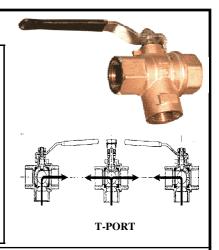
# **BALL VALVES**

#### WORKING TEMPERATURE -15°C to 120°C

Body:Nickel Plated BrassStem:BrassBall:Chromed BrassSealsPTFEHandleZinc Plated Steel

#### T-PORT FULL BORE BOTTOM ENTRY

CODE No.	BSP	BORE Ø	WORKING PRESS. @ 20°C	EACH
BE04T	1/4	10mm	2500KPA 350PSI	
BE06T	3/8	10mm	2500KPA 350PSI	
BE08T	1/2	15mm	2500KPA 350PSI	
BE12T	3/4	20mm	1600KPA 230PSI	
BE16T	1"	25mm	1600KPA 230PSI	
BE20T	1-1/4	32mm	1000KPA 140PSI	
BE24T	1-1/2	40mm	1000KPA 140PSI	
BE32T	2"	50mm	1000KPA 140PSI	



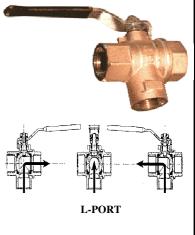
#### WORKING TEMPERATURE -15°C to 120°C

Body: Nickel Plated Brass
Stem: Brass
Ball: Chromed Brass
Seals PTFE

Handle Zinc Plated Steel

#### **L-PORT FULL BORE BOTTOM ENTRY**

CODE No.	BSP	BORE Ø	WORKING PRESS. @ 20°C	EACH
BE04	1/4	10mm	2500KPA 350PSI	
BE06	3/8	10mm	2500KPA 350PSI	
BE08	1/2	15mm	2500KPA 350PSI	
BE12	3/4	20mm	1600KPA 230PSI	
BE16	1"	25mm	1600KPA 230PSI	
BE20	1-1/4	32mm	1000KPA 140PSI	
BE24	1-1/2	40mm	1000KPA 140PSI	
BE32	2"	50mm	1000KPA 140PSI	



#### WORKING TEMPERATURE -20°C to 110°C

Body: Nickel Plated Brass

Stem: Brass
Gland: Brass
Ball: Chromed Brass
Seats: PTFE

Stem Seals: 2 O-Rings (1 x Viton & 1 x NBR)

Hose Fitting: Nickel Plated Brass
Handle: Zinc plated steel and

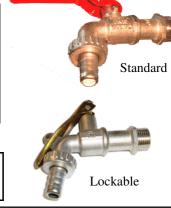
varnished

## **EKO BALL BIB COCK**

CODE No.	BSPxHOSE	BORE Ø	WORKING PRESS. @ 20°C	EACH
EKO06	3/8 x 12mm	8mm	1500KPA 215PSI	
EKO08	1/2 x 16mm	10mm	1500KPA 215PSI	
EKO12	3/4 x 20mm	12.5mm	1500KPA 215PSI	
EKO16	1" x 26mm	17.5mm	1200KPA 170PSI	



EKO08-L	1/2 x 16mm	10mm	1500KPA 215PSI	
EKO12-L	3/4 x 20mm	12.5mm	1500KPA 215PSI	





# SCREWDRIVER SLOTTED MINI BALL VALVES

These Ball Valves have a screw-driver slot instead of a handle.

CODE No.	BSP	BORE	WORKING PRESS. @ 20°C	EACH
DRSMBM04	1/4	8mm	1470KPA 220PSI	
DRSMBM08	1/2	10mm	1470KPA 220PSI	
DRSMBM12	3/4	14mm	1470KPA 220PSI	

## NYLON DRUM COCKS



Supplied sometimes in white.

CODE No.	BSP	OUTLET	EACH
PDT01	3/4	5/16	
PDT02	3/4	7/16	
PDT03	3/4 Square	7/16	

COCKS
These cocks re ideal for use with thinners, petrol and oils. They fit

60lt drums.

NYLON DRUM

**PLUS 10% GST** 

CATEGORY 23.5

# **CHECK VALVES**

**IFS** 

#### **MINI CHECK VALVES**

Body: Aluminium Spring: 18/8 Stainless Steel Working Pressure @ 20°C 1000KPA — 145PSI

#### **NBR SEALED**

Working Temperature -5°C to 70°C Minimum operating back pressure to seal is 14.22 psi/98kpa

#### **VITON SEALED**

Working Temperature -5°C to 200°C Minimum operating back pressure to seal is 43psi/322kpa



BSP	1/8	1/4	3/8	1/2
Across Flat (mm)	14	16	21	25
Length (mm)	38	47	51	61

CODE No.	SEAL	BSP	EACH
MCV02	NBR	1/8	
MCV02V	VITON	1/8	
MCV04	NBR	1/4	
MCV04V	VITON	1/4	
MCV06	NBR	3/8	
MCV06V	VITON	3/8	
MCV08	NBR	1/2	
MCV08V	VITON	1/2	



The EUROSTOP HEAVY DUTY CHECK VALVE is suitable for a wide range of mediums including most carbon fuel derivatives. However when using carbon fuels it is recommended

The EUROSTOP can be installed in any position; VERTICAL, HORIZONTAL or OBLIQUE.

that viton seals are used.

The EUROSTOP can be easily converted to a foot valve with the addition of strainer screwed onto the inlet side of the valve.

## **VALSTOP HEAVY DUTY CHECK VALVE**

CODE No.	BSP	SEATS	WORKING PRESS. @ 20 deg c	EACH
CV04	1/4	NBR	4800KPA 570PSI	
CV04V	1/4	VITON	4800KPA 570PSI	
CV06	3/8	NBR	4800KPA 570PSI	
CV06V	3/8	VITON	4800KPA 570PSI	
CV08	1/2	NBR	4000KPA 570PSI	
CV08V	1/2	VITON	4000KPA 570PSI	
CV12	3/4	NBR	3500KPA 570PSI	
CV12V	3/4	VITON	3500KPA 570PSI	
CV16	1"	NBR	3000KPA 430PSI	
CV16V	1"	VITON	3000KPA 430PSI	
CV20	1-1/4	NBR	2500KPA 430PSI	
CV20V	1-1/4	VITON	2500KPA 430PSI	
CV24	1-1/2	NBR	2500KPA 360PSI	
CV24V	1-1/2	VITON	2500KPA 360PSI	
CV32	2"	NBR	2000KPA 290PSI	
CV32V	2''	VITON	2000KPA 290PSI	
CV40	2-1/2	NBR	1600KPA 230PSI	
CV48	3"	NBR	1600KPA 230PSI	
CV48V	3''	VITON	1600KPA 230PSI	
CV64V	4''	VITON	1600KPA 230PSI	

Body: Brass Jumper: Ultem Jumper Guide Nylon

30% Glass filled Seat: NBR or Viton Spring: 302 S/Steel

#### NBR=

Nitrilic Butadiene Rubber Working Temperature -20°C to 80°C

#### VITON:

Working Temperature -20°C to 135°C

**Cracking Pressure** 

2.5KPA — 0.3PSI

Min. Working Pressure

#### YORK LIGHT DUTY CHECK VALVE

## **EUROPA HEAVY DUTY CHECK VALVE**



The YORK LIGHT DUTY CHECK VALVE is a low pressure valve mainly for use with compressed air and water applications.

Body: Brass Stem Seat: Nylon Seat: NBR

Spring: AISI 302 S/Steel Temp. -20C to 100 °C

_								
	YORK CODE No.	BSP	WORKING PRESS.	EACH	EUROPA CODE No.	BSP	WORKING PRESS.	EACH
	YCV06	3/8	170PSI		ECV06	3/8	360PSI	
	YCV08	1/2	170PSI		ECV08	1/2	360PSI	
	YCV12	3/4	170PSI		ECV12	3/4	360PSI	
	YCV16	1"	170PSI		ECV16	1"	360PSI	
	YCV20	1-1/4	140PSI		ECV20	1-1/4	260PSI	
	YCV24	1-1/2	140PSI		ECV24	1-1/2	260PSI	
	YCV32	2"	140PSI		ECV32	2"	260PSI	
	YCV40	2-1/2	110PSI		ECV40	2-1/2	170PSI	
	YCV48	3"	110PSI		ECV48	3"	170PSI	
	YCV64	4"	110PSI		ECV64	4"	170PSI	



The EUROPA HEAVY DUTY CHECK VALVE is a high pressure valve mainly for use with compressed air and water applications. With it's Brass & S/Steel internals it is able to withstand higher pressures than the York light duty check valve.

Body: Brass

Internal Seat: 304 S/Steel Plate fitted

with NBR seat. Brass cover plate & rod.

Seat: NBR

Spring: AISI 302 S/Steel Temp. -20C to 100 ℃

CATEGORY 23.6

# **VALVES & STRAINERS**



Stainless Steel Strainer (threaded male bsp)



Brass Foot Valve (threaded female bsp)

#### **STAINLESS STEEL STRAINER & FOOT VALVES**

BSP	STRAINER CODE	EACH	FOOT VALVE CODE	EACH
3/8	CVS06		-	-
1/2	CVS08		FV08	
3/4	CVS12		FV12	
1"	CVS16		FV16	
1-1/4	CVS20		FV20	
1-1/2	CVS24		FV24	
2"	CVS32		FV32	
2-1/2	CVS40		FV40	
3''	CVS48		FV48	
4''	CVS64		FV64	

The STAINLESS STEEL STRAINER can be combined with the EUROPA YORK or Valstop check valves to make a foot valve. The mesh is 500 micron and made from 304 Stainless Steel. It can be used on its own, on the end of a piece of pipe, for example, to act as a strainer on a pick-up line for fuel or any fluids. NOTE: Mesh is S/Steel,

Thread is either Nylon or

#### **BRASS SWING CHECK VALVE**

Body:	Hot Pressed Brass
Cap:	Brass
Disc:	Brass
Washer:	NBR
Hinge	Hot Pressed Brass
Pin:	Brass
O-Ring:	NBR
Plug:	Brass
_	

CODE No.	BSP	WORKING PRESS. @ 20° c	EACH
SCV08	1/2	170PSI	
SCV12	3/4	170PSI	
SCV16	1"	170PSI	
SCV20	1-1/4	140PSI	
SCV24	1-1/2	140PSI	
SCV32	2"	140PSI	
SCV40	2-1/2	110PSI	
SCV48	3"	110PSI	
SCV64	4"	110PSI	



The SWING CHECK VALVE is a low pressure valve mainly for use with water. It should only be used in the horizontal position as it relies on back flow pressure to remain shut.

#### **BRASS Y STRAINER**

Body:	Brass
Cap:	Brass
Strainer:	304 S/Steel
Mesh Micron:	500
1.10011 1.11010111	200

Max. Working Pressure @ 20° c 2000KPA — 290PSI up to size 2".

CODE No.	BSP	EACH
Y04	1/4	
Y06	3/8	
Y08	1/2	
Y12	3/4	
Y16	1"	
Y20	1-1/4	
Y24	1-1/2	
Y32	2"	



#### **DUAL FLAP WAFER CHECK VALVES**

Body: Cast Iron 316 Stainless Steel Shaft: Seat: **EPDM** Disc: 316 Stainless Steel Flange: Table E Tested to: AP1598 DIN 3230

> Temp.  $-10^{\circ}$  C to  $120^{\circ}$  C Working Pressure: 232psi

CODE No.	BSP	EACH
23-WCV32	2"	
23-WCV40	2-1/2"	
23-WCV48	3"	
23-WCV64	4''	
23-WCV80	5"	
23-WCV96	6"	
23-WCV128	8''	



**PLUS 10% GST** 

CATEGORY 23.7

# **INDUSTRIAL BRASS BALL VALVES**

#### **INDUSTRIAL FULL BORE BALL VALVES**

**MATERIALS** 

Nickel Plated Brass Body: Chrome Plated Brass Ball:

Seat Seals: PTFE Gland Seals:

Handle: Steel Flat Lever up to 2"

Working Temperature: -20°C — 150°C





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231	
	5

CILLI DODE MAE DALI VALVE

	FULL BUKE MXF BALL VALVE					
CODE No.	BSP	<b>BORE SIZE</b> Ø	WORK PRESS. @ 20°C	EACH		
BFM04	1/4	6mm	4900KPA 710PSI			
BFM06	3/8	10mm	4900KPA 710PSI			
BFM08	1/2"	12mm	2950KPA 430PSI			
BFM12	3/4"	20mm	2950KPA 430PSI			
BFM16	1"	25mm	2950KPA 430PSI			
BFM20	11/4	32mm	2500KPA 360PSI			
BFM24	11/2	40mm	2500KPA 360PSI			
BFM32	2"	50mm	2000KPA 290PSI			

CODE No.	BSP	BORE SIZE Ø	WORK PRESS. @ 20°C	EACH
BBV04	1/4	10mm	4900KPA 710PSI	
BBV06	3/8	10mm	4900KPA 710PSI	
BBV08	1/2"	12mm	2950KPA 430PSI	
BBV12	3/4"	20mm	2950KPA 430PSI	
BBV16	1"	25mm	2950KPA 430PSI	
BBV20	11/4"	32mm	2500KPA 360PSI	
BBV24	11/2"	40mm	2500KPA 360PSI	
BBV32	2"	50mm	2000KPA 290PSI	
BBV40	21/2"	65mm	1800KPA 260PSI	
BBV48	3"	75mm	1550KPA 230PSI	
BBV64	4"	100mm	1350KPA 200PSI	

## **NON AGA APPROVED**



Body: Nickel Plated Brass Chrome Plated Brass Ball: Seat Seals: **PTFE** 

Gland Seals: PTFE

Handle: Zinc Plated Pressed Steel

Working Temperature: -20°C — 150°C



## **NON AGA APPROVED**

#### **FULL BORE MXF BALL VALVE T-HANDLE**

#### **FULL BORE FXF BALL VALVE T-HANDLE**

CODE No.	BSP	BORE SIZE Ø	WORK PRESS. @ 20°C	EACH
BFMT04	1/4	6mm	4820KPA 700PSI	
BFMT06	3/8	10mm	4820KPA 700PSI	
BFMT08	1/2"	12mm	4820KPA 700PSI	
BFMT12	3/4"	20mm	3930KPA 570PSI	
BFMT16	1"	25mm	3930KPA 570PSI	
BFMT20	11/4	30mm	3000KPA 570PSI	

CODE No.	BSP	<b>BORE SIZE</b> Ø	WORK PRESS. @ 20°C	EACH
BFFT04	1/4	6mm	4820KPA 700PSI	
BFFT06	3/8	10mm	4820KPA 700PSI	
BFFT08	1/2"	12mm	4820KPA 700PSI	
BFFT12	3/4"	20mm	3930KPA 570PSI	
BFFT16	1"	25mm	3930KPA 570PSI	
BFFT20	11/4	30mm	3000KPA 430PSI	



## **INDUSTRIAL MINI BALL VALVES NON AGA APPROVED**



CODE No.	BSP	BORE Ø	WORKING PRESS @ 20°C	EACH
BMB02	1/8	8mm	1470KPA 220PSI	
BMB04	1/4	8mm	1470KPA 220PSI	
BMB06	3/8	8mm	1470KPA 220PSI	
BMB08	1/2	10mm	1470KPA 220PSI	
BMB12	3/4	14mm	1470KPA 220PSI	

CODE No.	BSP	BOREØ	WORKING PRESS @20°C	EACH
BMBM02	1/8	8mm	1470KPA 220PSI	
BMBM04	1/4	8mm	1470KPA 220PSI	
BMBM06	3/8	8mm	1470KPA 220PSI	
BMBM08	1/2	10mm	1470KPA 220PSI	
BMBM12	3/4	14mm	1470KPA 220PSI	

## **CATEGORY 23.8**

# **INDUSTRIAL BRASS BALL VALVES**

**IFS** 

#### INDUSTRIAL FULL BORE BALL VALVES—STAINLESS STEEL HANDLE

Body: Nickel Plated Brass Ball: Chrome Plated Brass

Seat Seals: PTFE Gland Seals: PTFE

Handle: 304 Stainless Steel Flat Lever

Working Temperature: -20°C — 150°C

These valves are suitable for Air, Water and Petroleum based products. They are ideal for use in marine or irrigation applications (such as remote area irrigation valves boxes) where a full stainless steel bodied valve is not required, but a stainless steel handle is still required due to environmental factors that cause deterioration of steel handles. The nickel plated brass bodies give excellent corrosion resistance and protection from harsh environmental factors.

## NON AGA APPROVED



#### **FULL BORE FXF BALL VALVE**

I OLL DOILL IN DALL WALVE					
CODE No.	BSP	BORE SIZE Ø	WORK PRESS. @ 20°C	EACH	
SHBBV06	3/8	10mm	4000KPA 580PSI		
SHBBV08	1/2"	15mm	4000KPA 580PSI		
SHBBV12	3/4"	20mm	4000KPA 580PSI		
SHBBV16	1"	25mm	4000KPA 580PSI		
SHBBV20	11/4"	32mm	4000KPA 580PSI		
SHBBV24	11/2"	40mm	4000KPA 580PSI		
SHBBV32	2"	50mm	4000KPA 580PSI		

**PLUS 10% GST** 

CATEGORY 23.9

# **BUTTERFLY & GATE VALVES**



#### **BUTTERFLY VALVES—Wafer**

CODE No.	SIZE	EACH
BV32W	2"	
BV40W	2-1/2"	
BV48W	3"	
BV64W	4"	
BV80W	5"	
BV96W	6"	





#### **BUTTERFLY VALVES—Lugged**

CODE No.	SIZE	EACH
BV32L	2''	
BV40L	2-1/2"	
BV48L	3"	
BV64L	4"	
BV80L	5"	
BV96L	6''	
BV128L	8"	



Body: Cast Iron Shaft: Stainless Steel

Seat: **EPDM** 

Disc: Stainless Steel Design Standard: Test Standard: Face to Face Standard: Flange Standard:

EN 593:2004 EN 12266-1:2003 EN 558-1:1996 DIN PN10

Pressure: 232psi 0 - 120°C Temp:

Medium: Suitable for use with non potable water, sea water,

waste water, food, steam & oils.

Body: Hot Pressed Brass Bonnet: Brass Wedge: Hot Pressed Brass Stem: Brass

Nut: Brass Gland: Brass Hot Pressed Seat: Brass

Handle: Steel EPDM 90 Washer:

Some Premium Gate Valves are available. Please check with our sales office for pricing and sizes available.

#### **BRASS GATE VALVE—UNTESTED**

CODE No.	BSP	<b>WORKING PRESS.</b>	EACH
GV08	1/2	1000KPA 145PSI	
GV12	3/4	1000KPA 145PSI	
GV16	1"	1000KPA 145PSI	
GV20	1-1/4	1000KPA 145PSI	
GV24	1-1/2	1000KPA 145PSI	
GV32	2"	1000KPA 145PSI	
GV40	2-1/2	1500KPA 230PSI	
GV48	3"	1500KPA 230PSI	
GV64	4"	1500KPA 230PSI	



Working Temperature 0°C to 120°C

## **CATEGORY 23.10**

PTFE

pure

## THREAD SEALANTS



installations. .075mm Thick x 12mm Wide.

TAPE

virgin PTFE

manufactured from 100%

(polytetraflouroethylene).

It will not react with most chemicals or fuels, so can

safely be used in most

i s

(25mm)

Working Temperature -190 to +232C

BINI	DTI	TIID	FAD TAI	NF		
12M		N/A	N/A	N/A	N/A	N/A
10M						

#### **PINK PITE I MKEAU IAPE (Plumbers Tape)**

CODE No.	Description	EACH
24-001P	.075mm Thick x 12mm Wide x 10M Long	

PTFE TAPE is manufactured from 100% pure virgin PTFE (polytetraflouroethylene). It will not react with most chemicals or fuels, so can safely be used in most installations.

