
321-03P = Zinc plated carbon steel

321



Straight female

Part No.	To suit hose	Thread	Mat	Note
321-03CH	-03	BSP 1/8"	CH	-
321-03P	-03	BSP 1/8"	P	-

321SM



Straight female to suit Smith pressure gauge

Part No.	To suit hose	Thread	Mat	Note
321-03SMP	-03	BSP 1/8"	P	Flat face requires gasket

323



Straight male

Part No.	To suit hose	Thread	Mat	Note
323-03P	-03	BSP 1/8"	P	-

331



45° swept tube female

Part No.	To suit hose	Thread	Mat	Note
331-03P	-03	BSP 1/8"	P	-

332



90° swept tube female

Part No.	To suit hose	Thread	Mat	Note
332-03P	-03	BSP 1/8"	P	-

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**5091**

Straight banjo

Part No.	To suit hose	Hole size	Mat	Note
5091-03-04C	-03	7/16" (11,2 mm)	C	-
5091-03-04CH	-03	7/16" (11,2 mm)	CH	-
5091-03-04P	-03	7/16" (11,2 mm)	P	-
5091-03C	-03	3/8" (10 mm)	C	-
5091-03CH	-03	3/8" (10 mm)	CH	-
5091-03D	-03	3/8" (10 mm)	D	-
5091-03P	-03	3/8" (10 mm)	P	-

**5092**

Straight banjo extended neck

Part No.	To suit hose	Hole size	Mat	Note
5092-02-03C	-02	3/8" (10 mm)	C	-
5092-02C	-02	5/16" (8 mm)	C	-
5092-03-02C	-03	5/16" (8 mm)	C	-
5092-03-02P	-03	5/16" (8 mm)	P	-
5092-03-04C	-03	7/16" (11,2 mm)	C	-
5092-03-04CH	-03	7/16" (11,2 mm)	CH	-
5092-03-04P	-03	7/16" (11,2 mm)	P	-
5092-03-M12P	-03	12 mm	P	-
5092-03-M12C	-03	12 mm	C	-
5092-03-M12CH	-03	12 mm	CH	-
5092-03C	-03	3/8" (10 mm)	C	-
5092-03CH	-03	3/8" (10 mm)	CH	-
5092-03D	-03	3/8" (10 mm)	D	-
5092-03P	-03	3/8" (10 mm)	P	-

**5093**

20° banjo extended neck

Part No.	To suit hose	Hole size	Mat	Note
5093-02-03C	-02	3/8" (10 mm)	C	-
5093-02C	-02	5/16" (8 mm)	C	-
5093-03-04C	-03	7/16" (11,2 mm)	C	-
5093-03-04CH	-03	7/16" (11,2 mm)	CH	-
5093-03-04P	-03	7/16" (11,2 mm)	P	-
5093-03-M12C	-03	3/8" (10 mm)	C	-
5093-03-M12CH	-03	3/8" (10 mm)	CH	-
5093-03C	-03	3/8" (10 mm)	C	-
5093-03CH	-03	3/8" (10 mm)	CH	-
5093-03D	-03	3/8" (10 mm)	D	-
5093-03P	-03	3/8" (10 mm)	P	-

**5097**

20° banjo side extended neck

Part No.	To suit hose	Hole size	Mat	Note
5097-03C	-03	3/8" (10 mm)	C	-
5097-03CH	-03	3/8" (10 mm)	CH	-
5097-03D	-03	3/8" (10 mm)	D	-
5097-03P	-03	3/8" (10 mm)	P	-

## 600 series Banjo reusable fittings (AN-02 & AN-03)

The following 600 series reusable banjo fittings are compatible with 600 series AN-02 and AN-03 bore size hoses.

**Olives and sockets are available to purchase separately.**

**Fitting type:**

Reusable

**Applications:**

Brake &amp; Clutch

**Compatible hose:**

600 series (AN-02 &amp; AN-03)

**Material:**

CH, C, D, P, Z1

D = Aluminium (Red &amp; Blue)

**Example part no:**

5094-03P = Zinc plated carbon steel

## 600 series Banjo reusable fittings (AN-02 & AN-03)

The following 600 series reusable banjo fittings are compatible with 600 series AN-02 and AN-03 bore size hoses.

**Olives and sockets are available to purchase separately.**



**Fitting type:**  
Reusable

**Applications:**  
Brake & Clutch

**Compatible hose:**  
600 series (AN-02 & AN-03)

**Material:**  
CH, C, D, P, Z1

D = Aluminium (Red & Blue)

**Example part no:**  
5094-03P = Zinc plated carbon steel

5094



45° banjo extended neck

Part No.	To suit hose	Hole size	Mat	Note
5094-02-03C	-02	3/8" (10 mm)	C	-
5094-03C	-03	3/8" (10 mm)	C	-
5094-03CH	-03	3/8" (10 mm)	CH	-
5094-03D	-03	3/8" (10 mm)	D	-
5094-03P	-03	3/8" (10 mm)	P	-

5070



70° banjo extended neck

Part No.	To suit hose	Hole size	Mat	Note
5070-03C	-03	3/8" (10 mm)	C	-
5070-03CH	-03	3/8" (10 mm)	CH	-
5070-03P	-03	3/8" (10 mm)	P	-

5099



90° banjo extended neck

Part No.	To suit hose	Hole size	Mat	Note
5099-03-04C	-03	7/16" (11,2 mm)	C	-
5099-03-04CH	-03	7/16" (11,2 mm)	CH	-
5099-03C	-03	3/8" (10 mm)	C	-
5099-03CH	-03	3/8" (10 mm)	CH	-
5099-03D	-03	3/8" (10 mm)	D	-
5099-03P	-03	3/8" (10 mm)	P	-

5099S



90° banjo side extended neck

Part No.	To suit hose	Hole size	Mat	Note
5099S-03C	-03	3/8" (10 mm)	C	-
5099S-03P	-03	3/8" (10 mm)	P	-

5095



Straight twin banjo

Part No.	To suit hose	Hole size	Mat	Note
5095-03C	-03	3/8" (10 mm)	C	-
5095-03P	-03	3/8" (10 mm)	P	-

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**5098**

Banjo twin extended neck

Part No.	To suit hose	Hole size	Mat	Note
5098-03C	-03	3/8" (10 mm)	C	-
5098-03P	-03	3/8" (10 mm)	P	-

**5096**

90° double banjo

Part No.	To suit hose	Hole size	Mat	Note
5096-03C	-03	3/8" (10 mm)	C	-

**5130**

Tee fitting JIC/UNF with locating lug

Part No.	To suit hose	JIC/UNF	Mat
5130-03C	-03	3/8 x 24	C

**5131**

Tee fitting with male JIC/UNF leg

Part No.	To suit hose	JIC/UNF	Mat
5131-03C	-03	3/8 x 24	C



Please see assembly instructions in the 'Assembly instructions and Technical Information' section at the back of the catalogue.

## 600 series Banjo reusable fittings (AN-02 & AN-03)

The following 600 series reusable banjo fittings are compatible with 600 series AN-02 and AN-03 bore size hoses.

**Fitting type:**

Reusable

**Applications:**

Brake &amp; Clutch

**Compatible hose:**

600 series (AN-02 &amp; AN-03)

**Material:**

CH, C, D, P, Z1

D = Aluminium (Red &amp; Blue)

**Example part no:**

5094-03P = Zinc plated carbon steel

## 600 series reusable T fittings (AN-02 & AN-03)

The following 600 series reusable T fitting range is compatible with 600 series AN-02 and AN-03 bore size hoses.

**Fitting type:**

Reusable

**Applications:**

Brake &amp; Clutch

**Compatible hose:**

600 series (AN-02 &amp; AN-03)

**Material:**

C, D, B

D = Aluminium (Red &amp; Blue)

**Example part no:**

5135-03D = Aluminium Red &amp; Blue

**600 series**  
reusable T fittings  
(AN-02 & AN-03)

The following 600 series reusable T fitting range is compatible with 600 series AN-02 and AN-03 bore size hoses.

**5132**

Tee fitting with male JIC/UNF lug

Part No.	To suit hose	JIC/UNF	Mat
5132-03C	-03	3/8 x 24	C

**5135**

Tee hose fitting

Part No.	To suit hose	Thread	Mat
5135-02C	-02	-	C
5135-03C	-03	-	C
5135-03D	-03	-	D

**5136**

Tee hose fitting with locating lug

Part No.	To suit hose	Thread	Mat
5136-03C	-03	-	C

**5140**

Tee hose fitting with M10 female

Part No.	To suit hose	Thread A	Thread B	Mat
5140-03C	-03	3/8 x 24	M10	C

**Fitting type:**  
Reusable

**Applications:**  
Brake & Clutch

**Compatible hose:**  
600 series (AN-03)

**Material:**  
C, D, B

D = Aluminium (Red & Blue)

**Example part no:**  
5135-03D = Aluminium Red & Blue



Please see assembly instructions in the 'Assembly instructions and Technical Information' section at the back of the catalogue.

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**2203**

Female 3-way fitting - JIC/UNF or Metric

Part No.	To suit hose	Thread	Mat
2203-03B	-03	3/8 x 24	B
319-31B	-03	M10 x 1,00	B

**2204**

Female 4-way fitting - JIC/UNF or Metric

Part No.	To suit hose	Thread	Mat
2204-03B	-03	3/8 x 24	B
2204-31B	-03	M10 x 1,00	B

**1205**

Replacement olive for 600 fitting

Part No.	Mat	To suit
1205-02B	B	-02
1205-03B	B	-03
1205-03C	C	-03
1205-03D	D	-03

**1206**

Replacement socket for 600 fitting

Part No.	Mat	To suit
1206-02C	C	-02
1206-03C	C	-03
1206-03CH	CH	-03
1206-03D	D	-03
1206-03P	P	-03

**600 series**reusable **T** fittings  
(AN-02 & AN-03)

The following 600 series reusable T fitting range is compatible with 600 series AN-02 and AN-03 bore size hoses.

**Fitting type:**

Reusable

**Applications:**

Brake &amp; Clutch

**Compatible hose:**

600 series (AN-03)

**Material:**

C, D, B

D = Aluminium (Red &amp; Blue)

**Example part no:**

5135-03D = Aluminium Red &amp; Blue

**Replacement olives and sockets for 600 series reusable fittings (AN-02 & AN-03)**

Replacement olives and sockets are available for AN-02 &amp; AN-03 bore size reusable fittings.

**Fitting type:**

Reusable

**Applications:**

Brake &amp; Clutch

**Compatible fitting:**

600 series (AN-02 &amp; AN-03)

**Material:**

B, C, CH, D (Red), P, Z1

## 600 series JIC/UNF crimp fittings (AN-02 & AN-03)

The following 600 series JIC/UNF crimp fittings are compatible with 600 series AN-02 and AN-03 & 700K AN-03 bore sizes.

**TUV and DOT certification has been achieved in all available 600 series crimp fitting materials.**

**S440**

Straight male concave seat

Part No.	To suit hose	JIC/UNF	Mat	Note
S440-03Z1	-03	3/8 x 24	Z1	-

**S441**

Straight male convex seat

Part No.	To suit hose	JIC/UNF	Mat	Note
S441-03C	-03	3/8 x 24	C	-
S441-03Z1	-03	3/8 x 24	Z1	-

**S443**

Straight male bulkhead convex seat

Part No.	To suit hose	JIC/UNF	Mat	Note
S443-03BNZ1	-03	3/8 x 24	Z1	integral bleed nipple - use locknut 924-03
S443-03C	-03	3/8 x 24	C	use locknut 924-03
S443-03Z1	-03	3/8 x 24	Z1	use locknut 924-03

**S449**

Straight male flat seat

Part No.	To suit hose	JIC/UNF	Mat	Note
S449-03Z1	-03	3/8 x 24	Z1	-

**S6001**

Straight female concave seat

Part No.	To suit hose	JIC/UNF	Mat	Note
S6001-02-03C	-02	3/8 x 24	C	-
S6001-02C	-02	5/16 x 24	C	-
S6001-03-04C	-03	7/16 x 20	C	-
S6001-03C	-03	3/8 x 24	C	-
S6001-03CBK	-03	3/8 x 24	C	Black
S6001-03CH	-03	3/8 x 24	CH	-
S6001-03D	-03	3/8 x 24	D	-
S6001-03DBK	-03	3/8 x 24	D	Black
S6001-03Z1	-03	3/8 x 24	Z1	-

**Fitting type:**  
Swage/Crimp

**Applications:**  
Brake & Clutch

**Compatible hose:**  
600 series (AN-02 & AN-03)  
700K series (AN-03)

**Material:**  
C, CBK, CH, D (blue), P, Z1

**Example part no:**  
S6046-03Z1 = Silver plated carbon steel.

**Notes:**  
Suitable for Motorsport and road use.  
Please order crimp collars separately.

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**S6046**

45° swept tube female concave seat

Part No.	To suit hose	JIC/UNF	Mat	Note
S6046-03C	-03	3/8 x 24	C	-
S6046-03CH	-03	3/8 x 24	CH	-
S6046-03D	-03	3/8 x 24	D	-
S6046-03DBK	-03	3/8 x 24	D	Black
S6046-03Z1	-03	3/8 x 24	Z1	-

**600 series JIC/UNF**  
**crimp fittings**  
**(AN-02 & AN-03)**

The following 600 series JIC/UNF crimp fittings are compatible with 600 series AN-02 and AN-03 & 700K AN-03 bore sizes.

**TUV and DOT certification**  
**has been achieved in all**  
**available 600 series crimp**  
**fitting materials.**

**S6045**

45° forged female concave seat

Part No.	To suit hose	JIC/UNF	Mat	Note
S6045-02C	-02	5/16 x 24	C	-
S6045-03C	-03	3/8 x 24	C	-
S6045-03D	-03	3/8 x 24	D	-

**S6645**

45° forged female double swivel caliper fitting

Part No.	To suit hose	JIC/UNF	Mat	Note
S6645-03CV	-03	3/8 x 24	C	Viton o-ring
S6645-03CK	-03	3/8 x 24	C	FFKM o-ring

**S6091**

90° swept tube female concave seat

Part No.	To suit hose	JIC/UNF	Mat	Note
S6091-02-03C	-02	3/8 x 24	C	-
S6091-03-04P	-03	7/16 x 20	P	-
S6091-03C	-03	3/8 x 24	C	-
S6091-03CH	-03	3/8 x 24	CH	-
S6091-03D	-03	3/8 x 24	D	-
S6091-03DBK	-03	3/8 x 24	D	Black
S6091-03Z1	-03	3/8 x 24	Z1	-



**Fitting type:**  
*Swage/Crimp*

**Applications:**  
*Brake & Clutch*

**Compatible hose:**  
*600 series (AN-02 & AN-03)  
 700K series (AN-03)*

**Material:**  
*C, CBK, CH, D (blue), P, Z1*

**Example part no:**  
*S6046-03Z1 = Silver plated carbon steel.*

**Notes:**  
*Suitable for Motorsport and road use.*

*Please order crimp collars separately.*

**S6090**

90° forged female concave seat

Part No.	To suit hose	JIC/UNF	Mat	Note
S6090-02-03C	-02	3/8 x 24	C	-
S6090-02C	-02	5/16 x 24	C	-
S6090-03-02C	-03	5/16 x 24	C	-
S6090-03C	-03	3/8 x 24	C	-
S6090-03D	-03	3/8 x 24	D	-
S6090-03Z1	-03	3/8 x 24	Z1	-



## 600 series JIC/UNF crimp fittings (AN-02 & AN-03)

The following 600 series JIC/UNF crimp fittings are compatible with 600 series AN-02 and AN-03 & 700K AN-03 bore sizes.

**TUV and DOT certification has been achieved in all available 600 series crimp fitting materials.**

**Fitting type:**  
Swage/Crimp

**Applications:**  
Brake & Clutch

**Compatible hose:**  
600 series (AN-02 & AN-03)  
700K series (AN-03)

**Material:**  
C, CBK, CH, D (blue), P, Z1

**Example part no:**  
S6046-03Z1 = Silver plated carbon steel.

**Notes:**  
Suitable for Motorsport and road use.

Please order crimp collars separately.

**S6690**

90° forged female double swivel caliper fitting

Part No.	To suit hose	JIC/UNF	Mat	Note
S6690-03CV	-03	3/8 x 24	C	Viton o-ring
S6690-03CK	-03	3/8 x 24	C	FFKM o-ring

**S747**

Fixed female convex seat w/circlip groove  
17mm hex

Part No.	To suit hose	JIC/UNF	Mat	Note
S747-03Z1	-03	3/8 x 24	Z1	-

**S758**

Straight female concave seat w/circlip groove

Part No.	To suit hose	JIC/UNF	Mat	Note
S758-03-03Z1	-03	3/8 x 24	Z1	19mm hex

**S748**

Fixed female bulkhead concave seat

Part No.	To suit hose	JIC/UNF	Mat	Note
S748-03Z1	-03	3/8 x 24	Z1	-
S748-03Z1DS	-03	3/8 x 24	Z1	MINI 91 ON - use locknut 2K8686

**S756**

Fixed female bulkhead convex seat

Part No.	To suit hose	JIC/UNF	Mat	Note
S756-03Z1	-03	3/8 x 24	Z1	-

**S759**

Straight female convex seat w/circlip groove

Part No.	To suit hose	Thread	Mat	Note
S759-03-03SZ1	-03	3/8 x 24	Z1	17 mm hex
S759-03-03Z1	-03	3/8 x 24	Z1	-
S759-03-44Z1	-03	7/16 x 24	Z1	-



All crimped hose assemblies must be assembled by trained Goodridge personnel. Please contact Goodridge directly or find an approved Goodridge G-Tech centre at [www.goodridge.com/distributors](http://www.goodridge.com/distributors)

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**S442**

Straight male concave seat

Part No.	To suit hose	Thread	Mat	Note
S442-31C	-03	M10 x 1,00	C	-
S442-31Z1	-03	M10 x 1,00	Z1	Long

**600 series Metric crimp fittings (AN-03)**

The following Goodridge 600 series metric crimp fittings are compatible with 600 & 700K series AN-03 bore size.

TUV and DOT certification has been achieved in all available 600 series crimp fitting materials.

**S444**

Straight male concave bulkhead

Part No.	To suit hose	Thread	Mat	Note
S444-31Z1	-03	M10 x 1,00	Z1	-

**S445**

Straight male dual seat

Part No.	To suit hose	Thread	Mat	Note
S445-03-M121C	-03	M12 x 1,00	C	-
S445-31C	-03	M10 x 1,00	C	-
S445-31Z1	-03	M10 x 1,00	Z1	-
S445-32Z1	-03	M10 x 1,25	Z1	-

**S445-01**

Straight male swivel metric dual seat

Part No.	To suit hose	Thread	Mat	Note
S445-0131C	-03	M10 x 1,00	C	-
S445-0131Z1	-03	M10 x 1,00	Z1	-
S445-0132C	-03	M10 x 1,25	C	-
S445-0132Z1	-03	M10 x 1,25	Z1	-

**S446**

Straight male bulkhead

Part No.	To suit hose	Thread	Mat	Note
S446-31C	-03	M10 x 1,00	C	use locknut 318-31
S446-31Z1	-03	M10 x 1,00	Z1	use locknut 318-31
S446-03-M121LP	-03	M12 x 1,00	P	Long
S446-03-M121Z	-03	M12 x 1,00	Z1	-

**S492**

Banjo bolt connector

Part No.	To suit hose	Thread	Mat	Note
S492-31Z1	-03	M10 x 1,00	Z1	-

**Fitting type:**  
Swage/Crimp

**Applications:**  
Brake & Clutch

**Compatible hose:**  
600 series (AN-03)  
700K series (AN-03)

**Material:**  
C, CH, P, Z1

**Example part no:**  
S445-31C = Stainless Steel.

**Notes:**  
Suitable for Motorsport and road use.

Please order crimp collars separately.

Metric dual seat fittings will seal with either concave or convex metric fittings.

## 600 series Metric crimp fittings (AN-03)

The following Goodridge 600 series metric crimp fittings are compatible with 600 & 700K series AN-03 bore size.

TUV and DOT certification has been achieved in all available 600 series crimp fitting materials.

**Fitting type:**  
Swage/Crimp

**Applications:**  
Brake & Clutch

**Compatible hose:**  
600 series (AN-03)  
700K series (AN-03)

**Material:**  
C, CH, P, Z1

**Example part no:**  
S445-31C = Stainless Steel.

**Notes:**  
Suitable for Motorsport and road use.

Please order crimp collars separately.

Metric dual seat fittings will seal with either concave or convex metric fittings.

**S445-20**

20° male swivel metric dual seat

Part No.	To suit hose	Thread	Mat	Note
S445-2031C	-03	M10 x 1,00	C	-
S445-2031Z1	-03	M10 x 1,00	Z1	-

**S445-45**

45° male swivel metric dual seat

Part No.	To suit hose	Thread	Mat	Note
S445-4531C	-03	M10 x 1,00	C	-
S445-4531Z1	-03	M10 x 1,00	Z1	-

**S445-90**

90° male swivel metric dual seat

Part No.	To suit hose	Thread	Mat	Note
S445-9031C	-03	M10 x 1,00	C	-
S445-9031Z1	-03	M10 x 1,00	Z1	-
S445-90M121C	-03	M12 x 1,00	C	-

**S6090**

90° male swivel caliper fitting

Part No.	To suit hose	Thread	Mat	Note
S6090M-31CSW	-03	M10 x 1,00	C	High temp o-ring
S6090M-31CSW-LT	-03	M10 x 1,00	C	EPDM o-ring

**S451**

Female concave swivel

Part No.	To suit hose	Thread	Mat	Note
S451-31C	-03	M10 x 1,00	C	-
S451-31Z1	-03	M10 x 1,00	Z1	-

**S452**

Female convex swivel

Part No.	To suit hose	Thread	Mat	Note
S452-31C	-03	M10 x 1,00	C	-
S452-31Z1	-03	M10 x 1,00	Z1	-

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**S6090**

90° forged female concave seat

Part No.	To suit hose	Thread	Mat	Note
S6090-31C	-03	M10 x 1,00	C	-

**S749**

Fixed female bulkhead concave metric seat

Part No.	To suit hose	Thread	Mat	Note
S749-03-31C	-03	M10 x 1,00	C	use locknut 2K8686
S749-03-31Z1	-03	M10 x 1,00	Z1	use locknut 2K8686
S749-03-32Z1	-03	M10 x 1,25	Z1	use locknut 2K8686

**S750**

Fixed female bulkhead convex metric seat

Part No.	To suit hose	Thread	Mat	Note
S750-03-31Z1	-03	M10 x 1,00	Z1	use locknut 2K8686

**S6001-31**

Straight female concave seat

Part No.	To suit hose	Thread	Mat	Note
S6001-31CAU	-03	M10 x 1,00	C	AUDI
S6001-31CMN	-03	M10 x 1,00	C	BMW/MINI
S6001-31CVW	-03	M10 x 1,00	C	VW
S6001-31Z1VW	-03	M10 x 1,00	Z1	VW
S6001-31CVWG7	-03	M10 x 1,00	C	VW G7
S6001-31Z1AU	-03	M10 x 1,00	Z1	AUDI
S6001-31Z1LR	-03	M10 x 1,00	Z1	Land Rover
S6001-31Z1MN	-03	M10 x 1,00	Z1	BMW/MINI
S6001-31Z1PR	-03	M10 x 1,00	Z1	PEUGEOT
S6001-31Z1VWG7	-03	M10 x 1,00	Z1	VWG7



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**600 series Metric crimp fittings (AN-03)**

The following Goodridge 600 series metric crimp fittings are compatible with 600 & 700K series AN-03 bore size.

**TUV and DOT certification has been achieved in all available 600 series crimp fitting materials.**

**Fitting type:**  
Swage/Crimp

**Applications:**  
Brake & Clutch

**Compatible hose:**  
600 series (AN-03)  
700K series (AN-03)

**Material:**  
C, CH, P, Z1

**Example part no:**  
S445-31C = Stainless Steel.

**Notes:**  
Suitable for Motorsport and road use.

Please order crimp collars separately.

Metric dual seat fittings will seal with either concave or convex metric fittings.

## 600 series Metric crimp fittings (AN-03)

The following Goodridge 600 series metric crimp fittings are compatible with 600 & 700K series AN-03 bore size.

TUV and DOT certification has been achieved in all available 600 series crimp fitting materials.

**Fitting type:**  
Swage/Crimp

**Applications:**  
Brake & Clutch

**Compatible hose:**  
600 series (AN-03)  
700K series (AN-03)

**Material:**  
C, CH, P, Z1

**Example part no:**  
S445-31C = Stainless Steel.

**Notes:**  
Suitable for Motorsport and road use.

Please order crimp collars separately.

Metric dual seat fittings will seal with either concave or convex metric fittings.

**S754**

Fixed female bulkhead convex metric seat w/circlip groove

Part No.	To suit hose	Thread	Mat	Note
S754-03-31C	-03	M10 x 1,00	C	17 mm hex - Subaru
S754-03-31Z1	-03	M10 x 1,00	Z1	17 mm hex - Subaru

**S755**

Straight female convex metric seat w/circlip groove

Part No.	To suit hose	Thread	Mat	Note
S755-03-31Z1	-03	M10 x 1,00	Z1	Toyota

**S756**

Straight female concave seat w/circlip groove

Part No.	To suit hose	Thread	Mat	Note
S756-03-M121C	-03	M12 x 1,00	C	-

**S757**

Straight female convex metric seat w/circlip groove

Part No.	To suit hose	Thread	Mat	Note
S757-03-31C	-03	M10 x 1,00	C	17 mm hex - Subaru
S757-03-31Z1	-03	M10 x 1,00	Z1	17 mm rounded edges hex
S757-03-31Z1DS	-03	M10 x 1,00	Z1	17 mm hex, deep seat
S757-03-31Z1E	-03	M10 x 1,00	Z1	17 mm hex, extended

**S758**

Straight female metric concave seat w/circlip groove

Part No.	To suit hose	Thread	Mat	Note
S758-03-31C	-03	M10 x 1,00	C	-
S758-03-31SC	-03	M10 x 1,00	C	17 mm hex
S758-03-31SFC	-03	M10 x 1,00	C	17 mm hex, flat face
S758-03-31SFZ1	-03	M10 x 1,00	Z1	17 mm hex, flat face
S758-03-31SZ1	-03	M10 x 1,00	Z1	17 mm hex
S758-03-31Z1	-03	M10 x 1,00	Z1	-

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**S759**

Straight female convex seat w/circlip groove

Part No.	To suit hose	Thread	Mat	Note
S759-03-03SZ1	-03	3/8 x 24	Z1	17 mm hex
S759-03-03Z1	-03	3/8 x 24	Z1	-
S759-03-31C	-03	M10 x 1,00	C	-
S759-03-31FBZ1	-03	M10 x 1,00	Z1	Flat face
S759-03-31FZ1	-03	M10 x 1,00	Z1	Flat hex
S759-03-31SC	-03	M10 x 1,00	C	17 mm hex
S759-03-31SZ1	-03	M10 x 1,00	Z1	17 mm hex
S759-03-31Z1	-03	M10 x 1,00	Z1	-
S759-03-31Z1BKT	-03	M10 x 1,00	Z1	With bracket
S759-03-32Z1	-03	M10 x 1,25	Z1	-
S759-03-35SC	-03	M10 x 1,50	C	17mm hex
S759-03-35SZ1	-03	M10 x 1,50	Z1	17mm hex
S759-03-44Z1	-03	7/16 x 24	Z1	-
S759-03-M121Z1	-03	M12 x 1,00	Z1	-
S759-9131C	-03	M10 x 1,00	C	-
S759-9131Z1	-03	M10 x 1,00	Z1	-
S760-03-31Z1	-03	M10 x 1,00	Z1	Toyota

**S762**

Straight female (rounded edge) convex seat w/circlip groove

Part No.	To suit hose	Thread	Mat	Note
S762-03-31SZ1	-03	M10 x 1,00	Z1	17 mm hex - Mazda
S762-03-31Z1	-03	M10 x 1,00	Z1	-

**S767**

Straight female convex w/circlip groove

Part No.	To suit hose	Thread	Mat	Note
S767-03-31C	-03	M10 x 1,00	C	-
S767-03-31Z1	-03	M10 x 1,00	Z1	-

**S768**

Straight female concave w/circlip groove

Part No.	To suit hose	Thread	Mat	Note
S768-03-31SZ1	-03	M10 x 1,00	Z1	17mm hex

**600 series Metric**

## Crimp fittings (AN-03)

The following Goodridge 600 series metric crimp fittings are compatible with 600 & 700K series AN-03 bore size.