> Working Temperature -190°C to 232°C

#### **HEAVY DUTY WHITE PTFE THREAD TAPE**

.076mm Thick x 12mm Wide x 10M Long

CODE No. EACH 24-001HD



YELLOW GAS PTFE THREAD TAPE AGA APPROVAL No. 5034

Working Temperature

-220°C to 310°C

CODE No.	Description	<b>Qty</b> 1-19	Qty 20-39	Qty 40-59	Qty 60-79	Qty 80-99	Qty 100-199	Qty 200+
24-002	.1mm Thick x 12mm Wide x 10M Long							

Working Pressure

2600KPA — 370PSI

CODE No.	Description	EACH
24-002-30	.1mm Thick x 12mm Wide x 30M Long	
24-003	.1mm Thick x 25mm Wide x 10M Long	
24-004	.1mm Thick x 19mm Wide x 10M Long	



Working Temperature

-268°C to 288°C

Working Pressure

68950KPA — 10000PSI

## **GREEN OXYGEN PTFE THREAD TAPE**

.102mm Thick x 12mm Wide x 12M Long

CODE No. EACH 24-005



Working Temperature

-268°C to 288°C

Working Pressure

## SILVER S/STEEL PTFE THREAD TAPE

.102mm Thick x 12mm Wide x 6.5M Long

To prevent galling when screwing s/steel fittings

**CODE No.** 24-006

**EACH** 



68950KPA — 10000PSI

## **DENSO TAPE**

AQUILIT COPYTHEN	
DENSO TAPE	

CODE No.	WIDTH	LENGTH	PER ROLL
24-DENSO	50mm	10m	
24-DENSO75	75mm	10m	
24-DENSO100	100mm	10m	
24-DENSO150	150mm	10m	

For protecting metal substances above and below ground. Applied by cold application which doesn't require elaborate surface preparation or equipment. Working temperature: 0 to 55°c

## **DUCT TAPE**

**CODE No.** 24-DUCT **EACH** 



Ducting Tape: 48mm wide x 30mtrs

## **PLUS 10% GST**

**CATEGORY 24.1** 



# **THREAD SEALANTS**

**IFS** 

1	FORMULI	AS TH	AAT WORK	1
CODE No.	DESCRIPTION	SIZE	FEATURES	EACH
24-B2001-114	METAL EPOXY	114gm	A hand kneadable specialty putty that mixes in 1 minute. Hardens in 10 minutes, full strength in 24 hours.	
24-B2002-114	ALUM EPOXY	114gm	After proper mixing, Aluminium Stick moulds like clay and may be used to permanently patch dents, scratches, cuts, gouges and holes	
24-B2003-114	PLASTIC EPOXY	114gm	PLAS-STICK is a hand kneadable, Specialty Epoxy Putty that mixes in one minute to provide fast, permanent repairs to most plastic surfaces.	
24-B2012C-28	EPOXY RESIN	28gm	B2012 is a two part, rapid cold curing epoxy adhesive.	
24-B2013C-28		28ml	A steel-filled epoxy putty for general maintenance and repairs.	
24-B2013-50	STEEL EPOXY	50ml	For filling, rebuilding and bonding metal surfaces.	
24-B2060C-28	60 Second EPOXY	28ml	60 SECOND EPOXY is a two part, rapid cold curing epoxy adhesive.	
24-B222C-10		10ml		
24-B222C-25	SCREWLOCK	25ml	B222 ( <b>Purple</b> ) Screwlock is an Anaerobic Threadlocker of <b>low Strength</b> designed for easy disassembly of treated components. B222's Anaerobic nature allows it to cure only when confined between metal parts.	
24-B222C-50		50ml	Service temperature range: -40 to +150c	
24-B243C-10		10ml	B243 ( <b>Blue</b> ) is a <b>medium strength</b> Anaerobic formulation blue in colour designed to be	
24-B243C-25	NUTLOCK	25ml	used on parts in an "As Received" condition, such as those with protective films (oils) etc.	
24-B243C-50	<u>'</u>	50ml	Service temperature range: -55°C - +150°C	
24-B262C-10		10ml	B262 ( <b>Red</b> ) Threadlocker is a permanent red coloured general purpose adhesive for	
24-B262C-25	THREADLOCK	25ml	permanent threaded assemblies. B262 locks studs up to 1", sealing against leakage and corrosion. It is chemical resistant, resisting fuels, lubricants and most Industrial Liquids	
24-B262C-50	,	50ml	and gases.	
24-B270C-10		10ml	B270 ( <b>Green</b> ) Studlocker is a <b>high strength</b> permanently Green coloured general purpose adhesive for permanent threaded assemblies. B270 locks studs up to 1", sealing	
24-B270C-25	STUDLOCK	25ml	against leakage and corrosion. It is chemical resistant, resists fuels, lubricants and most Industrial Liquids and gases.	
24-B270C-50	<u>'</u>	50ml	Service temperature range: -55°C - +150°C	
24-B272C-10		10ml	B272 ( <b>Red</b> ) Threadlocker is a <b>high strength</b> permanent red coloured general purpose	
24-B272C-25	THREADLOCK	25ml	adhesive for permanent threaded assemblies. B272 locks studs up to 40mm sealing against leakage and corrosion.	
24-B272C-50	,	50ml	Service temperature range: -55°c to 230°c	
24-B275-250	THREADLOCK	250ml	B275 ( <b>Green</b> ) modified is an Anaerobic Plastic Gasket in the form of a Viscous Paste and it is used to give High Strength threadlocker. Replaces Cord or Paper Gaskets.  Service temperature range: -55°C - +150°C	
24-B277C-10		10ml	B277 Studlocker is a permanent <b>Green</b> coloured general purpose adhesive for	
24-B277C-25		25ml	permanent threaded assemblies. B277 locks studs up to 1", sealing against leakage and corrosion. It is <b>chemical resistant</b> , resisting fuels, lubricants and most industrial liquids and gases.	
24-B277C-50	STUDLOCK	50ml	B277 Studlocker eliminates double nutting and/or welding of critical assemblies. Using B277 Studlocker permits reduced casting thickness and ultimate lightness, reduced assembly stress and eliminates cracked castings due to interference fit stresses.  Service temperature range: -55°C - +150°C	
24-B277-250		250ml		
24-B290C-10	PENETRATOR	10ml	B290 ( <b>Green</b> ) is a Fast Cure anaerobic securing compound which is very low in viscosity, thus enabling the wicking action to search into the voids in assembled	
24-B290C-25	PENETRATOR	25ml	components and cure anaerobically in the absence of air on close fitting metal parts.  Service temperature range: -55°C - +150°C	

**CATEGORY 24.2** 



# THREAD SEALANTS

CODE No.	DESCRIPTION	SIZE	FEATURES	EACH
24-B3285-38	2 PART ADHESIVE	38gm	Polyolefin Bonder , 2 part acrylic based structural adhesive, that will bond dissimilar materials.	
24-B401C-3		3gm		
24-B401-10	GENERAL ADHESIVE	10gm	General purpose adhesive for bonding most materials including metals, ceramics, plastics, woods, rubbers, glass, paper and leather. Medium viscosity, fast cure, and bonds in 5 seconds.	
24-B401C-20		20gm	iii 3 seconds.	
24-B406C-20	RUBBER, PLASTIC ADHESIVE	20gm	For bonding most rubbers and plastics, O'rings and EFDM. Fast curing and bonds in seconds. Can be used with B770 primer for difficult plastics and elastomers.  Service temperature range: -40 to +100c	
24-B454C-20	ADHESIVE GEL	20gm	General purpose gap filling, non drip adhesive gel, for bonding most materials including metals, ceramics, plastics, woods, rubbers, glass, paper and absorbent materials. Fast cure, and bonds in seconds.	
24-B460C-20	INSTANT ADHESIVE LOW ODOUR	20gm	General purpose adhesive for bonding most materials including metals, ceramics, plastics, woods, rubbers, glass, paper and leather.  Medium viscosity, fast cure, and bonds in 5 seconds.	
24-B480C-20	INSTANT ADHESIVE	20gm	B480 is a Cyanoacrylate Instant Adhesive and bonds metals, plastics, wood, ceramics, rubber, leather, card, glass and many other materials.	
24-B510C-65		65ml	B510 ( <b>Red</b> ) is a fast set, Form-In-Place Gasket maker for all types of metal parts, sealing	
24-B510-250	FORM A GASKET	250ml	and resisting temperatures up to 200°c.	
24-B515C-65		65ml	B515 ( <b>Dark Purple</b> ), is a smooth Purple thick paste. Easily applied, B515 cures once	
24-B515-250	GASKET ELIMINATOR	250ml	confined between the parts to form a tough, flexible gasket. B515 gives an Instant low pressure seal. Fills gaps up to .25mm.	
24-B515-310		310ml	Service temperature range: -55 to +150c	
24-B518-50	FLEXIBLE	50ml	B518 (Red) is a smooth Red thick paste. Easily applied, B518 cures confined between	
24-518C-65	GASKET ELIMINATOR	65ml	the parts to form a tough, flexible gasket. B518 gives an Instant low pressure seal Fills gaps up to .5mm. For temperatures up to 150c.	
24-B5180-80	NON SETTING GASKET	80ml	B5180 ( <b>Blue</b> ) is a non setting gasket. It is a new technology sealant which is free from the solvent problems of other formulations and stays flexible when cured. B5180 is non cracking user friendly formulation, and is ideal for engine gaskets, surfaces, cylinder heads, water pumps, gear boxes, threaded assemblies, flanges and pipe joints etc.  Service temperature range: -550to +150c	
24-B5190-80	GASKET ELIMINATOR	80ml	B5190 ( <b>Red</b> ) can be used on all types of Engine Components withstanding temperatures up to +350°C intermittent, 280°C constant.  Specific applications include Diesel/ Petrol Engine components.	
24-B5299-220		220ml	B5299 (Black) Aerosol, is a one-part moisture curing silicone sealant. It offers good adhesion to a variety of non-porous substrates such as glass, glazed ceramic tiles, aluminum and metal. It does not contain solvent.	
24-B5299-310BK	HIGH TEMP GASKET	310ml	B5299 ( <b>Black</b> ) is a one-part moisture curing silicone sealant. It offers good adhesion to a variety of non-porous substrates such as glass, glazed ceramic tiles, aluminum and metal. It does not contain solvent.	
24-B5299-310R		310ml	B5299 ( <b>Red</b> ) is a one-part moisture curing silicone sealant. It offers good adhesion to a variety of non-porous substrates such as glass, glazed ceramic tiles, aluminum and metal. It does not contain solvent.	
24-B5331-310	ACETOXY SILICONE	310ml	B5331 RTV Silicone Sealant retains a flexible seal against hot and cold water.	
24-B542C-25		25ml	B542 ( <b>Brown</b> ) Hydraulic Sealant, is a thixotropic liquid which cures	
24-B542C-50	HYDRAULIC SEALANT	50ml	Anaerobically to form a tough, high pressure seal on all types of threaded couplings used on low, medium and high pressure lines.	
24-B542-250		250ml	Service temperature range: -55 to +150c	

NOTE: The 'C' in a part number indicates that the product is supplied in clam shell style blister pack.

**PLUS 10% GST** 

**CATEGORY 24.3** 



# **THREAD SEALANTS**

**IFS** 

	FORMULAS THAT WORK						
CODE No.	DESCRIPTION	SIZE	FEATURES	EACH			
24-B569-10		10ml					
24-B569C-25	HYDRAULIC	25ml	B569 ( <b>Brown</b> ) Hydraulic Seal is a thixotropic liquid which cures Anaerobically to form a tough, high pressure seal on all types of threaded couplings used on low & medium				
24-B569C-50	SEALANT	50ml	pressure lines. Service temperature range: -55°C - +150°C				
24-B569-250	250m						
24-B573C-50		50ml	B573 ( <b>Green</b> ) is a single component, thixotropic anaerobic compound. B573 is designe for low strength sealing of large areas and machined surfaces. B573 allows for easy				
24-B573-250	FLANGE SEALANT	250ml	disassembly and is resistant to most industrial fluids.				
24-B574C-50	INSTANT GASKET	50ml	B574 ( <b>Orange</b> ) is an Instant Gasket material that forms in place, making almost any size and shape, replacing paper, cork etc. The assembled parts are usually suitable for immediate Low Pressure (6 bar) service and once cured can resist 350Bar pressures depending on gap size.				
24-B603-10		10ml					
24-B603C-25	RETAINER, OIL TOLERANT	25ml	B603 ( <b>Green</b> ) is designed for direct application onto as received parts where a light oily film exists or where surrounding parts contamination is a problem in maintenance.  Service temperature range: -55 to +150c				
24-B603C-50		50ml					
24-B620C-10		10ml	B620 ( <b>Green</b> ) is a High Strength Retainer,s designed for the bonding of cylindrical fitting parts. The product cures when confined in the absence of air between close fitting				
24-B620C-50	HIGH STRENGTH RETAINER	25ml	metal surfaces and prevents loosening and leakage from shock and vibration. Typical applications include locating pins in radiator assemblies, sleeves into pump housings and bearings in auto transmissions. Particularly suitable for applications where temperature				
24-B620C-50		50ml					
24-B638C-50	HIGH STRENGTH RETAINER	50ml	B638 ( <b>Green</b> ) Retainer is designed to give High Strength Retention under Cyclic loading. It will retain its full strength and not suffer fatigue under load stress.				
24-B641-10		10ml	ml B641 ( <b>Yellow</b> ) will secure all types and sizes of Bearings, Shafts and Cylindrical parts				
24-B641C-25	BEARING FIT	25ml	which will require disassembly in the future. B641 is of <b>Medium Strength</b> and is colour coded yellow for job identification.				
24-B641C-50		50ml	Service temperature range: -50 to +150c				
24-B648C-25		25ml					
24-B648C-50	HIGH TEMP RETAINER	50ml	B648 ( <b>Green</b> ) is recommended for <b>High Strength</b> securing where continuous working temperature is rated up to 180C. It is a medium viscosity retainer of high strength dealing with gaps of 0.15 mm.				
24-B648-250		250ml	dealing with gaps of 0.15 min.				
24-B660C-50	METAL FILLER	50ml	B660 (Silver) Metal Fill is a press fit repair compound designed to quickly refit worn parts and reach handling strength fast.				
24-B680C-10		10ml	B638 Retainer is designed to give <b>High Strength</b> Retention under Cyclic loading. B680				
24-B680C-25	HIGH STRENGTH RETAINER	25ml	will retain its full strength and not suffer fatigue under load stress. B680 is a cylindrical parts supplement, suited to Structural components such as cylindrical parts under				
24-B680C-50		50ml	dynamic load, keys, splines, even structural tubing with close tolerance fit.  Service temperature range: -50 to +150c				
24-B7063-400	DEGREASER	400ml	B7063 <b>Aerosol</b> is used for the cleaning of components prior to bonding, depositing a correct balance of neutralising ions on the surface, stimulating attraction for the adhesive and preparing the surface for bonding.  Service temperature range: -5°C to + 25°C				
24-B7455-50	CYANOACRYLATE	50ml	B7455 activator is used for the fast curing of Cyanoacrylates, depositing a correct balance of neutralising ions on the surface, stimulating attraction for the adhesive and				
24-B7455-200	ACTIVATOR	200ml	preparing the surface for bonding. Max operating temp5°C to + 25°C.				
24-B7471-100	CURER, ACETONE BASED	100ml	B7471 speeds Cure of all Anaerobic fluids and pastes and extends cure through volume. B7471 helps fixture time and reduces ultimate cure time. <b>Use B7469</b> when materials are inactive (plastics or passivated metals) or where temperature is under 15C.				

**CATEGORY 24.4** 



# THREAD SEALANTS

CODE No.	DESCRIPTION	SIZE	FEATURES	EAC			
24-B7649-100	PRIMER, HEPTANE BASED	100ml	B7469 speeds Cure of all Anaerobic fluids and pastes and extends cure through volume. B7469 helps fixture time and reduces ultimate cure time. Use B7469 when materials are inactive (plastics or passivated metals) or where temperature is under 15C.				
24-B770C-20	POLYOLEFIN PRIMER	20ml	B770 Polyolefin Primer has been developed for surface treatment of polyolefins, PTFE and silicones prior to bonding with Cyanoacrylate adhesives.				
24-B771-500	NICKEL ANTI SEIZE	500ml	This brushable Nickel Anti-Seize Provides a shield against high temperature and galling.				
24-B772-500	COPPER ANTI SEIZE	500ml	This brushable Copper Anti-Seize Provides a shield against high temperature and galling.				
24-B773-500	SILVER ANTI SEIZE	500ml	This brushable Silver Anti-Seize Provides a shield against high temperature and galling.				
24-B7765-400	PTFE DRY FILM	400ml	Multi purpose, food grade PTFE dry film <b>Aerosol</b> for light lubrication.  Non-toxic PTFE dry film for use as a dry anti-stick film or light  Lubrication of links, pins, chutes, slides etc. operating in food/clean environments.  Temperature range: -200C to 270C				
24-B7769-400	BRAKE & CLUTCH CLEANER	400ml	Aerosol Brake & Clutch Cleaner. Loosens dirt from brake & clutch mechanisms.				
24-B7775-400	COPPER ANTI- SEIZE	400ml	Aerosol Copper Anti-seize. General Purpose High Temp Lubricant.				
24-B7777-400	PENETRATING OIL	400ml	<b>Aerosol</b> Multi-purpose penetrating oil designed to efficiently and rapidly free and loosen seized nuts, bolts, and hinges, etc. It has excellent de-watering properties to help engine starting when damp and it also has anti-corrosive properties and general lubrication uses.				
24-B7778-400	CUT & TAP	400ml	Aerosol Cut & Tap is a blend of oils which sprays to give a frothy, oily, relatively clear liquid. It may be used in all cutting tools and provides improved surface finish, reducing heat and friction. It contains additives which prevent pitting, galling and metal seizures.  It can be used on all metals including stainless steel and titanium.				
24-B7779-400	FOOD SAFE LUBE	400ml	Straw Coloured Food Safe Lubricant Aerosol, used in the Food & Beverage Industry.				
24-B7780-400	FOOD SAFE GREASE	400ml	Light Coloured Foamy Food Safe Grease <b>Aerosol</b> , as used in the Food & Beverage Industry.				
24-B7782-400	GASKET REMOVER	400ml	B7782 is a highly active gel <b>Aerosol</b> paint stripper developed for fast, clean, efficient paint and varnish removal from wood, metal, GRP, ceramic and many other surfaces. It can also be used as a gasket and carbon deposit remover in the automotive industry.				
24-BF1-BC400	BARRIER CREAM	400ml	A smooth white odourless lotion which protects the skin against wet or dry contaminants. Protects in three ways, by providing a barrier against a wide range of harmful substances, by reducing the effects of abrasion and by re-fatting and nourishing the skin.				
24-BGM-500		500ml					
24-BGM-4	CITRIS HAND CLEANER with PUMICE	4L	Bondloc (Greasemonkey) BGM Hand Cleaner quickly removes a wide variety of soils and stains, grease, printing ink, carbon, adhesives, paint, tar, gasket cement, shellac and				
24-BGM-10		10L	more. Colour : White				
24-BPVCPC	PVC PIPE CEMENT	500ml	Bondloc PVC Pipe Cement has been reformulated as a faster curing and stronger adhesive for PVC pipes and conduits.				
24-BRTVB-80	RTV BLUE FOOD SAFE	80ml	<b>BRTV Blue</b> is an easily applied, one part Acetoxy Silicone Sealant. This new sealant is possibly the only Blue Food Safe sealant currently available and is the ideal solution to				
24-BRTVB-310	SILICONE SEALANT	310ml	numerous applications in the Food Production Environment. It is also mould resistant and has excellent adhesion to a variety of non-porous substrates such as glass and ceramics.				
24-BRTVBK-80	RTV BLACK	80ml	BRTV Black is a single component, high modulus, acetoxy curing silicone sealant/ adhesive that vulcanises at room temperature to provide a permanently flexible seal and head. Suitable for cooling most materials				
24-BRTVBK-310	SILICONE SEALANT	310ml	bond. Suitable for sealing most materials Service temperature range: -40°C to +250°C				

NOTE: The 'C' in a part number indicates that the product is supplied in clam shell style blister pack.



## THREAD SEALANTS

**IFS** 

CODE No.	DESCRIPTION	SIZE	FEATURES	EACH
24-BRTVC-80	RTV CLEAR	80ml	BRTV Clear is a single component, high modulus, acetoxy curing silicone sealant/adhesive that vulcanises at room temperature to	
24-BRTVC-310	SILICONE SEALANT	310ml	provide a permanently flexible seal and bond. Suitable for sealing most materials.  Service temperature range: -40°C to +250°C	
24-BRTVNC-310	RTV CLEAR NEUTRAL CURE SILICONE SEALANT	310ml	BRTVNC Clear is a single component, low modulus, oxime curing silicone sealant/adhesive. It can be used on all glazing and industrial work along with common building and construction joints. BRTVNC can be used on a wide variety of substrates including metal, wood, painted metals, glass, PVC, Polycarbonate, Polyacrylate and many others.  Service temperature range: -60°C - +180°C.	
24-BRTVW-80	RTV WHITE	80ml	BRTV Clear is a single component, high modulus, acetoxy curing silicone sealant/adhesive that vulcanises at room temperature to	
24-BRTVW-310	SILICONE SEALANT	310ml	provide a permanently flexible seal and bond. Suitable for sealing most materials. Service temperature range: -40°C to +250°C.	
24-BWRK	WINDSCREEN REPAIR KIT	2ml	This resin will flow into the smallest of cracks without the need to drill a hole rendering repair virtually invisible.	

# **BONDLOC MRO Mini-Mate KIT**

CODE No.	DESCRIPTION	EACH
24-BMMK	Mini-Mate KIT	



#### Kit contains one of each:

B243 Nutlock 10ml, B270 Studlock 10ml B2001 Metal Epoxy Stick 50g, B3294 Plastic Welder 28ml B401 Instant Adhesive 20g, B542 Hydraulic Seal 10ml B567 S/S Pipeseal 50ml, B574 Instant Gasket 50ml B577 Pipeseal 50ml, B603 Oil Tolerant Retainer 10ml B641 Bearing Fit 10ml, RTV 1 Acetoxy Silicone 80ml



# **BONDLOC DISPLAY STANDS**

CODE No.	DESCRIPTION	EACH
24-BM8	8 PRODUCT WALL/COUNTER DISPLAY Holds 8 Bondloc products. Size 550mm wide x 950mm high.	
24-BM16	16 PRODUCT FLOOR DISPLAY Holds 16 Bondloc products.	
24-BMRH	HOOKS TO SUIT DISPLAYS	

These are bare stands. Just add the product you require.

PLEASE CONTACT YOUR SALES REPRESENTATIVE TO CONFIRM YOUR PRICING ON THESE STANDS.

**Bondloc UK Ltd** is committed to providing its customers with the best products possible through Total Quality ISO9001 Management in every aspect of its operations.

More Information if required, can be found on BONDLOC's website. http://www.bondloc.co.uk

**CATEGORY 24.6** 

# THREAD SEALANTS



B567 is an easy break sealant and locking action product that gives an instant seal to low pressures. Fast fixture times are found on a range of materials such as copper, mild steel and other metals. Cold temperatures will slow the cure but not the instant seal.

BONDLOC 567C Teflon S/Steel Pipe Seal

CODE No.	DESCRIPTION	EACH
24-B567C-65	65ml TUBE	
24-B567-250	250ml TUBE	

B567 is lubricated with active teflon particles smoothing assembly and increasing sealing tightness, preventing escape of gas or other mediums. The locking action gives the parts vibration proof qualities and withstands changes in temperature and pressures. -50 to +150c



# BONDLOG FORMULAS THAT WORK

B577 Pipeseal is a high viscosity thixotropic gel paste which cures rapidly, sealing instantly to 10 bar through its Anaerobic cure system in contact with metals in the absence of air (oxygen). When fully cured it resists pressure up to 350 bar.

B577 is not suitable for oxygen systems.

#### BONDLOC 577 Teflon Pipe Seal

CODE No.	DESCRIPTION	EACH
24-B577C-50	50ml TUBE	
24-B577C-100	100ml TUBE	
24-B577-250	250ml TUBE	

Typical applications are in sealing of all types of threaded connections against water, oil, gases and most common materials conveyed by pipes. B577 is **AGA approved** with approval No 7714.

Fast Cure to fixture usually <15 minutes @ 20°C. Temperature range: -50°C to +150°C.



# **BONDLOC ENGINEERS KIT**

CODE No.	DESCRIPTION	EACH
24-BEK	ENGINEERS KIT	



A reinforced plastic case with expanded polystyrene interior, containing a range of Bondloc adhesives and sealant products which have been proven to be the most frequently used by engineers across a broad spectrum of industries. Kit contains:

B222 Screwlock 50ml (1)

B243 Nutlock 50ml (1)

B270 Studlock 50ml (1)

B574 Instant Gasket 50ml (1)

B577 Pipeseal Teflon 50ml (1)

B641 Bearing Fit 50ml (1)

B660 Metal Paste 50ml (1)

B401 Instant Adhesive 20gm (1)

B406 Instant Adhesive 20gm (1)

B2001 Metal Epoxy Stick 114gm (1)

B2003 Plastic Epoxy Stick 114gm (1)

B2060C 60 Second Epoxy 28ml (1)

B5299 High Temp Gasket 220ml (1)

B454 Gel Adhesive 20gm (1)

B603 Retainer 50ml (1)

# **SLIC-TITE** PASTE WITH TEFLON

NOT FOR USE WITH OXYGEN

SEALS TO 10,000PSI WITH LIQUIDS

AGA APPROVED TO 1050KPA: APPROVAL No.2672

Working Temperature: -15°C to 260°C

CODE No.	DESCRIPTION	EACH	
24-LACO236	239ml CAN		



**PLUS 10% GST** 

**CATEGORY 24.7** 

# **AIR TOOL OIL**

**IFS** 

#### **Pneumatic Air Tool Oil**

CODE No.	DESCRIPTION	EACH
24-ATO250	250ml Bottle	
24-ATO1000	1lt Bulk Bottle	

Suitable for oiling/lubrication of air tools.

Viscosity: 32 @ 40°C

Quality, mineral based oils for air tool specific application





# **PRESSURE GAUGES**

# 40mm, 50mm & 63mm PRESSURE GAUGES



50 & 40mm Bottom Entry.



50 & 40mm Rear Entry.



Front Flange Mount available for 50mm & 63mm Rear Entry Gauges.



63mm Bottom Entry available in both dry & liquid filled.





63mm Rear Entry available in both dry & liquid filled.



Protective Boots are available for 63mm Liquid Filled Gauges only.



100mm Bottom Entry available in both dry & liquid filled.

NOTE: 63 mm Liquid Filled Gauges are only available in Stainless Steel Case. 40mm, 50mm & 63mm Dry Gauges are available in Black Steel or Stainless Steel. Please consult pricing pages 25.2 & 25.3 for the gauge type you require.

Please note: Our gauges are designed for general purpose applications; they are not instrumentation quality gauges suitable for critical measurement. If you require gauges with certification for accuracy or for high end application please contact our sales office as we are able to source these based on your specific needs.

**CATEGORY 25.1** 

# **PRESSURE GAUGES**

**IFS** 

#### **QUICK REFERENCE TABLE FOR GAUGES**

			GENERAL EQUIPMENT GAUGES						LI	QUID FILI	LED GAI	JGES
R	=()				1	T	1	1	Suffi	x 'SS' Denote	s Full Stain	less Steel
_	=\ =[]	В	R	В	R	В	R	В	R	В	R	R
R	= [_•	1/8 BSP	1/8,1/4 BSP	1/8,1/4 BSP	1/8,1/4 BSP	1/4 BSP	1/4 BSP	3/8 BSP	1/8,1/4 BSP	1/4 BSP	1/4 BSP	3/8 BSP
DIA	(mm)	40	40	50	50	63	63	100	50	63	63	100
	-100		25-1060	25-1086		25-1251		25-1800		25-1385	25-1505	
	100			25-1088	25-1200	25-1253				25-1390	25-1510	
	200											
	250	25-1035	25-1062	25-1108	25-1205 25-12052	25-1260	25-1356	25-1810		25-1395	25-1515	
	400	25-1040	25-1065	25-1115	25-1216	25-1273		25-1815		25-1400		
	600					25-1274				25-1405	25-1525	
	800			25-1126 25-11261	25-1225	25-1275		25-1820		25-1410 <b>SS</b> 25-1410	25-1530	25-RE100SC800
K	1000	25-1052	25-1075 25-1078	25-1130	25-1230 25-1235	25-1277	25-1358	25-1825	25-1235LF	25-1415 <b>SS</b> 25-1415	25-1535	25-RE100SC1000
P	1600			25-1135	25-1240 25-1244	25-1281	25-1359	25-1830	25-1240LF 25-1244LF	25-1420 <b>SS</b> 25-1420	25-1540	25-RE100SC1600
A	2500			25-1139		25-1285		25-1835		25-1425 <b>SS</b> 25-1425	25-1545	25-RE100SC2500
	4000			25-1170	25-1247	25-1315	25-1360	25-1840		25-1430 <b>SS</b> 25-1430	25-1550	25-RE100SC4000
	6000					25-1320	25-1362				25-1555	
	8000			25-1180						25-1435	25-1560	
	10,000									25-1440		
	16,000			25-1190						25-1445	25-1565	
	20,000											
	25,000			25-1195						25-1452	25-1575	
	40,000									25-1458	25-1593	
M	ANEL OUNT ACKETS		25-1085		25-1245						25-1595	

All the gauges in the above table are **BOURDON TUBE** gauges,as per the diagram to the right. The **LIQUID FILLED GAUGES** are ideally suited where excessive vibration is encountered. The liquid minimises this effect, protects the gauge internals and provides continuous lubrication of the mechanism. Liquid filled gauges **MUST** be vented upon installation to ensure accuracy and to avoid a build up of pressure which may occur if the gauge leaks internally.

<u>PLEASE NOTE</u>; These gauges should never be used past 2/3 of their maximum readout as this will cause the Bourdon tube to stretch and the gauge will read incorrectly or fail.

## **CATEGORY 25.2**

**EACH** 

**IFS** 

# **PRESSURE GAUGES**

#### **40mm BOTTOM ENTRY**

<b>CODE No</b>	DESCRIPTION	EACH
25-1035	250kpa/36psi S/Steel case 1/8 BSP	
25-1040	400kpa/60psi S/Steel case 1/8 BSP	
25-1052	1000kpa/145psi S/Steel case 1/8 BSP	

#### **40mm REAR ENTRY**

<b>CODE No</b>	DESCRIPTION
25-1060	-100kpa Vacuum S/Steel case 1/8 BSF
25-1062	250kpa/36psi S/Steel case 1/8 BSP
25-1065	400kpa/60psi S/Steel case 1/8 BSP
25-1075	1000kpa/145psi S/Steel case 1/8 BSP
25-1078	1000kpa/145psi S/Steel case 1/4 BSP
25-1085	40mm Panel Mount Kit

#### **50mm BOTTOM ENTRY**

<b>CODE No</b>	DESCRIPTION	EAC
25-1086	-100kpa Vacuum S/Steel case 1/4 BSP	
25-1088	100kpa/15psi S/Steel case 1/4 BSP	
25-1108	250kpa/36psi S/Steel case 1/4 BSP	
25-1115	400kpa/60psi S/Steel case 1/4 BSP	
25-1126	800kpa/115psi Black Steel case 1/8 BSP	
25-11261	800kpa/115psi Black Steel case 1/4 BSP	
25-11263	800kpa/115psi S/Steel case 1/4 BSP	
25-1130	1000kpa/145psi Black Steel case 1/4 BSP	
25-11301	1000kpa/145psi S/Steel case 1/4 BSP	
25-1135	1600kpa/230psi S/Steel case 1/4 BSP	
25-11352	1600kps/230psi Black Steel case 1/4 BSP	
25-1139	2500kpa/360psi S/Steel case 1/4 BSP	
25-1170	4000kpa/600psi S/Steel case 1/4BSP	
25-1180	8000kpa/1150psi S/Steel Safety case 1/4BSP	
25-1190	16,000kpa S/Steel Safety case 1/4 BSP	
25-1195	25,000kpa Black Safety case 1/4 BSP	

#### **50mm REAR ENTRY**

CODE No	DESCRIPTION	EACH
25-1205	250kpa/36psi S/Steel case 1/8 BSP	
25-1200	100kpa/ 15psi S/Steel case 1/4 BSP	
25-12052	250kpa/36psi S/Steel case 1/4 BSP	
25-1216	400kpa/60psi S/Steel case 1/8 BSP	
25-1225	800kpa/115psi S/Steel case 1/4 BSP	
25-1230	1000kpa/145psi S/Steel case 1/8 BSP	
25-12311	1000kpa/145psi Black Steel case 1/8 BSP	
25-1235	1000kpa/145psi S/Steel case 1/4 BSP	
25-1240	1600kpa/230psi S/Steel case 1/8 BSP	
25-12402	1600kpa/230psi Black/Steel case 1/4 BSP	
25-1244	1600kpa/230psi S/Steel case 1/4 BSP	
25-1247	4000kpa/600psi S/Steel case 1/8 BSP	
25-1245	50mm Panel Mount Kit	
25-12452	50mm Front Flange	
	-	

## **50mm REAR ENTRY LIQUID FILLED**

CODE No.	DESCRIPTION	EACH
25-1235LF	1000kpa/145psi 1/4 S/S Case Liquid filled	
25-1240LF	1600kpa/230psi 1/8 S/S Case Liquid filled	
25-1244LF	1600kpa/230psi 1/4 S/S Case Liquid filled	

## **50mm SWIMMING POOL FILTER GAUGES**

CODE MA	DESCUILIIN
25-1110	250kpa Filter Clean 1/4 BSP Bottom Entry
25-1212	250kpa Filter Clean 1/4 BSP Rear Entry

#### **63mm BOTTOM ENTRY**

CODE No.	DESCRIPTION	EACH
25-1251	-100kpa Vacuum S/Steel case 1/4 BSP	
25-1253	100kpa/15psi S/Steel case 1/4 BSP	
25-1260	250kpa/36psi S/Steel case 1/4 BSP	
25-1273	400kpa/55psi S/Steel case 1/4 BSP	
25-1274	600kpa/85psi S/Steel case 1/4 BSP	
25-1275	800kpa/115psi S/Steel case 1/4 BSP	
25-1277	1000kpa/145psi S/Steel case 1/4 BSP	
25-1281	1600kpa/230psi S/Steel case 1/4 BSP	
25-1285	2500kpa/360psi S/Steel case 1/4 BSP	
25-1315	4000kpa/580psi S/Steel case 1/4 BSP	
25-1320	6000kpa/870psi S/Steel case 1/4 BSP	
	NOTE: Rubber Gauge Protectors for 63mm	

NOTE: Rubber Gauge Protectors for 63mm gauges are shown on Category Page 25.3

#### **63mm REAR ENTRY**

CODE No.	DESCRIPTION	EACI
25-1356	250kpa/36psi S/Steel case 1/4 BSP	
25-1358	1000kpa/145psi S/Steel case 1/4 BSP	
25-1359	1600kpa/230psi S/Steel case 1/4 BSP	
25-1360	4000kpa/580psi Black Steel case 1/4 BSP	
25-1362	6000kpa/870psi Black Steel case 1/4 BSP	

NOTE: Rubber Gauge Protectors for 63mm gauges are shown on Category Page 25.3

#### **100mm BOTTOM ENTRY**

CODE No.	DESCRIPTION	EACH
25-1800	-100kpa Vacuum S/Steel case 3/8 BSP	
25-1810	250kpa S/Steel case 3/8 BSP	
25-1815	400kpa S/Steel case 3/8 BSP	
25-1820	800kpa S/Steel case 3/8 BSP	
25-1825	1000kpa S/Steel case 3/8 BSP	
25-1830	1600kpa S/Steel case 3/8 BSP	
25-1835	2500kpa S/Steel case 3/8 BSP	
25-1840	4000kpa S/Steel case 3/8 BSP	

#### **100mm BACK FLANGE BOTTOM ENTRY**

CODE No.	DESCRIPTION	EACH
25-1956	800kpa Black Steel case 3/8 BSP	
25-1960	1600kpa Black Steel case 3/8 BSP	
25-1965	2500kpa Black Steel case 3/8 BSP	

Standard Dry gauges have Glass faces Liquid Filled Gauges have Polycarbonate faces Full Stainless Steel (FSS codes) have Safety Glass faces

#### **SPECIAL GAUGES**

Can't find the gauge your looking for?

Ask our sales office to quote you on that special gauge you require.

**PLUS 10% GST** 

**CATEGORY 25.3** 

EACH

# **PRESSURE GAUGES**

**IFS** 

## **LIQUID FILLED PRESSURE GAUGES**

Liquid filled gauges are not suitable where oxidising agents such as Oxygen, Chlorine, Nitric Acid and Hydrogen Peroxide are being used

	63mm BOTTOM ENTRY	
CODE No	DESCRIPTION	EACH
25-1380*	-100kpa/+100kpa Compound S/Steel case 1/4 BSP	
25-1385	-100kpa Vacuum S/Steel case 1/4 BSP	
25-1390	100kpa/15psi S/Steel case 1/4 BSP	
25-1395	250kpa/36psi S/Steel case 1/4 BSP	
25-1400	400kpa/60psi S/Steel case 1/4 BSP	
25-1405	600kpa/85psi S/Steel case 1/4 BSP	
25-1407	700kpa/100psi S/Steel case 1/4 BSP	
25-1410	800kpa/115psi S/Steel case 1/4 BSP	
25-1415	1000kpa/145psi S/Steel case 1/4 BSP	
25-1416	1100kpa/160psi S/Steel case 1/4 BSP	
25-1417	1400kpa/200psi S/Steel case 1/4 BSP	
25-1420	1600kpa/230psi S/Steel case 1/4 BSP	
25-1425	2500kpa/360psi S/Steel case 1/4 BSP	
25-1430	4000kpa/600psi S/Steel case 1/4BSP	
25-14325	6000kpa/820psi S/Steel case 1/4 BSP	
25-1435	8000kpa/1150psi S/Steel case 1/4BSP	
25-1440	10,000kpa/1500psi S/Steel case 1/4BSP	
25-1445	16,000kpa/2320psi S/Steel case 1/4 BSP	
25-1450 *	20,700kpa/3000psi S/Steel case 1/4 BSP	
25-1452	25,000kpa/3600psi S/Steel case 1/4 BSP	
25-1458	40,000kpa/5800psi S/Steel case 1/4 BSP	
25-1460	60000kpa/8700psi S/Steel case 1/4 BSP	
* Denotes le	ow volume item, may not be stocked	

	•	
	100mm BOTTOM ENTRY	
<b>CODE No</b>	DESCRIPTION	EACH
25-1854	400kpa/60psi S/Steel case 3/8 BSP	
25-1856	800kpa/115psi S/Steel case 3/8 BSP	
25-1857	1000kpa/145psi S/Steel case 3/8 BSP	
25-1858	1600kpa/230psi S/Steel case 3/8 BSP	
25-1859	2500kpa/360psi S/Steel case 3/8 BSP	
25-1860	4000kpa/600psi S/Steel case 3/8 BSP	
25-1861	6000kpa/820psi S/Steel case 3/8 BSP	
25-1862	8000kpa/1150psi S/Steel case 3/8 BSP	
25-1863	10,000kpa/1500psi S/Steel case 3/8 BSP	
25-1864	16,000kpa/2320psi S/Steel case 3/8 BSP	
25-1865	25,000kpa/3600psi S/Steel case 3/8 BSP	
25-1866	40,000kpa/5800psi S/Steel case 3/8 BSP	

IUUIIIIII IILAII LIIIIIII	<b>100mm</b>	REAR	<b>ENTRY</b>
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CUDE NO	DE2CKIP110N
25-RE100SC800	800kpa/115psi S/S Case 3/8 BSF
25-RE100SC1000	1000kpa/145psi S/S Case 3/8 BS
25-RE100SC1600	1600kpa/230psi S/S Case 3/8 BS
25-RE100SC2500	2500kpa/360psi S/S Case 3/8 BS
25-RE100SC4000	4000kpa/600psi S/S Case 3/8 BS

## **63mm BOTTOM ENTRY FULL STAINLESS**

CODE No	DESCRIPTION	EACH
25-1410FSS	800kpa/115psi FULL S/S 1/4 BSP	
25-1415FSS	1000kpa/145psi FULL S/S 1/4 BSP	
25-1420FSS	1600kpa/230psi FULL S/S 1/4 BSP	
25-1425FSS	2500kpa/360psi FULL S/S 1/4 BSP	
25-1430FSS	4000kpa/600psi FULL S/S 1/4 BSP	

#### **63mm REAR ENTRY**

OODE No	DECODIDATION	FAOU
CODE No	DESCRIPTION	EAUN
25-1505	-100kpa Vacuum S/Steel case 1/4 BSP	
25-1510	100kpa/15psi S/Steel case 1/4 BSP	
25-1515	250kpa/36psi S/Steel case 1/4 BSP	
25-1520	400kpa/60psi S/Steel case 1/4 BSP	
25-1525	600kpa/85psi S/Steel case 1/4 BSP	
25-1530	800kpa/115psi S/Steel case 1/4 BSP	
25-1535	1000kpa/145psi S/Steel case 1/4 BSP	
25-1540	1600kpa/230psi S/Steel case 1/4 BSP	
25-1545	2500kpa/360psi S/Steel case 1/4 BSP	
25-1550	4000kpa/600psi S/Steel case 1/4BSP	
25-1555	6000kpa/850psi S/Steel case 1/4BSP	
25-1560	8000kpa/1150psi S/Steel case 1/4BSP	
25-1565	16,000kpa/2320psi S/Steel case 1/4 BSP	
25-1570	25,000kpa/3600psi S/Steel case 1/4 BSP	
25-1593	40,000kpa/5800psi S/Steel case 1/4 BSP	
25-15952	63mm Front Flange	

## **63mm Rubber Gauge Protectors**





Bottom Entry Rear Entry

	•	
CODE No	DESCRIPTION	EACH
25-GPBE63	For 63mm Bot/Entry Rubber Gauges	
25-GPRE63	For 63mm Rear/Entry Rubber Gauges	

**Please Note:** Liquid filled gauges must be vented (after installation). This is to prevent build-up of pressure if the gauge leaks internally.