**TUV and DOT certification has been achieved in all available 600 series crimp fitting materials.**

**Fitting type:**

Swage/Crimp

**Applications:**

Brake &amp; Clutch

**Compatible hose:**

600 series (AN-03)

700K series (AN-03)

**Material:**

C, CH, P, Z1

**Example part no:**

S445-31C = Stainless Steel.

**Notes:**

Suitable for Motorsport and road use.

Please order crimp collars separately.

Metric dual seat fittings will seal with either concave or convex metric fittings.

## 600 series Metric crimp fittings (AN-03)

The following Goodridge 600 series metric crimp fittings are compatible with 600 & 700K series AN-03 bore size.

**TUV and DOT certification has been achieved in all available 600 series crimp fitting materials.**

**Fitting type:**  
Swage/Crimp

**Applications:**  
Brake & Clutch

**Compatible hose:**  
600 series (AN-03)  
700K series (AN-03)

**Material:**  
C, CH, P, Z1

**Example part no:**  
S445-31C = Stainless Steel.

**Notes:**  
Suitable for Motorsport and road use.

Please order crimp collars separately.

Metric dual seat fittings will seal with either concave or convex metric fittings.

**S770**

Straight male convex seat

Part No.	To suit hose	Thread	Mat	Note
S770-03Z1	-03	M10 x 1,00	Z1	Ford

**S771**

Straight male convex seat w/locating flat

Part No.	To suit hose	Thread	Mat	Note
S771-03Z1	-03	M10 x 1,00	Z1	Ford

**S772**

Straight male concave seat

Part No.	To suit hose	Thread	Mat	Note
S772-03Z1	-03	M10 x 1,00	Z1	Ford

**S446EX**

Straight male bulkhead convex seat

Part No.	To suit hose	Thread	Mat	Note
S446-31EXC	-03	M10 x 1,00	C	VW Golf/BMW
S446-31EXZ1	-03	M10 x 1,00	Z1	VW Golf/BMW

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**S323**

Straight male concave seat

Part No.	To suit hose	Thread	Mat	Note
S323-03Z1	-03	1/8" BSP	Z1	-

**S321**

Straight female BSP

Part No.	To suit hose	Thread	Mat	Note
S321-03SMZ1	-03	1/8" BSP	Z1	Flat seat
S321-03Z1	-03	1/8" BSP	Z1	Convex seat

**S332**

90° swept tube female BSP

Part No.	To suit hose	Thread	Mat	Note
S332-03Z1	-03	1/8" BSP	Z1	-

**S816**

Straight male NPT

Part No.	To suit hose	Thread	Mat	Note
S816-03B	-03	NPT 1/8"	B	-



All crimped hose assemblies must be assembled by trained Goodridge personnel. Please contact Goodridge directly or find an approved Goodridge G-Tech centre at [www.goodridge.com/distributors](http://www.goodridge.com/distributors)

## 600 series BSP/NPT crimp fittings (AN-03)

The following 600 series BSP/NPT crimp fittings are compatible with 600 & 700K series AN-03 bore size.

TUV and DOT certification has been achieved in all available 600 series crimp fitting materials.

**Fitting type:**

Swage/Crimp

**Applications:**

Brake &amp; Clutch

**Compatible hose:**

600 series (AN-03)

700K series (AN-03)

**Material:**

B, C, P, Z1

**Example part no:**

S323-03Z1 = Silver Plated Carbon Steel

**Notes:**

Suitable for Motorsport and road use.

Please order crimp collars separately.

## 600 series

### crimp T fittings (AN-03)

The following Goodridge 600 series T piece crimp fittings are compatible with 600 & 700K series AN-03 bore sizes.

**TUV and DOT certification has been achieved in all available 600 series crimp fitting materials.**

**Fitting type:**  
Swage/Crimp

**Applications:**  
Brake, Clutch & Hydraulic

**Compatible hose:**  
600 series (AN-03)  
700 series (AN-03)

**Material:**  
C, Z1

**Example part no:**  
S5135-03Z1 = Silver Plated Carbon Steel

**Notes:**  
Suitable for Motorsport and road use.

Please order crimp collars separately.

**S5132**

Tee with locating lug

Part No.	Spur	On the run	Mat	Note
S5132-03-03C	-03	3/8 x 24	C	-

**S5135**

3 way tee

Part No.	Spur	On the run	Mat	Note
S5135-03C	-03	-03	C	-
S5135-03SC	-03	-03	C	<i>Slimline</i>
S5135-03Z1	-03	-03	Z1	-

**S5136**

3 way tee with locating lug

Part No.	Spur	On the run	Mat	Note
S5136-03C	-03	-03	C	-
S5136-03SC	-03	-03	C	<i>Slimline - lug 6mm thick</i>
S5136-03Z1	-03	-03	Z1	<i>Lug 16mm thick</i>

**S5139**

90° compact elbow

Part No.	Spur	On the run	Mat	Note
S5139-03SC	-03	-03	C	-

**S5236**

90° block

Part No.	Spur	On the run	Mat	Note
S5236-03Z1	-03	-03	Z1	-

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**S5091****Banjo**

Part No.	To suit hose	Hole size	Mat	Note
S5091-02-03C	-02	3/8" (10 mm)	C	-
S5091-03-04Z1	-03	7/16" (11,2 mm)	Z1	-
S5091-03-M12C	-03	12 mm	C	-
S5091-03C	-03	3/8" (10 mm)	C	-
S5091-03CH	-03	3/8" (10 mm)	CH	-
S5091-03SD	-03	3/8" (10 mm)	D	8 mm thick
S5091-03Z1	-03	3/8" (10 mm)	Z1	-
S5091-03CBK	-03	3/8" (10 mm)	C	Black

**S5092****Straight banjo extended neck**

Part No.	To suit hose	Hole size	Mat	Note
S5092-03-02C	-03	5/16"	C	-
S5092-03-04C	-03	7/16" (11,2 mm)	C	-
S5092-03-04CH	-03	7/16" (11,2 mm)	CH	-
S5092-03-04Z1	-03	7/16" (11,2 mm)	Z1	-
S5092-03-M12C	-03	12 mm	C	-
S5092-03-M12CH	-03	12 mm	CH	-
S5092-03C	-03	3/8" (10 mm)	C	-
S5092-03CH	-03	3/8" (10 mm)	CH	-
S5092-03D	-03	3/8" (10 mm)	D	-
S5092-03DBK	-03	3/8" (10 mm)	D	Black
S5092-03DRD	-03	3/8" (10 mm)	D	Red
S5092-03Z1	-03	3/8" (10 mm)	Z1	-
S5092-03CBK	-03	3/8" (10 mm)	C	Black

**S5093L****20°/20° banjo compound left**

Part No.	To suit hose	Hole size	Mat	Note
S5093L-03C	-03	3/8" (10 mm)	C	-
S5093L-03CBK	-03	3/8" (10 mm)	C	Black
S5093L-03Z1	-03	3/8" (10 mm)	Z1	-

**S5093R****20°/20° Banjo - compound right**

Part No.	To suit hose	Hole size	Mat	Note
S5093R-03C	-03	3/8" (10 mm)	C	-
S5093R-03CBK	-03	3/8" (10 mm)	C	Black
S5093R-03Z1	-03	3/8" (10 mm)	Z1	-

**600 series****crimp banjos  
(AN-02 & AN-03)**

The following Goodridge 600 series banjo crimp fittings are compatible with 600 & 700K series AN-02 & AN-03 bore sizes. (700K AN-03 only)

**TUV and DOT certification has been achieved in all available 600 series crimp fitting materials.**

**Fitting type:**

Swage/Crimp

**Applications:**

Brake, Clutch &amp; Hydraulic

**Compatible hose:**

600 series (AN-02 &amp; AN-03)

700 series (AN-03)

**Material:**

C, CBK, CH, D, P, Z1

**Anodised Aluminium****Colour:**

BK (Black), D (Blue), RD (Red)

**Example part no:**

S5092-03DRD = Anodised Aluminium Red

**Notes:**

Suitable for Motorsport and road use.

Please order crimp collars separately.

**600 series**  
crimp banjos  
(AN-02 & AN-03)

The following Goodridge 600 series banjo crimp fittings are compatible with 600 & 700K series AN-02 & AN-03 bore sizes.  
(700K AN-03 only)

**TUV and DOT certification**  
has been achieved in all  
available 600 series crimp  
fitting materials.

**S5093**

20° banjo extended neck

Part No.	To suit hose	Hole size	Mat	Note
S5093-02-03C	-02	3/8" (10 mm)	C	-
S5093-03-02C	-03	5/16"	C	-
S5093-03-04C	-03	7/16" (11,2 mm)	C	-
S5093-03-04Z1	-03	7/16" (11,2 mm)	Z1	-
S5093-03-04CH	-03	7/16" (11,2 mm)	CH	-
S5093-03-M12C	-03	12 mm	C	-
S5093-03-M12CH	-03	12 mm	CH	-
S5093-03C	-03	3/8" (10 mm)	C	-
S5093-03CH	-03	3/8" (10 mm)	CH	-
S5093-03D	-03	3/8" (10 mm)	D	-
S5093-03DBK	-03	3/8" (10 mm)	D	Black
S5093-03DRD	-03	3/8" (10 mm)	D	Red
S5093-03Z1	-03	3/8" (10 mm)	Z1	-
S5093-03CBK	-03	3/8" (10 mm)	C	Black

**S5097**

20° side banjo extended neck

Part No.	To suit hose	Hole size	Mat	Note
S5097-03-02C	-03	5/16"	C	-
S5097-03C	-03	3/8" (10 mm)	C	-
S5097-03CH	-03	3/8" (10 mm)	CH	-
S5097-03D	-03	3/8" (10 mm)	D	-
S5097-03DBK	-03	3/8" (10 mm)	D	Black
S5097-03DRD	-03	3/8" (10 mm)	D	Red
S5097-03Z1	-03	3/8" (10 mm)	Z1	-
S5097-03CBK	-03	3/8" (10 mm)	C	Black

**S5094**

45° banjo extended neck

Part No.	To suit hose	Hole size	Mat	Note
S5094-03-02C	-03	5/16"	C	-
S5094-03C	-03	3/8" (10 mm)	C	-
S5094-03CH	-03	3/8" (10 mm)	CH	-
S5094-03D	-03	3/8" (10 mm)	D	-
S5094-03DBK	-03	3/8" (10 mm)	D	Black
S5094-03DRD	-03	3/8" (10 mm)	D	Red
S5094-03Z1	-03	3/8" (10 mm)	Z1	-
S5094-03CBK	-03	3/8" (10 mm)	C	Black

**S5094L**

45°/45° banjo compound left

Part No.	To suit hose	Hole size	Mat	Note
S5094L-03C	-03	3/8" (10 mm)	C	-
S5094L-03Z1	-03	3/8" (10 mm)	Z1	-
S5094L-03CBK	-03	3/8" (10 mm)	C	Black

**Fitting type:**  
Swage/Crimp

**Applications:**  
Brake, Clutch & Hydraulic

**Compatible hose:**  
600 series (AN-02 & AN-03)  
700 series (AN-03)

**Material:**  
C, CBK, CH, D, P, Z1

**Anodised Aluminium**

**Colour:**

BK (Black), D (Blue), RD (Red)

**Example part no:**

S5092-03DRD = Anodised  
Aluminium Red

**Notes:**

Suitable for Motorsport and  
road use.

Please order crimp collars  
separately.

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**S5094R**

45°/45° banjo compound right

Part No.	To suit hose	Hole size	Mat	Note
S5094R-03C	-03	3/8" (10 mm)	C	-
S5094R-03CBK	-03	3/8" (10 mm)	C	Black
S5094R-03Z1	-03	3/8" (10 mm)	Z1	-

**S5070**

70° banjo extended neck

Part No.	To suit hose	Hole size	Mat	Note
S5070-03C	-03	3/8" (10 mm)	C	-
S5070-03CBK	-03	3/8" (10 mm)	C	Black
S5070-03CH	-03	3/8" (10 mm)	CH	-
S5070-03Z1	-03	3/8" (10 mm)	Z1	-

**S5099**

90° side banjo extended neck

Part No.	To suit hose	Hole size	Mat	Note
S5099-03-02C	-03	5/16"	C	-
S5099-03-04CH	-03	7/16"	CH	-
S5099-03C	-03	3/8" (10 mm)	C	-
S5099-03CH	-03	3/8" (10 mm)	CH	-
S5099-03D	-03	3/8" (10 mm)	D	-
S5099-03DBK	-03	3/8" (10 mm)	D	Black
S5099-03DRD	-03	3/8" (10 mm)	D	Red
S5099-03Z1	-03	3/8" (10 mm)	Z1	-
S5099-03CBK	-03	3/8" (10 mm)	Z1	Black

**S5099S**

90° banjo extended neck side bend

Part No.	To suit hose	Hole size	Mat	Note
S5099S-03C	-03	3/8" (10 mm)	C	-
S5099S-03CBK	-03	3/8" (10 mm)	C	Black
S5099S-03M6C	-03	6 mm	C	
S5099S-03Z1	-03	3/8" (10 mm)	Z1	-
S5099SL-03C	-03	3/8" (10 mm)	C	45° L/hand thread
S5099SL-03CBK	-03	3/8" (10 mm)	C	45° L/hand thread - black
S5099SL2-03C	-03	3/8" (10 mm)	C	20° L/hand thread
S5099SL2-03CBK	-03	3/8" (10 mm)	C	20° L/hand thread - black
S5099SR-03C	-03	3/8" (10 mm)	C	45° R/hand thread
S5099SR-03CBK	-03	3/8" (10 mm)	C	45° R/hand thread - black

## 600 series

### crimp banjos (AN-02 & AN-03)

The following Goodridge 600 series banjo crimp fittings are compatible with 600 & 700K series AN-02 & AN-03 bore sizes. (700K AN-03 only)

**TUV and DOT certification has been achieved in all available 600 series crimp fitting materials.**

**Fitting type:**

Swage/Crimp

**Applications:**

Brake, Clutch &amp; Hydraulic

**Compatible hose:**

600 series (AN-02 &amp; AN-03)

700 series (AN-03)

**Material:**

C, CBK, CH, D, P, Z1

**Anodised Aluminium****Colour:**

BK (Black), D (Blue), RD (Red)

**Example part no:**

S5092-03DRD = Anodised Aluminium Red

**Notes:**

Suitable for Motorsport and road use.

Please order crimp collars separately.

**600 series**

crimp banjos  
(AN-02 & AN-03)

The following Goodridge 600 series banjo crimp fittings are compatible with 600 & 700K series AN-02 & AN-03 bore sizes.  
(700K AN-03 only)

**Fitting type:**

Crimp

**Applications:**

Brake, Clutch & Hydraulic

**Compatible hose:**

600 series (AN-02 & AN-03)  
700 series (AN-03)

**Material:**

C, CBK, CH, D, P, Z1

**Anodised Aluminium****Colour:**

BK (Black), D (Blue), RD (Red)

**600 Plug-in fittings**

(Made to order)

**Fitting type:**

Crimp

**Fluid applications:**

Brake, Clutch & Hydraulic

**Compatible hose:**

600 series (AN-02 & AN-03)  
700K series (AN-03)

**Crimp collars**

Crimp collars for use with AN-02 & AN03 fittings

**S5095****Banjo double tail**

Part No.	To suit hose	Hole size	Mat	Note
S5095-03C	-03	3/8" (10 mm)	C	-
S5095-03Z1	-03	3/8" (10 mm)	Z1	-
S5095-03CBK	-03	3/8" (10 mm)	C	Black

**S5098****Banjo twin tail extended neck**

Part No.	To suit hose	Hole size	Mat	Note
S5098-03P	-03	3/8" (10 mm)	P	-



Part No.	Mat	Fitting Angle	Tail size	Plug OD (mm)
SGP601	C, D	Straight	-02	8.7
SGP646	C, D	45°	-03	8.8
SGP691	C, D	90°		9.6

**EXAMPLES:**

Part No.	Tail size	Plug OD (mm)
SGP601	-03	8.8
Part No.: SGP601-03-8.8		
SGP646	-02	9.6
Part No.: SGP646-02-9.6		

**Other Plug-In OD's are available, please contact a**

**Goodridge representative for more information.**

**Collars must be purchased separately.**

**RC600****Crimp collar**

Part No.	To suit	Mat
RC600-02CMP	-02	C
RC600-03CTUV	-03	C
RC600-03TUV	-03	B

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**BTL -300/310**

Line locator with 17mm hex, one rounded corner

Part No.	Application	To suit	Mat	Note
<b>BTL-300Z1</b>	Mazda, Mitsubishi	600-03	Z1	17 mm hex with one rounded corner
<b>BTL-310Z1</b>	Mazda, Mitsubishi	600-03 covered	Z1	-

**BTL -322**

Line locator

Part No.	Application	To suit	Mat	Note
<b>BTL-322Z1</b>	VW Golf MK5	600-03 covered	Z1	-

**BTL -303/313**

Single locating tab

Part No.	Application	To suit	Mat	Note
<b>BTL-303Z1</b>	Toyota	600-03	Z1	-
<b>BTL-313Z1</b>	Toyota	600-03 covered	Z1	-

**BTL -304/314**

Line locator 19mm hex with silicone insert

Part No.	Application	To suit	Mat	Note
<b>BTL-304Z1</b>	Nissan, GM	600-03	Z1	-
<b>BTL-314Z1</b>	Nissan, GM	600-03 covered	Z1	-

**BTL -305/315**

Line locator 19mm hex with silicone insert

Part No.	Application	To suit	Mat	Note
<b>BTL-305Z1</b>	Mazda	600-03	Z1	-
<b>BTL-315Z1</b>	Mazda	600-03 covered	Z1	-

**BTL -306/316**

Line locator 19mm hex with silicone insert

Part No.	Application	To suit	Mat	Note
<b>BTL-306Z1</b>	Subaru	600-03	Z1	-
<b>BTL-316Z1</b>	Subaru	600-03 covered	Z1	-

**AN-03 line locators**

Brake lines are a safety critical item and therefore, if being retro-fitted to a vehicle, must follow the correct routing; secured as per the original equipment manufacturers recommendations.

The following line locating brackets are OEM specific, to be used to locate 600 series AN-03 brake lines.

**Please note:** Some line locators require crimping - specialist knowledge and equipment is required to assemble crimp fittings.

**Applications:**

Brake lines

**Compatible hose:**

600 series (AN-03)

**Notes:**

Suitable for road use.

**Material:**

C, NY (Nylon), P, Z1

## AN-03 line locators

Brake lines are a safety critical item and therefore, if being retro-fitted to a vehicle, must follow the correct routing; secured as per the original equipment manufacturers recommendations.

The following line locating brackets are OEM specific, to be used to locate 600 series AN-03 brake lines.

**Please note:** Some line locators require crimping - specialist knowledge and equipment is required to assemble crimp fittings.

### BTL -307/317



Line locator 17 mm hex with opposite rounded corners

Part No.	Application	To suit	Mat	Note
<b>BTL-307Z1</b>	Toyota	600-03	Z1	-
<b>BTL-317Z1</b>	Toyota	600-03 covered	Z1	-

### BTL -308/318



Line locator 17mm hex with 10mm clip groove

Part No.	Application	To suit	Mat	Note
<b>BTL-308Z1</b>	Subaru	600-03	Z1	-
<b>BTL-318Z1</b>	Subaru	600-03 covered	Z1	-

### BLT -301/311



Single locating tab

Part No.	Application	To suit	Mat	Note
<b>BLT-301NY</b>	Honda, Acura, Rover, MG	600-03	Nylon	-
<b>BLT-311NY</b>	Honda, Acura, Rover, MG	600-03 covered	Nylon	-

### BLT -302/312



Double locating tab

Part No.	Application	To suit	Mat	Note
<b>BLT-302NY</b>	Honda, Acura, Rover, MG	600-03	Nylon	-
<b>BLT-312NY</b>	Honda, Acura, Rover, MG	600-03 covered	Nylon	-

**Applications:**  
Brake lines

**Compatible hose:**  
600 series (AN-03)

**Notes:**  
Suitable for road use.

**Material:**  
C, NY (Nylon), P, Z1



Please see assembly instructions in the 'Assembly instructions and Technical Information' section at the back of the catalogue.

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**775**

Single banjo bolt JIC

Part No.	Thread	Mat	Note
775-02C	5/16 x 24	C	-
775-03-02Z1	5/16 x 24	Z1	For banjo -03
775-03C	3/8 x 24	C	-
775-03CBK	3/8 x 24	C	Black
775-03CH	3/8 x 24	CH	-
775-03D	3/8 x 24	D	Red
775-03DBK	3/8 x 24	D	Black
775-03LC	3/8 x 24	C	Long (25 mm under hex)
775-03LCH	3/8 x 24	CH	Long (25 mm under hex)
775-03LZ1	3/8 x 24	Z1	Long (25 mm under hex)
775-03Z1	3/8 x 24	Z1	-

**992**

Single banjo bolt metric

Part No.	Thread	Mat	Note
992-02-21C	M8 x 1,00	C	-02 hole
992-02-22C	M8 x 1,25	C	-02 hole
992-03-21C	M8 x 1,00	C	-03 hole
992-03-22C	M8 x 1,25	C	-03 hole
992-03-31C	M10 x 1,00	C	-03 hole
992-03-31CH	M10 x 1,00	CH	-03 hole
992-03-31D	M10 x 1,00	D	-03 hole - red
992-03-31DBK	M10 x 1,00	D	-03 hole - black
992-03-31DBU	M10 x 1,00	D	-03 hole - blue
992-03-31LC	M10 x 1,00	C	Long (25 mm under hex)
992-03-31LCH	M10 x 1,00	CH	Long (25 mm under hex)
992-03-31LZ1	M10 x 1,00	Z1	Long (25 mm under hex)
992-03-31SC	M10 x 1,00	C	Short (18 mm under hex)
992-03-31SCBK	M10 x 1,00	C	Short (18 mm under hex) - black
992-03-31SD	M10 x 1,00	D	Short (18 mm under hex) - red
992-03-31SDBK	M10 x 1,00	D	Short (18 mm under hex) - black
992-03-31SDBU	M10 x 1,00	D	Short (18 mm under hex) - blue
992-03-31SZ1	M10 x 1,00	Z1	Short (18 mm under hex)
992-03-31Z1	M10 x 1,00	Z1	-03 hole
992-03-32C	M10 x 1,25	C	-03 hole
992-03-32CBK	M10 x 1,25	C	-03 hole
992-03-32CH	M10 x 1,25	CH	-03 hole
992-03-32D	M10 x 1,25	D	-03 hole - red
992-03-32DBK	M10 x 1,25	D	-03 hole - black
992-03-32DBU	M10 x 1,25	D	-03 hole - blue
992-03-32LCH	M10 x 1,25	CH	Long (25 mm under hex)
992-03-32LZ1	M10 x 1,25	Z1	Long (25 mm under hex)
992-03-32Z1	M10 x 1,25	Z1	-03 hole
992-03-35C	M10 x 1,50	C	-03 hole
992-03-35LZ1	M10 x 1,50	Z1	Long (25 mm under hex)
992-03-35Z1	M10 x 1,50	Z1	-03 hole

**Banjo bolts**

Available in UNF, Metric and BSP type thread fitments; single and double variations.

In addition, Goodridge manufactures a range of brake light switch banjo bolts, available in a range of materials, colours, lengths and threads.

**Copper crush washers can be found in the Ancillary (13) section**

**Fitting type:**

Banjo Bolt

**Applications:**

Brake / Clutch lines

**Compatible fitting:**

600 series

**Material:**

Stainless Steel, Chrome plated, Aluminium, Zinc plated, Silver plated carbon steel

**Anodised Aluminium****Colour:**

BK (Black), D (Blue), RD (Red)

**Example Part No:**

992-03-31DBU = Anodised Aluminium Blue

**Notes:**

Long bolts are for use with 5091, 5095, 5096.

**'Under hex' length:**

Short: 18mm (S)

Single: 20mm

Single Long: 25mm (L)

Double: 30mm

Double Long: 40mm (L)

## Banjo bolts

Available in UNF, Metric and BSP type thread fitments; single and double variations.

In addition, Goodridge manufactures a range of brake light switch banjo bolts, available in a range of materials, colours, lengths and threads.

**Copper crush washers can be found in the Ancillary section 13**

**Fitting type:**  
Banjo Bolt

**Applications:**  
Brake / Clutch lines

**Compatible fitting:**  
600 series

**Material:**  
Stainless Steel, Chrome plated, Aluminium, Zinc plated, Silver plated carbon steel

**Anodised Aluminium Colour:**

BK (Black), D (Blue), RD (Red)

**Example Part No:**  
992-03-31DBU = Anodised Aluminium Blue

**Notes:**  
Long bolts are for use with 5091, 5095, 5096.

**'Under hex' length:**

Short: 18mm (S)

Single: 20mm

Single Long: 25mm (L)

Double: 30mm

Double Long: 40mm (L)

1012



### Single banjo bolt BSP

Part No.	Thread	Mat	Note
1012-03P	BSP 1/8"	P	-

993



### Double banjo bolt metric

Part No.	Thread	Mat	Note
993-03-31C	M10 x 1,00	C	-
993-03-31CH	M10 x 1,00	CH	-
993-03-31D	M10 x 1,00	D	Red
993-03-31DBK	M10 x 1,00	D	Black
993-03-31DBU	M10 x 1,00	D	Blue
993-03-31LZ1	M10 x 1,00	Z1	Long (40 mm under hex)
993-03-31SC	M10 x 1,00	C	Short (28 mm under hex)
993-03-31SCBK	M10 x 1,00	C	Short black(28 mm under hex)
993-03-31SZ1	M10 x 1,00	Z1	Short (28 mm under hex)
993-03-31Z1	M10 x 1,00	Z1	-
993-03-32C	M10 x 1,25	C	-
993-03-32CBK	M10 x 1,25	C	Black
993-03-32CH	M10 x 1,25	CH	-
993-03-32D	M10 x 1,25	D	Red
993-03-32DBK	M10 x 1,25	D	Black
993-03-32DBU	M10 x 1,25	D	Blue
993-03-32Z1	M10 x 1,25	Z1	-

773



### Double banjo bolt JIC

Part No.	Thread	Mat	Note
773-03C	3/8 x 24	C	-
773-03CBK	3/8 x 24	C	Black
773-03CH	3/8 x 24	CH	-
773-03D	3/8 x 24	D	Red
773-03LCH	3/8 x 24	CH	Long (40 mm under hex)
773-03LZ1	3/8 x 24	Z1	Long (40 mm under hex)
773-03Z1	3/8 x 24	Z1	-

1013



### Double banjo bolt BSP

Part No.	Thread	Mat	Note
1013-03P	BSP 1/8"	P	-

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**BL775**

Single banelight banjo bolt UNF

Part No.	Thread	Mat	Note
BL775-03C	3/8 x 24	C	-
BL775-03SC	3/8 x 24	C	Short

**BL992**

Single banelight banjo bolt metric

Part No.	Thread	Mat	Note
BL992-31C	M10 x 1,00	C	-
BL992-31SC	M10 x 1,00	C	Short (18,5 mm under hex)
BL992-32C	M10 x 1,25	C	-

**BL993**

Double banelight banjo bolt metric

Part No.	Thread	Mat	Note
BL993-31C	M10 x 1,00	C	-
BL993-31SC	M10 x 1,00	C	Short (28 mm under hex)
BL993-32C	M10 x 1,25	C	-

**775BN**

Single banjo bolt with bleed nipple JIC

Part No.	Thread	Mat	Note
775-03BNC	3/8 x 24	C	-
775-03BNZ1	3/8 x 24	Z1	-

**992BN**

Single banjo bolt with bleed nipple metric

Part No.	Thread	Mat	Note
992-03-21BNC	M8 x 1,00	C	For banjo -03
992-31BNC	M10 x 1,00	C	-
992-31BNCH	M10 x 1,00	CH	-
992-31BNSC	M10 x 1,00	C	Short
992-31BNZ1	M10 x 1,00	Z1	-
992-32BNC	M10 x 1,25	C	-
992-32BNZ1	M10 x 1,25	Z1	-

**Banjo bolts**

Available in UNF, Metric and BSP type thread fitments; single and double variations.