**EACH** 

**Temp:** Recommended = 65°C Max = 80°C. **Case:** S/Steel cases are 304 S/S

#### **GAUGE SNUBBERS**



Gauge snubbers are used to minimize effects from pulsation and surges. The snubber helps keep accurate data flowing by dampening pulsation and surges which improves the reading accuracy of the gauge and also increases gauge life by reducing wear. They are suitable for use on a variety of applications such as reciprocating pumps, compressors, hydraulic presses o fluid power systems. Snubbers are available in a variety of materials depending on the medium they are to be used with.

Please contact our sales office for pricing and availability.

**CATEGORY 25.4** 





#### **HAND CLEANERS**

#### PROTECTA PINK

Heavy Duty Industrial Hand Cleaner.



Fast working waterless hand cleaner which rapidly penetrates and dissolves skin contaminants such as grease, oil, printer's ink, paint and most industrial soils.

#### PROTECTA GRIT

Extra Heavy Duty Industrial Hand Cleaner.



Fomulated for more efficient and speedy removal of ingrained contaminants such as tar, grease, carbon, varnish and paint.

CODE No.	SIZE	EACH	CODE No.	SIZE	EACH
26-IHPP500	500ml Squeeze		26-IHPG500	500ml Squeeze Pack	
	Pack		26-IHPG4	4kg Drum	
26-IHPP4	4kg Drum		26-IHPG20	20kg Drum	

Wall dispensers available for 4kg Drums, please contact our sales office for pricing and availability

#### **CITRA SCRUB**

26-IHPP20

Non Solvent Hand Cleaner.



A waterless hand cleaner based on biodegradable natural extracts. Citra Scrub contains extracts obtained from citrus fruits and pine trees and contains no petroleum solvents

## ORANGE SCRUB

Heavy Duty Non Solvent Hand Cleaner.



Heavy duty biodegradable non petroleum solvent citrus hand cleaner incorporating fine pumice abrasives which remove contaminants such as grease, oil, paint and most industrial

CODE No.	SIZE	EACH
26-IHCS500	500ml Squeeze pack	
26-IHCS4	4kg Drum	
26-IHCS20	20kg Drum	

20kg Drum

Wall dispensers available for 4kg Drums, please contact our sales office for pricing and availability

CODE No.	SIZE	EACH
26-IHOS500	500ml Squeeze pack	
26-IHOS5 5lt Pump Pa		
26-IHOS20 20lt Drum		

## **HAND PUMPS**

#### PLASTIC PUMPS

CODE No.	SIZE	EACH
26-PP4KG	4kg	
26-PP5LT	5lt	
26-PP20KG	20kg	



#### METAL PUMPS

CODE No.	SIZE	EACH
26-MP4KG	4kg	
26-MP20KG	20kg	



**PLUS 10% GST** 

**CATEGORY 26** 



**ATTENTION: SALES/PURCHASING** 

# THE MOST POPULAR FILTER/REGULATOR SOLD ON SPECIAL PERMANENTLY

PART NUMBER: AW3000-02BG

**SPECIFICATIONS** 

1/4 BSP PORTS

MANUAL DRAIN

COMES COMPLETE WITH BRACKET AND GAUGE



# LIST PRICE \$

QTY BUYS APPLY. CONTACT YOUR REP. OR OUR OFFICE FOR PRICING

**CATEGORY 27.1** 

# SNC AIR PREPARATION EQUIPMENT

#### **FILTER REGULATOR**

MODEL	AW1000	AW2000	AW3000	AW4000	AW4000-06	
Port Size	M5 x 0.8	M5 x 0.8 1/8 • 1/4		1/4 • 3/8 • 1/2	3/4	
Max. Supply Pressure KPA/PSI			1470KPA — 210PSI			
Max. Operating Pressure KPA/PSI	SI 970KPA — 140PSI					
Regulating Range KPA/PSI	49kpa/7psi- 680kpa/100psi		49KPA/7PSI —	830KPA/120PSI		
Port Size for Pressure Gauge	1/16	1/8	1/8	1/4	1/4	
Ambient and Media Temperature	5°C to 60°C					
Filtration	S	Standard 5 microns. Options 2, 10, 20, 40, 70, 100 Microns				



#### **CODE No. DESCRIPTION** AW1000-M5 10 Series M5 Port Mini Filter/Reg AW2000-01 20 Series 1/8 BSP Filter/Reg AW2000-01D 20 Series 1/8 BSP Filter/Reg c/w Auto Drain 20 Series 1/4 BSP Filter/Reg AW2000-02 20 Series 1/4 BSP Filter/Reg c/w Auto Drain AW2000-02D AW3000-02 30 Series 1/4 BSP Filter/Reg AW3000-02D 30 Series 1/4 BSP Filter/Reg c/w Auto Drain 30 Series 3/8 BSP Filter/Reg AW3000-03 30 Series 3/8 BSP Filter/Reg c/w Auto Drain AW3000-03D AW4000-04 40 Series 1/2 BSP Filter/Reg 40 Series 1/2 BSP Filter/Reg c/w Auto Drain AW4000-04D AW4000-06 40 Series 3/4 BSP Filter/Reg AW4000-06D 40 Series 3/4 BSP Filter/Reg c/w Auto Drain



NOTE: BRACKET OR GAUGE NOT INCLUDED IN PRICE

#### **AIR FILTERS**

MODEL	AF1000	AF2000	AF3000	AF4000	AF4000-06	AF5000	AF6000
Port Size	M5 x 0.8	1/8 • 1/4	1/4 • 3/8	1/4 • 3/8 • 1/2	3/4	3/4 • 1"	1"
Max. Supply Pressure KPA/PSI	1470KPA — 210PSI 970KPA — 140PSI						
Max. Operating Pressure KPA/PSI							
Ambient and Media Temperature		5°C to 60°C					
Filtration		Standar	d 5 microns. C	options 2, 10, 20,	40, 70, 100 Micro	ons	



CODE No.	DESCRIPTION
AF1000-M5	10 Series M5 Port Mini Filter
AF2000-01	20 Series 1/8 BSP Filter
AF2000-01D	20 Series 1/8 BSP Filter c/w Auto Drain
AF2000-02	20 Series 1/4 BSP Filter
AF2000-02D	20 Series 1/4 BSP Filter c/w Auto Drain
AF3000-02	30 Series 1/4 BSP Filter
AF3000-02D	30 Series 1/4 BSP Filter c/w Auto Drain
AF3000-03	30 Series 3/8 BSP Filter
AF3000-03D	30 Series 3/8 BSP Filter c/w Auto Drain
AF4000-04	40 Series 1/2 BSP Filter
AF4000-04D	40 Series 1/2 BSP Filter c/w Auto Drain
AF4000-06	40 Series 3/4 BSP Filter
AF4000-06D	40 Series 3/4 BSP Filter c/w Auto Drain
AF5000-06	50 Series 3/4 BSP Filter
AF5000-06D	50 Series 3/4 BSP Filter c/w Auto Drain
AF5000-10	50 Series 1" BSP Filter
AF5000-10D	50 Series 1" BSP Filter c/w Auto Drain
AF6000-10	60 Series 1" BSP Filter
AF6000-10D	60 Series 1" BSP Filter c/w Auto Drain

EACH

**EACH** 



NOTE: BRACKET NOT INCLUDED IN PRICE

**PLUS 10% GST** 

**CATEGORY 27.2** 



# **SYCAIR PREPARATION EQUIPMENT**

**IFS** 

## **LUBRICATORS**

MODEL	AL1000	AL2000	AL3000	AL4000	AL4000-06	AL5000	AL6000
Port Size	M5 x 0.8	1/8 • 1/4	1/4 • 3/8	1/4 • 3/8 • 1/2	3/4	3/4 • 1"	1"
Max. Supply Pressure KPA/PSI		1470KPA — 210PSI					
Max. Operating Pressure KPA/PSI		970KPA — 140PSI					
Ambient and Media Temperature		5°C to 60°C					



CODE No.	DESCRIPTION
AL1000-M5	10 Series M5 Mini Lubricator
AL2000-01	20 Series 1/8 BSP Lubricator
AL2000-02	20 Series 1/4 BSP Lubricator
AL3000-02	30 Series 1/4 BSP Lubricator
AL3000-03	30 Series 3/8 BSP Lubricator
AL4000-04	40 Series 1/2 BSP Lubricator
AL4000-06	40 Series 3/4 BSP Lubricator
AL5000-06	50 Series 3/4 BSP Lubricator
AL5000-10	50 Series 1" BSP Lubricator
AL6000-10	60 Series 1" BSP Lubricator

NOTE: BRACKET NOT INCLUDED IN PRICE

#### **REGULATORS**

MODEL	AR1000	AR2000	AR3000	AR4000	AR5000	AR6000	
Port Size	M5 x 0.8	1/8 • 1/4	1/4 • 3/8	1/2	3/4 • 1"	1"	·
Max. Supply Pressure KPA/PSI		1470KPA — 210PSI					
Max. Operating Pressure KPA/PSI		970KPA — 140PSI					
Regulating Range KPA/PSI	49kpa/7psi- 680kpa/100psi	1 1					
Port Size for Pressure Gauge	1/16	1/8	1/8	1/4	1/4	1/4	
Ambient and Media Temperature		5°C to 60°C					



ODE No.	DESCRIPTION
R1000-M5	10 Series M5 Mini Regulator
R2000-01	20 Series 1/8 BSP Regulator
R2000-02	20 Series 1/4 BSP Regulator
R3000-02	30 Series 1/4 BSP Regulator
R3000-03	30 Series 3/8 BSP Regulator
R4000-04	40 Series 1/2 BSP Regulator
R5000-06	50 Series 3/4 BSP Regulator
R5000-10	50 Series 1" BSP Regulator
R6000-10	60 Series 1" BSP Regulator

EACH

EACH



NOTE: BRACKET OR GAUGE NOT INCLUDED IN PRICE

#### **MOUNTING BRACKETS**

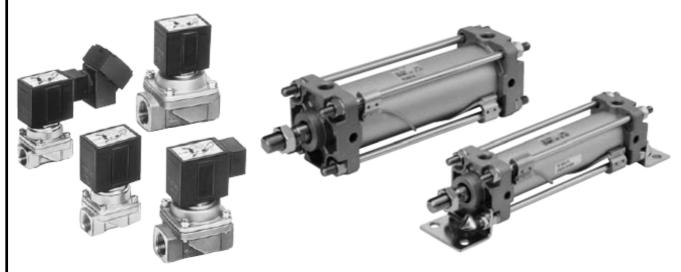
#### **SPEED CONTROLLERS**

<b>CODE NO.</b> B120 B220 B320 B320 B420	FITS MODEL  AR1000•AW1000  AR2000•AW2000  AR3000•AW3000  AR4000•AW4000 &	EACH	<b>CODE NO.</b> AS2201F-01-06S AS2201F-02-06S	<b>SIZE</b> 6mm x 1/8 bsp 6mm x 1/4 bsp	EACH	9
B240 B340 B340 B440 B540 B640	FITS MODEL AF2000•AL2000 AF3000•AL3000 AF4000•AL4000 AF4000-06•AL4000-06 AF5000•AL5000 & AF6000•AL6000	EACH	AS2201F-02-08S AS2201F-02-10S AS3201F-03-12S	8mm x 1/4 bsp 10mm x 1/4 bsp 12mm x 3/8 bsp		

**CATEGORY 27.3** 



We are Authorised Distributors for the SMC range. Combining SMC's market leading products & technical expertise with our coverage of the industrial market means your needs are covered. We carry an extensive range of fittings, filters, regulators, valves and many other products; so rest assured accessing the SMC range is a simple task. For more SMC products refer to Category 20 in our catalogue or contact our sales office.



### Items available

- Actuators
- Cylinders
- Valves
- Manifolds
- Sensors
- Filtration
- Regulators
- Quick Fit Airline Fittings
- Air Preparation



## **Applications**

- **Pneumatics**
- Flow Control
- Chemical processing
- Control System Solutions
- Vacuum and Robotic Automation

**PLUS 10% GST** 

**CATEGORY 27.4** 

# INDUSTRIAL AIR PREPARATION

EACH

**EACH** 

## **FILTER REGULATOR COMBINATION**

Auto drain automatically drains when system is depressurised. - can also be manually drained.





MODEL	IFR200-02	IFR300-02	IFR300-03	IFR400-04		
Port Size	1/4 BSP	1/4 BSP	3/8 BSP	1/2 BSP		
Max. Supply Pressure KPA/PSI	1482KPA = 215PSI					
Max. Operating Pressure KPA/PSI	896KPA = 130PSI					
Regulating Range KPA/PSI		138KPA/20PSI to 896KPA/130PSI				
Bowl Capacity	10cc	80cc				
Ambient and Media Temperature	-20°C to 70°C					
Filtration		Standard 5	microns.			

**CODE No. DESCRIPTION** EACH

IFR200-02 200 Series 1/4 BSP Filter / Regulator IFR300-02 300 Series 1/4 BSP Filter / Regulator IFR300-03 300 Series 3/8 BSP Filter / Regulator IFR400-04 400 Series 1/2 BSP Filter / Regulator

Integral gauge. Note: Mounting bracket and gauge are included in the price.

IFR300-IFR400

**AIR FILTERS** 

Auto drain automatically drains when system is depressurised. - can also be manually drained.



MODEL	IF200-02	IF300-02	IF300-03	IF400-04	
Port Size	1/4 BSP	1/4 BSP	3/8 BSP	1/2 BSP	
Max. Supply Pressure KPA/PSI	1482KPA = 215PSI				
Max. Operating Pressure KPA/PSI	896KPA = 130PSI				
Bowl Capacity	10cc	40cc	40cc	80cc	
Ambient and Media Temperature	-20°C to 70°C				
Filtration		Standard 5 micro	ons.		

**CODE No. DESCRIPTION** 200 Series 1/4 BSP Filter IF200-02 IF300-02 300 Series 1/4 BSP Filter IF300-03 300 Series 3/8 BSP Filter IF400-04 400 Series 1/2 BSP Filter

Note: Mounting bracket is included in the price.

## **AIR REGULATORS**



IR300-IR400

MODEL	IR200-02	IR300-02	IR300-03	IR400-04	
Port Size	1/4 BSP	1/4 BSP	3/8 BSP	1/2 BSP	
Max. Supply Pressure KPA/PSI	1482KPA = 215PSI				
Max. Operating Pressure KPA/PSI	896KPA = 130PSI				
Regulating Range KPA/PSI	48KPA/7PSI to 896KPA/130PSI				
Ambient and Media Temperature		-20°C to 70°C			



**CODE No.** IR200-02 IR300-02 IR300-03 IR400-04

**DESCRIPTION** 200 Series 1/4 BSP Regulator 300 Series 1/4 BSP Regulator 300 Series 3/8 BSP Regulator 400 Series 1/2 BSP Regulator

Note: Mounting bracket and gauge are included in the price.

CATEGORY 27.5

**PLUS GST** 

# INDUSTRIAL AIR PREPARATION



EACH

**EACH** 

## **AIR LUBRICATORS**



MODEL	IL200-02	IL300-02	IL300-03	IL400-04	
Port Size	1/4 BSP	1/4 BSP	3/8 BSP	1/2 BSP	
Max. Supply Pressure KPA/PSI	1482KPA = 215PSI				
Max. Operating Pressure KPA/PSI	896KPA = 130PSI				
Ambient and Media Temperature	-20°C to 70°C				
Bowl Capacity	25cc	75cc	75cc	160cc	

**CODE No.** IL200-02 IL300-02 IL300-03

IL400-04

DESCRIPTION 200 series 1/4 BSP Lubricator 300 series 1/4 BSP Lubricator 300 series 3/8 BSP Lubricator 400 series 1/2 BSP Lubricator

EACH

EACH All Lubricators are supplied with a

mounting bracket.

Lubricators can be refilled without shutting down the system.

Recommended Lubricant ISO GV 32 or equivalent

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1	7	1	2	
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### **MOUNTING BRACKETS**

## REPLACEMENT FILTER ELEMENT

**CODE No.** IFRMB200 IFRMB300

IFRMB400

DESCRIPTION 200 Series T Mount Bracket 300 Series T Mount Bracket 400 Series T Mount Bracket

**CODE No. DESCRIPTION** IFE200 200 Series Filter Element IFE300 300 Series Filter Element IFE400 400 Series Filter Element

## **LOCKOUT VALVES**



ILV300-02

#### DESCRIPTION

**EACH** 

1/4bsp inlet & outlet with 3/8bsp bottom exhaust ILV400-04 1/2bsp inlet & outlet with 1/2bsp bottom exhaust

These 3-way Lock Out Valves come complete with mounting bracket and pad lock. They are specifically designed for air system maintenance.

In the **unlocked** position, the air flows from left to right. In the **locked** position (for maintenance purposes), the air exhausts from the right hand side of the valve out of the bottom valve port, allowing for service of components downstream.

#### REPLACEMENT FILTER BOWLS

**CODE No.** IFRB200 IFRB300 IFRB400

**DESCRIPTION** 200 Series Filter Bowl 300 Series Filter Bowl 400 Series Filter Bowl

## **DROP LEG DRAIN**



By running a vertical pipe down, water will flow into the drop leg drain where the automatic drain will expel it.

A filter screen within the drop leg drain prevents particles interfering with the auto-drain operation.

A ball valve should be included above the drop leg drain to allow for maintenance when the system is running.

1/2 Fbsp Inlet for connecting to dropper.

3/8 Fbsp Outlet for drain piping.

**CODE No.** IDLD

DESCRIPTION 1/2" Inlet 3/8" Outlet Drop Leg Drain EACH

Most products come in Clam Shell Packaging for easy display.

**PLUS GST** 

CATEGORY 27.6

# **Clippard Minimatic**

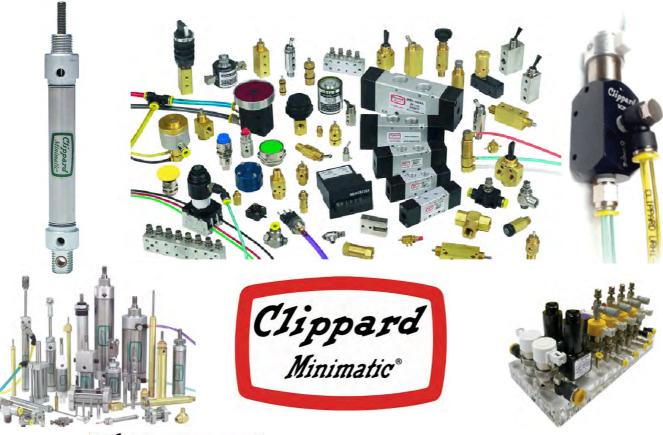
**IFS** 



We are proud to align ourselves with the Clippard Minimatic range of products. The Clippard range includes pneumatic valves & cylinders, modular components, push buttons, stainless steel cylinders, solenoid valves and pre-piped manifold sub-plates. Clippard products are used in a broad range of industries including industrial, food & beverage, packaging, medical equipment, animation, oil & gas and mining.

We carry a large range of Clippard products on the shelf and any items not in stock can normally be delivered within 2-3 days (subject to availability and transportation).

For a full list of products in the Clippard range; please visit www.clippard.com



More Clippard products are available upon request.

Please contact our Sales Office for further details and pricing.

**CATEGORY 27.7** 

# **Clippard Control Valves**



MJTV-3

CODE No.

MJTV-3-MG

EACH

65.03 (NPT) 72.86 (BSP) SPECIFICATIONS

Type: 3-way poppet valve toggle actuated, 2 position

Medium: Air

In pressure: 300 psi / 21 Bar max

Air Flow: @ 50psi - 14SCFM @ 100PSI - 25 SCFM

Temp Range: 0°C — 110°C

Ports: In and Out ports are 1/8 NPT or BSP

Exhaust: 1/8 NPT or BSP

Mounting: 15/32-32 male thread. Nuts and lockwashers supplied

#### SPECIFICATIONS

Type: 4-way spool valve toggle actuated 2 position, 3 ports Medium: Air only

In pressure: 150 psi max

Air Flow: @ 50psi - 6.5 SCFM @ 100PSI - 10.5 SCFM

Temp Range:  $0^{\circ}$ C —  $110^{\circ}$ C

Ports: In and Out ports are 1/8 NPT or BSP Exhaust: Atmosphere through body holes

Mounting: 15/32-32 male thread. Nuts and lockwashers supplied

#### MJTV-4

**CODE No.** 

EACH

MJTV-4 76.74 (NPT) MJTV-4-MG 86.81 (BSP)

#### SPECIFICATIONS

Type: 4-way spool valve toggle 2 position, 5 ports

Medium: Air

In pressure: 150 psi / 10 Bar max

Air Flow: @ 50psi - 6.5 SCFM @ 100PSI - 10.5 SCFM

Temp Range: 0°C — 110°C

Ports: In and Out ports are 1/8 NPT or BSP

Exhaust: 1/8 NPT or BSP

Mounting: 15/32-32 male thread. Nuts and lockwashers supplied



MJTV-5

CODE No.