In addition, Goodridge manufactures a range of brake light switch banjo bolts, available in a range of materials, colours, lengths and threads.

**Copper crush washers can be found in the Ancillary section 13**

**Fitting type:***Banjo Bolt***Applications:***Brake / Clutch lines***Compatible fitting:***600 series***Material:***Stainless Steel, Chrome plated, Aluminium, Zinc plated, Silver plated carbon steel***Anodised Aluminium****Colour:***BK (Black), D (Blue), RD (Red)***Example Part No:***992-03-31DBU = Anodised Aluminium Blue***Notes:***Long bolts are for use with 5091, 5095, 5096.***'Under hex' length:***Short: 18mm (S)**Single: 20mm**Single Long: 25mm (L)**Double: 30mm**Double Long: 40mm (L)*

## Banjo bolts

Available in UNF, Metric and BSP type thread fitments; single and double variations.

In addition, Goodridge manufactures a range of brake light switch banjo bolts, available in a range of materials, colours, lengths and threads.

**Fitting type:**
*Banjo Bolt*
**Applications:**
*Brake / Clutch lines*
**Compatible fitting:**
*600 series*
**Material:**
*Stainless Steel, Chrome plated, Aluminium, Zinc plated, Silver plated carbon steel*
**Anodised Aluminium**
**Colour:**
*BK (Black), D (Blue), RD (Red)*
**773BN**

Double banjo bolt with bleed nipple UNF

Part No.	Thread	Mat	Note
773-03BNC	3/8 x 24	C	-

**993BN**

Bleed nipple double banjo bolt metric

Part No.	Thread	Mat	Note
993-31BNC	M10 x 1,00	C	-
993-31BNSC	M10 x 1,00	C	Short (28 mm under hex)
993-31BNZ1	M10 x 1,00	Z1	-
993-32BNC	M10 x 1,25	C	-
993-32BNZ1	M10 x 1,25	Z1	-

## Bleed nipple banjo bolts & nipples

Goodridge developed bleed nipple banjo bolts in response to concerns about the length of time required to bleed hydraulic systems. Air can now be bled from the master cylinder end of the system.

In addition, Goodridge manufacture a range of bleed nipples, including speed bleeders.

**Fitting type:**
*Banjo Bolt*
**Applications:**
*Brake / Clutch lines*
**Compatible hose:**
*600 series*
**Material:**
*Stainless Steel, Chrome plated, Zinc plated, Silver plated carbon steel*
**BN506**

Bleed nipple UNF

Part No.	Thread	Mat
BN506C	3/8 x 24	C
BN506P	3/8 x 24	P

**BN507**

Bleed nipple metric

Part No.	Thread	Mat
BN507C	M7 x 1,00	C
BN507P	M7 x 1,00	P

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**BN508**

## Bleed nipple metric

Part No.	Thread	Mat
BN508C	M8 x 1,25	C

**BN510**

## Bleed nipple metric

Part No.	Thread	Mat
BN510C	M10 x 1,00	C
BN510P	M10 x 1,00	P

**BN704**

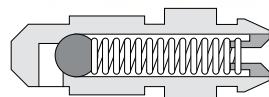
## Bleed nipple UNF

Part No.	Thread	Mat
BN704C	1/4 x 28	C
BN704P	1/4 x 28	P

**BNSB**

## Speed bleeder

Part No.	Thread	Mat
BN506PSB	3/8 x 24	P
BN506PSB-HD	3/8 x 24 Harley D	P
BN507PSB	M7 x 1,00	P
BN508PSB	M8 x 1,25	P
BN510PSB	M10 x 1,00	P
BN512PSB	M10 x 1,25	P
BN561PSB	M6 x 1,00	P
BN704PSB	1/4 x 28	P

**BN-CAP**

## Bleed nipple cap

Part No.	Thread	Mat
BN-CAP	-	Rubber

**Bleed nipple banjo bolts & nipples**

Goodridge developed bleed nipple banjo bolts in response to concerns about the length of time required to bleed hydraulic systems. Air can now be bled from the master cylinder end of the system.

In addition, Goodridge manufacture a range of bleed nipples, including speed bleeders.

**Fitting type:**

Banjo Bolt

**Applications:**

Brake / Clutch lines

**Compatible hose:**

600 series

**Material:**

Stainless Steel, Chrome plated, Zinc plated, Silver plated carbon steel

## Special application block adaptors

Goodridge manufacture a range of adaptors suitable for brake systems.

Block adaptors can be bought separately to ensure the system is routed correctly.



G105

Banjo adaptor block 90°				
Part No.	Note	Thread	Hole Size	Mat
G105-31Z1	Mustang/ Cherokee	M10 x 1,00 inv.	-	Z1



G105A

Banjo adaptor block 90° with 7/16 locating hole				
Part No.	Note	Thread	Hole Size	Mat
G105-31A	Mustang/ Cherokee	M10 x 1,00 inv.	-	B
G105A	Mustang/ Cherokee	3/8 x 24 inv.	-	B



G106A

Angled banjo adaptor block				
Part No.	Note	Thread	Hole Size	Mat
G106A	<i>Ford</i>	-	3/8	B



G114

Mazda MX5 rear brake adaptor block				
Part No.	Note	Thread	Hole Size	Mat
G114	Mazda	M10 x 1,00 female -03 tail	-	P



G115

Rear tee block GM				
Part No.	Note	Thread	Hole Size	Mat
G115	Chevrolet	M10 x 1,00 femelle - 3/8 x 24 male	-	B



G117

Adaptor block metric 90° Honda				
Part No.	Note	Thread	Hole Size	Mat
G117Z1	Honda	M10 x 1.00	M8 x 1.25	Z1



SP-202

90° fitting motorcycle convex				
Part No.	Note	Thread	Hole Size	Mat
SP-202	<i>Honda/ BMW/CBS</i>	M10 x 1,00	-	C

**Fitting type:**  
*Block adaptor*

**Applications:**  
*Brake systems*

## **Compatible hose:** 600 series

## Material:

**Material:**

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**SP-203**

Tee fitting motorcycle convex

Part No.	Note	Thread	Hole Size	Mat
SP-203	Honda	M10 x 1,00	-	C

**SP-225**

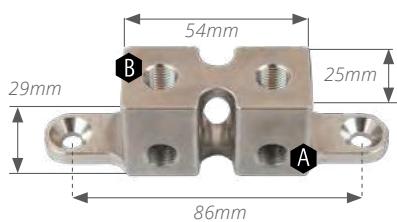
Tee fitting motorcycle concave

Part No.	Note	Thread	Hole Size	Mat
SP-225	BMW	-03 tail con M10 x 1,00	-	C

**SP-241**

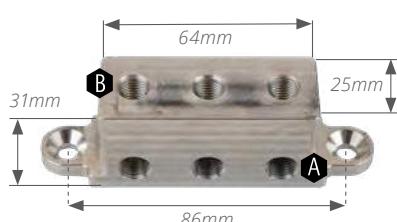
Straight fitting motorcycle convex

Part No.	Note	Thread	Hole Size	Mat
SP-241	Motorcycle ABS	M10 x 1,00	M6 (no thread)	C
SP-241T	Motorcycle ABS	M10 x 1,00	M6 x 1,00	C

**GBPSM2**

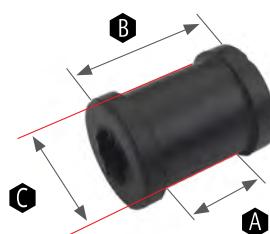
Brake pressure manifold

Part No.	Note	Thread A	Thread B	Mat
GBPSM2	To suit Bosch M10 Sensors	M10 x 1,00	M10 x 1,00	C

**GBPSM3**

Brake pressure manifold

Part No.	Note	Thread A	Thread B	Mat
GBPSM3	To suit -03 JIC Sensors	M10 x 1,00	3/8 x 24 UNF	C

**GR**

Brake hose grommet

Part No.	Note		Mat
SPHA0280-002	To suit 600-03		Rubber
GR1	To suit 600-03		Rubber
GR2	To suit 600-03		Rubber
GR3	To suit 600-03		Rubber

Part No.	A mm	B mm	OD mm	ID mm	C mm
SPHA0280-002	2.8	16.6	25	7.1	17.8
GR1	2.5	10	20	7.1	14
GR2	2.54	9.25	24	6.35	12.7
GR3	15	21.5	15.7	8	14

## Special application block adaptors

Goodridge manufacture a range of adaptors suitable for brake systems.

Block adaptors can be bought separately to ensure the system is routed correctly.

**Fitting type:**  
Block adaptor

**Applications:**  
Brake systems

**Compatible hose:**  
600 series

**Material:**

Brass, Stainless Steel, Zinc plated, Silver plated carbon steel

**Fluid applications:**

Fuel, Oil, Water, Dampers

**Construction:**Stainless steel braid with PTFE liner  
(Optional carbon look or clear covering available)**Compatible fittings:**

600MP reusable / 600MP crimp

**Please note:**

Other hose sizes are available with coatings by special request. Anti-static used in sizes dash 4 upwards.

**600MP HOSE SERIES (MEDIUM PRESSURE)**

600 series Medium Pressure AN-04, AN-05, AN-06 & AN-08 bore size hoses are designed for fuel, oil, water and damper reservoir systems. The 600 series hose strongly resists expansion under high pressure and temperature.

The Stainless Steel braid offers abrasion, corrosion and fire resistance, which also provides heat protection to up to 260°C.

*Data in this table is for the hose only*

Part No.	Dash	Max Bore Size	Cover	Outer Diameter	Cover OD	PTFE Wall	Cover Wall	Working Press	Burst Pres	Weight	Min Bend Rad	Temp Range
*600-04	-04	5,0 (0,197)	None	7,65 (0,301)	-	0,76 (0,003)	-	280 (4061)	840 (12183)	0,075 (0,05)	50 (1,97)	-70/+260 (-94/+500)
600-04BK	-04	5,0 (0,197)	Black	7,65 (0,301)	8,65 (0,340)	0,76 (0,003)	0,5 (0,019)	280 (4061)	840 (12183)	0,098 (0,066)	50 (1,97)	-10/+60 (+14/+140)
600-04CB	-04	5,0 (0,197)	Carboline	7,65 (0,301)	8,65 (0,340)	0,76 (0,003)	0,5 (0,019)	280 (4061)	840 (12183)	0,098 (0,066)	50 (1,97)	-10/+60 (+14/+140)
600-04CL	-04	5,0 (0,197)	Clear	7,65 (0,301)	8,65 (0,340)	0,76 (0,003)	0,5 (0,019)	280 (4061)	840 (12183)	0,098 (0,066)	50 (1,97)	-10/+60 (+14/+140)
*600-05	-05	6,3 (0,248)	None	8,9 (0,350)	-	0,76 (0,003)	-	230 (3335)	690 (10007)	0,105 (0,071)	70 (2,756)	-70/+260 (-94/+500)
600-05CB	-05	6,3 (0,248)	Carboline	8,9 (0,350)	9,9 (0,354)	0,76 (0,003)	0,5 (0,019)	230 (3335)	690 (10007)	0,105 (0,071)	70 (2,756)	-10/+60 (+14/+140)
600-05CL	-05	6,3 (0,248)	Clear	8,9 (0,350)	9,9 (0,354)	0,76 (0,003)	0,5 (0,019)	230 (3335)	690 (10007)	0,105 (0,071)	70 (2,756)	-10/+60 (+14/+140)
*600-06	-06	8,2 (0,323)	None	11,15 (0,439)	-	0,76 (0,003)	-	210 (3045)	630 (9137)	0,135 (0,091)	100 (3,937)	-70/+260 (-94/+500)
*600-08	-08	10,6 (0,417)	None	12,75 (0,502)	-	0,76 (0,003)	-	180 (2610)	540 (7832)	0,149 (0,100)	130 (5,118)	-70/+260 (-94/+500)

**Note:** Temperature affects maximum working pressure as listed; for temps above 130°C reduce the working pressure by 0.75% for each degree above 130°C. Max 260°C.

**700K HOSE SERIES (AN-04 MEDIUM PRESSURE)****Fluid applications:**

Brake, Clutch, Pressure Gauge, Fuel Injection, Fire extinguisher, Nitrous &amp; Hydraulics.

**Construction:**

Aramid Fibre outer braid with PTFE liner

**Compatible fittings:**

600MP crimp (special equipment required)

*Data in this table is for the hose only*

Part No.	Dash	Max Bore Size	Cover	Outer Diameter	Cover OD	PTFE Wall	Cover Wall	Working Press	Burst Pres	Weight	Min Bend Rad	Temp Range
700K-04BK	-04	5,0 (0,197)	Black PVC	9,2 (0,363)	9,6 (0,378)	0,76 (0,030)	0,9 (0,035)	150 (2175)	450 (6526)	0,074 (0,05)	50 (1,968)	-20/+85 (-4/+185)

**Note:** Temperature affects maximum working pressure as listed; for temps above 130°C reduce the working pressure by 0.75% for each degree above 130°C. Max 185°C.

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**6001**

Straight female.

Part No.	To suit hose	Thread	Mat	Note
6001-04C	-04	7/16 x 20	C	-
6001-04D	-04	7/16 x 20	D	red/blue
6001-04P	-04	7/16 x 20	P	-
6001-06D	-06	9/16 x 18	D	red/blue
6001-06P	-06	9/16 x 18	P	-
6001-08D	-08	3/4 x 16	D	red/blue

**6045**

45° forged female.

Part No.	To suit hose	Thread	Mat	Note
6045-04D	-04	7/16 x 20	D	red/blue
6045-06D	-06	9/16 x 18	D	red/blue
6045-08D	-08	3/4 x 16	D	red/blue

**6046**

45° swept tube female.

Part No.	To suit hose	Thread	Mat	Note
6046-04C	-04	7/16 x 20	C	-
6046-04D	-04	7/16 x 20	D	red/blue
6046-04P	-04	7/16 x 20	P	-
6046-06D	-06	9/16 x 18	D	red/blue
6046-08D	-08	3/4 x 16	D	red/blue

**6645**

45° forged female double swivel.

Part No.	To suit hose	Thread	Mat	Note
6645-04C	-04	7/16 x 20	C	-
6645-04D	-04	7/16 x 20	D	red/blue
6645-06D	-06	9/16 x 18	D	red/blue

**6091**

90° swept tube female.

Part No.	To suit hose	Thread	Mat	Note
6091-04C	-04	7/16 x 20	C	-
6091-04D	-04	7/16 x 20	D	red/blue
6091-04P	-04	7/16 x 20	P	-
6091-06D	-06	9/16 x 18	D	red/blue
6091-06P	-06	9/16 x 18	P	-
6091-08D	-08	3/4 x 16	D	red/blue

**600 MP JIC/UNF**

Reusable fittings for  
600MP series hose  
(AN-04, AN-06 &  
AN-08)

600MP series JIC/UNF reusable  
fitting range is compatible with  
600 series AN-04, AN-06 & AN-08  
bore sizes.

The body seals to the hose  
using an olive and socket.  
Olives and sockets are available  
to purchase separately.

**Fitting type:**

Reusable

**Applications:**

Fuel, Oil, Water &amp; Dampers

**Compatible hose:**

600 series MP

**Material:**

C, CH, D, P

**Colours:**

D= Red &amp; Blue

C, CH, P = Standard finish

**600 MP JIC/UNF**

Reusable fittings for  
600MP series hose  
(AN-04, AN-06 &  
AN-08)

600MP series JIC/UNF reusable fitting range is compatible with 600 series AN-04, AN-06 & AN-08 bore sizes.

**The body seals to the hose using an olive and socket. Olives and sockets are available to purchase separately.**

**6090**

90° forged female.

Part No.	To suit hose	Thread	Mat	Note
6090-04D	-04	7/16 x 20	D	red/blue
6090-06D	-06	9/16 x 18	D	red/blue
6090-08D	-08	3/4 x 16	D	red/blue

**6690**

90° forged female double swivel.

Part No.	To suit hose	Thread	Mat	Note
6690-04C	-04	7/16 x 20	C	-
6690-04D	-04	7/16 x 20	D	red/blue
6690-06D	-06	9/16 x 18	D	red/blue

**441**

Straight male convex

Part No.	To suit hose	Thread	Mat	Note
441-04C	-04	7/16 x 20	C	-

**443**

Straight male bulkhead

Part No.	To suit hose	JIC/UNF	Mat	Note
443-04P	-04	7/16 x 20	P	-

**Fitting type:**

Reusable

**Applications:**

Fuel, Oil, Water &amp; Dampers

**Compatible hose:**

600 series MP

**Material:**

C, CH, D, P

**Colours:**

D= Red &amp; Blue

C, CH, P = Standard finish

**704**

Female bulkhead convex

Part No.	To suit hose	Thread	Mat	Note
704-04P	-04	7/16 x 20	P	Use locknut part no 2k8686

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**321MP**

Straight female

Part No.	To suit hose	Thread	Mat	Note
321-04P	-04	BSP 1/4"	P	-

**332**

90°swept tube female

Part No.	To suit hose	Thread	Mat	Note
332-04P	-04	BSP 1/4"	P	-

**600 MP BSP**

Reusable fittings for  
600MP series hose  
(AN-04)

600MP series medium pressure  
BSP reusable fitting range are  
compatible with 600MP series AN-  
04 bore size hose.

**The body seals to the hose**  
using an olive and socket.  
Olives and sockets are available  
to purchase separately.

**Fitting type:**

Reusable

**Applications:**

Brake &amp; Clutch

**Compatible hose:**

600MP series (AN-04)

**Material:**

P, Z1

**Example part no:**321-04P = Zinc plated carbon  
steel**Notes:**Suitable for Motorsport and  
road use.Please order crimp collars  
separately.

Please see assembly instructions in the 'Assembly instructions and Technical Information' section at the back of the catalogue.

**600MP Banjo**

Reusable fittings (AN-04, AN-06 & AN-08)

600 MP series reusable banjo fitting range is compatible with 600 series 600-04MP, 600-06MP & 600-08MP hoses.

The body seals to the hose using an olive and socket.

Olives and sockets are available to buy separately.

**Fitting type:**

Reusable

**Applications:**

*Brake, Clutch, Fuel, Oil, Water & Dampers*

**Compatible hose:**

600MP

**Material:**

CH, C, D, P, Z1

**Colour:**

D = Aluminium

(Red & Blue in AN-06 & AN-08)

Please check part description for AN-02 & AN-03 fitting colour.

**Example part no:**

5093-04-03P = Zinc plated carbon steel

**Notes:**

Suitable for motorsport/off road use only

**5091**

Straight banjo.

Part No.	To suit hose	Hole size	Mat	Note
5091-04-03P	-04	3/8" (10 mm)	P	-
5091-04-M12P	-04	M12	P	-
5091-04D	-04	7/16" (11,2 mm)	D	-
5091-04P	-04	7/16" (11,2 mm)	P	-
5091-06D	-06	-06 (14 mm)	D	red/blue
5091-08D	-08	-08 (22 mm)	D	red/blue

**5092**

Straight banjo extended neck

Part No.	To suit hose	Hole size	Mat	Note
5092-04-03P	-04	3/8" (10 mm)	P	-

**5093**

20° banjo extended neck

Part No.	To suit hose	Hole size	Mat	Note
5093-04-03P	-04	3/8" (10 mm)	P	-

## Replacement Olives and Sockets for 600MP AN-04, AN-06 & AN-08 reusable fittings

AN-04, AN-06 & AN-08 medium pressure reusable fittings.

**Compatible fitting:**

600MP reusable (AN-04, AN-06 & AN-08)

**OLIVE 1205**

Replacement olive for 600MP hose

Part No.	Mat	To suit
1205-04B	B	-04
1205-04D	D	-04
1205-06B	B	-06
1205-06D	D	-06
1205-08D	D	-08

**SOCKET 1206**

Replacement sockets for 600MP hose

Part No.	Mat	To suit
1206-04P	P	-04
1206-06D	D	-06
1206-08D	D	-08

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**S6001**

## Straight female

Part No.	To suit hose	Thread	Mat	Note
S6001-04CMP	-04	7/16 x 20	C	-
S6001-04DMP	-04	7/16 x 20	D	-
S6001-04Z1MP	-04	7/16 x 20	Z1	-
S6001-05-04CMP	-05	7/16 x 20	C	-
S6001-06CMP	-06	9/16 x 18	C	-
S6001-06DMP	-06	9/16 x 18	D	-
S6001-08DMP	-08	3/4 x 16	D	-

**S747**

## Straight Swage female

Part No.	To suit hose	Thread	Mat	Note
S747-44Z1	-04	7/16 x 24	Z1	-

**S6046**

## 45° swept tube female

Part No.	To suit hose	Thread	Mat	Note
S6046-04CMP	-04	7/16 x 20	C	-
S6046-04Z1MP	-04	7/16 x 20	Z1	-
S6046-04DMP	-04	7/16 x 20	D	-
S6046-06DMP	-06	9/16 x 18	D	-

**S6045**

## 45° forged female

Part No.	To suit hose	Thread	Mat	Note
S6045-04CMP	-04	7/16 x 20	C	-
S6045-04DMP	-04	7/16 x 20	D	-
S6045-06DMP	-06	9/16 x 18	D	-

**S6091**

## 90° swept tube female concave seat

Part No.	To suit hose	Thread	Mat	Note
S6091-04CMP	-04	7/16 x 20	C	-
S6091-04DMP	-04	7/16 x 20	D	-
S6091-04Z1MP	-04	7/16 x 20	Z1	-
S6091-06DMP	-06	9/16 x 18	D	-

**S6090**

## 90° forged female

Part No.	To suit hose	Thread	Mat	Note
S6090-04CMP	-04	7/16 x 20	D	-
S6090-04DMP	-04	7/16 x 20	D	-
S6090-06DMP	-06	9/16 x 18	D	-
S6090-08DMP	-08	3/4 x 16	D	-

**600 MP JIC/UNF**

Crimp fittings (AN-04, AN-06 &amp; AN-08)

600 MP series JIC/UNF crimp fittings are compatible with 700K-04 and 600 medium pressure AN-04, AN-06 &amp; AN-08 hose sizes.

**TUV and DOT certification has been achieved in all available 600 series crimp fitting materials.****Fitting type:**

Swage/Crimp

**Applications:**

Brake, Clutch, Fuel, Oil, Water &amp; Methanol.

**Compatible hose:**600 Medium Pressure (AN-04, AN-06 & AN-08)  
700K series (AN-04)**Material:**

C, CBK, CH, D, P, Z1

**Example part no:**

S6046-04-Z1MP = Silver plated carbon steel.

**Notes:**

Suitable for Motorsport and road use.

Please order crimp collars separately.

**600 MP NPT****Crimp fittings (AN-04)**

600MP series BSP/NPT crimp fittings are compatible with 700K-04 and 600 medium pressure AN-04 size hose.

**Fitting type:**  
Swage/Crimp

**Applications:**  
Brake & Clutch

**Compatible hose:**  
600 Medium Pressure (AN-04)  
700K series (AN-04)

**Notes:**  
Suitable for road use.  
Please order crimp collars separately.

**S816****Straight male NPT**

Part No.	To suit hose	Thread	Mat	Note
S816-04-03P2MP	-04	NPT 1/8"	B	-

**600 MP Banjos****Swage/crimp  
(AN-04 & AN-05)**

600MP series swage/crimp banjos are compatible with 700K-04 and 600 medium pressure AN-04 & AN-05 size hose.

TUV and DOT certification has been achieved in all available 600 series crimp fitting materials.

**Fitting type:**  
Swage/Crimp

**Applications:**  
Brake, Clutch, Hydraulic & Dampers

**Compatible hose:**  
600 Medium Pressure (AN-04 & AN-05)  
700K series (AN-04)

**Material:**  
C, Z1

**Example part no:**  
S5091-04C = Stainless Steel

**Notes:**  
Suitable for Motorsport and road use.

Please order crimp collars separately.

**S5091****Straight banjo**

Part No.	To suit hose	Hole size	Mat	Note
S5091-04-03C	-04	3/8" (10 mm)	C	-
S5091-04-03Z1	-04	3/8" (10 mm)	Z1	-
S5091-04-M12CMP	-04	12 mm	C	-
S5091-04-M12Z1	-04	12 mm	Z1	-
S5091-04Z1MP	-04	7/16" (11,2 mm)	Z1	-
S5091-05-M10CMP	-05	10 mm	C	-
S5091-05-M12Z1	-05	12 mm	Z1	-
S5091-06-M12DMP	-06	12 mm	D	-
S5091-06-M14DMP	-06	14 mm	D	-

**S5092****Straight banjo extended neck**

Part No.	To suit hose	Thread	Mat	Note
S5092-04-03C	-04	3/8 x 24	C	-

**S5092****Straight banjo with integral swivel**

Part No.	To suit hose	Thread	Mat	Note
S5092-05-M10CSW	-05	M10 x 1,0	C	-
S5092-05-M12CSW	-05	M12 x 1,50	C	-

For high pressure applications please contact Goodridge or your nearest G-Tech centre.

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**1012**

Single banjo bolt

Part No.	Thread	Mat	Note
1012-04P	BSP 1/4"	P	-

**773**

Double banjo bolt

Part No.	Thread	Mat	Note
773-44CH	7/16 x 24	CH	-

**BL775**

Single brakelight banjo bolt UNF

Part No.	Thread	Mat	Note
BL775-44C	7/16 x 24	C	Short

**RC600**

Crimp collar

Part No.	To suit	Mat
RC600-04CMP	-04 MP	C
RC600-05CMP	-05 MP	C
RC600-06CMP	-06 MP	C
RC600-08CMP	-08 MP	C

## 600 MP Banjo bolts (AN-04)

600MP series banjo bolts are compatible with AN-04 fittings.

Please see the adaptors section for AN-06 & AN-08 banjo bolts.

**Copper crush washers can be found in the Ancillary (13) section,**

**Fitting type:**  
Banjo Bolt (AN-04)

**Application:**  
Brake/Clutch/Fuel Inj

**To suit fitting:**  
600 series (AN-04)

**Material:**  
C, CH, D, Z1

## 600 MP

Crimp collars (AN-04, AN-06 & AN-08)

Crimp collars for use with 600MP fittings AN-04 , AN-06 & AN-08

**Fluid applications:**

Power steering, Gear shift, Active aero & High pressure hydraulics.