EACH

MJTV-5 84.54 (NPT) MJTV-5-MG 94.57 (BSP)



TV-3

**CODE No.** 

**SPECIFICATIONS** 

EACH

TV-3S 39.34



TV-4

150 psi / 10 Bar max

CODE No.

TV-4DMP

TV-4DP

TV-4MP

114.96 116.89 116.89

**EACH** 

#### SPECIFICATIONS

Type: 3-way 2 position spool valve toggle Type: 4-way 3 position toggle valve

Medium: Air Medium:

In pressure: 150 psi / 10 Bar max In pressure:

Air Flow: @ 50psi - 4.5 SCFM @ 100PSI - 8.0 SCFM Air Flow: @ 50psi - 4.5 SCFM @ 100PSI - 7.5 SCFM

Temp Range:  $0^{\circ}\text{C} - 110^{\circ}\text{C}$  Temp Range:  $0^{\circ}\text{C} - 110^{\circ}\text{C}$  Ports: 10-32 (M5) Thread Ports: 1/8 NPT

Exhaust: Atmosphere through body holes Exhaust: Atmosphere through body holes

Mounting: 15/32-32 male thread. Nuts and lockwashers supplied Mounting: 5/8-32 male thread. Nuts and lockwashers supplied

## **PLUS 10% GST**

**CATEGORY 27.8** 



# **SEAMLESS 316 STAINLESS STEEL TUBE**

**IFS** 

The Pricing listed below is for small quantities, including cut lengths.

Minimum cut length is 1 metre.

If you require large quantities, please contact our sales office for a price.

If required in 6m lengths strapped to a board, there is a small charge for the timber.

In our experience, this is the safest way to transport 6mtr lengths to avoid damage by freight and courier companies.

CODE No	0.D	SWG—MM Wall Thickness	WORK PRE	SS@20°c psi	BURSTPRES kpa	SS@20°C psi	PER METRE
SST03-20	3/16	20swg-0.89mm	56516	8197	226064	32788	
SST04-20	1/4	20swg-0.89mm	37250	5405	149000	21620	
SST05-20	5/16	20swg-0.89mm	32143	4662	128572	18648	
SST06-20	3/8	20swg-0.89mm	24675	3580	98700	14320	
SST08-20	1/2	20swg-0.89mm	18450	2670	73800	10680	
SST12-18	3/4	18swg-1.20mm	16500	2390	66000	9560	
SST06-16	3/8	16swg-1.65mm	44815	6500	179260	26000	
SST08-16	1/2	16swg-1.65mm	33000	4780	132000	19120	
SST16-16	1"	16swg-1.65mm	16525	2390	66100	9560	

NOTE: Other sizes and wall thicknesses are available. Please contact our sales office for further pricing.

NB: Dimensions & pressures quoted are subject to variation and should be used as a guide only.

**CATEGORY 28** 

# **STAINLESS STEEL VALVES**

#### 1 PIECE STAINLESS STEEL BALL VALVE WITH LOCKABLE HANDLE

CODE No.	BSP	BORE Ø	WORKING PRESS.@20°	EACH
SB104	1/4	5mm	6900KPA 1000PSI	
SB106	3/8	7mm	6900KPA 1000PSI	
SB108	1/2	9mm	6900KPA 1000PSI	
SB112	3/4	12.5mm	6900KPA 1000PSI	
SB116	1"	16mm	6900KPA 1000PSI	
SB120	1-1/4	20mm	6900KPA 1000PSI	
SB124	1-1/2	24.5mm	5500KPA 750PSI	
SB132	2"	32mm	5500KPA 750PSI	



Body and Ball: 316 Stainless Steel

Seals: PTFE

Handle: 304 Stainless Steel

Temperature Range: -10°C to 180°C

#### 2 PIECE FULL BORE STAINLESS STEEL BALL VALVE WITH LOCKABLE HANDLE

CODE No.	BSP	BORE Ø	WORKING PRESS.@20°C	EACH
SB204	1/4	11mm	8400KPA 1200PSI	
SB206	3/8	13mm	8400KPA 1200PSI	
SB208	1/2	15mm	8400KPA 1200PSI	
SB212	3/4	20mm	8400KPA 1200PSI	
SB216	1"	25mm	8400KPA 1200PSI	
SB220	1-1/4	32mm	7000KPA 1000PSI	
SB224	1-1/2	39mm	7000KPA 1000PSI	
SB232	2"	50mm	6300KPA 900PSI	



Body and Ball: 316 Stainless Steel

Seals: PTFE

Handle: 304 Stainless Steel

Temperature Range: -10°C to 180°C

## **3 PIECE FULL BORE STAINLESS STEEL BALL VALVE WITH LOCKABLE HANDLE**

CODE No.	BSP	BORE Ø	WORKING PRESS.@20°C	EACH
SB304	1/4	11.6mm	8400KPA 1200PSI	
SB306	3/8	12.7mm	8400KPA 1200PSI	
SB308	1/2	15mm	8400KPA 1200PSI	
SB312	3/4	20mm	8400KPA 1200PSI	
SB316	1"	25mm	8400KPA 1200PSI	
SB320	1-1/4	32mm	7000KPA 1000PSI	
SB324	1-1/2	39mm	7000KPA 1000PSI	
SB332	2"	50mm	6300KPA 900PSI	
SB340	2-1/2	65mm	6300KPA 900PSI	
SB348	3"	80mm	6300KPA 900PSI	
SB364	4"	100mm	6300KPA 900PSI	



Body and Ball: 316 Stainless Steel

Seals: PTFE

Handle: 304 Stainless Steel

Temperature Range: -10°C to 180°C

PLEASE NOTE: ALL WORKING PRESSURES THROUGHOUT THIS CATALOGUE ARE CALCULATED AT 20°C UNLESS OTHERWISE SPECIFIED, AND SHOULD ONLY BE USED AS A GUIDE.

**PLUS 10% GST** 

**CATEGORY 29.1** 

# **STAINLESS STEEL VALVES**

**IFS** 

#### STAINLESS STEEL SWING CHECK VALVE



CODE No.	BSP	EACH
SCV08-SS	1/2	
SCV12-SS	3/4	
SCV16-SS	1"	
SCV20-SS	1-1/4	
SCV24-SS	1-1/2	
SCV32-SS	2"	

Body and Trim: 316 S/Steel Packing: PTFE Gaskets: PTFE

> 1379KPA/200PSI Working pressure at 180°C

#### **STAINLESS STEEL Y STRAINER**



CODE No.	BSP	EACH
Y08-SS	1/2	
Y12-SS	3/4	
Y16-SS	1"	
Y20-SS	1-1/4	
Y24-SS	1-1/2	
Y32-SS	2"	

Body and Trim: 316 S/Steel Packing: PTFE Gaskets: PTFE

5515KPA/800PSI Working pressure at 180°C

For information regarding mesh size, please contact our sales office.

#### **STAINLESS STEEL GATE VALVE**



CODE No.	BSP	EACH
GV08-SS	1/2	
GV12-SS	3/4	
GV16-SS	1"	
GV20-SS	1-1/4	
GV24-SS	1-1/2	
GV32-SS	2"	

Body and Trim: 316 S/Steel Packing: PTFE Gaskets: PTFE

> 1379KPA/200PSI Working pressure at 180°C

#### STAINLESS STEEL DEAD MAN/SPRING RETURN BALL VALVE



CODE No.	BSP	EACH
SSDM08	1/2	155.12
SSDM12	3/4	168.84
SSDM16	1"	198.31

These come as spring return to the normally closed position, but can be easily adjusted to spring return to normally open. Spring tension is adjustable via a shaft mounted adjusting nut to suit your requirements.

These are available in larger sizes up to 2" but not stocked. Please contact our sales office for pricing and availability on larger sizes.

MATERIALS LIST	
PART NAME ITEM	MATERIALS
HANDLE HEAD	CF8
ANCHOR	CF8M
ANCHOR SCREW	SS 316
SPRING ROD	SS 316
SPRING	SPRING STEEL
HANDLE EXTENSION	SS 304
HANDLE SLEEVE	PVC
WASHER	SS 304
HEX NUT	SS 304
SOCKET HEAD SCREW	SS 304

CATEGORY 29.2

# STAINLESS STEEL VALVES



#### STAINLESS STEEL SPRING LOADED CHECK VALVE

Stainless Steel F&F Spring Loaded Check Valve



CODE No.	BSP	EACH
SSCV04	1/4	
SSCV06	3/8	
SSCV08	1/2	
SSCV12	3/4	
SSCV16	1"	
SSCV20	1-1/4	
SSCV24	1-1/2	
SSCV32	2"	

Body: 316 S/Steel Stem: 304 S/Steel Seal: Teflon

1380KPA/200PSI Working pressure at -10 to 180°C

### **STAINLESS STEEL MINI BALL VALVE**

Stainless Steel F&F Mini Ball Valve



CODE No.	BSP	EACH
SSMB04	1/4	
SSMB06	3/8	
SSMB08	1/2	
SSMB12	3/4	

Body: 316 S/Steel Seals: PTFE Handle: Alloy

1000KPA/150PSI Working pressure at 100°C

## **STAINLESS STEEL NEEDLE VALVE**

Stainless Steel F&F Needle Valve



CODE No.	BSP	EACH
SSNV10404	1/4	
SSNV10406	3/8	
SSNV10408	1/2	
SSNV10412	3/4	
SSNV10416	1"	

Body: 316 S/Steel Packing: PTFE

41368KPA/6000PSI Working pressure at 100°C

## **STAINLESS STEEL 3-WAY BALL VALVE**

Stainless Steel Female 3-Way Ball Valve 'reduced bore'.



CODE No.	THREAD	EACH
SB04-L	1/4 BSP	
SB06-L	3/8 BSP	
SB08-L	1/2 BSP	
SB12-L	3/4 BSP	
SB16-L	1" BSP	
SB16N-L	1'' NPT	

Body: 316 S/Steel Packing: PTFE

6895KPA/1000PSI Working pressure at 150°C

**PLUS 10% GST** 

**CATEGORY 29.3** 

# **STAINLESS STEEL VALVES**

**IFS** 

#### FIRE SAFE BALL VALVE 3-PIECE 316SS FULL BORE

Certified to API 607 Working Pressure 2016PSI

Code No	NPT	EACH
SSFS04	1/4	136.85
SSFS06	3/8	136.85
SSFS08	1/2	152.00
SSFS12	3/4	209.99
SSFS16	1	273.64
SSFS20	1.1/4	395.12
SSFS24	1.1/2	501.76
SSFS32	2	952.94



#### DATA SHEETS AVAILABLE BY REQUEST FOR ALL ITEMS

#### STAINLESS STEEL GATE VALVE FLANGED - ANSI 150

Working Pressure 150PSI Working Temperature -29 to 425°C Suitable Media: Water, Steam, Oil



Code No	SIZE (In	nch mm)	EACH
SSGV050-150	2"	50mm	690.00
SSGV065-150	2.1/2"	65mm	910.00
SSGV080-150	3"	80mm	1108.00
SSGV100-150	4"	100mm	1530.00

#### 2-PIECE 316SS BALL VALVE FLANGED - ANSI 150

\* Also available with Table D Flanges by request

Code No	SIZE (In	nch mm)	EACH	
SSBV025-150	1"	25mm	165.00	
SSBV040-150	1.1/2"	32mm	290.00	
SSBV050-150	2"	50mm	393.50	
SSBV065-150	2.1/2"	65mm	550.00	
SSBV080-150	3"	80mm	850.00	
SSBV100-150	4"	100mm	1524.32	
SSBV150-150	6"	150mm	1995.00	
TABLE E *				
SSBV025-T/E	1"	25mm	165.00	
SSBV050-T/E	2"	50mm	393.50	
SSBV080-T/E	3"	80mm	754.46	
	ı		I	

# 316SS DUAL FLAP CHECK VALVE - WAFER

Working Pressure 230PSI Viton Seat



Code No	SIZE (I	nch mm)	EACH
SSDFWO50	2"	50mm	162.12
SSDFWO65	2.1/2"	65mm	210.00
SSDFWO80	3"	80mm	264.04
SSDFW100	4"	100mm	379.12
SSDFW150	6"	150mm	790.00
SSDFW200	8"	200mm	1368.08

#### STAINLESS STEEL GLOBE VALVE FLANGED - ANSI 150



Code No	SIZE (In	nch mm)	EACH
SSGLO15-150	1/2"	15mm	230.00
SSGLO20-150	3/4"	20mm	275.00
SSGLO25-150	1"	25mm	310.00
SSGLO40-150	1.1/2"	40mm	492.50
SSGLO50-150	2"	50mm	594.00
SSGLO80-150	3"	80mm	965.00

#### 316SS SWING CHECK VALVE - WAFER

Working Pressure 230PSI Working Temperature -25° to 180°C Viton O Rings



Code No	SIZE (Inch mm)		EACH
SSSCV040-150	1.1/2"	40mm	73.50
SSSCV050-150	2"	50mm	97.64
SSSCV065-150	2.1/2"	65mm	131.30
SSSCV080-150	3"	80mm	142.14
SSSCV100-150	4"	100mm	245.00

#### 316SS GLOBE VALVE BSP

Working Pressure: 200PSI Suitable Media: Water, Steam, Oil

BSP	EACH
1/2"	35.00
3/4"	41.00
1"	53.00
1.1/4"	95.00
1.1/2"	118.00
2"	150.00
	1/2" 3/4" 1" 1.1/4" 1.1/2"

#### 316SS Y-STRAINER FLANGED - ANSI 150

Working Pressure 150PSI



Code No	SIZE (I	nch mm)	EACH
SSYS50-150	2"	50mm	430.00
SSYS65-150	2.1/2"	65mm	597.00
SSYS80-150	3"	80mm	780.00
SSYS100-150	4"	100mm	1077.00
SSYS150-150	6"	150mm	1900.00
22 1 2 1 2 0 - 1 2 0	0	150mm	1900.

## **CATEGORY 29.4**

# **STAINLESS STEEL FLANGES**





#### BLIND FLANGE - ANSI 150



Code No	SIZE	<b>EACH</b>
SSF025-A150	1	27.12
SSF032-A150	1.1/4	36.44
SSF040-A150	1.1/2	43.00
SSF050-A150	2	69.20
SSF065-A150	2.1/2	102.88
SSF080-A150	3	119.72
SSF100-A150	4	168.28
SSF150-A150	6	233.76

Code No	SIZE	EACH
SSF025B-A150	1	26.16
SSF032B-A150	1.1/4	35.56
SSF040B-A150	1.1/2	42.08
SSF050B-A150	2	64.56
SSF065B-A150	2.1/2	109.36
SSF080B-A150	3	132.80
SSF100B-A150	4	192.64
SSF150B-A150	6	307.64

# SLIP ON WELD FLANGE - TABLE E



# BLIND FLANGE - TABLE E



SIZE	<b>EACH</b>
1	26.16
1.1/4	31.80
1.1/2	33.68
2	37.40
2.1/2	45.84
3	51.40
4	78.56
6	160.84
	1 1.1/4 1.1/2 2 2.1/2 3 4

Code No	SIZE	EACH
SSF025B-E	1	28.04
SSF032B-E	1.1/4	29.92
SSF040B-E	1.1/2	38.32
SSF050B-E	2	42.08
SSF065B-E	2.1/2	51.40
SSF080B-E	3	65.44
SSF100B-E	4	94.40
SSF150B-E	6	209 40

# SLIP ON WELD FLANGE - TABLE D



<b>BLIND FLANG</b>	E
- TABLE D	



Code No	SIZE	EACH
SSF100-D	4	60.80
SSF150-D	6	122.44

BSP SCREWED FLANGE
- TABLE E



Code No	SIZE	EACH	
SSF100B-D	4	105.68	
SSF150B-D	6	221.60	

#### Code No **SIZE EACH** SSF025S-E 26.16 SSF032S-E 1.1/4 32.76 41.16 SSF040S-E 1.1/2 SSF050S-E 43.00 SSF065S-E 2.1/2 49.60 SSF080S-E 62.68 SSF100S-E 98.16

# TUBE O.D. SLIP ON WELD FLANGE - TABLE E



<b>BSP SCREWED FLANGE</b>	1
- TABLE D	



Code No	SIZE	EACH
SSTF040-E	1.1/2	34.44
SSTF050-E	2	34.68
SSTF065-E	2.1/2	41.36
SSTF080-E	3	54.28
SSTF100-E	4	78.56
SSTF150-E	6	160.84

Code No	SIZE	<b>EACH</b>
SSF100S-D	4	84.16

**PLUS 10% GST** 

**CATEGORY 29.5** 



# **UNI-LOK TWIN FERRULE COMPRESSION FITTINGS**

UNI-LOK 316 SS TWIN FERRULE FITTINGS Category Page 30.5 & 6
UNI-LOK BRASS TWIN FERRULE FITTINGS Category Page 30.7 & 8

# **UNI-LOK 316 SS INSTRUMENTATION VALVES**

UNI-LOK 316 SS BALL VALVES	Category Page 30.1
UNI-LOK 316 <b>SS</b> NEEDLE VALVES	Category Page 30.1
UNI-LOK 316 <b>SS</b> GAUGE ROOT VALVES	Category Page 30.2
UNI-LOK 316 SS HEX BALL VALVES	Category Page 30.2
UNI-LOK 316 SS VENT PROTECTOR	Category Page 30.2
UNI-LOK 316 <b>SS</b> BLEED VALVES	Category Page 30.3
UNI-LOK 316 SS CHECK VALVES	Category Page 30.3
UNI-LOK 316 SS MANIFOLD VALVES	Category Page 30.3
UNI-LOK 316 SS PIPE FITTINGS	Category Page 30.9



# **UNI-LOK 316 SS INSTRUMENTATION VALVES**

**IFS** 

# **UNI-LOK 316 SS NEEDLE VALVES**

CODE No.	CONNECTION SIZE	EACH
SNVF-04N-SS	1/4 NPT F&F	
SNVF-04R-SS	1/4 BSP F&F	
SNVF-06N-SS	3/8 NPT F&F	
SNVF-06R-SS	3/8 BSP F&F	
SNVF-08N-SS	1/2 NPT F&F	
SNVF-08R-SS	1/2 BSP F&F	
SNVM-04N-SS	1/4 NPT M&M	
SNVM-04R-SS	1/4 BSP M&M	
SNVM-06N-SS	3/8 NPT M&M	
SNVM-06R-SS	3/8 BSP M&M	
SNVM-08N-SS	1/2 NPT M&M	
SNVM-08R-SS	1/2 BSP M&M	
SNVU-04T-SS	1/4" OD TUBE	
SNVU-06T-SS	3/8" OD TUBE	
SNVU-08T-SS	1/2" OD TUBE	







#### **NEEDLE VALVES (SNVF, SNVM & SNVU)**

Material: 316 S/Steel

Min. Temp: -53 Degrees Celsius

Max. Temp: +232 Degrees Celsius with Standard

PTFE Packing.

Max. Pressure:5000psi

# **UNI-LOK 316 SS BALL VALVES**

CODE No.	CONNECTION SIZE	EACH
SBVF-04N-SS	1/4 NPT	
SBVF-04R-SS	1/4 BSP	
SBVF-06N-SS	3/8 NPT	
SBVF-06R-SS	3/8 BSP	
SBVF-08N-SS	1/2 NPT	
SBVF-08R-SS	1/2 BSP	
SBVU-04T-SS	1/4" O.D. TUBE	
SBVU-06T-SS	3/8" O.D. TUBE	
SBVU-08T-SS	1/2" O.D. TUBE	



SBVU Tube Connection

#### BALL VALVES (SBVF & SBVU)

Material: 316 S/Steel

Min. Temp: +10 Degrees Celsius Max. Temp: +65 Degrees Celsius

Max. Pressure:3000psi



SBVF BSP/NPT Connection

## **CATEGORY 30.1**

## **UNI-LOK 316 SS INSTRUMENTATION VALVES**

## **UNI-LOK 316 SS HEX BALL VALVES**





SHBVU Tube Connection

SHBVF-04N 1/4 NPT
SHBVF-06N 3/8 NPT
SHBVF-08N 1/2 NPT
SHBVF-12N 3/4 NPT
SHBVU-04T 1/4 TUBE
SHBVU-06T 3/8 TUBE
SHBVU-08T 1/2 TUBE
SHBVU-12T 3/4 TUBE

#### HEX BALL VALVES (SHBVF & SHBVU)

Material: 316 S/Steel

Min. Temp: -53 Degrees Celsius Max. Temp: +232 Degrees Celsius

Max. Pressure: 1000Psi Ball Seal: PTFE

## **UNI-LOK 316 SS GAUGE ROOT VALVES**



Uni-Lok Gauge Root Valves offer a safe and economical method of installing pressure switches, gauge and differential transmitters. By offering multiple outlets, these valves can accommodate a variety of gauge positions and handle operations. They are suitable for block and bleed where a purge valve, sampling line, or test pressure source is required.

CODE No.	CONNECTION SIZE	EACH
SRGV-08N-12N	1/2 NPTM x 3/4 NPTF	
SRGV-08N	1/2 NPT MxF	
SRGV-12N-08N	3/4 NPTM x 1/2 NPTF	
SRGV-12N	3/4 NPT MxF	
SRGV2-08N	1/2 NPT MxF	
SRGV2-12N	3/4 NPT MxF	

#### **GAUGE ROOT VALVES (SRGV & SRGV2)**

Material: 316 S/Steel

Min. Temp: -53 Degrees Celsius

Max. Temp: +523 Degrees Celsius with optional Grafoil

Packing.

Max. Pressure: 6000Psi @ 38 Deg c

## **UNI-LOK 316 SS VENT PROTECTOR**



Installed with 40 Mesh Wire Screen.

CODE No.	CONNECTION SIZE	EACH
UVP-04N	1/4 NPT	
UVP-06N	3/8 NPT	
UVP-08N	1/2 NPT	

Uni-Lok vent protectors, also known as bug protectors, protect against foreign particles like insects or debris from entering open ends of instruments or outlet vents.

**PLUS 10% GST** 

**CATEGORY 30.2** 

## **UNI-LOK 316 SS CHECK VALVES**



#### CHECK VALVES (SCVF& SCVU)

Material: 316 S/Steel

Min. Temp: -20 Degrees Celsius Max. Temp: +190 Degrees Celsius

Max. Pressure: 3000psi @21 Degrees Celsius

Seal: Viton

CODE No.	CRACKING Pressure	CONNECTION SIZE	EACH
SCVF-04N-03	3PSI	1/4 NPTF	
SCVF-06N-03	3PSI	3/8 NPTF	
SCVF-08N-03	3PSI	1/2 NPTF	
SCVF-12N-03	3PSI	3/4 NPTF	
SCVU-04T-03	3PSI	1/4 TUBE	
SCVU-06T-03	3PSI	3/8 TUBE	
SCVU-08T-03	3PSI	1/2 TUBE	
SCVU-12T-03	3PSI	3/4 TUBE	

Standard cracking pressure is 3psi. Other pressure valves available

on request, 1/3psi, 1psi, 10psi & 25psi.

Valves are NPT as standard, BSP also available upon request.

Male/Male valves are also available upon request.

## **UNI-LOK 316 SS BLEED VALVES**

Uni-Lok SBL Series Bleed Valves are used on Gauge Root Valve or Manifold Valves so as to vent signal line pressure to atmosphere before disassembly of instrument devices and to make control device calibration easier.

Back Stop Screw prevents accidental disassembly of stem. Vent Tube directs excess liquid or gas from system lines Chrome plated stem threads and tip extend valve cycle life.



CODE No.	CONNECTION SIZE	EACH
SBL-04N-VT	1/4 NPTM	
SBL-08N-VT	1/2 NPTM	

#### **BLEED VALVES (SBL)**

Material: 316 S/Steel

Min. Temp: -53 Degrees Celsius Max. Temp: +454 Degrees Celsius

Max. Pressure: Up to 10000Psi @38 Degrees Celsius

## **UNI-LOK 316 SS MANIFOLD VALVES**

UNI-LOK Manifolds Valves are also available but not normally stocked. Please contact our sales office for pricing and availability.







**CATEGORY 30.3** 

## **UNI-LOK 316 SS TWIN FERRULE FITTINGS**

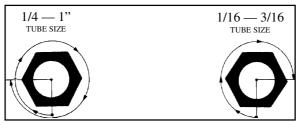


## **ASSEMBLY INSTRUCTIONS**

Twin Ferrule fittings are sold completely assembled and ready for immediate use. Simply insert the tube until it bottoms in the fitting body. If the fitting is disassembled, note that the small tapered end of the ferrules go into the fitting body.

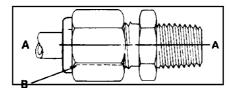
Tighten the nut finger tight. Then tighten the nut with a spanner an additional 1-1/4 turns as indicated in the diagram below. Hold the fitting body with a second spanner to prevent the body from turning. It is helpful to mark the nut to help counting the number of turns

1-1/4 Turns from finger tight



Only 3/4 turn from finger tight is necessary to seal and will result in additional remakes of the fitting

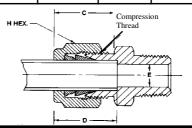
For maximum number of remakes, mark the fitting and nut before disassembly. Before retightening, make sure the assembly has been inserted into the fitting until the ferrule(s) seats in the fitting. Retighten the nut by hand. Rotate the nut with a spanner to the original position as indicated by the previous marks lining up. A noticeable increase in mechanical resistance will be felt indicating the ferrule(s) are being re-sprung into sealing position. Then snug the nut 1/12 of a turn (1/2 a hex flat) as shown from A to B, past the original position.



Stainless Steel straight fittings are manufactured from 316 S/S ASME-SA-479 and the forgings from 316 S/S ASME-182. The 316S/S is heat code traceable. Brass straight fittings are made from CA-360 Brass and brass forgings from CA-377 Brass. The PRESSURE RATING of these Twin Ferrule tube fittings is determined by the tubing on which they are installed.Refer CATEGORY 28 for ratings.

## **TUBE END DIMENSIONAL DATA**

TUBE O.D.	Compression Thread	†C in.	H Hex	E Dia.in.	†D Tube Insertion Depth in.
1/16	10 x 32tpi	.43	5/16	.052	.34
1/8	5/16 x 20tpi	.60	7/16	.093	.50
3/16	3/8 x 20tpi	.63	1/2	.125	.54
1/4	7/16 x 20tpi	.70	9/16	.187	.60
5/16	1/2 x 20tpi	.73	5/8	.250	.64
3/8	9/16 x 20tpi	.76	11/16	.281	.66
1/2	3/4 x 20tpi	.87	7/8	.406	.90
5/8	7/8 x 20tpi	.87	1"	.500	.96
3/4	1" x 20tpi	.87	1-1/8	.625	.96
1"	1-5/16 x 20tpi	1.04	1-1/2	.875	1.23



Note: dimensions C and D are shown in the finger tight position

## **CATEGORY 30.4**

## **UNI-LOK 316SS TWIN FERRULE FITTINGS**

#### **UMC** Male Connector



CODE No.	TUBE NPT/BSP	EACH
02UMC-02	1/8 x 1/8	
02UMC-04	1/8 x 1/4	
03UMC-02	3/16 x 1/8	
04UMC-02	1/4 x 1/8	
04UMC-04	1/4 x 1/4	
04UMC-06	1/4 x 3/8	
04UMC-08	1/4 x 1/2	
05UMC-02	5/16 x 1/8	
05UMC-04	5/16 x 1/4	
05UMC-06	5/16 x 3/8	
06UMC-02	3/8 x 1/8	
06UMC-04	3/8 x 1/4	
06UMC-06	3/8 x 3/8	
06UMC-08	3/8 x 1/2	
08UMC-02	1/2 x 1/8	
08UMC-04	1/2 x 1/4	
08UMC-06	1/2 x 3/8	
08UMC-08	1/2 x 1/2	
08UMC-12	1/2 x 3/4	
10UMC-06	5/8 x 3/8	
10UMC-08	5/8 x 1/2	
12UMC-08	3/4 x 1/2	
12UMC-12	$3/4 \times 3/4$	
16UMC-12	1" x 3/4	
16UMC-16	1" x 1"	

UU Equal Union	

CODE No.	TUBE	EACH
02UU	1/8	
03UU	3/16	
04UU	1/4	
05UU	5/16	
06UU	3/8	
08UU	1/2	
10UU	5/8	
12UU	3/4	
16UU	1"	





CODE No.	TUBE TUBE	EACH
04URU-02	1/4 x 1/8	
05URU-04	5/16 x 1/4	
06URU-04	3/8 x 1/4	
06URU-05	3/8 x 5/16	
08URU-04	1/2 x 1/4	
08URU-06	1/2 x 3/8	
10URU-08	5/8 x 1/2	
12URU-08	3/4 x 1/2	
16URU-12	1" x 3/4	

## **NOTE**

Most fittings are available in BSP or NPT. To order NPT fittings please add "N" after the part number. For BSP please add "R" after the part number. e.g. **08UMC-08R** would be a 1/2" **Tube x 1/2" BSP Male Connector** 





CODE No.	TUBE NPT/BSP	EAC
02UME-02	1/8 x 1/8	
03UME-02	3/16 x 1/8	
04UME-02	1/4 x 1/8	
04UME-04	1/4 x 1/4	
04UME-06	1/4 x 3/8	
04UME-08	1/4 x 1/2	
05UME-02	5/16 x 1/8	
05UME-04	5/16 x 1/4	
06UME-02	3/8 x 1/8	
06UME-04	3/8 x 1/4	
06UME-06	3/8 x 3/8	
06UME-08	3/8 x 1/2	
08UME-04	1/2 x 1/4	
08UME-06	1/2 x 3/8	
08UME-08	1/2 x 1/2	
08UME-12	1/2 x 3/4	
10UME-06	5/8 x 3/8	
10UME-08	5/8 x 1/2	
12UME-08	3/4 x 1/2	
12UME-12	3/4 x 3/4	
16UME-12	1" x 3/4	
16UME-16	1" x 1"	

UFC
Female Connector



CODE No.	TUBE NPT/BSP	EAC
02UFC-02	1/8 x 1/8	
02UFC-04	1/8 x 1/4	
03UFC-02	3/16 x 1/8	
04UFC-02	1/4 x 1/8	
04UFC-04	1/4 x 1/4	
04UFC-06	1/4 x 3/8	
04UFC-08	1/4 x 1/2	
05UFC-02	5/16 x 1/8	
05UFC-04	5/16 x 1/4	
06UFC-02	3/8 x 1/8	
06UFC-04	3/8 x 1/4	
06UFC-06	3/8 x 3/8	
06UFC-08	3/8 x 1/2	
08UFC-04	1/2 x 1/4	
08UFC-06	1/2 x 3/8	
08UFC-08	1/2 x 1/2	
08UFC-12	$1/2 \times 3/4$	
10UFC-08	5/8 x 1/2	
12UFC-08	$3/4 \times 1/2$	
12UFC-12	$3/4 \times 3/4$	
16UFC-12	1" x 3/4	
16UFC-16	1" x 1"	

**UEU** Union Elbow



CODE No.	TUBE	EACH
02UEU	1/8	
03UEU	3/16	
04UEU	1/4	
05UEU	5/16	
06UEU	3/8	
08UEU	1/2	
10UEU	5/8	
12UEU	3/4	
16UEU	1"	

#### **UMBT** Male Branch Tee



CODE No.	TUBE NPT/BSP	EACH
02UMBT-02	1/8 x 1/8	
04UMBT-02	1/4 x 1/8	
04UMBT-04	1/4 x 1/4	
05UMBT-02	5/16 x 1/8	
06UMBT-04	3/8 x 1/4	
06UMBT-06	3/8 x 3/8	
08UMBT-06	1/2 x 3/8	
08UMBT-08	1/2 x 1/2	
12UMBT-12	3/4 x 3/4	

#### **UFBT** Female Branch Tee



CODE No.	TUBE NPT/BSP	EACH
02UFBT-02	1/8 x 1/8	
04UFBT-02	1/4 x 1/8	
04UFBT-04	1/4 x 1/4	
06UFBT-04	3/8 x 1/4	
08UFBT-06	1/2 x 3/8	
08UFBT-08	$1/2 \times 1/2$	
12UFBT-12	3/4 x 3/4	

#### **UMRT** Male Run Tee



CODE No.	TUBE NPT/BSP	EACH
02UMRT-02	1/8 x 1/8	
04UMRT-02	1/4 x 1/8	
04UMRT-04	1/4 x 1/4	
05UMRT-02	5/16 x 1/8	
06UMRT-04	3/8 x 1/4	
06UMRT-06	3/8 x 3/8	
08UMRT-06	1/2 x 3/8	
08UMRT-08	1/2 x 1/2	
12UMRT-12	3/4 x 3/4	

#### **UFRT** Female Run Tee



CODE No.	TUBE NPT/BSP	EACH
02UFRT-02	1/8 x 1/8	
04UFRT-02	1/4 x 1/8	
04UFRT-04	1/4 x 1/4	
06UFRT-04	3/8 x 1/4	
08UFRT-06	1/2 x 3/8	
08UFRT-08	1/2 x 1/2	
12UFRT-12	$3/4 \times 3/4$	

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Equal Te	(



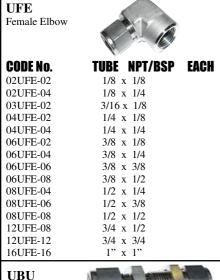
1.00	
TUBE	EACH
1/8	
3/16	
1/4	
5/16	
3/8	
1/2	
5/8	
3/4	
1"	
	1/8 3/16 1/4 5/16 3/8 1/2 5/8 3/4

## **CATEGORY 30.5**

Bulhead Union

## **UNI-LOK 316SS TWIN FERRULE FITTINGS**





3/4	x 1/2 x 3/4 x 1"	

CODE No.	TUBE	EACH
02UBU	1/8	
03UBU	3/16	
04UBU	1/4	
05UBU	5/16	
06UBU	3/8	
08UBU	1/2	
10UBU	5/8	
12UBU	3/4	
16UBU	1"	

10000	1
UBFC Female Bulkhead Union	

CODE No.	TUBE NPT/BSP	EACH
02UBFC-02	1/8 x 1/8	
04UBFC-02	1/4 x 1/8	
04UBFC-04	1/4 x 1/4	
06UBFC-04	3/8 x 1/4	
08UBFC-06	1/2 x 3/8	
08UBFC-08	1/2 x 1/2	

UBMC Male Bulkhead Union	
CODE No.	TUBE NPT/BSP EACH
02UBMC-02	1/8 x 1/8
04UBMC-02	1/4 x 1/8
04UBMC-04	1/4 x 1/4
06UBMC-04	3/8 x 1/4
08UBMC-06	1/2 x 3/8
08UBMC-08	1/2 x 1/2

UUC Equal Cross	Call	2
CODE No.	TUBE	EACH
02UUC	1/8	
04UUC	1/4	
06UUC	3/8	
08UUC	1/2	

Note: Some metric compression is also available. Please contact our sales office for available sizes.

UC Tube Cap		
CODE No.	TUBE	EACH
02UC	1/8	
04UC	1/4	
06UC	3/8	
08UC	1/2	
10UC	5/8	
12UC	3/4	

16UC

UP

Tube Plug

CODE No.	TUBE	EACH
02UP	1/8	
04UP	1/4	
06UP	3/8	
08UP	1/2	
10UP	5/8	
12UP	3/4	
16UP	1"	

U <b>FA</b> Female Adaptor	

CODE No.	TUBE NPT/BSP	EACH
02UFA-02	1/8 x 1/8	
04UFA-02	1/4 x 1/8	
04UFA-04	1/4 x 1/4	
04UFA-06	1/4 x 3/8	
04UFA-08	1/4 x 1/2	
06UFA-02	3/8 x 1/8	
06UFA-04	3/8 x 1/4	
06UFA-06	3/8 x 3/8	
06UFA-08	3/8 x 1/2	
08UFA-04	1/2 x 1/4	
08UFA-06	1/2 x 3/8	
08UFA-08	1/2 x 1/2	
12UFA-08	3/4 x 1/2	
12UFA-12	3/4 x 3/4	
16UFA-16	1" x 1"	

**UMA** Male Adaptor

ı			
	CODE No.	TUBE NPT/BSP	EACH
ı	02UMA-02	1/8 x 1/8	
	04UMA-02	1/4 x 1/8	
ı	04UMA-04	1/4 x 1/4	
	06UMA-04	3/8 x 1/4	
ı	06UMA-06	3/8 x 3/8	
	06UMA-08	3/8 x 1/2	
	08UMA-04	1/2 x 1/4	
	08UMA-06	1/2 x 3/8	
	08UMA-08	1/2 x 1/2	
	10UMA-08	5/8 x 1/2	
ı	12UMA-12	$3/4 \times 3/4$	
	16UMA-16	1" x 1"	

UR Tube End Reducer	T2
	T1

TUBE OD	EACH
T1 x T2	
3/16 x 1/8	
1/4 x 1/8	
1/4 x 3/8	
1/4 x 1/2	
3/8 x 1/4	
3/8 x 1/2	
1/2 x 1/4	
1/2 x 3/8	
$1/2 \times 3/4$	
$3/4 \times 1/2$	
3/4 x 1''	
	T1 x T2 3/16 x 1/8 1/4 x 1/8 1/4 x 3/8 1/4 x 1/2 3/8 x 1/4 3/8 x 1/2 1/2 x 1/4 1/2 x 3/8 1/2 x 3/4 3/4 x 1/2

		3
CODE No.	TUBE	EACH
02UN	1/8	
03UN	3/16	
04UN	1/4	
05UN	5/16	
06UN	3/8	
08UN	1/2	
10UN	5/8	
12UN	3/4	
16UN	1"	

UN Nut

UFS

	Ferrule Set		0
	CODE No.	TUBE	EACH
	02UFS	1/8	
	03UFS	3/16	
	04UFS	1/4	
	05UFS	5/16	
	06UFS	3/8	
	08UFS	1/2	
	10UFS	5/8	
_	12UFS	3/4	
	16UFS	1"	

UPC Port connector			
CODE No.	TUBE	SIZE	EACH
UPC-04	1/4		
UPC-06	3/8		
UPC-08	1/2		

## **UNI-LOK TWIN FERRULE BRASS**

Most of the above Stainless Steel UNI-LOK items are available in **Brass** but are not necessarily in stock. Refer to Category pages 30.7 & 30.8 for pricing.