**Construction:**

Corrosion and fire resistant  
Stainless steel braid with Aramid fibre under braid and PTFE liner

**Compatible fittings:**

600HP Crimp = AN-04HP, AN-06HP & AN-08HP

**Please note:**

Anti-static.

**600HP HOSE SERIES (HIGH PRESSURE)**

The 600HP (High Pressure) series features a smooth bore PTFE liner, wrapped in tightly woven aramid fibre and outer 304 grade Stainless Steel braid.

The Stainless steel braid offers abrasion, corrosion and fire resistance, which also provides heat protection up to 260°C.

Compatible with HP crimp fittings only. (Specialist equipment required).



*Data in this table is for the hose only*

Part No.	Dash Size	Max Bore Size mm / inches	Outer Diameter mm / inches	PTFE Wall mm / inches	Working Press Bar / Psi	Burst Pres Bar / Psi	Weight Kg / Lb/Ft	Min Bend Rad mm / inches	Temp Range °C / °F
600-04HP	-04	5,1 (0,201)	8,9 (0,350)	0,76 (0,003)	375 (6889)	1500 (21755)	0,119 (0,080)	45 (1,772)	-70/+260 (-94/+500)
600-06HP	-06	8,2 (0,323)	12,3 (0,484)	0,76 (0,003)	325 (4713)	1300 (18854)	0,164 (0,110)	70 (0,276)	-70/+260 (-94/+500)
600-08HP	-08	10,6 (0,417)	14,8 (0,583)	0,76 (0,003)	250 (3625)	1000 (14503)	0,193 (0,130)	90 (3,543)	-70/+260 (-94/+500)

**Note:** Temperature affects maximum working pressure as listed; for temps above 130°C reduce the working pressure by 0.75% for each degree above 130°C. Max 260°C.

**600HP JIC/UNF**

Crimp fittings (AN-04, AN-06 & AN-08)

600HP series JIC/UNF crimp fittings are compatible with 600HP AN-04, AN-06 & AN-08 hose sizes.

**Fitting type:**  
Swage/Crimp

**Applications:**

Power steering, Gear shift, Active aero & HP hydraulics.

**Compatible hose:**  
600HP (AN-04, AN-06 & AN-08)

**Material:**  
C

**Example part no:**  
S6001-04CHP = Stainless steel

**Notes:**  
Suitable for Motorsport and road use.  
Please order crimp collars separately.

**S6001****Straight female high pressure concave**

Part No.	To suit hose	Thread	Mat
S6001-04CHP	-04 high pressure	JIC 7/16" x 20	C
S6001-06CHP	-06 high pressure	JIC 9/16" x 18	C
S6001-08CHP	-08 high pressure	JIC 3/4" x 16	C

**S6046****45° swept tube female high pressure concave**

Part No.	To suit hose	Thread	Mat
S6046-04CHP	-04 high pressure	JIC 7/16" x 20	C
S6046-06CHP	-06 high pressure	JIC 9/16" x 18	C
S6046-08CHP	-08 high pressure	JIC 3/4" x 16	C

**S6091****90° swept tube female high pressure concave**

Part No.	To suit hose	Thread	Mat
S6091-04CHP	-04 high pressure	JIC 7/16" x 20	C
S6091-06CHP	-06 high pressure	JIC 9/16" x 18	C
S6091-08CHP	-08 high pressure	JIC 3/4" x 16	C

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**S6120**

120° swept tube female high pressure concave

Part No.	To suit hose	Thread	Mat
<b>S6120-04CHP</b>	-04 high pressure	JIC 7/16" x 20	C
<b>S6120-06CHP</b>	-06 high pressure	JIC 9/16" x 18	C

**S6150**

150° swept tube female high pressure concave

Part No.	To suit hose	Thread	Mat
<b>S6150-04CHP</b>	-04 high pressure	JIC 7/16" x 20	C

**S6180**

180° swept tube female high pressure concave

Part No.	To suit hose	Thread	Mat
<b>S6180-04CHP</b>	-04 high pressure	JIC 7/16" x 20	C

**RC600HP**

Collars to suit 600 series hose high pressure

Part No.	To suit hose:	Mat
<b>RC600-04CHP</b>	-04 high pressure	C
<b>RC600-06CHP</b>	-06 high pressure	C
<b>RC600-08CHP</b>	-08 high pressure	C

**600HP JIC/UNF**

Crimp fittings (AN-04, AN-06 &amp; AN-08)

**Fitting type:**

Swage/Crimp

**Applications:**

Power steering, Gear shift, Active aero &amp; HP hydraulics.

**Compatible hose:**

600HP (AN-04, AN-06 &amp; AN-08)

**Material:**

C

**Example part no:**

S6001-04CHP = Stainless steel

**Notes:**

Suitable for Motorsport and road use.

Please order crimp collars separately.

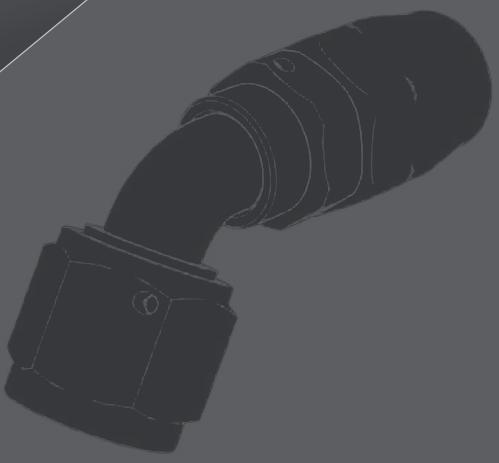
**600HP Crimp collars**

(AN-04, AN-06 &amp; AN-08)

Crimp collars for use with 600HP fittings AN-04 , AN-06 &amp; AN-08

**GOODRIDGE**

[www.goodridge.com](http://www.goodridge.com)



# 04

200 SERIES  
HOSE AND FITTINGS

**GOODRIDGE**

## 200 series braided hose and fittings

Goodridge 200 series rubber lined hoses are compatible with Goodridge 236 cutter style fittings, ideal for use with 'push fit' applications. Available in bore sizes AN-04 to AN-16.

The 200 series hose features a reinforced chlorinated Polyethylene (CPE) synthetic rubber liner, wrapped in a double stainless steel external braid for additional resistance to abrasion.

The 210 series hose features a reinforced chlorinated Polyethylene (CPE) synthetic rubber liner, wrapped in a stainless steel internal braid and light weight nylon external braid; for use where the additional abrasive resistant stainless steel braided 200 series hose is not required.

The 202 series hose is a single braided hose, for use with 936 hose finishers.

### Benefits:

- Uninterrupted flow
- Burst pressure up to 1000 PSI / 69 BAR (200-04)
- Temperature resistance from (-49°C to +150°C).
- Bend radius to 50mm (AN-04)

### Features:

- Smooth bore
- Integral stainless steel braid
- Rubber lined
- Fibre / Stainless steel braided options

Can be used  
with 'Push fit'  
applications

Not for use  
'in cockpit'

## Which hose do I need?

200, 210 and 202 hose comparison chart:

Hose range	Push fit only	Lightest weight	Highest temp resistance	Additional external protection
200			x	x
210		x		
202	x			x

### Fitting Type:

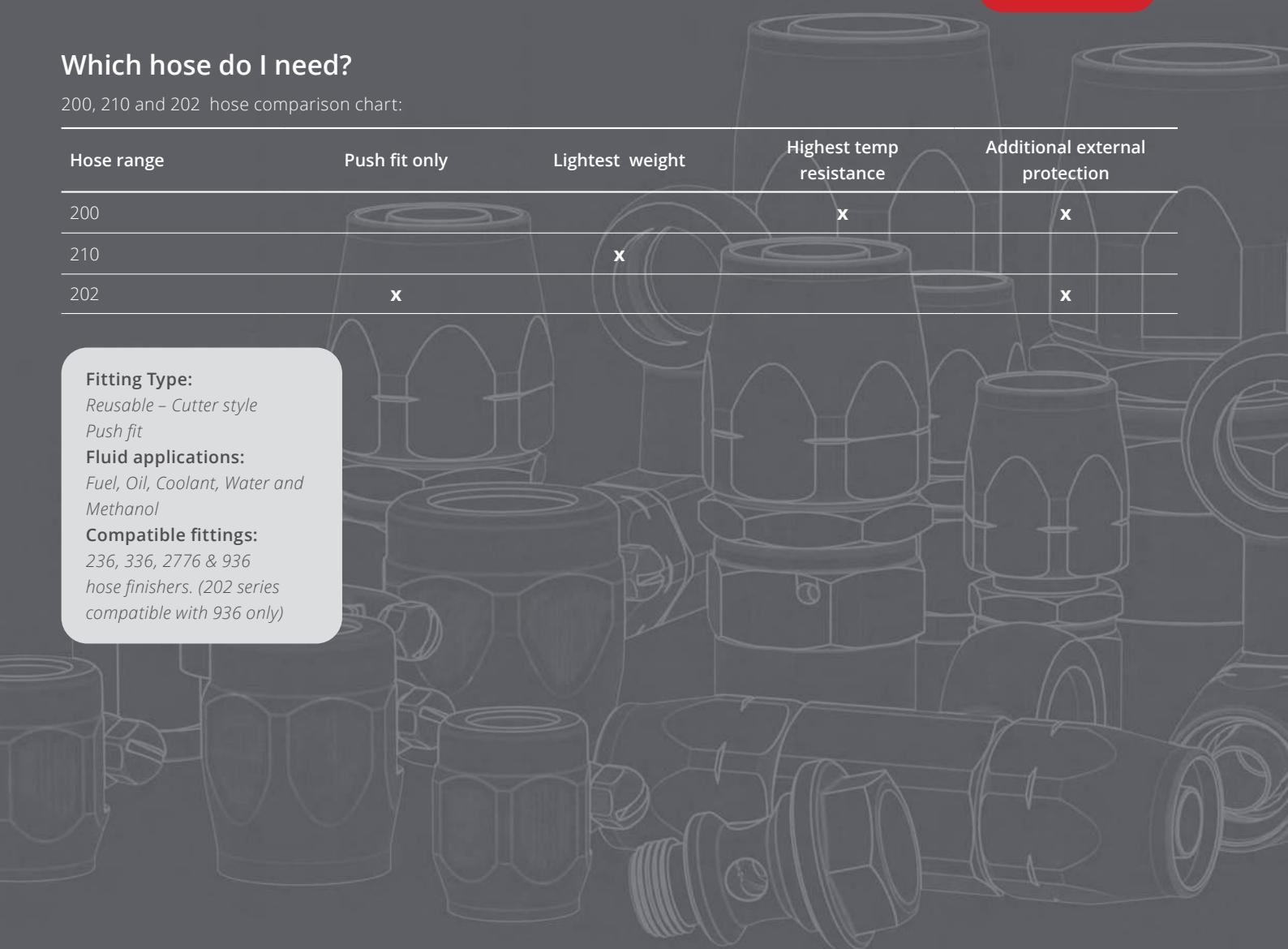
Reusable – Cutter style  
Push fit

### Fluid applications:

Fuel, Oil, Coolant, Water and  
Methanol

### Compatible fittings:

236, 336, 2776 & 936  
hose finishers. (202 series  
compatible with 936 only)



**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**Fluid applications:**

Fuel, Oil, Coolant, Water and Methanol.

**Compatible fittings:**

236, 336, 2776 &amp; 936 hose finishers.

**Notes:**

Not to be used for fuel inside cockpit.

**200**

The 200 series hose features a reinforced chlorinated Polyethylene (CPE) synthetic rubber liner, wrapped in a double stainless steel external braid for additional resistance to abrasion. Ideal for use outside the cockpit, engine bay and underneath vehicles where abrasive protection is required.



Data in this table is for the hose only

Part No.	Dash Size	Max Bore Size mm / inches	Outer Diameter mm / inches	Working Press Bar / Psi	Burst Pres Bar / Psi	Weight Kg / Lb/Ft	Min Bend Rad mm / inches	Temp Range °C / °F
200-04	-04	5,4 (0,212)	11,2 (0,440)	69 (1000)	414 (6000)	0,179 (0,12)	50,80 (2,00)	-40/+150 (-65/+302)
200-06	-06	8,7 (0,342)	14,20 (0,558)	69 (1000)	414 (6000)	0,208 (0,14)	63,50 (2,50)	-40/+150 (-65/+302)
200-08	-08	11,1 (0,463)	17,1 (0,762)	69 (1000)	345 (5000)	0,25 (0,17)	88,90 (3,50)	-40/+150 (-65/+302)
200-10	-10	14,2 (0,558)	20,8 (0,817)	69 (1000)	345 (5000)	0,327 (0,22)	101,6 (4,00)	-40/+150 (-65/+302)
200-12	-12	17,4 (0,684)	24,4 (0,959)	69 (1000)	259 (3750)	0,402 (0,27)	114,3 (4,50)	-40/+150 (-65/+302)
200-16	-16	22,2 (0,872)	30,5 (1,199)	52 (750)	172 (2500)	0,610 (0,41)	139,70 (5,50)	-40/+150 (-65/+302)

Data in this table is for the hose only

**210**

The 210 series hose features a reinforced chlorinated Polyethylene (CPE) synthetic rubber liner, wrapped in a stainless steel internal braid and light weight nylon external braid. Ideal for use in protected areas outside the cockpit – engine bay fuel, coolant and oil plumbing applications.



Data in this table is for the hose only

Part No.	Dash Size	Max Bore Size mm / inches	Outer Diameter mm / inches	Working Press Bar / Psi	Burst Pres Bar / Psi	Weight Kg / Lb/Ft	Min Bend Rad mm / inches	Temp Range °C / °F
210-04	-04	5,4 (0,212)	11,2 (0,440)	34 (500)	138 (2000)	0,112 (0,075)	50,80 (2,00)	-40/+150 (-40/+302)
210-06	-06	8,7 (0,342)	14,2 (0,558)	34 (500)	138 (2000)	0,141 (0,095)	63,50 (2,50)	-40/+150 (-40/+302)
210-08	-08	11,1 (0,436)	17,1 (0,672)	34 (500)	138 (2000)	0,179 (0,120)	88,90 (3,50)	-40/+150 (-40/+302)
210-10	-10	14,2 (0,558)	20,8 (0,817)	34 (500)	138 (2000)	0,231 (0,115)	101,60 (4,00)	-40/+150 (-40/+302)
210-12	-12	17,4 (0,684)	24,4 (0,959)	24 (350)	97 (1400)	0,372 (0,250)	114,30 (4,50)	-40/+150 (-40/+302)
210-16	-16	22,2 (0,872)	30,5 (1,199)	24 (350)	97 (1400)	0,476 (0,320)	139,70 (5,50)	-40/+150 (-40/+302)

**202**

The 202 hose is a rubber lined, single braid hose, compatible with 936 hose finishers.



Data in this table is for the hose only

Part No.	Dash Size	Max Bore Size mm / inches	Outer Diameter mm / inches	Working Press Bar / Psi	Burst Pres Bar / Psi	Min Bend Rad mm / inches	Temp Range °C / °F
202-04	-04	6,70 (0,264)	13,0 (0,512)	63 (916)	350 (5076)	38 (1,50)	-40/+150 (-40/+302)
202-05	-05	7,90 (0,311)	14,5 (0,571)	63 (916)	350 (5076)	45 (1,77)	-40/+150 (-40/+302)
202-06	-06	9,50 (0,374)	15,5 (0,610)	63 (916)	350 (5076)	53 (2,09)	-40/+150 (-40/+302)

## **236/1136 JIC fittings**

The 236 fittings are reusable fittings designed for use with the 200 & 210 series hose ranges. The triple seal/double O-ring nitrile, cutter design ensures a secure leak free connection, easily assembled using basic hand tools.

The 1136 fittings use a single nipple design, available in straight, 45° & 90° options; AN-04 only.

**The 1136 and 236 fitting alignments can be adjusted in situ.**

**236-01**

Straight female

Part No.	To suit hose	JIC/UNF	Mat	Colour
1136-0104	200-04	7/16 x 20	D	red/blue
236-0106	200-06	9/16 x 18	D	red/blue
236-0108	200-08	3/4 x 16	D	red/blue
236-0110	200-10	7/8 x 14	D	red/blue
236-0112	200-12	1 1/16 x 12	D	red/blue
236-0116	200-16	1 5/16 x 12	D	red/blue

**236-30**

30° female swept tube

Part No.	To suit hose	JIC/UNF	Mat	Colour
236-3106	200-06	9/16 x 18	D	red/blue
236-3108	200-08	3/4 x 16	D	red/blue
236-3110	200-10	7/8 x 14	D	red/blue
236-3112	200-12	1 1/16 x 12	D	red/blue
236-3116	200-16	1 5/16 x 12	D	red/blue

**236-45**

45° female swept tube

Part No.	To suit hose	JIC/UNF	Mat	Colour
1136-4504	200-04	7/16 x 20	D	red/blue
236-4506	200-06	9/16 x 18	D	red/blue
236-4508	200-08	3/4 x 16	D	red/blue
236-4510	200-10	7/8 x 14	D	red/blue
236-4512	200-12	1 1/16 x 12	D	red/blue
236-4516	200-16	1 5/16 x 12	D	red/blue

**236-60**

60° female swept tube

Part No.	To suit hose	JIC/UNF	Mat	Colour
236-6106	200-06	9/16 x 18	D	red/blue
236-6108	200-08	3/4 x 16	D	red/blue
236-6110	200-10	7/8 x 14	D	red/blue
236-6112	200-12	1 1/16 x 12	D	red/blue
236-6116	200-16	1 5/16 x 12	D	red/blue

**236-90**

90° female swept tube

Part No.	To suit hose	JIC/UNF	Mat	Colour
1136-9004	200-04	7/16 x 20	D	red/blue
236-9006	200-06	9/16 x 18	D	red/blue
236-9008	200-08	3/4 x 16	D	red/blue
236-9010	200-10	7/8 x 14	D	red/blue
236-9012	200-12	1 1/16 x 12	D	red/blue
236-9016	200-16	1 5/16 x 12	D	red/blue

**Fitting type:**

Reusable

**Fluid applications:**

Fuel, Oil, Coolant, Water and Methanol.

**Compatible hose:**

200 &amp; 210

**Material:**

D = Aluminium (Red &amp; Blue)

BK = Aluminium (Black)

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**236-120**

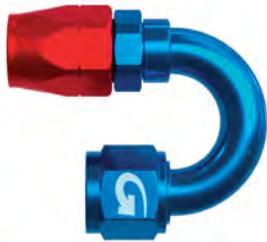
120° female swept tube

Part No.	To suit hose	JIC/UNF	Mat	Colour
236-12006	200-06	9/16 x 18	D	red/blue
236-12008	200-08	3/4 x 16	D	red/blue
236-12010	200-10	7/8 x 14	D	red/blue
236-12012	200-12	1 1/16 x 12	D	red/blue
236-12016	200-16	1 5/16 x 12	D	red/blue

**236-150**

150° female swept tube

Part No.	To suit hose	JIC/UNF	Mat	Colour
236-15006	200-06	9/16 x 18	D	red/blue
236-15008	200-08	3/4 x 16	D	red/blue
236-15010	200-10	7/8 x 14	D	red/blue
236-15012	200-12	1 1/16 x 12	D	red/blue
236-15016	200-16	1 5/16 x 12	D	red/blue

**236-180**

180° female swept tube

Part No.	To suit hose	JIC/UNF	Mat	Colour
236-18006	200-06	9/16 x 18	D	red/blue
236-18008	200-08	3/4 x 16	D	red/blue
236-18010	200-10	7/8 x 14	D	red/blue
236-18012	200-12	1 1/16 x 12	D	red/blue
236-18016	200-16	1 5/16 x 12	D	red/blue

**SOCKET 236**

Socket

Part No.	To suit hose	JIC/UNF	Mat	Colour
1207-06D	200-06	9/16 x 18	D	red
1207-08D	200-08	3/4 x 16	D	red
1207-10D	200-10	7/8 x 14	D	red
1207-12D	200-12	1 1/16 x 12	D	red



Top Tip: Please see assembly instructions in the 'Assembly instructions and Technical Information' section at the back of the catalogue.

**236/1136 JIC fittings**

The 236 fittings are reusable fittings designed for use with the 200 & 210 series hose ranges. The triple seal/double O-ring nitrile, cutter design ensures a secure leak free connection, easily assembled using basic hand tools.

The 1136 fittings use a single nipple design, available in straight, 45° & 90° options; AN-04 only.

**The 1136 and 236 fitting alignments can be adjusted in situ.**

**Fitting type:**

Reusable

**Fluid applications:**

Fuel, Oil, Coolant, Water and Methanol.

**Compatible hose:**

200 &amp; 210

**Material:**

D = Aluminium (Red &amp; Blue)

BK = Aluminium (Black)

## 236/1136 JIC fittings

The 236 fittings are reusable fittings designed for use with the 200 & 210 series hose ranges. The triple seal/double O-ring nitrile, cutter design ensures a secure leak free connection, easily assembled using basic hand tools.

The 1136 fittings use a single nipple design, available in straight, 45° & 90° options; AN-04 only.

**The 1136 and 236 fitting alignments can be adjusted in situ.**

### 236-01BK



#### Straight female

Part No.	To suit hose	JIC/UNF	Mat	Colour
1136-0104BK	200-04	7/16 x 20	D	black
236-0106BK	200-06	9/16 x 18	D	black
236-0108BK	200-08	3/4 x 16	D	black
236-0110BK	200-10	7/8 x 14	D	black
236-0112BK	200-12	1 1/16 x 12	D	black
236-0116BK	200-16	1 5/16 x 12	D	black

### 236-31BK



#### 30° female swept tube

Part No.	To suit hose	JIC/UNF	Mat	Colour
236-3106BK	200-06	9/16 x 18	D	black
236-3108BK	200-08	3/4 x 16	D	black
236-3110BK	200-10	7/8 x 14	D	black
236-3112BK	200-12	1 1/16 x 12	D	black
236-3116BK	200-16	1 5/16 x 12	D	black

### 236-45BK



#### 45° female swept tube

Part No.	To suit hose	JIC/UNF	Mat	Colour
1136-4504BK	200-04	7/16 x 20	D	black
236-4506BK	200-06	9/16 x 18	D	black
236-4508BK	200-08	3/4 x 16	D	black
236-4510BK	200-10	7/8 x 14	D	black
236-4512BK	200-12	1 1/16 x 12	D	black
236-4516BK	200-16	1 5/16 x 12	D	black

### 236-61BK



#### 60° female swept tube

Part No.	To suit hose	JIC/UNF	Mat	Colour
236-6106BK	200-06	9/16 x 18	D	black
236-6108BK	200-08	3/4 x 16	D	black
236-6110BK	200-10	7/8 x 14	D	black
236-6112BK	200-12	1 1/16 x 12	D	black
236-6116BK	200-16	1 5/16 x 12	D	black

### 236-90BK



#### 90° female swept tube

Part No.	To suit hose	JIC/UNF	Mat	Colour
1136-9004BK	200-04	7/16 x 20	D	black
236-9006BK	200-06	9/16 x 18	D	black
236-9008BK	200-08	3/4 x 16	D	black
236-9010BK	200-10	7/8 x 14	D	black
236-9012BK	200-12	1 1/16 x 12	D	black
236-9016BK	200-16	1 5/16 x 12	D	black

#### Fitting type:

Reusable

#### Fluid applications:

Fuel, Oil, Coolant, Water and Methanol.

#### Compatible hose:

200 & 210

#### Material:

D = Aluminium (Red & Blue)

BK = Aluminium (Black)

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**236-120BK**

120° female swept tube

Part No.	To suit hose	JIC/UNF	Mat	Colour
236-12006BK	200-06	9/16 x 18	D	black
236-12008BK	200-08	3/4 x 16	D	black
236-12010BK	200-10	7/8 x 14	D	black
236-12012BK	200-12	1 1/16 x 12	D	black
236-12016BK	200-16	1 5/16 x 12	D	black

**236-150BK**

150° female swept tube

Part No.	To suit hose	JIC/UNF	Mat	Colour
236-15006BK	200-06	9/16 x 18	D	black
236-15008BK	200-08	3/4 x 16	D	black
236-15010BK	200-10	7/8 x 14	D	black
236-15012BK	200-12	1 1/16 x 12	D	black
236-15016BK	200-16	1 5/16 x 12	D	black

**236-180BK**

180° female swept tube

Part No.	To suit hose	JIC/UNF	Mat	Colour
236-18006BK	200-06	9/16 x 18	D	black
236-18008BK	200-08	3/4 x 16	D	black
236-18010BK	200-10	7/8 x 14	D	black
236-18012BK	200-12	1 1/16 x 12	D	black
236-18016BK	200-16	1 5/16 x 12	D	black

**SOCKET 236BK**

Socket

Part No.	To suit hose	JIC/UNF	Mat	Colour
1207-06DBK	200-06	9/16 x 18	D	black
1207-08DBK	200-08	3/4 x 16	D	black
1207-10DBK	200-10	7/8 x 14	D	black
1207-12DBK	200-12	1 1/16 x 12	D	black



Top Tip: Please see assembly instructions in the 'Assembly instructions and Technical Information' section at the back of the catalogue.

**236/1136 JIC****fittings**

The 236 fittings are reusable fittings designed for use with the 200 & 210 series hose ranges. The triple seal/double O-ring nitrile, cutter design ensures a secure leak free connection, easily assembled using basic hand tools.

The 1136 fittings use a single nipple design, available in straight, 45° & 90° options; AN-04 only.

**The 1136 and 236 fitting alignments can be adjusted in situ.**

**Fitting type:**

Reusable

**Fluid applications:**

Fuel, Oil, Coolant, Water and Methanol.

**Compatible hose:**

200 &amp; 210

**Material:**

D = Aluminium (Red &amp; Blue)

BK = Aluminium (Black)

**336 JIC fittings**

The 336 fittings are reusable fittings designed for use with the 200 & 210 series hose ranges; featuring a forged elbow for superior strength and rigidity. In addition, a lower profile is useful for restricted access locations.

A triple seal/double O-ring, nitrile cutter design ensures a secure leak free connection; easily assembled using basic hand tools.

**336-45****45° female forged elbow**

Part No.	To suit hose	JIC/UNF	Mat	Colour
336-4506	200-06	9/16 x 18	D	red/blue
336-4508	200-08	3/4 x 16	D	red/blue
336-4510	200-10	7/8 x 14	D	red/blue
336-4512	200-12	1 1/16 x 12	D	red/blue

**336-90****90° female forged elbow**

Part No.	To suit hose	JIC/UNF	Mat	Colour
336-9006	200-06	9/16 x 18	D	red/blue
336-9008	200-08	3/4 x 16	D	red/blue
336-9010	200-10	7/8 x 14	D	red/blue
336-9012	200-12	1 1/16 x 12	D	red/blue

**336-45BK****45° female forged elbow**

Part No.	To suit hose	JIC/UNF	Mat	Colour
336-4506BK	200-06	9/16 x 18	D	black
336-4508BK	200-08	3/4 x 16	D	black
336-4510BK	200-10	7/8 x 14	D	black
336-4512BK	200-12	1 1/16 x 12	D	black

**336-90BK****90° female forged elbow**

Part No.	To suit hose	JIC/UNF	Mat	Colour
336-9006BK	200-06	9/16 x 18	D	black
336-9008BK	200-08	3/4 x 16	D	black
336-9010BK	200-10	7/8 x 14	D	black
336-9012BK	200-12	1 1/16 x 12	D	black

**Fitting type:**  
Reusable

**Fluid applications:**  
Fuel, Oil, Coolant, Water and  
Methanol.

**Compatible hose:**  
200 & 210

**Material:**  
*D = Aluminium (Red & Blue)*

**Notes:**  
*Not available in AN-04*

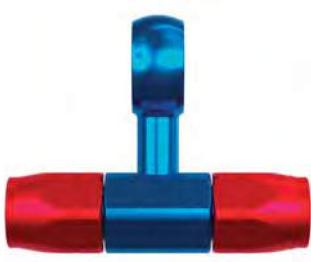
**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**2776-1106**

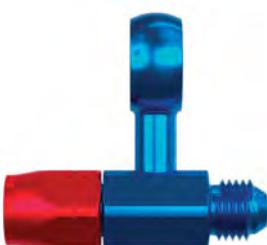
Banjo to hose end

Part No.	To suit hose	Colour	JIC/UNF	Mat
2776-1106	-06	red-blue	-	D

**2776-2106**

Banjo to hose connection

Part No.	To suit hose	Colour	JIC/UNF	Mat
2776-2106	-06	red-blue	-	D

**2776-3106**

Banjo to hose end to male on run

Part No.	To suit hose	Colour	JIC/UNF	Mat
2776-3106	-06	red-blue	9/16 x 18	D

**2776-06-M12**

Banjo bolt for carburetor

Part No.	Note	Colour	Thread	Mat
2776-06-M122D	requires CW901-M16 washer	red	M12 x 1,25 (Dellorto)	D
2776-06-M12D	requires CW901-M16 washer	red	M12 x 1,5 (Weber)	D

**Note:**

Please see Ancillary (13) section for Aluminium crush washers

**2776 JIC fittings**

Manufactured for use with the 200 & 210 series hose ranges, the 2776 fittings are designed for carburettor applications. A triple seal/double O-ring, nitrile cutter design ensures a secure leak free connection; easily assembled using basic hand tools. The 2776 range is accompanied by anodised aluminium carburettor bolts and washers.

Please see Ancillary (13) section for Aluminium crush washers.

**Fitting type:**

Reusable

**Applications:**

Weber, Holley &amp; Dellorto carburettors.

**Compatible hose:**

200 &amp; 210

**Material:**

D = Aluminium (Red &amp; Blue)

**Notes:**

Only available in AN-06



Top Tip: Please see assembly instructions in the 'Assembly instructions and Technical Information' section at the back of the catalogue.

## 2776 JIC fittings

Manufactured for use with the 200 & 210 series hose ranges, the 2776 fittings are designed for carburettor applications. A triple seal/double O-ring, nitrile cutter design ensures a secure leak free connection; easily assembled using basic hand tools.

The 2776 range includes anodised aluminium carburettor bolts and washers.

*Please see Ancillary (13) section for Aluminium crush washers.*

### 2776-1106BK



Banjo to hose end

Part No.	To suit hose	Colour	JIC/UNF	Mat
2776-1106BK	-06	black	-	D

### 2776-2106BK



Banjo to hose connection

Part No.	To suit hose	Colour	JIC/UNF	Mat
2776-2106BK	-06	black	-	D

### 2776-3106BK



Banjo to hose end to male on run

Part No.	To suit hose	Colour	JIC/UNF	Mat
2776-3106BK	-06	black	9/16 x 18	D

### 2776-06-M12BK



Banjo bolt for carburetor

Part No.	Note	Colour	Thread	Mat
2776-06-M122DBK	requires CW901-M16 washer	black	M12 x 1,25 (Dellorto)	D
2776-06-M12DBK	requires CW901-M16 washer	black	M12 x 1,5 (Weber)	D

#### Note:

*Please see Ancillary (13) section for Aluminium crush washers*

#### Fitting type:

Reusable

#### Applications:

Weber, Holley & Dellorto carburetors.

#### Compatible hose:

200 & 210

#### Material:

DBK = Aluminium (Black)

#### Notes:

Only available in AN-06

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**936****Hose finisher**

Part No.	Colour	Suit 200/210 hose	Suit 202 hose	Suit TF-TU25 hose
936-04DB	Blue	-04 & -05	-04	-
936-04DBK	Black	-04 & -05	-04	-
936-04DCH	Chrome	-04 & -05	-04	-
936-04DR	Red	-04 & -05	-04	-
936-06DB	Blue	-06 & -07	-05 & -06	-04
936-06DBK	Black	-06 & -07	-05 & -06	-04
936-06DCH	Chrome	-06 & -07	-05 & -06	-04
936-06DR	Red	-06 & -07	-05 & -06	-04
936-08DB	Blue	-08	-	-06
936-08DBK	Black	-08	-	-06
936-08DCH	Chrome	-08	-	-06
936-08DR	Red	-08	-	-06
936-10DB	Blue	-10	-	-08
936-10DBK	Black	-10	-	-08
936-10DCH	Chrome	-10	-	-08
936-10DR	Red	-10	-	-08
936-12DB	Blue	-12	-	-10
936-12DBK	Black	-12	-	-10
936-12DCH	Chrome	-12	-	-10
936-12DR	Red	-12	-	-10
936-16DB	Blue	-16	-	-
936-16DBK	Black	-16	-	-
936-16DCH	Chrome	-16	-	-
936-16DR	Red	-16	-	-

**936 Hose finishers**

Manufactured for use with the 200, 210 & 202 series hose ranges, the 936 hose finishers are designed for push fit applications. The internal gear drive clamp ensures a secure leak free connection; easily assembled using basic hand tools.

**Fluid Applications:**

Fuel, Oil, Coolants &amp; Water.

**Compatible hose:**

200, 210 &amp; 202

**Material:**Stainless steel gear drive clamp,  
Aluminium body.**Anodised aluminium colour:**

DCH = Chrome

DBU = Blue

DR = Red

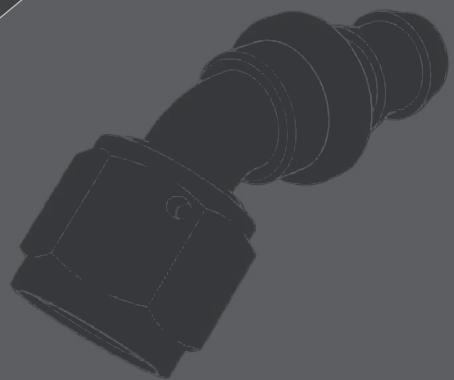
BK = Black



Top Tip: Please see assembly instructions in the 'Assembly instructions and Technical Information' section at the back of the catalogue.

**GOODRIDGE**

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05

536 SERIES  
HOSE AND FITTINGS

**GOODRIDGE**

## 536 series hose and fittings

Goodridge 536 series hose and TF-TU25 series hoses are designed for 'push fit' applications. The 536 series is a textile reinforced rubber hose with an abrasive resistant synthetic rubber (Nitrile & PVC) cover. Ideal for low pressure oil breather applications where the external stainless steel abrasive protection of the 200 series hose is not required.

The 536 hose **is not for 'in cockpit' use and not recommended for vacuum systems.** Compatible with 536 'sure lock' fittings. The TF-TU25 is a cotton reinforced rubber hose with a synthetic rubber outer and oil resisting compound inner. Ideal for use with low pressure push fit applications and safe to be used with fuel. **Not for use 'in cockpit' and not recommended for vacuum systems.**

Compatible with push fit hose tails.

### Benefits:

- Uninterrupted flow
- Burst pressure up to 1146 PSI / 79 BAR (TF-TU25)
- Temperature resistance from -40°C to 100°C (536)
- Bend radius to 40mm (TF-TU25-04)

### Features:

- Smooth bore
- Textile reinforced
- Rubber lined
- Synthetic rubber covering

Ideal for  
'Push fit'  
applications

Not for use  
'in cockpit'

## Which hose do I need?

536 and TF-TU25 hose comparison chart:

Hose range	536 'sure lock' fitting compatible	Push fit Compatible	Oil, Coolant, Air & Water	Fuel
536/B	X	X	X	
TF-TU25		X		X

### Fitting Type:

Push fit

### Fluid applications:

\*Fuel, Oil, Coolant, Air & Water.

### Compatible fittings:

536 fittings & 936 hose finishers

### Notes:

\*536 not compatible with all fuel types. Please contact Goodridge.

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**Fluid applications:**

\*Fuel, Oil, Coolant, Air &amp; Water.

**Compatible fittings:**

536 fittings &amp; 936 hose finishers

**Notes:**

Not compatible with all fuel types.

Please contact Goodridge.

**536 HOSE SERIES**

The 536 series is a textile reinforced rubber hose with a blue elastomer cover. Ideal for low pressure applications where the external abrasive protection of the 200 series hose is not required.



Data in this table is for the hose only

Part No.	Dash Size	Max Bore Size mm / inches	Outer Diameter mm / inches	Working Press Bar / Psi	Burst Pres Bar / Psi	Weight Kg/M / Lb/Ft	Min Bend Rad mm / inches	Temp Range °C / °F
536-04	-04	6,35 (0,250)	12,70 (0,499)	17 (247)	69 (1001)	0,10 (0,067)	76,20 (3,00)	-40/+100 (-40/+212)
536-06	-06	9,52 (0,374)	15,87 (0,624)	17 (247)	69 (1001)	0,16 (0,108)	76,20 (3,00)	-40/+100 (-40/+212)
536-08	-08	12,70 (0,499)	19,05 (0,749)	17 (247)	69 (1001)	0,22 (0,148)	127,00 (5,00)	-40/+100 (-40/+212)
536-10	-10	15,87 (0,624)	23,00 (0,904)	17 (247)	69 (1001)	0,30 (0,202)	152,40 (6,00)	-40/+100 (-40/+212)
536-12	-12	19,05 (0,749)	26,19 (1,029)	17 (247)	69 (1001)	0,36 (0,242)	177,80 (7,00)	-40/+100 (-40/+212)

**536B HOSE SERIES**

The 536B series is a textile reinforced rubber hose with a black elastomer cover. Ideal for low pressure applications where the external abrasive protection of the 200 series hose is not required.



Data in this table is for the hose only

Part No.	Dash Size	Max Bore Size mm / inches	Outer Diameter mm / inches	Working Press Bar / Psi	Burst Pres Bar / Psi	Weight Kg/M / Lb/Ft	Min Bend Rad mm / inches	Temp Range °C / °F
536-04B	-04	6,35 (0,250)	12,70 (0,499)	17 (247)	69 (1001)	0,10 (0,067)	76,20 (3,00)	-40/+100 (-40/+212)
536-06B	-06	9,52 (0,374)	15,87 (0,624)	17 (247)	69 (1001)	0,16 (0,108)	76,20 (3,00)	-40/+100 (-40/+212)
536-08B	-08	12,70 (0,499)	19,05 (0,749)	17 (247)	69 (1001)	0,22 (0,148)	127,00 (5,00)	-40/+100 (-40/+212)
536-10B	-10	15,87 (0,624)	23,00 (0,904)	17 (247)	69 (1001)	0,30 (0,202)	152,40 (6,00)	-40/+100 (-40/+212)
536-12B	-12	19,05 (0,749)	26,19 (1,029)	17 (247)	69 (1001)	0,36 (0,242)	177,80 (7,00)	-40/+100 (-40/+212)

**TF-TU25 HOSE SERIES**

The TFTU25 series is a cotton reinforced rubber hose with a black synthetic rubber outer and oil resisting seamless rubber compound inner. Ideal for low pressure applications where the external abrasive protection of the 200 series hose is not required.



Data in this table is for the hose only

Part No.	Dash Size	Max Bore Size mm / inches	Outer Diameter mm / inches	Working Press Bar / Psi	Burst Pres Bar / Psi	Weight Kg/M / Lb/Ft	Min Bend Rad mm / inches	Temp Range °C / °F
TF-TU25-04	-04	6,0 (0,236)	14,0 (0,551)	25 (363)	79 (1146)	0,15 Kg/m (0,100)	40 (1.575)	-40/+80 (-40/+176)
TF-TU25-06	-06	10,0 (0,393)	18,0 (0,709)	25 (363)	79 (1146)	0,25 Kg/m (0,170)	60 (2.362)	-40/+80 (-40/+176)
TF-TU25-08	-08	13,0 (0,512)	21,0 (0,827)	25 (363)	79 (1146)	0,30 Kg/m (0,202)	80 (3.150)	-40/+80 (-40/+176)
TF-TU25-10	-10	16,0 (0,630)	25,0 (0,984)	25 (363)	78 (1131)	0,40 Kg/m (0,269)	100 (394)	-40/+80 (-40/+176)

## 536 JIC fittings

The 536 series fittings are designed for use with the 536 and 536B hose ranges.

Goodridge developed the 'sure lock' barbed tails specifically for use with the 536 hose range to ensure a simple, safe and reliable connection. In addition, the 536 hose can be turned on the barbed fitting tail for alignment in situ.

536-01



Straight Female Concave Seat

Part No.	To suit hose	JIC/UNF
536-0104	536-04	7/16" x 20
536-0106	536-06	9/16" x 18
536-0108	536-08	3/4" x 16
536-0110	536-10	7/8" x 14
536-0112	536-12	1 1/16" x 12

536-45



45° swept tube female concave seat

Part No.	To suit hose	JIC/UNF
536-4504	536-04	7/16" x 20
536-4506	536-06	9/16" x 18
536-4508	536-08	3/4" x 16
536-4510	536-10	7/8" x 14
536-4512	536-12	1 1/16" x 12

536-90



90° swept tube female concave seat

Part No.	To suit hose	JIC/UNF
536-9004	536-04	7/16" x 20
536-9006	536-06	9/16" x 18
536-9008	536-08	3/4" x 16
536-9010	536-10	7/8" x 14
536-9012	536-12	1 1/16" x 12

536-120



120° swept tube female concave seat

Part No.	To suit hose	JIC/UNF
536-12004	536-04	7/16" x 20
536-12006	536-06	9/16" x 18
536-12008	536-08	3/4" x 16
536-12010	536-10	7/8" x 14
536-12012	536-12	1 1/16" x 12

536-150



150° swept tube female concave seat

Part No.	To suit hose	JIC/UNF
536-15004	536-04	7/16" x 20
536-15006	536-06	9/16" x 18
536-15008	536-08	3/4" x 16
536-15010	536-10	7/8" x 14
536-15012	536-12	1 1/16" x 12

536-180



180° swept tube female concave seat

Part No.	To suit hose	Thread
536-18004	536-04	JIC 7/16" x 20
536-18006	536-06	JIC 9/16" x 18
536-18008	536-08	JIC 3/4" x 16
536-18010	536-10	JIC 7/8" x 14
536-18012	536-12	JIC 1 1/16" x 12

### Fluid applications:

Fuel, Oil, Coolant, Air and Water.

### Compatible hose:

536 and 536B

### Material:

D = Aluminium (Blue)

DBK = Aluminium (Black)

### Notes:

Once the hose is fitted it must be cut for the fitting to be removed.

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**536-01DBK****Straight Female Concave Seat**

Part No.	To suit hose	JIC/UNF
536-0104DBK	536-04	7/16" x 20
536-0106DBK	536-06	9/16" x 18
536-0108DBK	536-08	3/4" x 16
536-0110DBK	536-10	7/8" x 14
536-0112DBK	536-12	1 1/16" x 12

**536-45DBK****45° swept tube female concave seat**

Part No.	To suit hose	JIC/UNF
536-4504DBK	536-04	7/16" x 20
536-4506DBK	536-06	9/16" x 18
536-4508DBK	536-08	3/4" x 16
536-4510DBK	536-10	7/8" x 14
536-4512DBK	536-12	1 1/16" x 12

**536-90DBK****90° swept tube female concave seat**

Part No.	To suit hose	JIC/UNF
536-9004DBK	536-04	7/16" x 20
536-9006DBK	536-06	9/16" x 18
536-9008DBK	536-08	3/4" x 16
536-9010DBK	536-10	7/8" x 14
536-9012DBK	536-12	1 1/16" x 12

**536-120DBK****120° swept tube female concave seat**

Part No.	To suit hose	JIC/UNF
536-12006DBK	536-06	9/16" x 18
536-12008DBK	536-08	3/4" x 16
536-12010DBK	536-10	7/8" x 14
536-12012DBK	536-12	1 1/16" x 12

**536-150DBK****150° swept tube female concave seat**

Part No.	To suit hose	JIC/UNF
536-15006DBK	536-06	9/16" x 18
536-15008DBK	536-08	3/4" x 16
536-15010DBK	536-10	7/8" x 14
536-15012DBK	536-12	1 1/16" x 12

**536-180DBK****180° swept tube female concave seat**

Part No.	To suit hose	JIC/UNF
536-18006DBK	536-06	9/16" x 18
536-18008DBK	536-08	3/4" x 16
536-18010DBK	536-10	7/8" x 14
536-18012DBK	536-12	1 1/16" x 12

**536BK JIC fittings**

The 536DBK series fittings are designed for use with the 536 and 536B hose ranges.

Goodridge developed the 'sure lock' barbed tails specifically for use with the 536 hose range to ensure a simple, safe and reliable connection. In addition, the 536 hose can be turned on the barbed fitting tail for alignment in situ.

**Fluid applications:**

Fuel, Oil, Coolant, Air and Water.

**Compatible hose:**

536 and 536B

**Material:**

D = Aluminium (Blue)

DBK = Aluminium (Black)

**Notes:**

Once the hose is fitted it must be cut for the fitting to be removed.

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06

BUILDALINE

**GOODRIDGE**

# **buildaline**

Everything you need to build your own brake & clutch lines.

- Stainless steel braided PTFE lined hose
- Line length from 200mm to 1700mm (increments of 25mm)
- Stainless steel screw fit banjo fittings in 20°, 45°, 70°, 90° and straight
- Hose assemblies pressure tested to 2000 PSI
- FMVSS 106 and DOT compliant

No  
pre- alignment  
required

Easy to install



**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**1. SELECT FITTINGS**

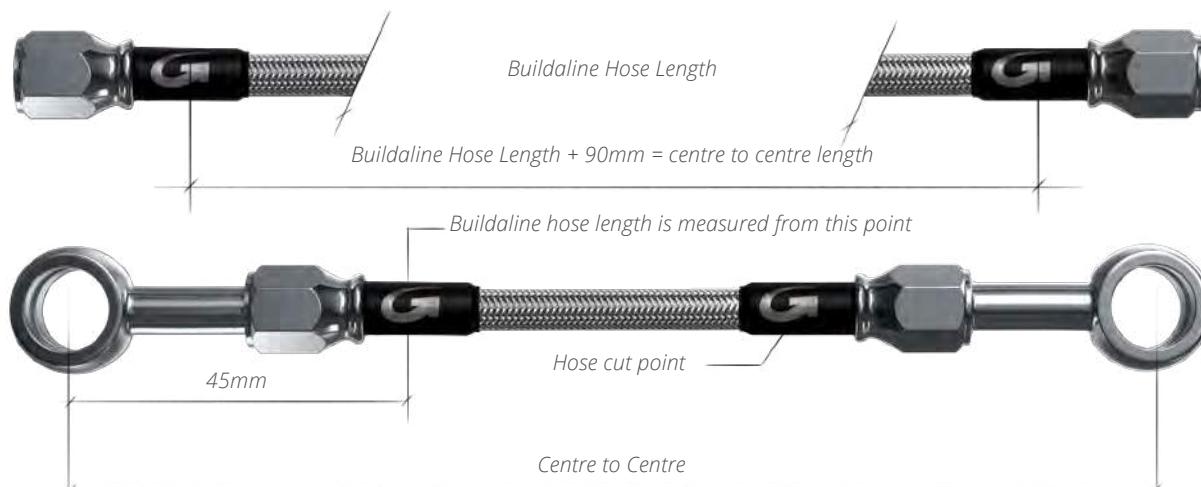
Select the appropriate fittings, adaptors and T-Pieces. *Fittings can be aligned on installation.*

**2. SELECT REQUIRED HOSE LENGTH**

Buildaline hoses are manufactured from 200mm to 1700mm (25mm increments). Measuring from the existing centre of banjo bolt to existing centre of banjo bolt, adding 90mm to take account of the fittings at each end, will give you the correct Buildaline length to order.

\*Custom lengths available in 25mm increments. Please contact us.

\*Remember to consider suspension travel when selecting hose lengths.

**3. SELECT BOLTS****4. SELECT ANCILLARIES**

Select the appropriate fittings, adaptors and T-Pieces.

**INSTALLATION GUIDE**

**1.** Fit in place the banjo adaptors with the bolts and the correct amount of washers. Our recommended torque setting for this is 14 – 24 ft/lbs. This torque setting is advisory for the fittings, **NOT** for your master cylinder or calipers. **Care must be taken not to damage either your master cylinder or calipers.**

Please also ensure that you have chosen the correct threaded bolt for your application.

**2.** Locate the correct length hose. Route the hose safely, ensuring that it cannot be damaged by daily use of your bike, when the steering is at full lock. Use tube clamps if necessary (**SBKPLCC-05**) to help with the routing.

**3.** Screw the hose onto the banjo adaptors, making sure that it has been fully tightened.

**Tip** - As a rough guide, finger tight then a  $\frac{1}{4}$  turn will give you 14 ft/lbs.

**4.** P-Clips (**SBKPLCC-05**) are available to ensure that your hoses are routed correctly.

**5.** Bleed your brakes correctly and carefully following any special bleeding sequence as recommended in your bike manual. Use the manufacturers recommended brake fluid. Goodridge recommend a high quality DOT 4 fluid

**6. TEST FOR ANY LEAKS**

**7.** After using your bike for the first time, we recommend that you give your brakes and fittings a thorough inspection to check for any leaks.

**If any leaks are present, tighten your fittings and repeat step 5 once more.**

**1. BANJO FITTINGS**

Part No.	Description	Hole (mm)
SBK592-03C	Straight	10
SBK593-03C	20°	10
SBK597-03C	20° (Side bend)	10
SBK593R-03C	20° (Compound right)	10
SBK593L-03C	20° (Compound left)	10

Part No.	Description	Hole (mm)
SBK594-03C	45°	10
SBK594R-03C	45° (Compound right)	10
SBK594L-03C	45° (Compound left)	10
SBK570-03C	70°	10
SBK599-03C SBK599S-03C	90° 90° (side)	10

**2. AVAILABLE HOSE LENGTHS**

Part No	Hose length
SB30200CL	200mm Hose
SB30225CL	225mm Hose
SB30250CL	250mm Hose
SB30275CL	275mm Hose
SB30300CL	300mm Hose
SB30325CL	325mm Hose
SB30350CL	350mm Hose
SB30375CL	375mm Hose
SB30400CL	400mm Hose
SB30425CL	425mm Hose
SB30450CL	450mm Hose
SB30475CL	475mm Hose
SB30500CL	500mm Hose
SB30525CL	525mm Hose
SB30550CL	550mm Hose
SB30575CL	575mm Hose
SB30600CL	600mm Hose
SB30625CL	625mm Hose
SB30650CL	650mm Hose
SB30675CL	675mm Hose
SB30700CL	700mm Hose
SB30725CL	725mm Hose
SB30750CL	750mm Hose
SB30775CL	775mm Hose
SB30800CL	800mm Hose
SB30825CL	825mm Hose
SB30850CL	850mm Hose
SB30875CL	875mm Hose
SB30900CL	900mm Hose
SB30925CL	925mm Hose
SB30950CL	950mm Hose
SB30975CL	975mm Hose
SB31000CL	1000mm Hose
SB31025CL	1025mm Hose
SB31050CL	1050mm Hose
SB31075CL	1075mm Hose
SB31100CL	1100mm Hose
SB31125CL	1125mm Hose
SB31150CL	1150mm Hose
SB31175CL	1175mm Hose
SB31200CL	1200mm Hose
SB31225CL	1225mm Hose
SB31250CL	1250mm Hose
SB31275CL	1275mm Hose

Part No	Hose length
SB31300CL	1300mm Hose
SB31325CL	1325mm Hose
SB31350CL	1350mm Hose
SB31375CL	1375mm Hose
SB31400CL	1400mm Hose
SB31425CL	1425mm Hose
SB31450CL	1450mm Hose

Part No	Hose length
SB31475CL	11475mm Hose
SB31500CL	1500mm Hose
SB31600CL	1600mm Hose
SB31700CL	1700mm Hose



**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**3. BOLTS**

Part No	Description	
SBK992-03-31SC	Single banjo bolt M10 (Brembo)	
SBK992-03-32C	Single banjo bolt M10 x 1.25	
SBK993-03-31SC	Double banjo bolt M10 (Brembo)	
SBK993-03-32C	Double banjo bolt M10 x 1.25	
SBK992-31BNSC	Single banjo bolt M10 (Brembo) with bleed nipple	

**4. ANCILLARIES**

Part No	Description	
SBK305-03-31C	M10 x 1.25	
SBK305-03-32C	M10 x 1.00	
5130-03C	3/8 JIC T-Piece	
SBKPLCC-05	P-Clip	
44516	Copper washer M10 (Pack of 10)	

**MOTORCYCLE BOLT THREAD GUIDE**

Manufacturer	Caliper/ Year	Bolt Thread
APRILIA	All	M10x1.0 Short
BIMOTA	All	M10x1.0 Short
BMW	All	M10x1.0 Short
CAGIVA	All	M10x1.0 Short
DUCATI	All	M10x1.0 Short
HONDA	Standard	M10x1.25
	Brembo	M10x1.0 Short
KAWASAKI	Standard	M10x1.25
	Brembo	M10x1.0 Short
MOTO GUZZI	All	M10x1.0 Short
SUZUKI	Standard Pre 94	M10x1.0
	Standard 94-02 Front	M10x1.25
	Standard 94-02 Rear	M10x1.0
	Standard 02 on	M10x1.25
TRIUMPH	Pre Hinckley	3/8x24
	Hinckley Models Standard	M10x1.25
	Hinckley Models Brembo	M10x1.0 Short
YAMAHA	All	M10x1.25

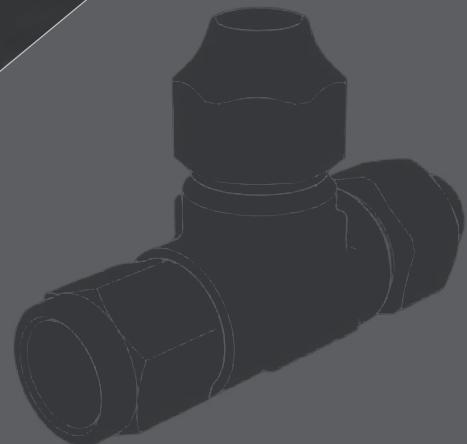
**Please note:** This is a guide only and some models may vary.  
If in doubt please contact your local Goodridge distributor for more information.



**GOODRIDGE**

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07

## HARDLINE AND FITTINGS

**GOODRIDGE**

## Hardline 836 Series

Goodridge supply a range of stainless steel and aluminium hard line to suit high pressure applications. Often used in combination with flexi-hose to make up a complete hose assembly.

Stainless steel hard line is available in AN-03, ideal for brake and clutch systems. Aluminium hard line is available in AN-04 and AN-06, ideal for air jack, fuel, oil and water systems.

A complete range of hard line fittings are also available to suit each individual application.

Please also see the '**adaptors**' section for T-Pieces and adaptors.