**PLUS 10% GST** 

**CATEGORY 30.6** 

## UNI-LOK BRASS TWIN FERRULE FITTINGS

**IFS** 

UMC Male Connector		Antoron	UME Male Elbow			UMBT Male Branch Tee		
Whate Connector	in the second of		Male Bloom					
CODE No.	TUBE NPT/BSP	EACH	CODE No.	TUBE NPT/BSP	EACH	CODE No.	TUBE NPT/BSP	EACH
B-02UMC-02	1/8 x 1/8		B-02UME-02	1/8 x 1/8	POA	B-02UMBT-02	1/8 x 1/8	POA
B-02UMC-04	1/8 x 1/4		B-03UME-02	3/16 x 1/8	POA	B-04UMBT-02	1/4 x 1/8	POA
B-03UMC-04	3/16 x 1/8		B-04UME-02	1/4 x 1/8		B-04UMBT-04	1/4 x 1/4	POA
B-04UMC-02	1/4 x 1/8		B-04UME-04	1/4 x 1/4		B-05UMBT-02	5/16 x 1/8	POA
B-04UMC-04	1/4 x 1/4		B-04UME-06	1/4 x 3/8	POA	B-06UMBT-04	3/8 x 1/4	POA
B-04UMC-06	1/4 x 3/8		B-04UME-08	1/4 x 1/2	POA	B-06UMBT-06	3/8 x 3/8	POA
B-04UMC-08	1/4 x 1/2 5/16 x 1/4		B-05UME-02	5/16 x 1/8	POA	B-08UMBT-06	1/2 x 3/8	
B-05UMC-04 B-06UMC-02	3/8 x 1/8		B-05UME-04	5/16 x 1/4	POA	B-08UMBT-08	1/2 x 1/2	
B-06UMC-04	3/8 x 1/4		B-06UME-02 B-06UME-04	3/8 x 1/8 3/8 x 1/4		B-12UMBT-12	3/4 x 3/4	POA
B-06UMC-06	3/8 x 3/8		B-06UME-04 B-06UME-06	3/8 x 3/8		LIEDE		
B-06UMC-08	3/8 x 1/2		B-06UME-08	3/8 x 1/2		UFBT		
B-08UMC-04	1/2 x 1/4		B-08UME-04	1/2 x 1/4		Female Branch Tee	e	2 5 3 8
B-08UMC-06	1/2 x 3/8		B-08UME-06	1/2 x 1/4 1/2 x 3/8				
B-08UMC-08	1/2 x 1/2		B-08UME-08	1/2 x 1/2				
B-08UMC-12	1/2 x 3/4		B-08UME-12	1/2 x 1/2 1/2 x 3/4		CODE No.	TUBE NPT/BSP	EACH
B-10UMC-08	5/8 x 1/2		B-10UME-06	5/8 x 3/8	POA	B-02UFBT-02	1/8 x 1/8	POA
B-10UMC-12	5/8 x 3/4		B-10UME-08	5/8 x 1/2		B-02UFBT-02 B-04UFBT-02	1/4 x 1/8	POA
B-12UMC-08	$3/4 \times 1/2$		B-12UME-08	3/4 x 1/2		B-04UFBT-04	1/4 x 1/4	10/1
B-12UMC-12	3/4 x 3/4		B-12UME-12	3/4 x 3/4		B-06UFBT-04	3/8 x 1/4	POA
B-12UMC-16	3/4 x 3/4		B-16UME-08	1'' x 1/2		B-08UFBT-06	1/2 x 3/8	POA
B-16UMC-08	1" x 1/2		B-16UME-12	1" x 3/4		B-08UFBT-08	1/2 x 1/2	
B-16UMC-12	1" x 3/4		B-16UME-16	1" x 1"		B-12UFBT-12	3/4 x 3/4	POA
B-16UMC-16	1" x 1"							
			UFC			UMRT	A	Michael .
UU		THE PARTY OF	1			Male Run Tee		annin
Equal Union			Female Connect	or				Management.
Equal Official	100							
							Control of the Contro	
			CODE No.	TUBE NPT/BSP	EACH		-	
CODE No	THE	EVU	CODE NO. B-02UFC-02	<b>TUBE NPT/BSP</b> 1/8 x 1/8	POA	CODE NO	THRE NOT/RCD	EVU
CODE No.	TUBE	EACH	1			CODE NO.	TUBE NPT/BSP	EACH POA
B-02UU	1/8	POA	B-02UFC-02 B-02UFC-04 B-03UFC-02	1/8 x 1/8 1/8 x 1/4 3/16 x 1/8	POA POA POA	B-02UMRT-02	1/8 x 1/8	POA
B-02UU B-03UU	1/8 3/16	_	B-02UFC-02 B-02UFC-04 B-03UFC-02 B-04UFC-02	1/8 x 1/8 1/8 x 1/4 3/16 x 1/8 1/4 x 1/8	POA POA	B-02UMRT-02 B-04UMRT-02	1/8 x 1/8 1/4 x 1/8	POA POA
B-02UU B-03UU B-04UU	1/8 3/16 1/4	POA	B-02UFC-02 B-02UFC-04 B-03UFC-02 B-04UFC-02 B-04UFC-04	1/8 x 1/8 1/8 x 1/4 3/16 x 1/8 1/4 x 1/8 1/4 x 1/4	POA POA POA	B-02UMRT-02 B-04UMRT-02 B-04UMRT-04	1/8 x 1/8 1/4 x 1/8 1/4 x 1/4	POA POA POA
B-02UU B-03UU B-04UU B-05UU	1/8 3/16 1/4 5/16	POA	B-02UFC-02 B-02UFC-04 B-03UFC-02 B-04UFC-02 B-04UFC-04 B-04UFC-06	1/8 x 1/8 1/8 x 1/4 3/16 x 1/8 1/4 x 1/8 1/4 x 1/4 1/4 x 3/8	POA POA POA	B-02UMRT-02 B-04UMRT-02 B-04UMRT-04 B-05UMRT-02	1/8 x 1/8 1/4 x 1/8 1/4 x 1/4 5/16 x 1/8	POA POA
B-02UU B-03UU B-04UU B-05UU B-06UU	1/8 3/16 1/4 5/16 3/8	POA	B-02UFC-02 B-02UFC-04 B-03UFC-02 B-04UFC-02 B-04UFC-04 B-04UFC-06 B-04UFC-08	1/8 x 1/8 1/8 x 1/4 3/16 x 1/8 1/4 x 1/8 1/4 x 1/4 1/4 x 3/8 1/4 x 1/2	POA POA POA POA	B-02UMRT-02 B-04UMRT-02 B-04UMRT-04	1/8 x 1/8 1/4 x 1/8 1/4 x 1/4	POA POA POA
B-02UU B-03UU B-04UU B-05UU	1/8 3/16 1/4 5/16	POA	B-02UFC-02 B-02UFC-04 B-03UFC-02 B-04UFC-02 B-04UFC-04 B-04UFC-06 B-04UFC-08 B-05UFC-02	1/8 x 1/8 1/8 x 1/4 3/16 x 1/8 1/4 x 1/8 1/4 x 1/4 1/4 x 3/8 1/4 x 1/2 5/16 x 1/8	POA POA POA POA	B-02UMRT-02 B-04UMRT-02 B-04UMRT-04 B-05UMRT-02 B-06UMRT-04	1/8 x 1/8 1/4 x 1/8 1/4 x 1/4 5/16 x 1/8 3/8 x 1/4	POA POA POA
B-02UU B-03UU B-04UU B-05UU B-06UU B-08UU	1/8 3/16 1/4 5/16 3/8 1/2	POA	B-02UFC-02 B-02UFC-04 B-03UFC-02 B-04UFC-02 B-04UFC-04 B-04UFC-06 B-04UFC-08 B-05UFC-02 B-05UFC-04	1/8 x 1/8 1/8 x 1/4 3/16 x 1/8 1/4 x 1/8 1/4 x 1/4 1/4 x 3/8 1/4 x 1/2 5/16 x 1/8 5/16 x 1/4	POA POA POA POA POA	B-02UMRT-02 B-04UMRT-02 B-04UMRT-04 B-05UMRT-02 B-06UMRT-04 B-06UMRT-06	1/8 x 1/8 1/4 x 1/8 1/4 x 1/4 5/16 x 1/8 3/8 x 1/4 3/8 x 3/8	POA POA POA
B-02UU B-03UU B-04UU B-05UU B-06UU B-08UU B-10UU	1/8 3/16 1/4 5/16 3/8 1/2 5/8	POA	B-02UFC-02 B-02UFC-04 B-03UFC-02 B-04UFC-02 B-04UFC-06 B-04UFC-08 B-05UFC-02 B-05UFC-04 B-06UFC-02	1/8 x 1/8 1/8 x 1/4 3/16 x 1/8 1/4 x 1/8 1/4 x 1/4 1/4 x 3/8 1/4 x 1/2 5/16 x 1/8 5/16 x 1/4 3/8 x 1/8	POA POA POA POA	B-02UMRT-02 B-04UMRT-02 B-04UMRT-04 B-05UMRT-02 B-06UMRT-04 B-06UMRT-06 B-08UMRT-04	1/8 x 1/8 1/4 x 1/8 1/4 x 1/4 5/16 x 1/8 3/8 x 1/4 3/8 x 3/8 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2	POA POA POA POA
B-02UU B-03UU B-04UU B-05UU B-06UU B-08UU B-10UU B-12UU	1/8 3/16 1/4 5/16 3/8 1/2 5/8 3/4	POA POA	B-02UFC-02 B-02UFC-04 B-03UFC-02 B-04UFC-02 B-04UFC-06 B-04UFC-08 B-05UFC-02 B-06UFC-04 B-06UFC-02	1/8 x 1/8 1/8 x 1/4 3/16 x 1/8 1/4 x 1/8 1/4 x 1/4 1/4 x 3/8 1/4 x 1/2 5/16 x 1/8 5/16 x 1/4 3/8 x 1/8 3/8 x 1/4	POA POA POA POA POA	B-02UMRT-02 B-04UMRT-02 B-04UMRT-04 B-05UMRT-02 B-06UMRT-04 B-06UMRT-06 B-08UMRT-04 B-08UMRT-06	1/8 x 1/8 1/4 x 1/8 1/4 x 1/4 5/16 x 1/8 3/8 x 1/4 3/8 x 3/8 1/2 x 1/4 1/2 x 3/8	POA POA POA
B-02UU B-03UU B-04UU B-05UU B-06UU B-08UU B-10UU B-12UU	1/8 3/16 1/4 5/16 3/8 1/2 5/8 3/4	POA POA	B-02UFC-02 B-02UFC-04 B-03UFC-02 B-04UFC-04 B-04UFC-06 B-04UFC-08 B-05UFC-04 B-06UFC-04 B-06UFC-04 B-06UFC-04	1/8 x 1/8 1/8 x 1/4 3/16 x 1/8 1/4 x 1/8 1/4 x 1/4 1/4 x 1/4 1/4 x 1/2 5/16 x 1/8 5/16 x 1/8 3/8 x 1/4 3/8 x 3/8	POA POA POA POA POA POA POA	B-02UMRT-02 B-04UMRT-02 B-04UMRT-04 B-05UMRT-02 B-06UMRT-04 B-06UMRT-06 B-08UMRT-06 B-08UMRT-06 B-08UMRT-08	1/8 x 1/8 1/4 x 1/8 1/4 x 1/4 5/16 x 1/8 3/8 x 1/4 3/8 x 3/8 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2	POA POA POA POA
B-02UU B-03UU B-04UU B-05UU B-06UU B-08UU B-10UU B-12UU B-16UU	1/8 3/16 1/4 5/16 3/8 1/2 5/8 3/4	POA POA	B-02UFC-02 B-02UFC-04 B-03UFC-02 B-04UFC-04 B-04UFC-06 B-04UFC-08 B-05UFC-02 B-05UFC-04 B-06UFC-04 B-06UFC-06 B-06UFC-06	1/8 x 1/8 1/8 x 1/4 3/16 x 1/8 1/4 x 1/8 1/4 x 1/4 1/4 x 3/8 1/4 x 1/2 5/16 x 1/8 5/16 x 1/4 3/8 x 1/8 3/8 x 1/4	POA POA POA POA POA	B-02UMRT-02 B-04UMRT-02 B-04UMRT-04 B-05UMRT-02 B-06UMRT-04 B-06UMRT-06 B-08UMRT-04 B-08UMRT-06 B-08UMRT-08 B-12UMRT-12	1/8 x 1/8 1/4 x 1/8 1/4 x 1/4 5/16 x 1/8 3/8 x 1/4 3/8 x 3/8 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2	POA POA POA POA
B-02UU B-03UU B-04UU B-05UU B-06UU B-08UU B-10UU B-12UU B-16UU	1/8 3/16 1/4 5/16 3/8 1/2 5/8 3/4	POA POA	B-02UFC-02 B-02UFC-04 B-03UFC-02 B-04UFC-04 B-04UFC-06 B-04UFC-08 B-05UFC-04 B-06UFC-04 B-06UFC-04 B-06UFC-04	1/8 x 1/8 1/8 x 1/4 3/16 x 1/8 1/4 x 1/8 1/4 x 1/4 1/4 x 1/4 1/4 x 1/2 5/16 x 1/8 5/16 x 1/8 3/8 x 1/4 3/8 x 3/8 3/8 x 1/2	POA POA POA POA POA POA POA	B-02UMRT-02 B-04UMRT-02 B-04UMRT-04 B-05UMRT-02 B-06UMRT-04 B-06UMRT-06 B-08UMRT-04 B-08UMRT-06 B-08UMRT-08 B-12UMRT-12	1/8 x 1/8 1/4 x 1/8 1/4 x 1/4 5/16 x 1/8 3/8 x 1/4 3/8 x 3/8 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2	POA POA POA POA
B-02UU B-03UU B-04UU B-05UU B-06UU B-08UU B-10UU B-12UU B-16UU	1/8 3/16 1/4 5/16 3/8 1/2 5/8 3/4	POA POA	B-02UFC-02 B-02UFC-04 B-03UFC-02 B-04UFC-02 B-04UFC-06 B-04UFC-08 B-05UFC-02 B-05UFC-02 B-06UFC-04 B-06UFC-04 B-06UFC-06 B-06UFC-08 B-08UFC-04	1/8 x 1/8 1/8 x 1/4 3/16 x 1/8 1/4 x 1/8 1/4 x 1/4 1/4 x 1/4 1/4 x 1/2 5/16 x 1/8 5/16 x 1/8 5/16 x 1/4 3/8 x 1/4 3/8 x 3/8 3/8 x 1/2 1/2 x 1/4	POA POA POA POA POA POA POA	B-02UMRT-02 B-04UMRT-02 B-04UMRT-04 B-05UMRT-02 B-06UMRT-04 B-06UMRT-06 B-08UMRT-04 B-08UMRT-06 B-08UMRT-08 B-12UMRT-12	1/8 x 1/8 1/4 x 1/8 1/4 x 1/4 5/16 x 1/8 3/8 x 1/4 3/8 x 3/8 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2	POA POA POA POA
B-02UU B-03UU B-04UU B-05UU B-06UU B-08UU B-10UU B-12UU B-16UU  URU Reducing Union	1/8 3/16 1/4 5/16 3/8 1/2 5/8 3/4 1"	POA POA	B-02UFC-02 B-02UFC-04 B-03UFC-02 B-04UFC-02 B-04UFC-06 B-04UFC-08 B-05UFC-02 B-05UFC-04 B-06UFC-04 B-06UFC-06 B-06UFC-06 B-06UFC-08 B-08UFC-04 B-08UFC-04	1/8 x 1/8 1/8 x 1/4 3/16 x 1/8 1/4 x 1/8 1/4 x 1/4 1/4 x 3/8 1/4 x 1/2 5/16 x 1/8 5/16 x 1/4 3/8 x 1/4 3/8 x 1/4 3/8 x 3/8 3/8 x 1/2 1/2 x 1/4 1/2 x 3/8	POA POA POA POA POA POA POA	B-02UMRT-02 B-04UMRT-02 B-04UMRT-04 B-05UMRT-02 B-06UMRT-04 B-06UMRT-06 B-08UMRT-04 B-08UMRT-06 B-08UMRT-08 B-12UMRT-12	1/8 x 1/8 1/4 x 1/8 1/4 x 1/4 5/16 x 1/8 3/8 x 1/4 3/8 x 3/8 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2	POA POA POA POA
B-02UU B-03UU B-04UU B-05UU B-06UU B-08UU B-10UU B-12UU B-16UU	1/8 3/16 1/4 5/16 3/8 1/2 5/8 3/4	POA POA	B-02UFC-02 B-02UFC-04 B-03UFC-02 B-04UFC-02 B-04UFC-06 B-04UFC-08 B-05UFC-02 B-05UFC-04 B-06UFC-04 B-06UFC-06 B-06UFC-06 B-08UFC-04 B-08UFC-06 B-08UFC-06 B-08UFC-06	1/8 x 1/8 1/8 x 1/4 3/16 x 1/8 1/4 x 1/8 1/4 x 1/4 1/4 x 3/8 1/4 x 1/2 5/16 x 1/8 5/16 x 1/4 3/8 x 1/4 3/8 x 1/4 3/8 x 3/8 3/8 x 1/2 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2	POA POA POA POA POA POA POA	B-02UMRT-02 B-04UMRT-02 B-04UMRT-04 B-05UMRT-02 B-06UMRT-04 B-06UMRT-06 B-08UMRT-04 B-08UMRT-06 B-08UMRT-08 B-12UMRT-12	1/8 x 1/8 1/4 x 1/8 1/4 x 1/4 5/16 x 1/8 3/8 x 1/4 3/8 x 3/8 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2	POA POA POA POA
B-02UU B-03UU B-04UU B-05UU B-06UU B-08UU B-10UU B-12UU B-16UU  URU Reducing Union  CODE No. B-04URU-02	1/8 3/16 1/4 5/16 3/8 1/2 5/8 3/4 1"  TUBE TUBE 1/4 x 1/8	POA POA  POA  EACH POA	B-02UFC-02 B-02UFC-04 B-03UFC-02 B-04UFC-04 B-04UFC-06 B-04UFC-08 B-05UFC-04 B-06UFC-04 B-06UFC-06 B-06UFC-08 B-08UFC-04 B-08UFC-04 B-08UFC-08 B-08UFC-08 B-08UFC-08 B-08UFC-08 B-08UFC-08 B-08UFC-08 B-08UFC-08 B-08UFC-12	1/8 x 1/8 1/8 x 1/4 3/16 x 1/8 1/4 x 1/8 1/4 x 1/4 1/4 x 3/8 1/4 x 1/2 5/16 x 1/8 5/16 x 1/4 3/8 x 1/8 3/8 x 1/4 3/8 x 3/8 3/8 x 1/2 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2 1/2 x 3/4 3/4 x 1/2 3/4 x 3/4	POA POA POA POA POA POA POA	B-02UMRT-02 B-04UMRT-02 B-04UMRT-04 B-05UMRT-02 B-06UMRT-04 B-06UMRT-06 B-08UMRT-04 B-08UMRT-06 B-08UMRT-08 B-12UMRT-12	1/8 x 1/8 1/4 x 1/8 1/4 x 1/4 5/16 x 1/8 3/8 x 1/4 3/8 x 3/8 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2	POA POA POA POA
B-02UU B-03UU B-04UU B-05UU B-06UU B-08UU B-10UU B-12UU B-16UU  URU Reducing Union  CODE No. B-04URU-02 B-05URU-04	1/8 3/16 1/4 5/16 3/8 1/2 5/8 3/4 1"  TUBE TUBE 1/4 x 1/8 5/16 x 1/4	POA POA POA POA POA	B-02UFC-02 B-02UFC-04 B-03UFC-02 B-04UFC-04 B-04UFC-06 B-04UFC-06 B-05UFC-04 B-05UFC-04 B-06UFC-06 B-06UFC-06 B-06UFC-06 B-08UFC-04 B-08UFC-06 B-08UFC-08 B-08UFC-08 B-08UFC-08 B-08UFC-08 B-08UFC-08 B-08UFC-08 B-08UFC-08	1/8 x 1/8 1/8 x 1/4 3/16 x 1/8 1/4 x 1/8 1/4 x 1/4 1/4 x 3/8 1/4 x 1/2 5/16 x 1/8 5/16 x 1/4 3/8 x 1/8 3/8 x 1/4 3/8 x 3/8 3/8 x 1/4 1/2 x 3/8 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2 1/2 x 3/4 3/4 x 1/2 3/4 x 3/4 1'' x 1/2	POA POA POA POA POA POA POA	B-02UMRT-02 B-04UMRT-02 B-04UMRT-04 B-05UMRT-02 B-06UMRT-04 B-06UMRT-06 B-08UMRT-06 B-08UMRT-06 B-08UMRT-08 B-12UMRT-12	1/8 x 1/8 1/4 x 1/8 1/4 x 1/4 5/16 x 1/8 3/8 x 1/4 3/8 x 3/8 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2 3/4 x 3/4	POA POA POA POA POA
B-02UU B-03UU B-04UU B-05UU B-06UU B-08UU B-10UU B-12UU B-16UU  URU Reducing Union  CODE No. B-04URU-02 B-05URU-04 B-06URU-04	1/8 3/16 1/4 5/16 3/8 1/2 5/8 3/4 1"  TUBE TUBE 1/4 x 1/8 5/16 x 1/4 3/8 x 1/4	POA POA POA POA POA POA	B-02UFC-02 B-02UFC-04 B-03UFC-02 B-04UFC-04 B-04UFC-06 B-04UFC-06 B-05UFC-02 B-05UFC-04 B-06UFC-06 B-06UFC-06 B-06UFC-06 B-08UFC-06 B-08UFC-06 B-08UFC-08 B-08UFC-08 B-08UFC-12 B-12UFC-12 B-16UFC-08 B-16UFC-12	1/8 x 1/8 1/8 x 1/4 3/16 x 1/8 1/4 x 1/8 1/4 x 1/4 1/4 x 3/8 1/4 x 1/2 5/16 x 1/8 5/16 x 1/8 5/16 x 1/4 3/8 x 1/8 3/8 x 1/4 3/8 x 3/8 3/8 x 1/2 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2 1/2 x 3/4 3/4 x 1/2 3/4 x 3/4 1" x 1/2 1" x 3/4	POA POA POA POA POA POA POA	B-02UMRT-02 B-04UMRT-02 B-04UMRT-04 B-05UMRT-02 B-06UMRT-04 B-06UMRT-06 B-08UMRT-06 B-08UMRT-08 B-12UMRT-12  UUT Equal Tee	1/8 x 1/8 1/4 x 1/8 1/4 x 1/4 5/16 x 1/8 3/8 x 1/4 3/8 x 3/8 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2 3/4 x 3/4	POA POA POA POA POA