### Benefits:

- Uninterrupted flow
- Burst pressure up to 15228 PSI / 1050 BAR
- Bend radius to 15mm

### Features:

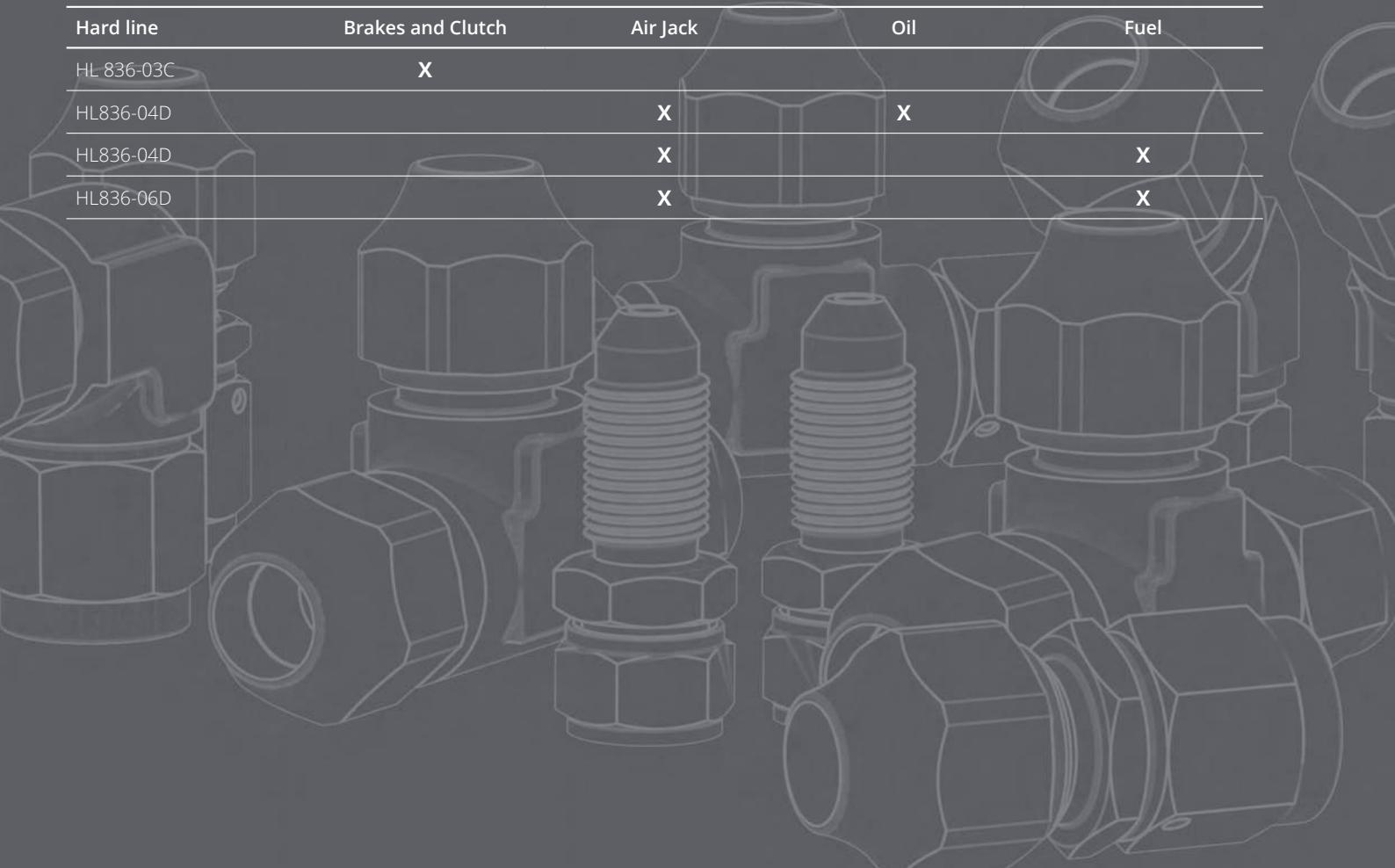
- Fitting range available
- Smooth bore
- Seamless

Contact us for  
CNC formed  
assemblies

## Which hard line do I need?

836 hard line comparison chart:

Hard line	Brakes and Clutch	Air Jack	Oil	Fuel
HL836-03C	X			
HL836-04D		X	X	
HL836-04D		X		X
HL836-06D		X		X



**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**Fluid applications:**

Brake and clutch systems.

**Material:**

Seamless Stainless/Mild Steel

**Notes:**

Supplied in 3m lengths

**Contact us for:**

CNC formed assemblies

Mild steel (B1213) 'Bundy tube' and Cupronickel equivalents (K1213)

**HL836 STAINLESS STEEL & MILD STEEL BUNDY TUBE**

Goodridge HL836 AN-03 Stainless steel hard line is ideal for brake and clutch applications.

Constructed of cold drawn seamless Stainless Steel, the hard line gives consistent flares and non-collapsing bends.

It is possible to flare the tube using a hand operated flaring tool.



Data in this table is for the hardline only

Part No.	Dash Size	Max Bore Size mm / inches	Wall Thickness mm / inches	Outer Diameter mm / inches	Working Press Bar / Psi	Burst Pres Bar / Psi	Weight Kg / Lb/Ft	Min Bend Rad mm / inches
HL836-03C	-03	3,36 (0,133)	0,72 (0,028)	4,80 (0,189)	350 (5076)	1050 (15228)	0,071 (0,048)	15,00 (0,59)
B1213	-03	3,36 (0,133)	0,72 (0,028)	4,80 (0,189)	350 (5076)	1050 (15228)	0,071 (0,048)	15,00 (0,59)

**HL836 ALUMINIUM**

Goodridge HL836 AN-04 and AN-06 Aluminium hard line is the ultimate light weight hard line solution; ideal for air jack, fuel, oil and water applications.

The Hycot® tube is a corrosion resistant, light weight, precision drawn aluminium tube with a polyamide coating; providing strength and rigidity whilst allowing it to be formed to suit the installation. HL 836 fitting design does not require the tube to be flared, in addition a range of banjo, tee-piece, male and female fittings are available to complete the installation of complex systems, in tight environments.



Data in this table is for the hardline only

Part No.	Dash Size	Max Bore Size mm / inches	Wall Thickness mm / inches	Outer Diameter mm / inches	Working Press Bar / Psi	Burst Pres Bar / Psi	Weight Kg / Lb/Ft	Min Bend Rad mm / inches
HL836-04D	-04	6,00 (0,236)	1,00 (0,039)	8,00 (0,315)	95 (1378)	290 (4206)	0,059 (0,040)	15,00 (0,59)
HL836-06D	-06	8,00 (0,315)	1,00 (0,039)	10,00 (0,394)	95 (1378)	290 (4206)	0,095 (0,064)	15,00 (0,59)

**CUPRO-NICKEL TUBE****Fluid applications:**

Brake and clutch systems.

**Material:**

Cupro-Nickel

**Notes:**

Supplied in 7.2m lengths (coiled)



Data in this table is for the hardline only

Part No.	Dash Size	Max Bore Size mm / inches	Wall Thickness mm / inches	Outer Diameter mm / inches	Working Press Bar / Psi	Burst Pres Bar / Psi	Weight Kg / Lb/Ft	Min Bend Rad mm / inches
K1213	-03	3,10 (0,122)	1,65 (0,064)	4,75 (0,188)	322 (4670)	965 (14000)	0,071 (0,048)	15,00 (0,59)

## **HL836** Stainless steel AN-03 fittings

Goodridge HL836 AN-03 Stainless Steel hard line range includes bespoke fittings for brake and clutch applications.

**N8000**

Male tube nut

Part No.	To suit	Thread	Mat
<b>N8401</b>	<i>HL836-03C</i>	<i>M10 x 1,00 SHORT</i>	<i>P</i>
<b>N8402</b>	<i>HL836-03C</i>	<i>M10 x 1,00 LONG</i>	<i>P</i>
<b>N8412</b>	<i>HL836-03C</i>	<i>M12 x 1,00</i>	<i>P</i>
<b>N8426</b>	<i>HL836-03C</i>	<i>3/8 x 24</i>	<i>P</i>
<b>N8426C</b>	<i>HL836-03C</i>	<i>3/8 x 24</i>	<i>C</i>
<b>N8462</b>	<i>HL836-03C</i>	<i>7/16 x 20</i>	<i>P</i>

**AN818**

Female tube nut (to be used with 819)

Part No.	To suit	Thread	Mat
<b>818-31C</b>	<i>HL836-03C</i>	<i>M10 x 1,00</i>	<i>C</i>
<b>AN818-03C</b>	<i>HL836-03C</i>	<i>3/8 x 24</i>	<i>C</i>

**AN819**

Tube sleeve (to be used with 818)

Part No.	To suit	Thread	Mat
<b>AN819-03C</b>	<i>HL836-03C</i>	-	<i>C</i>

**N1400**

Female tube nut

Part No.	To suit	Thread	Mat
<b>N1401</b>	<i>HL836-03C</i>	<i>M10 x 1,00</i>	<i>P</i>
<b>N1406</b>	<i>HL836-03C</i>	<i>3/8 x 24</i>	<i>P</i>
<b>N1460</b>	<i>HL836-03C</i>	<i>7/16 x 20</i>	<i>P</i>

**Fitting type:**

Tube nut

**Compatible hard line:**

HL 836 (AN-03)

**Material:**

P = Zinc plated carbon steel

C = Stainless Steel



Top Tip: Please see assembly instructions in the 'Assembly instructions and Technical Information' section at the back of the catalogue.

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**HL821**

Straight female swivel

Part No.	To suit	JIC/UNF	Mat
<b>HL821-0406D</b>	<i>HL836-04D</i>	9/16 x 18	D
<b>HL821-04D</b>	<i>HL836-04D</i>	7/16 x 20	D
<b>HL821-06D</b>	<i>HL836-06D</i>	9/16 x 18	D

**HL822**

45° female swivel

Part No.	To suit	JIC/UNF	Mat
<b>HL822-06D</b>	<i>HL836-06D</i>	9/16 x 18	D

**HL823**

90° female swivel

Part No.	To suit	JIC/UNF	Mat
<b>HL823-0406D</b>	<i>HL836-04D</i>	9/16 x 18	D
<b>HL823-04D</b>	<i>HL836-04D</i>	7/16 x 20	D
<b>HL823-06D</b>	<i>HL836-06D</i>	9/16 x 18	D

**HL591**

Straight banjo

Part No.	To suit hose	Hole size	JIC/UNF	Mat
<b>HL591-06D</b>	<i>HL836-06D</i>	14,29 mm	9/16 x 18	D

**HL811**

Coupler

Part No.	To suit hose	Mat
<b>HL811-06D</b>	<i>HL836-06D</i>	D

**HL814**

Tee piece

Part No.	To suit hose	Mat
<b>HL814-06D</b>	<i>HL836-06D</i>	D

**HL836 Aluminium  
AN-04 & 06 JIC fittings**

Goodridge HL836 AN-04 and AN-06 Aluminium hard line is accompanied by a range of bespoke fittings for air jack, fuel, oil and water applications.

**Fitting type:**  
*Reusable tube connectors*
**Compatible hard line:**  
*HL 836 (AN-04 & AN-06)*
**Material:**  
*D = Aluminium*

### **HL836** Aluminium AN-04 & 06 JIC fittings

Goodridge HL836 AN-04 and AN-06 Aluminium hard line is accompanied by a range of bespoke fittings for air jack, fuel, oil and water applications.

**HL824**

Tee piece with female swivel on the run

Part No.	To suit	JIC/UNF	Mat
<b>HL824-06D</b>	<i>HL836-06D</i>	9/16 x 18	D

**HL854**

Tee piece with female swivel on leg

Part No.	To suit	JIC/UNF	Mat
<b>HL854-06D</b>	<i>HL836-06D</i>	9/16 x 18	D

**HL831**

Straight male

Part No.	To suit	JIC/UNF	Mat
<b>HL831-0406D</b>	<i>HL836-04D</i>	9/16 x 18	D
<b>HL831-06D</b>	<i>HL836-06D</i>	9/16 x 18	D

**HL841**

Straight male bulkhead

Part No.	To suit	JIC/UNF	Mat
<b>HL841-06D</b>	<i>HL836-06D</i>	9/16 x 18	D

**HL837**

45° male bulkhead

Part No.	To suit	JIC/UNF	Mat
<b>HL837-06D</b>	<i>HL836-06D</i>	9/16 x 18	D

**HL843**

90° male bulkhead

Part No.	To suit	JIC/UNF	Mat
<b>HL843-06D</b>	<i>HL836-06D</i>	9/16 x 18	D

**Fitting type:**  
Reusable tube connectors

**Compatible hard line:**  
HL 836 (AN-04 & AN-06)

**Material:**  
D = Aluminium

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**1209**

## Replacement olive

Part No.	To suit hose	Mat
<b>1209-04D</b>	<i>HL836_04D</i>	<i>D</i>
<b>1209-06D</b>	<i>HL836_06D</i>	<i>D</i>

**1210**

## Replacement socket

Part No.	To suit hose	Mat
<b>1210-04D</b>	<i>HL836_04D</i>	<i>D</i>
<b>1210-06D</b>	<i>HL836_06D</i>	<i>D</i>

**AN924**

## Nut

Part No.	JIC/UNF	Mat	Note
<b>AN924-06D</b>	<i>9/16 x 18</i>	<i>D</i>	-
<b>AN924-06DBK</b>	<i>9/16 x 18</i>	<i>D</i>	<i>Black</i>

**HL836 Aluminium**  
**AN-04 & 06 JIC fittings**

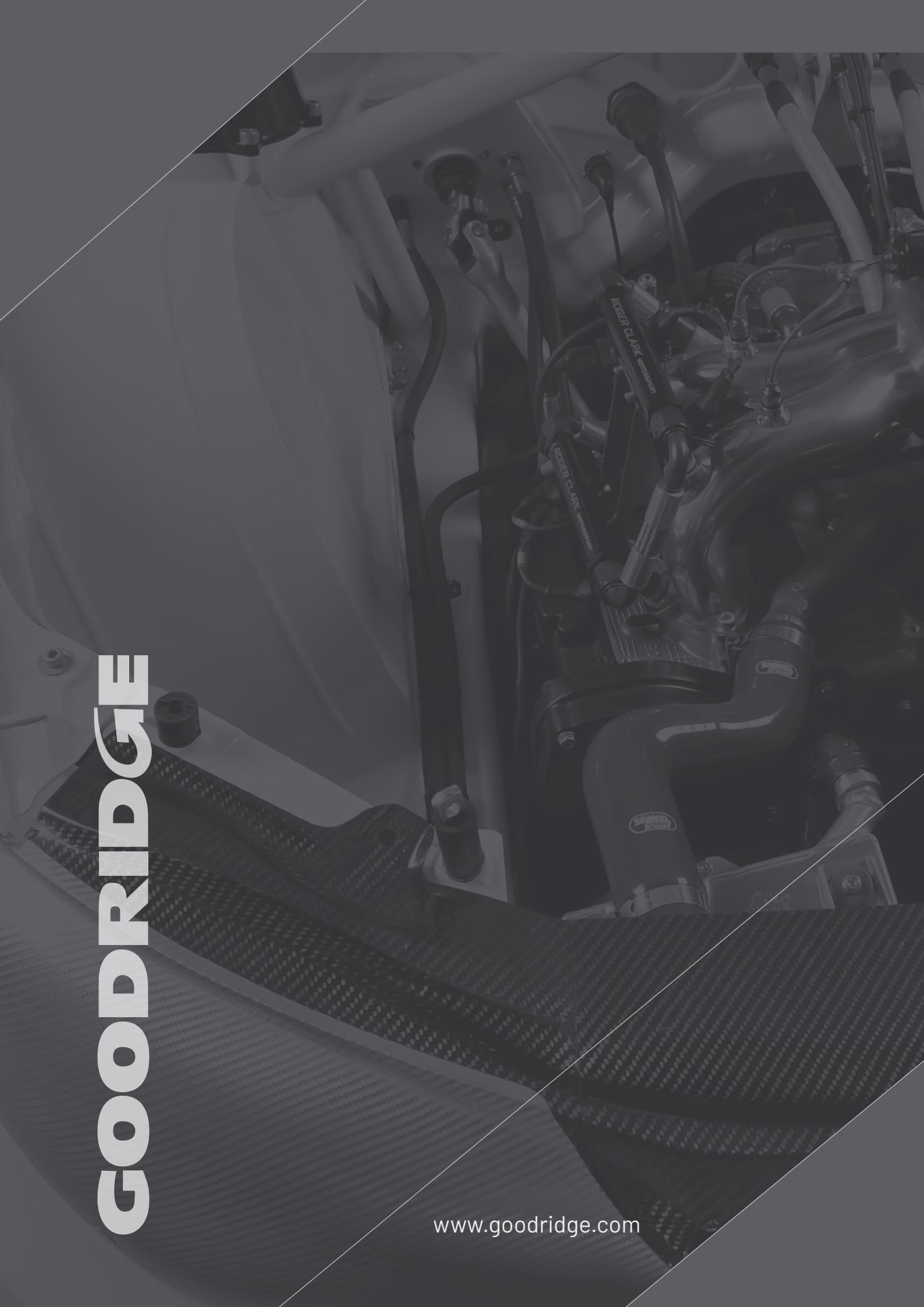
Goodridge HL836 AN-04 and AN-06 Aluminium hard line is accompanied by a range of bespoke fittings for air jack, fuel, oil and water applications.

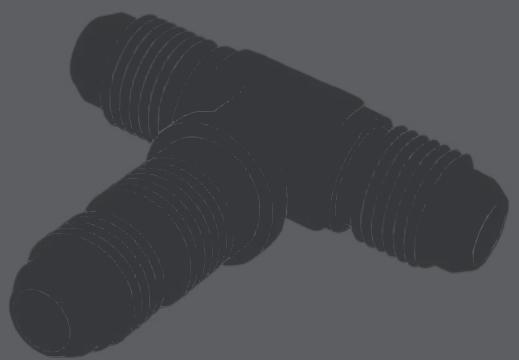
**Fitting type:**  
*Reusable tube connectors*
**Compatible hard line:**  
*HL 836 (AN-04 & AN-06)*
**Material:**  
*D = Aluminium*


Top Tip: Please see assembly instructions in the 'Assembly instructions and Technical Information' section at the back of the catalogue.

**GOODRIDGE**

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08

ADAPTORS

**GOODRIDGE**

## Adaptors

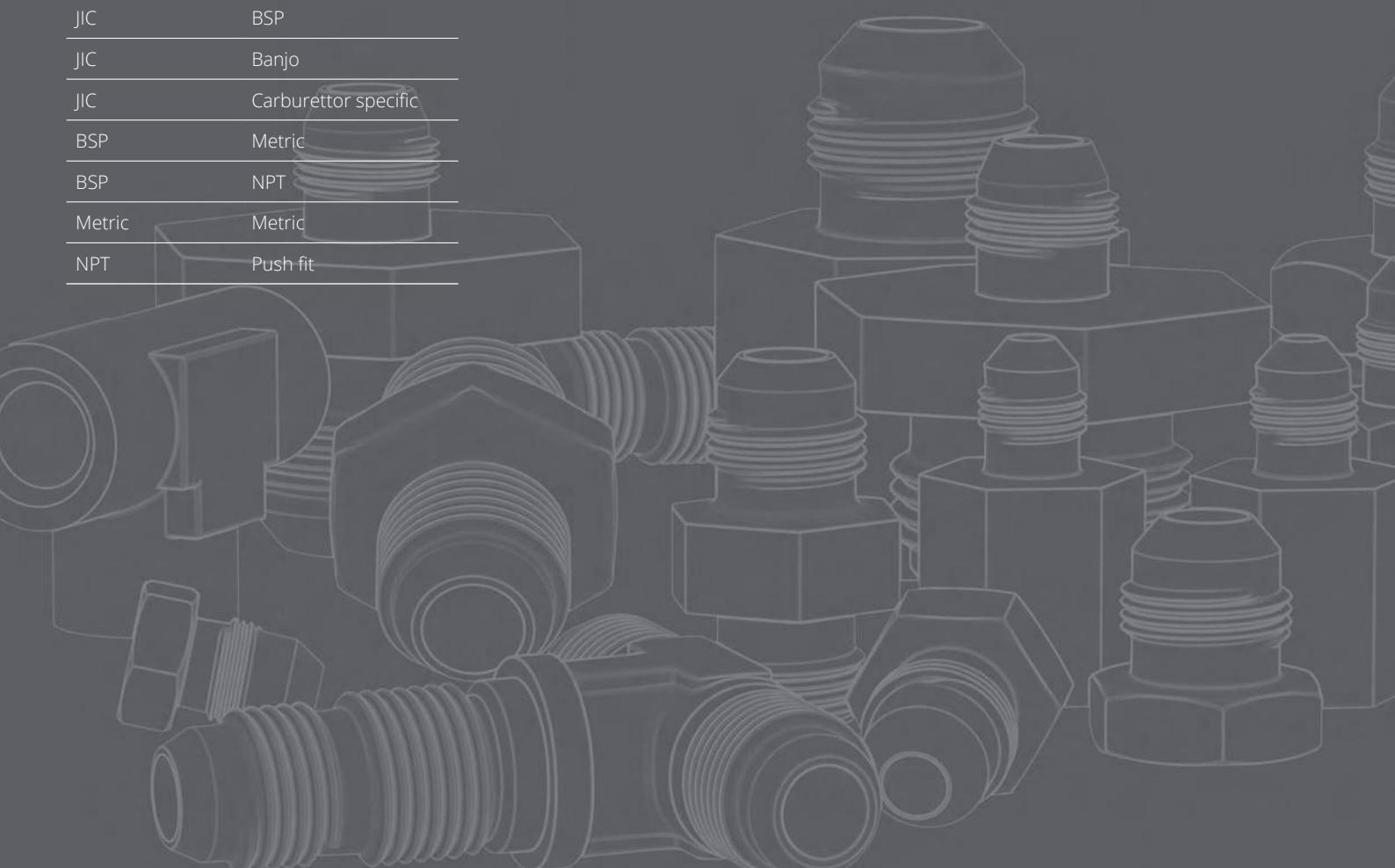
Whether you are building a racing car/bike or custom project, Goodridge supply adaptors, plugs and T-Pieces to suit a wide range of applications.

In addition, 'special' adaptors including carburettor specific, fuel sensor take off's, power steering and pressure switch adaptors are available.

At the end of this section you will find brake adaptors – used to convert a wide variety of OEM braking hardware to JIC/UNF threads, ready to accept stainless steel braided brake lines.

### Adaptors are available in the following configurations:

Thread A	Thread B
JIC	JIC
JIC	NPT
JIC	Metric
JIC	BSP
JIC	Banjo
JIC	Carburettor specific
BSP	Metric
BSP	NPT
Metric	Metric
NPT	Push fit



**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**815****Equal male**

Part No.	JIC/UNF	Mat	Note
815-02C	5/16 x 24	C	-
815-03C	3/8 x 24	C	-
815-03CH	3/8 x 24	CH	-
815-03P	3/8 x 24	P	-
815-04C	7/16 x 20	C	-
815-04P	7/16 x 20	P	-
815-06P	9/16 x 18	P	-
815-08P	3/4 x 16	P	-
815-10P	7/8 x 14	P	-
815-12P	1 1/16 x 12	P	-
815-16P	1 5/16 x 12	P	-

**JIC to JIC equal thread Adaptors****AN815**

AN815-02D	5/16 x 24	D	-
AN815-03D	3/8 x 24	D	-
AN815-04D	7/16 x 20	D	-
AN815-04DBK	7/16 x 20	D	Black
AN815-05D	1/2 x 20	D	-
AN815-06D	9/16 x 18	D	-
AN815-06DBK	9/16 x 18	D	Black
AN815-08D	3/4 x 16	D	-
AN815-08DBK	3/4 x 16	D	Black
AN815-10D	7/8 x 14	D	-
AN815-10DBK	7/8 x 14	D	Black
AN815-12D	1 1/16 x 12	D	-
AN815-12DBK	1 1/16 x 12	D	Black
AN815-16D	1 5/16 x 12	D	-
AN815-16DBK	1 5/16 x 12	D	Black

**815V****Equal male convex-concave**

Part No.	JIC/UNF	Mat	Note
815-03VC	3/8 x 24	C	-
815-03VCH	3/8 x 24	CH	-
815-03VP	3/8 x 24	P	-

**AN821****90° elbow male**

Part No.	JIC/UNF	Mat	Note
AN821-03C	3/8 x 24	C	-
AN821-03D	3/8 x 24	D	-
AN821-04D	7/16 x 20	D	-
AN821-06D	9/16 x 18	D	-
AN821-06DBK	9/16 x 18	D	Black
AN821-08D	3/4 x 16	D	-
AN821-08DBK	3/4 x 16	D	Black
AN821-10D	7/8 x 14	D	-
AN821-12D	1 1/16 x 12	D	-
AN821-16D	1 5/16 x 12	D	-

**Fitting type:***Adaptor***Material:**

C, CH, D, P, Z1

**Colour:**

D= Blue (Unless stated)

**Please note:**

When ordering parts available in steel or Stainless Steel, please remove the 'AN' prefix.

**Example part no:**

AN804-03D = Aluminium

804-03C = Stainless Steel

**JIC to JIC equal thread  
Adaptors**
**AN824****AN827****832****AN832**

**Fitting type:**  
Adaptor

**Material:**  
*C, CH, D, P, Z1*

**Colour:**  
*D= Blue (Unless stated)*

**Please note:**  
*When ordering parts available  
in steel or Stainless Steel, please  
remove the 'AN' prefix.*

**Example part no:**  
AN804-03D = Aluminium  
804-03C = Stainless Steel

**Male tee**

Part No.	JIC/UNF	Mat	Note
AN824-03C	3/8 x 24	C	-
AN824-03D	3/8 x 24	D	-
AN824-04C	7/16 x 20	C	-
AN824-04D	7/16 x 20	D	-
AN824-04DBK	7/16 x 20	D	<i>Black</i>
AN824-06D	9/16 x 18	D	-
AN824-06DBK	9/16 x 18	D	<i>Black</i>
AN824-08D	3/4 x 16	D	-
AN824-08DBK	3/4 x 16	D	<i>Black</i>
AN824-10D	7/8 x 14	D	-
AN824-10DBK	7/8 x 14	D	<i>Black</i>
AN824-12D	1 1/16 x 12	D	-
AN824-12DBK	1 1/16 x 12	D	<i>Black</i>
AN824-16D	1 5/16 x 12	D	-

**Male 4 way**

Part No.	JIC/UNF	Mat	Note
AN827-04D	7/16 x 18	D	-
AN827-06D	9/16 x 18	D	-

**Male bulkhead**

Part No.	JIC/UNF	Mat	Note
832-03C	3/8 x 24	C	-
832-03P	3/8 x 24	P	-
832-04P	7/16 x 20	P	-
832-06P	9/16 x 18	P	-
AN832-03D	3/8 x 24	D	-
AN832-04C	7/16 x 20	C	-
AN832-04D	7/16 x 20	D	-
AN832-04DBK	7/16 x 20	D	<i>Black</i>
AN832-06D	9/16 x 18	D	-
AN832-06DBK	9/16 x 18	D	<i>Black</i>
AN832-08D	3/4 x 16	D	-
AN832-08DBK	3/4 x 16	D	<i>Black</i>
AN832-10D	7/8 x 14	D	-
AN832-10DBK	7/8 x 14	D	<i>Black</i>
AN832-12D	1 1/16 x 12	D	-
AN832-12DBK	1 1/16 x 12	D	<i>Black</i>
AN832-16D	1 5/16 x 12	D	-
AN832-16DBK	1 5/16 x 12	D	<i>Black</i>

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**AN837**

45° male bulkhead

Part No.	JIC/UNF	Mat	Note
AN837-03C	3/8 x 24	C	-
AN837-03D	3/8 x 24	D	-
AN837-04D	7/16 x 20	D	-
AN837-04DBK	7/16 x 20	D	Black
AN837-06D	9/16 x 18	D	-
AN837-06DBK	9/16 x 18	D	Black
AN837-08D	3/4 x 16	D	-
AN837-10D	7/8 x 14	D	-
AN837-12D	1 1/16 x 12	D	-
AN837-16D	1 5/16 x 12	D	-

**JIC to JIC equal thread Adaptors****AN833**

90° male bulkhead

Part No.	JIC/UNF	Mat	Note
AN833-03C	3/8 x 24	C	-
AN833-03D	3/8 x 24	D	-
AN833-04C	7/16 x 20	C	-
AN833-04D	7/16 x 20	D	-
AN833-04DBK	7/16 x 20	D	Black
AN833-06D	9/16 x 18	D	-
AN833-06DBK	9/16 x 18	D	Black
AN833-08D	3/4 x 16	D	-
AN833-08DBK	3/4 x 16	D	Black
AN833-10D	7/8 x 14	D	-
AN833-12D	1 1/16 x 12	D	-
AN833-12DBK	1 1/16 x 12	D	Black
AN833-16D	1 5/16 x 12	D	-

**AN804**

Bulkhead tee on run

Part No.	JIC/UNF	Mat	Note
AN804-03D	3/8 x 24	D	-
AN804-04D	7/16 x 20	D	-
AN804-06D	9/16 x 18	D	-
AN804-08D	3/4 x 16	D	-

**Fitting type:**  
Adaptor

**Material:**  
C, CH, D, P, Z1

**Colour:**  
D= Blue (Unless stated)

**Please note:**  
When ordering parts available  
in steel or Stainless Steel, please  
remove the 'AN' prefix.

**Example part no:**  
AN804-03D = Aluminium  
804-03C = Stainless Steel


Top Tip: Please see thread guide and Technical Information section at the back of the catalogue.

**JIC to JIC equal thread  
Adaptors**
**AN834****AN938****AN806**

**Fitting type:**  
Adaptor

**Material:**  
*C, CH, D, P, Z1*

**Colour:**  
*D= Blue (Unless stated)*

**Please note:**  
When ordering parts available  
in steel or Stainless Steel, please  
remove the 'AN' prefix.

**Example part no:**  
AN804-03D = Aluminium  
804-03C = Stainless Steel

**Male bulkhead tee**

Part No.	JIC/UNF	Mat	Note
AN834-03C	3/8 x 24	C	-
AN834-03D	3/8 x 24	D	-
AN834-04D	7/16 x 20	D	-
AN834-06D	9/16 x 18	D	-
AN834-06DBK	9/16 x 18	D	Black
AN834-08D	3/4 x 16	D	-
AN834-12D	1 1/16 x 12	D	-

**Female tee**

Part No.	JIC/UNF	Mat	Note
AN938-04D	7/16 x 20	D	-
AN938-06D	9/16 x 18	D	-
AN938-08D	3/4 x 16	D	-
AN938-10D	7/8 x 14	D	-
AN938-12D	1 1/16 x 12	D	-

**Plug**

Part No.	JIC/UNF	Mat	Note
AN806-02D	5/16 x 24	D	-
AN806-03D	3/8 x 24	D	-
AN806-04D	7/16 x 20	D	-
AN806-04DBK	7/16 x 20	D	Black
AN806-06D	9/16 x 18	D	-
AN806-06DBK	9/16 x 18	D	Black
AN806-08D	3/4 x 16	D	-
AN806-08DBK	3/4 x 16	D	Black
AN806-10D	7/8 x 14	D	-
AN806-10DBK	7/8 x 14	D	Black
AN806-12D	1 1/16 x 12	D	-
AN806-12DBK	1 1/16 x 12	D	Black
AN806-16D	1 5/16 x 12	D	-
AN806-16DBK	1 5/16 x 12	D	Black

**AN814**
**Port plug**

Part No.	JIC/UNF	Mat	Note
AN814-03D	3/8 x 24	D	-
AN814-04D	7/16 x 20	D	-
AN814-04DBK	7/16 x 20	D	Black
AN814-06D	9/16 x 18	D	-
AN814-06DBK	9/16 x 18	D	Black
AN814-08D	3/4 x 16	D	-
AN814-08DBK	3/4 x 16	D	Black
AN814-10D	7/8 x 14	D	-
AN814-10DBK	7/8 x 14	D	Black
AN814-12D	1 1/16 x 12	D	-

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**AN814SD**

Port plug with socket hex (o ring)

Part No.	JIC/UNF	Mat	Note
AN814-03SD	3/8 x 24	D	-
AN814-04SD	7/16 x 20	D	-
AN814-06SD	9/16 x 18	D	-

**AN818**

Tube nut

Part No.	JIC/UNF	Mat	Note
AN818-03D	3/8 x 24	D	-
AN818-04D	7/16 x 20	D	-
AN818-06D	9/16 x 18	D	-

(see sleeve on page 130)

**AN929**

Cap

Part No.	JIC/UNF	Mat	Note
AN929-02D	5/16 x 24	D	-
AN929-03D	3/8 x 24	D	-
AN929-04D	7/16 x 20	D	-
AN929-04DBK	7/16 x 20	D	Black
AN929-05D	1/2 x 20	D	-
AN929-06D	9/16 x 18	D	-
AN929-06DBK	9/16 x 18	D	Black
AN929-08D	3/4 x 16	D	-
AN929-08DBK	3/4 x 16	D	Black
AN929-10D	7/8 x 14	D	-
AN929-10DBK	7/8 x 14	D	Black
AN929-12D	1 1/16 x 12	D	-
AN929-12DBK	1 1/16 x 12	D	Black
AN929-16D	1 5/16 x 12	D	-
AN929-16DBK	1 5/16 x 12	D	Black
AN929-20D	1 5/8 x 12	D	-
AN929-20DBK	1 5/8 x 12	D	Black

**AN924**

Nut

Part No.	JIC/UNF	Mat	Note
AN924-03D	3/8 x 24	D	-
AN924-04C	7/16 x 20	C	-
AN924-04D	7/16 x 20	D	-
AN924-04DBK	7/16 x 20	D	Black
AN924-06D	9/16 x 18	D	-
AN924-06DBK	9/16 x 18	D	Black
AN924-08D	3/4 x 16	D	-
AN924-08DBK	3/4 x 16	D	Black
AN924-10D	7/8 x 14	D	-
AN924-10DBK	7/8 x 14	D	Black
AN924-12D	1 1/16 x 12	D	-
AN924-12DBK	1 1/16 x 12	D	Black
AN924-16D	1 5/16 x 12	D	-
AN924-16DBK	1 5/16 x 12	D	Black

**JIC to JIC equal thread Adaptors****Fitting type:**

Adaptor

**Material:**

C, CH, D, P, Z1

**Colour:**

D= Blue (Unless stated)

**Please note:**

When ordering parts available in steel or Stainless Steel, please remove the 'AN' prefix.

**Example part no:**

AN804-03D = Aluminium

804-03C = Stainless Steel

**JIC to JIC equal thread  
Adaptors**
**AN819****AN971****AN871**
**Tube sleeve**

Part No.	Mat	Note
<b>AN819-03D</b>	D	For use with AN818-03
<b>AN819-04D</b>	D	For use with AN818-04
<b>AN819-06D</b>	D	For use with AN818-06

**Male weld flange adaptor**

Part No.	JIC/UNF	Mat	Note
<b>AN971-04D</b>	7/16 x 20	D	-
<b>AN971-06D</b>	9/16 x 18	D	-
<b>AN971-08D</b>	3/4 x 16	D	-
<b>AN971-10D</b>	7/8 x 14	D	-
<b>AN971-12D</b>	1 1/16 x 12	D	-
<b>AN971-16D</b>	1 5/16 x 12	D	-
<b>AN971-20D</b>	1 5/8 x 12	D	-

**Female weld a adaptor**

Part No.	JIC/UNF	Mat	Note
<b>AN871-04D</b>	7/16 x 20	D	-
<b>AN871-06D</b>	9/16 x 18	D	-
<b>AN871-08D</b>	3/4 x 16	D	-
<b>AN871-10D</b>	7/8 x 14	D	-
<b>AN871-12D</b>	1 1/16 x 12	D	-

**Fitting type:**  
*Adaptor*

**Material:**  
*C, CH, D, P, Z1*

**Colour:**  
*D= Blue (Unless stated)*

**Please note:**  
*When ordering parts available in steel or Stainless Steel, please remove the 'AN' prefix.*

**Example part no:**  
*AN804-03D = Aluminium  
804-03C = Stainless Steel*



Top Tip: Please see thread guide and Technical Information section at the back of the catalogue.

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**919****Male to male**

Part No.	JIC/UNF A	JIC/UNF B	Mat
919-04-03C	7/16 x 20	3/8 x 24	C
919-04-03P	7/16 x 20	3/8 x 24	P
919-04-44P	7/16 x 20	7/16 x 24	P
919-06-03D	9/16 x 18	3/8 x 24	D
919-06-04P	9/16 x 18	7/16 x 20	P
919-08-06P	3/4 x 16	9/16 x 18	P
919-10-08P	7/8 x 14	3/4 x 16	P
919-10-06P	7/8 x 14	9/16 x 18	
919-12-10P	1 1/16 x 12	7/8 x 14	P

**JIC to JIC unequal thread Adaptors****AN919****Male to male**

Part No.	JIC/UNF A	JIC/UNF B	Mat	Note
AN919-01D	5/16 x 24	7/16 x 20	D	-
AN919-02D	3/8 x 24	7/16 x 20	D	-
AN919-02DBK	3/8 x 24	7/16 x 20	D	Black
AN919-03D	7/16 x 20	1/2 x 20	D	-
AN919-06D	9/16 x 18	7/16 x 20	D	-
AN919-06DBK	9/16 x 18	7/16 x 20	D	Black
AN919-07D	9/16 x 18	1/2 x 20	D	-
AN919-0D	5/16 x 24	3/8 x 24	D	-
AN919-10D	3/4 x 16	7/16 x 20	D	-
AN919-10DBK	3/4 x 16	7/16 x 20	D	Black
AN919-12D	9/16 x 18	3/4 x 16	D	-
AN919-12DBK	9/16 x 18	3/4 x 16	D	Black
AN919-14D	7/8 x 14	9/16 x 18	D	-
AN919-14DBK	7/8 x 14	9/16 x 18	D	Black
AN919-15D	7/8 x 14	3/4 x 16	D	-
AN919-18D	1 1/16 x 12	9/16 x 18	D	-
AN919-19D	1 1/16 x 12	3/4 x 16	D	-
AN919-19DBK	1 1/16 x 12	3/4 x 16	D	Black
AN919-20D	1 1/16 x 12	7/8 x 14	D	-
AN919-20DBK	1 1/16 x 12	7/8 x 14	D	Black
AN919-22D	1 5/16 x 12	7/8 x 14	D	-
AN919-23D	1 5/16 x 12	1 1/16 x 12	D	-
AN919-23DBK	1 5/16 x 12	1 1/16 x 12	D	Black

**AN824U****Tee with unequal leg**

Part No.	JIC/UNF A	JIC/UNF B	Mat	Note
AN824-06-06-08D	9/16 x 18	3/4 x 16	D	-

**Fitting type:**  
Adaptor

**Material:**  
C, CH, D, P, Z1

**Colour:**  
D= Blue (Unless stated)

**JIC male to female  
Adaptors**
**AN950****AN951**

**Fitting type:**  
*Adaptor*

**Material:**  
*C, CH, D, P, Z1*

**Colour:**  
*D= Blue (Unless stated)*



Top Tip: Please see thread guide and Technical Information section at the back of the catalogue.

**Female to male adaptor (JIC seats) reducer**

Part No.	JIC/UNF A	JIC/UNF B	Mat	Note
<b>AN950-04-03D</b>	7/16 x 20	3/8 x 24	D	-
<b>AN950-06-03D</b>	9/16 x 18	3/8 x 24	D	-
<b>AN950-06-04D</b>	9/16 x 18	7/16 x 20	D	-
<b>AN950-08-04D</b>	3/4 x 16	7/16 x 20	D	-
<b>AN950-08-06D</b>	3/4 x 16	9/16 x 18	D	-
<b>AN950-08-06DBK</b>	3/4 x 16	9/16 x 18	D	Black
<b>AN950-10-06D</b>	7/8 x 14	9/16 x 18	D	-
<b>AN950-10-06DBK</b>	7/8 x 14	9/16 x 18	D	Black
<b>AN950-10-08D</b>	7/8 x 14	3/4 x 16	D	-
<b>AN950-10-08DBK</b>	7/8 x 14	3/4 x 16	D	Black
<b>AN950-12-08D</b>	1 1/16 x 12	3/4 x 16	D	-
<b>AN950-12-08DBK</b>	1 1/16 x 12	3/4 x 16	D	Black
<b>AN950-12-10D</b>	1 1/16 x 12	7/8 x 14	D	-
<b>AN950-12-10DBK</b>	1 1/16 x 12	7/8 x 14	D	Black
<b>AN950-16-12D</b>	1 5/16 x 12	1 1/16 x 12	D	-

**Female to male adaptor (JIC seats) expander**

Part No.	JIC/UNF A	JIC/UNF B	Mat	Note
<b>AN951-03-04C</b>	3/8 x 24	7/16 x 20	C	-
<b>AN951-03-04D</b>	3/8 x 24	7/16 x 20	D	-
<b>AN951-03-04DBK</b>	3/8 x 24	7/16 x 20	D	Black
<b>AN951-04-06D</b>	7/16 x 20	9/16 x 18	D	-
<b>AN951-04-06DBK</b>	7/16 x 20	9/16 x 18	D	Black
<b>AN951-06-08D</b>	9/16 x 18	3/4 x 16	D	-
<b>AN951-06-08DBK</b>	9/16 x 18	3/4 x 16	D	Black
<b>AN951-08-10D</b>	3/4 x 16	7/8 x 14	D	-
<b>AN951-08-10DBK</b>	3/4 x 16	7/8 x 14	D	Black
<b>AN951-10-12D</b>	7/8 x 14	1 1/16 x 12	D	-
<b>AN951-10-12DBK</b>	7/8 x 14	1 1/16 x 12	D	Black
<b>AN951-12-16D</b>	1 1/16 x 12	1 5/16 x 12	D	-

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**CPL**

Femal swivel adaptor coupling

Part No.	JIC/UNF	Mat	Note
<b>CPL-03C</b>	3/8 x 24	C	-
<b>CPL-03D</b>	3/8 x 24	D	-
<b>CPL-04C</b>	7/16 x 20	C	-
<b>CPL-04D</b>	7/16 x 20	D	-
<b>CPL-04DBK</b>	7/16 x 20	D	Black
<b>CPL-06D</b>	9/16 x 18	D	-
<b>CPL-06DBK</b>	9/16 x 18	D	Black
<b>CPL-08D</b>	3/4 x 16	D	-
<b>CPL-08DBK</b>	3/4 x 16	D	Black
<b>CPL-10D</b>	7/8 x 14	D	-
<b>CPL-10DBK</b>	7/8 x 14	D	Black
<b>CPL-12D</b>	1 1/16 x 12	D	-
<b>CPL-12DBK</b>	1 1/16 x 12	D	Black
<b>CPL-16D</b>	1 5/16 x 12	D	-
<b>CPL-16DBK</b>	1 5/16 x 12	D	Black

**CPL-823**

45° forged male to swivel female adaptor

Part No.	JIC/UNF	Mat	Note
<b>CPL-823-03C</b>	3/8 x 24	C	-
<b>CPL-823-03D</b>	3/8 x 24	D	-
<b>CPL-823-04D</b>	7/16 x 20	D	-
<b>CPL-823-06D</b>	9/16 x 18	D	-
<b>CPL-823-06DBK</b>	9/16 x 18	D	Black
<b>CPL-823-08D</b>	3/4 x 16	D	-
<b>CPL-823-10D</b>	7/8 x 14	D	-
<b>CPL-823-12D</b>	1 1/16 x 12	D	-

**CPL-824**

Tee male thread on run swivel female on leg adaptor

Part No.	JIC/UNF	Mat	Note
<b>CPL-824-03D</b>	3/8 x 24	D	-
<b>CPL-824-04D</b>	7/16 x 20	D	-
<b>CPL-824-04DBK</b>	7/16 x 20	D	Black
<b>CPL-824-06D</b>	9/16 x 18	D	-
<b>CPL-824-06DBK</b>	9/16 x 18	D	Black
<b>CPL-824-08D</b>	3/4 x 16	D	-
<b>CPL-824-08DBK</b>	3/4 x 16	D	Black
<b>CPL-824-10D</b>	7/8 x 14	D	-
<b>CPL-824-12D</b>	1 1/16 x 12	D	-
<b>CPL-824-12DBK</b>	1 1/16 x 12	D	Black

**Special Adaptors**

(inc modified AN parts for motorsport requirements)

**Fitting type:**  
Adaptor

**Material:**  
C, CH, D, P, Z1

**Colour:**  
D= Blue (Unless stated)

**Special Adaptors**

(inc modified AN parts  
for motorsport  
requirements)

**CPL-826****CPL-903/912****CPL-910****CPL-900**

**Fitting type:**  
Adaptor

**Material:**  
C, CH, D, P, Z1

**Colour:**  
D= Blue (Unless stated)

Tee swivel forged female on run adaptor

Part No.	JIC/UNF	Mat	Note
CPL-826-03D	3/8 x 24	D	-
CPL-826-04D	7/16 x 20	D	-
CPL-826-04DBK	7/16 x 20	D	Black
CPL-826-06D	9/16 x 18	D	-
CPL-826-06DBK	9/16 x 18	D	Black
CPL-826-08D	3/4 x 16	D	-
CPL-826-10D	7/8 x 14	D	-
CPL-826-10DBK	7/8 x 14	D	Black
CPL-826-12D	1 1/16 x 12	D	-
CPL-826-12DBK	1 1/16 x 12	D	Black
CPL-826-16D	1 5/16 x 12	D	-

90° forged male to female swivel adaptor

Part No.	JIC/UNF	Mat	Note
CPL-903C	3/8 x 24	C	-
CPL-903D	3/8 x 24	D	-
CPL-904D	7/16 x 20	D	-
CPL-904DBK	7/16 x 20	D	Black
CPL-906D	9/16 x 18	D	-
CPL-906DBK	9/16 x 18	D	Black
CPL-908D	3/4 x 16	D	-
CPL-908DBK	3/4 x 16	D	Black
CPL-910D	7/8 x 14	D	-
CPL-912D	1 1/16 x 12	D	-

90° swept female to female swivel adaptor

Part No.	JIC/UNF	Mat	Note
CPL-9104	7/16 x 20	D	-
CPL-9104BK	7/16 x 20	D	Black
CPL-9106	9/16 x 18	D	-
CPL-9106BK	9/16 x 18	D	Black
CPL-9108	3/4 x 16	D	-
CPL-9108BK	3/4 x 16	D	Black
CPL-9110	7/8 x 14	D	-
CPL-9110BK	7/8 x 14	D	Black
CPL-9112	1 1/16 x 12	D	-
CPL-9116	1 5/16 x 12	D	-

90° forged female to female swivel adaptor

Part No.	JIC/UNF	Mat	Note
CPL-9004	7/16 x 20	D	-
CPL-9004BK	7/16 x 20	D	Black
CPL-9006	9/16 x 18	D	-
CPL-9006DBK	9/16 x 18	D	Black
CPL-9008	3/4 x 16	D	-
CPL-9008BK	3/4 x 16	D	Black
CPL-9010	7/8 x 14	D	-
CPL-9012	1 1/16 x 12	D	-

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**816**

Straight male JIC to straight male NPT adaptor

Part No.	JIC/UNF A	NPT B	Mat	Note
816-03C	3/8 x 24	NPT 1/8" x 27	C	
816-03CH	3/8 x 24	NPT 1/8" x 27	CH	
816-03P	3/8 x 24	NPT 1/8" x 27	P	
816-03-04P	3/8 x 24	NPT 1/4" x 18	P	
816-04-04P	7/16 x 20	NPT 1/4" x 18	P	
816-04P	7/16 x 20	NPT 1/8" x 27	P	

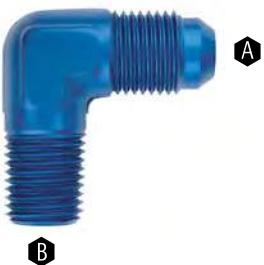
**AN816**

AN816-03-04D	3/8 x 24	NPT 1/4" x 18	D	Blue
AN816-03D	3/8 x 24	NPT 1/8" x 27	D	Blue
AN816-04-04D	7/16 x 20	NPT 1/4" x 18	D	Blue
AN816-04-04DBK	7/16 x 20	NPT 1/4" x 18	D	Black
AN816-04-06D	7/16 x 20	NPT 3/8" x 18	D	Blue
AN816-04C	7/16 x 20	NPT 1/8" x 27	C	
AN816-04D	7/16 x 20	NPT 1/8" x 27	D	Blue
AN816-04DBK	7/16 x 20	NPT 1/8" x 27	D	Black
AN816-06-02D	9/16 x 18	NPT 1/8" x 27	D	Blue
AN816-06-02DBK	9/16 x 18	NPT 1/8" x 27	D	Black
AN816-06-06D	9/16 x 18	NPT 3/8" x 18	D	Blue
AN816-06-06DBK	9/16 x 18	NPT 3/8" x 18	D	Black
AN816-06-08D	9/16 x 18	NPT 1/2" x 14	D	Blue
AN816-06-08DBK	9/16 x 18	NPT 1/2" x 14	D	Black
AN816-06D	9/16 x 18	NPT 1/4" x 18	D	Blue
AN816-06DBK	9/16 x 18	NPT 1/4" x 18	D	Black
AN816-07D	3/4 x 16	NPT 1/4" x 18	D	Blue
AN816-07DBK	3/4 x 16	NPT 1/4" x 18	D	Black
AN816-08-08D	3/4 x 16	NPT 1/2" x 14	D	Blue
AN816-08-08DBK	3/4 x 16	NPT 1/2" x 14	D	Black
AN816-08-12D	3/4 x 16	NPT 3/4" x 14	D	Blue
AN816-08-12DBK	3/4 x 16	NPT 3/4" x 14	D	Black
AN816-08D	3/4 x 16	NPT 3/8" x 18	D	Blue
AN816-08DBK	3/4 x 16	NPT 3/8" x 18	D	Black
AN816-10-06D	7/8 x 14	NPT 3/8" x 18	D	Blue
AN816-10-06DBK	7/8 x 14	NPT 3/8" x 18	D	Black
AN816-10-12D	7/8 x 14	NPT 3/4" x 14	D	Blue
AN816-10D	7/8 x 14	NPT 1/2" x 14	D	Blue
AN816-10DBK	7/8 x 14	NPT 1/2" x 14	D	Black
AN816-12-08D	1 1/16 x 12	NPT 1/2" x 14	D	Blue
AN816-12-08DBK	1 1/16 x 12	NPT 1/2" x 14	D	Black
AN816-12D	1 1/16 x 12	NPT 3/4" x 14	D	Blue
AN816-12DBK	1 1/16 x 12	NPT 3/4" x 14	D	Black
AN816-16-12D	1 5/16 x 12	NPT 3/4" x 14	D	Blue
AN816-16D	1 5/16 x 12	NPT 1 x 11 1/2	D	Blue
AN816-16DBK	1 5/16 x 12	NPT 1 x 11 1/2	D	Black

**JIC to NPT male to male Adaptors**
**Fitting type:**  
Adaptor

**Material:**  
C, CH, D, P, Z1

**Colour:**  
D= Blue (Unless stated)

**JIC to NPT male to male Adaptors**
**AN822**

90° male elbow JIC to male NPT adaptor

Part No.	JIC/UNF A	NPT B	Mat
<b>AN822-03D</b>	3/8 x 24	NPT 1/8" x 27	D
<b>AN822-04-04D</b>	7/16 x 20	NPT 1/4" x 18	D
<b>AN822-04D</b>	7/16 x 20	NPT 1/8" x 27	D
<b>AN822-04DBK</b>	7/16 x 20	NPT 1/8" x 27	D
<b>AN822-06-02D</b>	9/16 x 18	NPT 1/8" x 27	D
<b>AN822-06-02DBK</b>	9/16 x 18	NPT 1/8" x 27	D
<b>AN822-06-06D</b>	9/16 x 18	NPT 3/8" x 18	D
<b>AN822-06-06DBK</b>	9/16 x 18	NPT 3/8" x 18	D
<b>AN822-06-08D</b>	9/16 x 18	NPT 1/2" x 14	D
<b>AN822-06D</b>	9/16 x 18	NPT 1/4" x 18	D
<b>AN822-06DBK</b>	9/16 x 18	NPT 1/4" x 18	D
<b>AN822-07D</b>	3/4 x 16	NPT 1/4" x 18	D
<b>AN822-07DBK</b>	3/4 x 16	NPT 1/4" x 18	D
<b>AN822-08-08D</b>	3/4 x 16	NPT 1/2" x 14	D
<b>AN822-08-12D</b>	3/4 x 16	NPT 3/4" x 14	D
<b>AN822-08D</b>	3/4 x 16	NPT 3/8" x 18	D
<b>AN822-08DBK</b>	3/4 x 16	NPT 3/8" x 18	D
<b>AN822-10D</b>	7/8 x 14	NPT 1/2" x 14	D
<b>AN822-12-08D</b>	1 1/16 x 12	NPT 1/2" x 14	D
<b>AN822-12D</b>	1 1/16 x 12	NPT 3/4" x 14	D
<b>AN822-16D</b>	1 5/16 x 12	NPT 1 x 11 1/2	D

**AN823**

45° male elbow JIC to NPT male adaptor

Part No.	JIC/UNF A	NPT B	Mat
<b>AN823-03D</b>	3/8 x 24	NPT 1/8" x 27	D
<b>AN823-04D</b>	7/16 x 20	NPT 1/8" x 27	D
<b>AN823-06-06D</b>	9/16 x 18	NPT 3/8" x 18	D
<b>AN823-06D</b>	9/16 x 18	NPT 1/4" x 18	D
<b>AN823-08-08D</b>	3/4 x 16	NPT 1/2" x 14	D
<b>AN823-08D</b>	3/4 x 16	NPT 3/8" x 18	D
<b>AN823-10-06D</b>	7/8 x 14	NPT 3/8" x 18	D
<b>AN823-10D</b>	7/8 x 14	NPT 1/2" x 14	D
<b>AN823-16D</b>	1 5/16 x 12	NPT 1 x 11 1/2	D

**Fitting type:**  
Adaptor

**Material:**  
C, CH, D, P, Z1

**Colour:**  
D= Blue (Unless stated)

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**AN932**

Plug socket head

Part No.	NPT Thread	Mat
AN932-01D	NPT 1/16" x 27	D
AN932-02D	NPT 1/8" x 27	D
AN932-03D	NPT 1/4" x 18	D
AN932-04D	NPT 3/8" x 18	D
AN932-05D	NPT 1/2" x 14	D
AN932-06D	NPT 3/4" x 14	D

**NPT Adaptors****AN840**

Straight NPT to tube adaptor

Part No.	NPT Thread	Mat
AN840-04D	1/8 x 27 for 200-04 hose	D
AN840-06D	1/4 x 18 for 200-06 hose	D
AN840-08D	3/8 x 18 for 200-08 hose	D
AN840-10D	1/2 x 14 for 200-10 hose	D
AN840-12D	3/4 x 14 for 200-12 hose	D

**AN842**

90° NPT to tube adaptor

Part No.	NPT Thread	Mat
AN842-04D	1/8 x 27 for 200-04 hose	D
AN842-06D	1/4 x 18 for 200-06 hose	D
AN842-08D	3/8 x 18 for 200-08 hose	D
AN842-10D	1/2 x 14 for 200-10 hose	D
AN842-12D	3/4 x 14 for 200-12 hose	D

**AN844**

45° NPT to tube adaptor

Part No.	NPT Thread	Mat
AN844-04D	1/8 x 27 for 200-04 hose	D
AN844-06D	1/4 x 18 for 200-06 hose	D
AN844-08D	3/8 x 18 for 200-08 hose	D
AN844-10D	1/2 x 14 for 200-10 hose	D



Top Tip: Please see thread guide and Technical Information section at the back of the catalogue.

**Fitting type:**

Adaptor

**Material:**

C, CH, D, P, Z1

**Colour:**

D= Blue (Unless stated)

## JIC Male to Metric male Adaptors

**Fitting type:**
*Adaptor*
**Material:**
*C, CBK, CH, D, P, Z1*
**Colour:**
*D = Blue*
*DBK = Black*

**305** JIC to metric convex adaptor

Part No.	JIC/UNFA A	Metric B	Mat
305-03-21C	3/8 x 24	M8 x 1,00	C
305-03-31C	3/8 x 24	M10 x 1,00	C
305-03-31CBK	3/8 x 24	M10 x 1,00	C
305-03-31CH	3/8 x 24	M10 x 1,00	CH
305-03-31D	3/8 x 24	M10 x 1,00	D
305-03-31Z1	3/8 x 24	M10 x 1,00	Z1
305-03-32C	3/8 x 24	M10 x 1,25	C
305-03-32Z1	3/8 x 24	M10 x 1,25	Z1
305-03-35Z1	3/8 x 24	M10 x 1,50	Z1
305-03-M121C	3/8 x 24	M12 x 1,00	C
305-03-M121Z1	3/8 x 24	M12 x 1,00	Z1
305-03-M122Z1	3/8 x 24	M12 x 1,25	Z1
305-03-M12C	3/8 x 24	M12 x 1,50	C
305-04-31D	7/16 x 20	M10 x 1,00	D
305-04-31DBK	7/16 x 20	M10 x 1,00	D
305-04-31Z1	7/16 x 20	M10 x 1,00	Z1
305-04-32C	7/16 x 20	M10 x 1,25	C
305-04-35Z1	7/16 x 20	M10 x 1,50	Z1
305-04-M121Z1	7/16 x 20	M12 x 1,00	Z1
305-04-M122Z1	7/16 x 20	M12 x 1,25	Z1
305-04-M12D	7/16 x 20	M12 x 1,50	D

Part No.	JIC/UNFA A	Metric B	Mat
305-04-M12DBK	7/16 x 20	M12 x 1,50	D
305-06-31D	9/16 x 18	M10 x 1,00	D
305-06-31DBK	9/16 x 18	M10 x 1,00	D
305-06-M121D	9/16 x 18	M12 x 1,00	D
305-06-M121DBK	9/16 x 18	M12 x 1,00	D
305-06-M122D	9/16 x 18	M12 x 1,25	D
305-06-M122DBK	9/16 x 18	M12 x 1,25	D
305-06-M12D	9/16 x 18	M12 x 1,50	D
305-06-M12DBK	9/16 x 18	M12 x 1,50	D
305-06-M14D	9/16 x 18	M14 x 1,50	D
305-06-M14DBK	9/16 x 18	M14 x 1,50	D
305-06-M16D	9/16 x 18	M16 x 1,50	D
305-06-M16DBK	9/16 x 18	M16 x 1,50	D
305-08-M12D	3/4 x 16	M12 x 1,50	D
305-08-M14D	3/4 x 16	M14 x 1,50	D
305-08-M14DBK	3/4 x 16	M14 x 1,50	D
305-08-M16D	3/4 x 16	M16 x 1,50	D
305-08-M16DBK	3/4 x 16	M16 x 1,50	D
305-10-M18D	7/8 x 14	M18 x 1,50	D
305-10-M18DBK	7/8 x 14	M18 x 1,50	D

**306** JIC to metric concave adaptor

Part No.	JIC/UNFA A	Metric B	Mat
306-02-31C	5/16 x 24	M10 x 1,00	C
306-03-21C	3/8 x 24	M8 x 1,00	C
306-03-22C	3/8 x 24	M8 x 1,25	C
306-03-31C	3/8 x 24	M10 x 1,00	C
306-03-31CH	3/8 x 24	M10 x 1,00	CH
306-03-31D	3/8 x 24	M10 x 1,00	D
306-03-31DBK	3/8 x 24	M10 x 1,00	D
306-03-31SZ1	3/8 x 24	M10 x 1,00	Z1
306-03-31Z1	3/8 x 24	M10 x 1,00	Z1

Part No.	JIC/UNFA A	Metric B	Mat
306-03-32C	3/8 x 24	M10 x 1,25	C
306-03-32CH	3/8 x 24	M10 x 1,25	CH
306-03-32D	3/8 x 24	M10 x 1,25	D
306-03-32Z1	3/8 x 24	M10 x 1,25	Z1
306-03-35Z1	3/8 x 24	M10 x 1,50	Z1
306-03-M121D	3/8 x 24	M12 x 1,00	D
306-03-M12C	3/8 x 24	M12 x 1,50	C
306-03-M12D	3/8 x 24	M12 x 1,50	D
306-03-M16D	3/8 x 24	M16 x 1,50	D

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**306 JIC to metric concave adaptor**

Part No.	JIC/UNF A	Metric B	Mat
306-04-31C	7/16 x 20	M10 x 1,00	C
306-04-31D	7/16 x 20	M10 x 1,00	D
306-04-31DBK	7/16 x 20	M10 x 1,00	D
306-04-32D	7/16 x 20	M10 x 1,25	D
306-04-32DBK	7/16 x 20	M10 x 1,25	D
306-04-35Z1	7/16 x 20	M10 x 1,50	D
306-04-M121D	7/16 x 20	M12 x 1,00	D
306-04-M121DBK	7/16 x 20	M12 x 1,00	D
306-04-M12Z1	7/16 x 20	M12 x 1,50	Z1
306-04-M14D	7/16 x 20	M14 x 1,50	D
306-04-M14DBK	7/16 x 20	M14 x 1,50	D
306-04-M14P	7/16 x 20	M14 x 1,50	D
306-04-M16Z1	7/16 x 20	M16 x 1,50	Z1
306-04-M18D	7/16 x 20	M18 x 1,50	D
306-04-M18DBK	7/16 x 20	M18 x 1,50	D
306-06-31D	9/16 x 18	M10 x 1,00	D
306-06-31DBK	9/16 x 18	M10 x 1,00	D
306-06-32D	9/16 x 18	M10 x 1,25	D
306-06-32DBK	9/16 x 18	M10 x 1,25	D
306-06-M121D	9/16 x 18	M12 x 1,00	D
306-06-M121DBK	9/16 x 18	M12 x 1,00	D
306-06-M12D	9/16 x 18	M12 x 1,50	D
306-06-M12DBK	9/16 x 18	M12 x 1,50	D
306-06-M12Z1	9/16 x 18	M12 x 1,50	Z1
306-06-M14D	9/16 x 18	M14 x 1,50	D
306-06-M14DBK	9/16 x 18	M14 x 1,50	D
306-06-M14Z1	9/16 x 18	M14 x 1,50	Z1
306-06-M16D	9/16 x 18	M16 x 1,50	D
306-06-M16DBK	9/16 x 18	M16 x 1,50	D
306-06-M16Z1	9/16 x 18	M16 x 1,50	Z1
306-06-M18D	9/16 x 18	M18 x 1,50	D
306-06-M18Z1	9/16 x 18	M18 x 1,50	Z1
306-06-M18DBK	9/16 x 18	M18 x 1,50	D
306-06-M20D	9/16 x 18	M20 x 1,50	D
306-06-M20DBK	9/16 x 18	M20 x 1,50	D
306-06-M22D	9/16 x 18	M22 x 1,50	D
306-06-M22DBK	9/16 x 18	M22 x 1,50	D
306-08-M12D	3/4 x 16	M12 x 1,50	D
306-08-M12DBK	3/4 x 16	M12 x 1,50	D
306-08-M14D	3/4 x 16	M14 x 1,50	D
306-08-M14DBK	3/4 x 16	M14 x 1,50	D

Part No.	JIC/UNF A	Metric B	Mat
306-08-M14P	3/4 x 16	M14 x 1,50	P
306-08-M16D	3/4 x 16	M16 x 1,50	D
306-08-M16DBK	3/4 x 16	M16 x 1,50	D
306-08-M16Z1	3/4 x 16	M16 x 1,50	Z1
306-08-M18D	3/4 x 16	M18 x 1,50	D
306-08-M18DBK	3/4 x 16	M18 x 1,50	D
306-08-M18Z1	3/4 x 16	M18 x 1,50	Z1
306-08-M20D	3/4 x 16	M20 x 1,50	D
306-08-M20DBK	3/4 x 16	M20 x 1,50	D
306-08-M22D	3/4 x 16	M22 x 1,50	D
306-08-M22DBK	3/4 x 16	M22 x 1,50	D
306-08-M24D	3/4 x 16	M24 x 1,50	D
306-10-M14D	7/8 x 14	M14 x 1,50	D
306-10-M14DBK	7/8 x 14	M14 x 1,50	D
306-10-M16D	7/8 x 14	M16 x 1,50	D
306-10-M16DBK	7/8 x 14	M16 x 1,50	D
306-10-M16Z1	7/8 x 14	M16 x 1,50	Z1
306-10-M18D	7/8 x 14	M18 x 1,50	D
306-10-M18DBK	7/8 x 14	M18 x 1,50	D
306-10-M20D	7/8 x 14	M20 x 1,50	D
306-10-M20DBK	7/8 x 14	M20 x 1,50	D
306-10-M22D	7/8 x 14	M22 x 1,50	D
306-10-M22DBK	7/8 x 14	M22 x 1,50	D
306-10-M24D	7/8 x 14	M24 x 1,50	D
306-10-M24DBK	7/8 x 14	M24 x 1,50	D
306-10-M26D	7/8 x 14	M26 x 1,50	D
306-10-M26DBK	7/8 x 14	M26 x 1,50	D
306-12-M18D	1 1/16 x 12	M18 x 1,50	D
306-12-M18DBK	1 1/16 x 12	M18 x 1,50	D
306-12-M20D	1 1/16 x 12	M20 x 1,50	D
306-12-M20DBK	1 1/16 x 12	M20 x 1,50	D
306-12-M22D	1 1/16 x 12	M22 x 1,50	D
306-12-M22DBK	1 1/16 x 12	M22 x 1,50	D
306-12-M24D	1 1/16 x 12	M24 x 1,50	D
306-12-M24DBK	1 1/16 x 12	M24 x 1,50	D
306-12-M26D	1 1/16 x 12	M26 x 1,50	D
306-12-M26DBK	1 1/16 x 12	M26 x 1,50	D
306-12-M30D	1 1/16 x 12	M30 x 1,50	D
306-12-M30DBK	1 1/16 x 12	M30 x 1,50	D
306-16-M26D	1 5/16 x 14	M26 x 1,50	D
306-16-M30D	1 5/16 x 14	M30 x 1,50	D

**307 JIC to metric convex bulkhead adaptor**

Part No.	JIC/UNF A	Metric B	Mat
307-03-31C	3/8 x 24	M10 x 1,00	C
307-03-31P	3/8 x 24	M10 x 1,00	P



## BSP to JIC Adaptors

**Fitting type:**

Adaptor

**Material:**

CH, D, P, Z1

**Colour:**

D = Blue

DBK = Black



**741**   BSP male to JIC male adaptor

Part No.	BSP A	JIC/UNF B	Mat
741-03-03D	BSP 1/8" x 28	3/8 x 24	D
741-03-03Z1	BSP 1/8" x 28	3/8 x 24	Z1
741-03-04D	BSP 1/8" x 28	7/16 x 20	D
741-03-04DBK	BSP 1/8" x 28	7/16 x 20	D
741-03-04Z1	BSP 1/8" x 28	7/16 x 20	Z1
741-03-06D	BSP 1/8" x 28	9/16 x 18	D
741-03-06DBK	BSP 1/8" x 28	9/16 x 18	D
741-04-03C	BSP 1/4" x 19	3/8 x 24	C
741-04-03D	BSP 1/4" x 19	3/8 x 24	D
741-04-03DBK	BSP 1/4" x 19	3/8 x 24	D
741-04-03Z1	BSP 1/4" x 19	3/8 x 24	Z1
741-04-04D	BSP 1/4" x 19	7/16 x 20	D
741-04-04DBK	BSP 1/4" x 19	7/16 x 20	D
741-04-04Z1	BSP 1/4" x 19	7/16 x 20	Z1
741-04-06D	BSP 1/4" x 19	9/16 x 18	D
741-04-06DBK	BSP 1/4" x 19	9/16 x 18	D
741-04-06Z1	BSP 1/4" x 19	9/16 x 18	Z1
741-04-08P	BSP 1/4" x 19	3/4 x 16	P
741-04-10P	BSP 1/4" x 19	7/8 x 14	P
741-06-04D	BSP 1/4" x 19	7/8 x 14	D
741-06-04DBK	BSP 1/4" x 19	7/8 x 14	D
741-06-04Z1	BSP 3/8" x 19	7/16 x 20	Z1
741-06-06D	BSP 3/8" x 19	9/16 x 18	D
741-06-06DBK	BSP 3/8" x 19	9/16 x 18	D
741-06-06Z1	BSP 3/8" x 19	9/16 x 18	Z1
741-06-08D	BSP 3/8" x 19	3/4 x 16	D
741-06-08DBK	BSP 3/8" x 19	3/4 x 16	D

Part No.	BSP A	JIC/UNF B	Mat
741-06-08Z1	BSP 3/8" x 19	3/4 x 16	Z1
741-06-10D	BSP 3/8" x 19	7/8 x 14	D
741-06-10DBK	BSP 3/8" x 19	7/8 x 14	D
741-08-06D	BSP 1/2" x 14	9/16 x 18	D
741-08-06DBK	BSP 1/2" x 14	9/16 x 18	D
741-08-06Z1	BSP 1/2" x 14	9/16 x 18	Z1
741-08-08D	BSP 1/2" x 14	3/4 x 16	D
741-08-08Z1	BSP 1/2" x 14	3/4 x 16	Z1
741-08-08DBK	BSP 1/2" x 14	3/4 x 16	D
741-08-10D	BSP 1/2" x 14	7/8 x 14	D
741-08-10DBK	BSP 1/2" x 14	7/8 x 14	D
741-08-10Z1	BSP 1/2" x 14	7/8 x 14	Z1
741-08-12D	BSP 1/2" x 14	1 1/16 x 12	D
741-08-12DBK	BSP 1/2" x 14	1 1/16 x 12	D
741-08-12Z1	BSP 1/2" x 14	1 1/16 x 12	Z1
741-10-10D	BSP 5/8" x 14	7/8 x 14	D
741-10-10DBK	BSP 5/8" x 14	7/8 x 14	D
741-10-10P	BSP 5/8" x 14	7/8 x 14	P
741-10-12D	BSP 5/8" x 14	1 1/16 x 12	D
741-10-12DBK	BSP 5/8" x 14	1 1/16 x 12	D
741-10-12P	BSP 5/8" x 14	1 1/16 x 12	P
741-12-08P	BSP 3/4" x 14	3/4 x 16	P
741-12-10P	BSP 3/4" x 14	7/8 x 14	P
741-12-12D	BSP 3/4" x 14	1 1/16 x 12	D
741-12-12DBK	BSP 3/4" x 14	1 1/16 x 12	D
741-12-12Z1	BSP 3/4" x 14	1 1/16 x 12	Z1
741-16-12P	BSP 1" x 11	1 1/16 x 12	P

**763**   BSP female to JIC male adaptor

Part No.	BSP A	JIC/UNF B	Mat
763-03-03D	BSP 1/8" x 24	3/8 x 24	D
763-04-04P	BSP 1/4" x 19	7/16 x 20	D
763-04-06D	BSP 1/4" x 19	9/16 x 18	D
763-06-08D	BSP 3/8" x 19	3/4 x 16	D
763-08-06P	BSP 1/2" x 14	9/16 x 18	D
763-08-08P	BSP 1/2" x 14	3/4 x 16	D
763-08-10P	BSP 1/2" x 14	7/8 x 14	D



**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**742**

Metric concave seat

Part No.	BSP A	Metric B	Mat
742-03-31Z1	BSP 1/8" x 28	M10 x 1.00	Z1
742-03-M121Z1	BSP 1/8" x 28	M12 x 1.00	Z1
742-04-M12P	BSP 1/4" x 19	M12 x 1.50	P
742-04-M14P	BSP 1/4" x 19	M14 x 1.50	P
742-08-M14P	BSP 1/2" x 14	M14 x 1.50	P
742-08-M16P	BSP 1/2" x 14	M16 x 1.50	P
742-08-M18P	BSP 1/2" x 14	M18 x 1.50	P

**945**

Metric convex seat

Part No.	BSP A	Metric B	Mat
945-03-31P	BSP 1/8" x 28	M10 x 1.00	P
945-03-M121P	BSP 1/8" x 28	M12 x 1.00	P

**313**

Plug

Part No.	BSP	Mat
313-03P	BSP 1/8" x 28	P
313-04P	BSP 1/4" x 19	P
313-06P	BSP 3/8" x 19	P
313-08P	BSP 1/2" x 14	P
313-10P	BSP 5/8" x 14	P

**145**

Metric male equal convex

Part No.	Metric A	Metric B	Mat
145-31Z1	M10 x 1,00	M10 x 1,00	Z1
145-31P	M10 x 1,00	M10 x 1,00	P

**148**

Metric unequal male concave seat

Part No.	Metric A	Metric B	Mat
148-31-M12C	M10 x 1,00	M12 x 1,50	C
148-M12-M14Z1	M12 x 1,50	M14 x 1,50	Z1
148-M14-M16P	M14 x 1,50	M16 x 1,50	P
148-M16-M18P	M16 x 1,50	M18 x 1,50	P
148-M18-M22P	M18 x 1,50	M22 x 1,50	P
148-M22-M26P	M22 x 1,50	M26 x 1,50	P

**149**

Metric equal male concave seat

Part No.	Metric A	Metric B	Mat
149-M12P	M12 x 1,50	M12 x 1,50	P
149-M14P	M14 x 1,50	M14 x 1,50	P
149-M16P	M16 x 1,50	M16 x 1,50	P
149-M18P	M18 x 1,50	M18 x 1,50	P

**BSP Male to Metric male Adaptors****Fitting type:**  
Adaptor**Material:**  
P, Z1**BSP Plug****Fitting type:**  
Plug  
**Material:**  
P**Metric Adaptors****Fitting type:**  
Adaptor  
**Material:**  
P, Z1, C, D  
**Colour:**  
D = Blue (Unless stated)

## Metric Adaptors

314

**Fitting type:***Adaptor***Material:***P, Z1, C, D***Colour:***D = Blue (Unless stated)*

### Plug

Part No.	Metric	Mat
314-21SD	M8 x 1,00 - socket head	D
314-31P	M10 x 1,00	P
314-31SDBK	M10 x 1,00 - socket head	D - black
314-M122P	M12 x 1,25	P
314-M12D	M12 x 1,50	D
314-M14D	M14 x 1,50	D
314-M14P	M14 x 1,50	P
314-M14SD	M14 x 1,50 - socket head	D
314-M16P	M16 x 1,50	P
314-M18D	M18 x 1,50	D
314-M22P	M22 x 1,50	P

## Metric & JIC/UNF Banjo Adaptors and banjo bolts

776 Single banjo



Part No.	Hole size	JIC/UNF	Mat
776-03-04CH	7/16"	3/8 x 24	CH
776-03-04Z1	7/16"	3/8 x 24	Z1
776-03C	3/8", 10mm	3/8 x 24	C
776-03CH	3/8", 10mm	3/8 x 24	CH
776-03D	3/8", 10mm	3/8 x 24	D
776-03Z1	3/8", 10mm	3/8 x 24	Z1
776-04-03Z1	3/8"	7/16 x 20	Z1
776-04-M12D	12 mm	7/16 x 20	D
776-04-M12DBK	12 mm	7/16 x 20	D
776-04-M12Z1	12 mm	7/16 x 20	Z1
776-04-M14D	14 mm	7/16 x 20	D
776-04-M14DBK	14 mm	7/16 x 20	D
776-04Z1	7/16"	7/16 x 20	Z1
776-06-04D	7/16"	9/16 x 18	D
776-06-04DBK	7/16"	9/16 x 18	D
776-06-M12D	12 mm	9/16 x 18	D

Part No.	Hole size	JIC/UNF	Mat
776-06-M12DBK	12 mm	9/16 x 18	D
776-06-M14D	14 mm	9/16 x 18	D
776-06-M14DBK	14 mm	9/16 x 18	D
776-06-M16D	16 mm	9/16 x 18	D
776-06-M16DBK	16 mm	9/16 x 18	D
776-06D	9/16"	9/16 x 18	D
776-06DBK	9/16"	9/16 x 18	D
776-08-M14D	14 mm	3/4 x 16	D
776-08-M14DBK	14 mm	3/4 x 16	D
776-08-M16D	16 mm	3/4 x 16	D
776-08-M16DBK	16 mm	3/4 x 16	D
776-08-M18D	18 mm	3/4 x 16	D
776-08-M18DBK	18 mm	3/4 x 16	D
776-10-M18D	18 mm	7/8 x 14	D
776-10-M20D	20 mm	7/8 x 14	D

779



### Straight double banjo JIC

Part No.	Hole size	JIC/UNF	Mat
779-03C	3/8", 10 mm	3/8 x 24	C
779-03Z1	3/8", 10 mm	3/8 x 24	Z1
779-06-04D	7/16"	9/16 x 18	D
779-06-04DBK	7/16"	9/16 x 18	D

**Fitting type:***Banjo bolt***Material:***C, CH, D, P, Z1***Colour:***D = Blue (Unless stated)*

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**775**

Single banjo bolt JIC

Part No.	JIC/UNF	Mat	Note	To suit banjo
775-04C	7/16 x 20	C	-	-04
775-04CH	7/16 x 20	CH	-	-04
775-04D	7/16 x 20	D	-	-04
775-04LZ1	7/16 x 20	Z1	Long (25 mm under hex)	-04
775-04Z1	7/16 x 20	Z1	-	-04
775-06D	9/16 x 18	D	-	-06
775-44BK	7/16 x 24	Mild steel	Black	-04
775-44C	7/16 x 24	C	-	-04
775-44CBK	7/16 x 24	C	Black	-04
775-44CH	7/16 x 24	CH	-	-04
775-44Z1	7/16 x 24	Z1	-	-04

**992**

Single banjo bolt metric

Part No.	Metric	Mat	Note	To suit banjo
992-04-32C	M10 x 1,25	C	-	-04
992-04-M121D	M12 x 1,00	D	-	-04
992-04-M121DBK	M12 x 1,00	D	Black	-04
992-04-M121SC	M12 x 1,00	C	Short (25 mm under hex)	-04
992-04-M121SZ1	M12 x 1,00	Z1	-	-04
992-04-M121Z1	M12 x 1,00	Z1	-	-04
992-04-M122D	M12 x 1,25	D	-	-04
992-04-M122DBK	M12 x 1,25	D	Black	-04
992-04-M122Z1	M12 x 1,25	Z1	-	-04
992-04-M12C	M12 x 1,50	C	-	-04
992-04-M12CH	M12 x 1,50	CH	-	-04
992-04-M12D	M12 x 1,50	D	-	-04
992-04-M12DBK	M12 x 1,50	D	Black	-04
992-06-M12D	M12 x 1,50	D	-	-06
992-06-M12DBK	M12 x 1,50	D	Black	-06
992-06-M141D	M14 x 1,00	D	-	-06
992-06-M142D	M14 x 1,25	D	-	-06
992-06-M142DBK	M14 x 1,25	D	Black	-06
992-06-M14D	M14 x 1,50	D	-	-06
992-06-M14DBK	M14 x 1,50	D	Black	-06
992-06-M16D	M16 x 1,50	D	-	-06
992-06-M16DBK	M16 x 1,50	D	Black	-06
992-08-M16D	M16 x 1,50	D	-	-08
992-08-M16DBK	M16 x 1,50	D	Black	-08
992-08-M18D	M18 x 1,50	D	-	-08
992-08-M18DBK	M18 x 1,50	D	Black	-08



Top Tip: Please see thread guide and Technical Information section at the back of the catalogue.

**Metric & JIC/UNF Banjo Adaptors and banjo bolts****Copper crush washers can be found in the Ancillary (13) section****Fitting type:**

Banjo bolt

**Material:**

C, CH, D, P, Z1

**Colour:**

D = Blue (Unless stated)

## Special Adaptors (Inc female port)

**AN920**

Straight o'ring boss to JIC male

Part No.	JIC/UNF A	JIC/UNF B	Mat
AN920-04D	7/16 x 20	7/16 x 20	D
AN920-04DBK	7/16 x 20	7/16 x 20	D-black
AN920-06D	9/16 x 18	9/16 x 18	D
AN920-06DBK	9/16 x 18	9/16 x 18	D-black
AN920-06-10D	9/16 x 18	7/8 x 14	D
AN920-08D	3/4 x 16	3/4 x 16	D
AN920-08DBK	3/4 x 16	3/4 x 16	D-black
AN920-08-10D	3/4 x 16	7/8 x 14	D
AN920-08-10DBK	3/4 x 16	7/8 x 14	D-black
AN920-10D	7/8 x 14	7/8 x 14	D
AN920-10DBK	7/8 x 14	7/8 x 14	D-black
AN920-10-08D	7/8 x 14	3/4 x 16	D
AN920-10-08DBK	7/8 x 14	3/4 x 16	D-black
AN920-12D	1 1/16 x 12	1 1/16 x 12	D

**FP190/191**

JIC male to male with female NPT in hex

Part No.	NPT Hole size	JIC/UNF	Mat
FBM2183	1/8"	9/16 x 18	D
FP190	1/8"	9/16 x 18	D
FP191	1/8"	3/4 x 16	D

**FP192/193**

JIC female to male with female NPT in hex

Part No.	NPT Hole size	JIC/UNF	Mat
FP192	1/8"	9/16 x 18	D
FP193	1/8"	3/4 x 16	D

## Special Adaptors

Fuel and oil pressure  
gauge fittings

**GA**

Straight



90°



Fuel and oil pressure gauge fittings

Part No.	Thread A	Thread B	Mat
GA-3	Male -03AN	Female 1/8 NPT	P
GA-4	Male -04AN	Female 1/8 NPT	P
GA-903	Male -03AN	90° Female 1/8 NPT	P

**Fitting type:**  
Adaptor

**Material:**  
P

**Application:**  
Gauges

**Material Key:**

B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium, P: Zinc Plated Carbon Steel, Z1: Silver Plated Carbon Steel

**FM10100**

Male to female adaptor

Part No.	JIC/UNF A	Metric B	Mat	Note
FM10100-03Z1	3/8 x 24	10 x 1.00	Z1	Female convex
FM10100-04	7/16 x 20	10 x 1.00	P	Female convex

**FM10125**

Male to female adaptor

Part No.	JIC/UNF A	Metric B	Mat	Note
FM10125-03	3/8 x 24	10 x 1.25	P	Female convex

**FM10150**

Male to female brake adaptor

Part No.	JIC/UNF A	Metric B	Mat	Note
FM10150-03FZ1	3/8 x 24	10 x 1.50	Z1	Female convex

**FM10324**

Male to female adaptor

Part No.	JIC/UNF A	JIC/UNF B	Mat	Note
FM10324-03	3/8 x 24	3/8 x 24	P	Female convex
FM10324-04	3/8 x 24	7/16 x 20	P	Female convex

**FM10716**

Male to female adaptor

Part No.	JIC/UNF A	JIC/UNF B	Mat	Note
FM10716-03Z1	3/8 x 24	7/16 x 24	Z1	Female convex
FM10716-04	7/16 x 20	7/16 x 24	Z1	Female convex

**Brake Adaptors**

A range of brake adaptors to cover almost every combination; suitable for racing, road legal vehicle, motorcycle or custom project.

**Fitting type:**  
Brake Adaptor

**Material:**  
C, CH, P

**Application:**  
Brake Systems

**To suit hose:**  
600 series