B-02UU B-03UU B-03UU B-04UU B-05UU B-06UU B-10UU B-12UU B-16UU  URU Reducing Union  CODE No. B-04URU-02 B-05URU-04 B-06URU-04 B-06URU-05	1/8 3/16 1/4 5/16 3/8 1/2 5/8 3/4 1"  TUBE TUBE 1/4 x 1/8 5/16 x 1/4 3/8 x 1/4 3/8 x 5/16	POA POA POA POA POA	B-02UFC-02 B-02UFC-04 B-03UFC-02 B-04UFC-04 B-04UFC-06 B-04UFC-06 B-05UFC-04 B-05UFC-04 B-06UFC-06 B-06UFC-06 B-06UFC-06 B-08UFC-04 B-08UFC-06 B-08UFC-08 B-08UFC-08 B-08UFC-08 B-08UFC-08 B-08UFC-08 B-08UFC-08 B-08UFC-08	1/8 x 1/8 1/8 x 1/4 3/16 x 1/8 1/4 x 1/8 1/4 x 1/4 1/4 x 3/8 1/4 x 1/2 5/16 x 1/8 5/16 x 1/4 3/8 x 1/8 3/8 x 1/4 3/8 x 3/8 3/8 x 1/4 1/2 x 3/8 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2 1/2 x 3/4 3/4 x 1/2 3/4 x 3/4 1'' x 1/2	POA POA POA POA POA POA POA	B-02UMRT-02 B-04UMRT-02 B-04UMRT-04 B-05UMRT-02 B-06UMRT-04 B-06UMRT-04 B-08UMRT-06 B-08UMRT-08 B-12UMRT-12  UUT Equal Tee  CODE No. B-02UUT	1/8 x 1/8 1/4 x 1/8 1/4 x 1/4 5/16 x 1/8 3/8 x 1/4 3/8 x 3/8 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2 3/4 x 3/4  TUBE 1/8	POA POA POA POA POA POA
B-02UU B-03UU B-03UU B-04UU B-05UU B-06UU B-08UU B-10UU B-12UU B-16UU  URU Reducing Union  CODE No. B-04URU-02 B-05URU-04 B-06URU-04 B-06URU-05 B-08URU-04	1/8 3/16 1/4 5/16 3/8 1/2 5/8 3/4 1"  TUBE TUBE 1/4 x 1/8 5/16 x 1/4 3/8 x 1/4 3/8 x 5/16 1/2 x 1/4	POA POA POA POA POA POA POA	B-02UFC-02 B-02UFC-04 B-03UFC-02 B-04UFC-04 B-04UFC-06 B-04UFC-08 B-05UFC-02 B-05UFC-04 B-06UFC-06 B-06UFC-06 B-06UFC-06 B-08UFC-06 B-08UFC-06 B-08UFC-08 B-08UFC-12 B-12UFC-08 B-12UFC-08 B-12UFC-12 B-16UFC-12 B-16UFC-12	1/8 x 1/8 1/8 x 1/4 3/16 x 1/8 1/4 x 1/8 1/4 x 1/4 1/4 x 3/8 1/4 x 1/2 5/16 x 1/8 5/16 x 1/8 5/16 x 1/4 3/8 x 1/8 3/8 x 1/4 3/8 x 3/8 3/8 x 1/2 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2 1/2 x 3/4 3/4 x 1/2 3/4 x 3/4 1" x 1/2 1" x 3/4	POA POA POA POA POA POA POA	B-02UMRT-02 B-04UMRT-02 B-04UMRT-04 B-05UMRT-02 B-06UMRT-04 B-06UMRT-04 B-08UMRT-06 B-08UMRT-08 B-12UMRT-12  UUT Equal Tee  CODE No. B-02UUT B-03UUT	1/8 x 1/8 1/4 x 1/8 1/4 x 1/4 5/16 x 1/8 3/8 x 1/4 3/8 x 3/8 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2 3/4 x 3/4  TUBE 1/8 3/16	POA POA POA POA POA
B-02UU B-03UU B-04UU B-05UU B-06UU B-08UU B-10UU B-12UU B-16UU  URU Reducing Union  CODE NO. B-04URU-02 B-05URU-04 B-06URU-05 B-08URU-04 B-08URU-06	1/8 3/16 1/4 5/16 3/8 1/2 5/8 3/4 1"  TUBE TUBE 1/4 x 1/8 5/16 x 1/4 3/8 x 1/4 3/8 x 5/16 1/2 x 1/4 1/2 x 3/8	POA POA  POA  EACH POA POA POA POA POA	B-02UFC-02 B-02UFC-04 B-03UFC-02 B-04UFC-04 B-04UFC-06 B-04UFC-06 B-05UFC-02 B-05UFC-04 B-06UFC-04 B-06UFC-06 B-06UFC-08 B-08UFC-06 B-08UFC-06 B-08UFC-08 B-12UFC-12 B-12UFC-12 B-16UFC-12 B-16UFC-12 B-16UFC-16	1/8 x 1/8 1/8 x 1/4 3/16 x 1/8 1/4 x 1/8 1/4 x 1/4 1/4 x 3/8 1/4 x 1/2 5/16 x 1/8 5/16 x 1/8 5/16 x 1/4 3/8 x 1/8 3/8 x 1/4 3/8 x 3/8 3/8 x 1/2 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2 1/2 x 3/4 3/4 x 1/2 3/4 x 3/4 1" x 1/2 1" x 3/4	POA POA POA POA POA POA POA	B-02UMRT-02 B-04UMRT-02 B-04UMRT-04 B-05UMRT-02 B-06UMRT-04 B-06UMRT-06 B-08UMRT-06 B-08UMRT-06 B-08UMRT-12  UUT Equal Tee  CODE No. B-02UUT B-03UUT B-04UUT	1/8 x 1/8 1/4 x 1/8 1/4 x 1/8 1/4 x 1/4 5/16 x 1/8 3/8 x 1/4 3/8 x 3/8 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2 3/4 x 3/4  TUBE 1/8 3/16 1/4	POA POA POA POA POA POA
B-02UU B-03UU B-03UU B-04UU B-05UU B-06UU B-08UU B-10UU B-12UU B-16UU  URU Reducing Union  CODE No. B-04URU-02 B-05URU-04 B-06URU-05 B-08URU-04 B-08URU-04 B-08URU-06 B-10URU-08	1/8 3/16 1/4 5/16 3/8 1/2 5/8 3/4 1"  TUBE TUBE 1/4 x 1/8 5/16 x 1/4 3/8 x 1/4 3/8 x 5/16 1/2 x 1/4 1/2 x 3/8 5/8 x 1/2	POA POA POA POA POA POA POA POA	B-02UFC-02 B-02UFC-04 B-03UFC-02 B-04UFC-04 B-04UFC-06 B-04UFC-08 B-05UFC-02 B-05UFC-04 B-06UFC-06 B-06UFC-06 B-06UFC-06 B-08UFC-06 B-08UFC-06 B-08UFC-08 B-08UFC-12 B-12UFC-08 B-12UFC-08 B-12UFC-12 B-16UFC-12 B-16UFC-12	1/8 x 1/8 1/8 x 1/4 3/16 x 1/8 1/4 x 1/8 1/4 x 1/4 1/4 x 3/8 1/4 x 1/2 5/16 x 1/8 5/16 x 1/8 5/16 x 1/4 3/8 x 1/8 3/8 x 1/4 3/8 x 3/8 3/8 x 1/2 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2 1/2 x 3/4 3/4 x 1/2 3/4 x 3/4 1" x 1/2 1" x 3/4	POA POA POA POA POA POA POA	B-02UMRT-02 B-04UMRT-02 B-04UMRT-04 B-05UMRT-02 B-06UMRT-04 B-06UMRT-06 B-08UMRT-06 B-08UMRT-08 B-12UMRT-12  UUT Equal Tee  CODE No. B-02UUT B-03UUT B-04UUT B-05UUT	1/8 x 1/8 1/4 x 1/8 1/4 x 1/8 1/4 x 1/4 5/16 x 1/8 3/8 x 1/4 3/8 x 3/8 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2 3/4 x 3/4   TUBE 1/8 3/16 1/4 5/16	POA POA POA POA POA POA
B-02UU B-03UU B-04UU B-05UU B-06UU B-08UU B-10UU B-12UU B-16UU  CODE NO. B-04URU-02 B-05URU-04 B-06URU-04 B-06URU-05 B-08URU-04 B-08URU-04 B-08URU-06 B-10URU-08 B-12URU-08	1/8 3/16 1/4 5/16 3/8 1/2 5/8 3/4 1"  TUBE TUBE 1/4 x 1/8 5/16 x 1/4 3/8 x 1/4 3/8 x 5/16 1/2 x 1/4 1/2 x 3/8 5/8 x 1/2 3/4 x 1/2	POA POA  POA  EACH POA POA POA POA POA	B-02UFC-02 B-02UFC-04 B-03UFC-02 B-04UFC-04 B-04UFC-06 B-04UFC-06 B-05UFC-02 B-05UFC-04 B-06UFC-04 B-06UFC-06 B-06UFC-08 B-08UFC-06 B-08UFC-06 B-08UFC-08 B-12UFC-12 B-12UFC-12 B-16UFC-12 B-16UFC-12 B-16UFC-16	1/8 x 1/8 1/8 x 1/4 3/16 x 1/8 1/4 x 1/8 1/4 x 1/4 1/4 x 3/8 1/4 x 1/2 5/16 x 1/8 5/16 x 1/8 5/16 x 1/4 3/8 x 1/8 3/8 x 1/4 3/8 x 3/8 3/8 x 1/2 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2 1/2 x 3/4 3/4 x 1/2 3/4 x 3/4 1" x 1/2 1" x 3/4	POA POA POA POA POA POA POA	B-02UMRT-02 B-04UMRT-02 B-04UMRT-04 B-05UMRT-02 B-06UMRT-04 B-06UMRT-06 B-08UMRT-06 B-08UMRT-08 B-12UMRT-12  UUT Equal Tee  CODE NO. B-02UUT B-03UUT B-04UUT B-05UUT B-06UUT	1/8 x 1/8 1/4 x 1/8 1/4 x 1/8 1/4 x 1/4 5/16 x 1/8 3/8 x 1/4 3/8 x 3/8 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2 3/4 x 3/4   TUBE 1/8 3/16 1/4 5/16 3/8	POA POA POA POA POA POA
B-02UU B-03UU B-03UU B-04UU B-05UU B-06UU B-08UU B-10UU B-12UU B-16UU  URU Reducing Union  CODE No. B-04URU-02 B-05URU-04 B-06URU-05 B-08URU-04 B-08URU-04 B-08URU-06 B-10URU-08	1/8 3/16 1/4 5/16 3/8 1/2 5/8 3/4 1"  TUBE TUBE 1/4 x 1/8 5/16 x 1/4 3/8 x 1/4 3/8 x 5/16 1/2 x 1/4 1/2 x 3/8 5/8 x 1/2	POA POA POA POA POA POA POA POA	B-02UFC-02 B-02UFC-04 B-03UFC-02 B-04UFC-04 B-04UFC-06 B-04UFC-06 B-05UFC-02 B-05UFC-04 B-06UFC-04 B-06UFC-06 B-06UFC-08 B-08UFC-06 B-08UFC-06 B-08UFC-08 B-12UFC-12 B-12UFC-12 B-16UFC-12 B-16UFC-12 B-16UFC-16	1/8 x 1/8 1/8 x 1/4 3/16 x 1/8 1/4 x 1/8 1/4 x 1/4 1/4 x 3/8 1/4 x 1/2 5/16 x 1/8 5/16 x 1/8 5/16 x 1/4 3/8 x 1/8 3/8 x 1/4 3/8 x 3/8 3/8 x 1/2 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2 1/2 x 3/4 3/4 x 1/2 3/4 x 3/4 1" x 1/2 1" x 3/4	POA POA POA POA POA POA POA	B-02UMRT-02 B-04UMRT-02 B-04UMRT-04 B-05UMRT-02 B-06UMRT-04 B-06UMRT-06 B-08UMRT-06 B-08UMRT-08 B-12UMRT-12  UUT Equal Tee  CODE No. B-02UUT B-03UUT B-05UUT B-06UUT B-06UUT B-08UUT	1/8 x 1/8 1/4 x 1/8 1/4 x 1/8 1/4 x 1/4 5/16 x 1/8 3/8 x 1/4 3/8 x 3/8 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2 3/4 x 3/4   TUBE 1/8 3/16 1/4 5/16 3/8 1/2	POA POA POA POA POA POA POA
B-02UU B-03UU B-03UU B-04UU B-05UU B-06UU B-08UU B-10UU B-12UU B-16UU  CODE NO. B-04URU-02 B-05URU-04 B-06URU-04 B-06URU-05 B-08URU-04 B-08URU-06 B-10URU-08 B-12URU-08 B-16URU-12	1/8 3/16 1/4 5/16 3/8 1/2 5/8 3/4 1"  TUBE TUBE  1/4 x 1/8 5/16 x 1/4 3/8 x 1/4 3/8 x 5/16 1/2 x 1/4 1/2 x 3/8 5/8 x 1/2 3/4 x 1/2 1" x 3/4	POA POA POA POA POA POA POA POA	B-02UFC-02 B-02UFC-04 B-03UFC-02 B-04UFC-04 B-04UFC-06 B-04UFC-06 B-05UFC-02 B-05UFC-04 B-06UFC-04 B-06UFC-06 B-06UFC-06 B-08UFC-06 B-08UFC-06 B-08UFC-08 B-08UFC-12 B-12UFC-08 B-12UFC-12 B-16UFC-12 B-16UFC-12 UEU Union Elbow	1/8 x 1/8 1/8 x 1/4 3/16 x 1/8 1/4 x 1/8 1/4 x 1/4 1/4 x 3/8 1/4 x 1/2 5/16 x 1/8 5/16 x 1/4 3/8 x 1/8 3/8 x 1/4 3/8 x 3/8 3/8 x 1/2 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2 1/2 x 3/4 3/4 x 1/2 3/4 x 3/4 1" x 1"  1" x 1"	POA POA POA POA POA POA POA POA	B-02UMRT-02 B-04UMRT-02 B-04UMRT-04 B-05UMRT-02 B-06UMRT-04 B-06UMRT-06 B-08UMRT-06 B-08UMRT-08 B-12UMRT-12  UUT Equal Tee  CODE NO. B-02UUT B-03UUT B-04UUT B-05UUT B-06UUT	1/8 x 1/8 1/4 x 1/8 1/4 x 1/8 1/4 x 1/4 5/16 x 1/8 3/8 x 1/4 3/8 x 3/8 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2 3/4 x 3/4   TUBE 1/8 3/16 1/4 5/16 3/8	POA POA POA POA POA POA
B-02UU B-03UU B-03UU B-04UU B-05UU B-06UU B-08UU B-10UU B-12UU B-16UU  CODE NO. B-04URU-02 B-05URU-04 B-06URU-04 B-06URU-05 B-08URU-04 B-08URU-04 B-08URU-06 B-10URU-08 B-12URU-08 B-16URU-12	1/8 3/16 1/4 5/16 3/8 1/2 5/8 3/4 1"  TUBE TUBE 1/4 x 1/8 5/16 x 1/4 3/8 x 1/4 3/8 x 5/16 1/2 x 1/4 1/2 x 3/8 5/8 x 1/2 3/4 x 1/2 1" x 3/4  NOTE	POA POA POA POA POA POA POA POA	B-02UFC-02 B-02UFC-04 B-03UFC-02 B-04UFC-04 B-04UFC-06 B-04UFC-06 B-04UFC-06 B-05UFC-02 B-05UFC-04 B-06UFC-06 B-06UFC-06 B-06UFC-06 B-08UFC-06 B-08UFC-06 B-08UFC-08 B-12UFC-12 B-12UFC-12 B-16UFC-12 B-16UFC-16  UEU Union Elbow	1/8 x 1/8 1/8 x 1/4 3/16 x 1/8 1/4 x 1/8 1/4 x 1/4 1/4 x 3/8 1/4 x 1/2 5/16 x 1/8 5/16 x 1/8 3/8 x 1/8 3/8 x 1/4 3/8 x 3/8 3/8 x 1/2 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2 1/2 x 3/4 3/4 x 1/2 3/4 x 3/4 1" x 1/2 1" x 3/4 1" x 1"	POA	B-02UMRT-02 B-04UMRT-02 B-04UMRT-04 B-05UMRT-04 B-06UMRT-04 B-06UMRT-06 B-08UMRT-06 B-08UMRT-08 B-12UMRT-12  UUT Equal Tee  CODE No. B-02UUT B-03UUT B-04UUT B-05UUT B-06UUT B-08UUT B-08UUT B-08UUT B-08UUT B-08UUT B-08UUT	1/8 x 1/8 1/4 x 1/8 1/4 x 1/8 1/4 x 1/4 5/16 x 1/8 3/8 x 1/4 3/8 x 3/8 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2 3/4 x 3/4   TUBE 1/8 3/16 1/4 5/16 3/8 1/2 5/8	POA POA POA POA POA POA POA
B-02UU B-03UU B-03UU B-04UU B-05UU B-06UU B-08UU B-10UU B-12UU B-16UU  URU Reducing Union  CODE No. B-04URU-02 B-05URU-04 B-06URU-04 B-06URU-05 B-08URU-04 B-08URU-06 B-10URU-08 B-12URU-08 B-16URU-12  Most fittings	1/8 3/16 1/4 5/16 3/8 1/2 5/8 3/4 1"  TUBE TUBE 1/4 x 1/8 5/16 x 1/4 3/8 x 5/16 1/2 x 1/4 1/2 x 3/8 5/8 x 1/2 3/4 x 1/2 1" x 3/4  NOTE  Sare available	POA	B-02UFC-02 B-02UFC-04 B-03UFC-02 B-04UFC-04 B-04UFC-06 B-04UFC-06 B-04UFC-09 B-05UFC-04 B-06UFC-06 B-06UFC-06 B-06UFC-06 B-08UFC-06 B-08UFC-06 B-08UFC-08 B-12UFC-12 B-12UFC-12 B-16UFC-12 B-16UFC-16  UEU Union Elbow  CODE No. B-02UEU	1/8 x 1/8 1/8 x 1/4 3/16 x 1/8 1/4 x 1/8 1/4 x 1/4 1/4 x 3/8 1/4 x 1/2 5/16 x 1/8 5/16 x 1/8 3/8 x 1/8 3/8 x 1/4 3/8 x 3/8 3/8 x 1/2 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2 1/2 x 3/4 3/4 x 1/2 3/4 x 3/4 1" x 1"  TUBE 1/8	POA	B-02UMRT-02 B-04UMRT-02 B-04UMRT-04 B-05UMRT-02 B-06UMRT-04 B-06UMRT-06 B-08UMRT-06 B-08UMRT-08 B-12UMRT-12  UUT Equal Tee  CODE No. B-02UUT B-03UUT B-04UUT B-05UUT B-08UUT B-10UUT B-12UUT B-10E	1/8 x 1/8 1/4 x 1/8 1/4 x 1/8 1/4 x 1/4 5/16 x 1/8 3/8 x 1/4 3/8 x 3/8 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2 3/4 x 3/4   TUBE 1/8 3/16 1/4 5/16 3/8 1/2 5/8 3/4 1"	POA
B-02UU B-03UU B-03UU B-04UU B-05UU B-06UU B-08UU B-10UU B-12UU B-16UU  URU Reducing Union  CODE No. B-04URU-02 B-05URU-04 B-06URU-04 B-06URU-05 B-08URU-04 B-08URU-06 B-10URU-08 B-12URU-08 B-16URU-12  Most fittings	1/8 3/16 1/4 5/16 3/8 1/2 5/8 3/4 1"  TUBE TUBE 1/4 x 1/8 5/16 x 1/4 3/8 x 1/4 3/8 x 5/16 1/2 x 1/4 1/2 x 3/8 5/8 x 1/2 3/4 x 1/2 1" x 3/4  NOTE	POA	B-02UFC-02 B-02UFC-04 B-03UFC-02 B-04UFC-04 B-04UFC-06 B-04UFC-06 B-04UFC-09 B-05UFC-02 B-06UFC-04 B-06UFC-06 B-06UFC-06 B-08UFC-06 B-08UFC-08 B-08UFC-08 B-08UFC-08 B-12UFC-12 B-12UFC-12 B-16UFC-12 B-16UFC-16  UEU Union Elbow  CODE NO. B-02UEU B-03UEU	1/8 x 1/8 1/8 x 1/4 3/16 x 1/8 1/4 x 1/8 1/4 x 1/4 1/4 x 3/8 1/4 x 1/2 5/16 x 1/8 5/16 x 1/4 3/8 x 1/8 3/8 x 1/4 3/8 x 3/8 3/8 x 1/2 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2 1/2 x 1/4 1/2 x 3/4 3/4 x 1/2 3/4 x 3/4 1" x 1"  TUBE 1/8 3/16	POA	B-02UMRT-02 B-04UMRT-02 B-04UMRT-04 B-05UMRT-02 B-06UMRT-04 B-06UMRT-06 B-08UMRT-06 B-08UMRT-08 B-12UMRT-12  UUT Equal Tee  CODE No. B-02UUT B-03UUT B-04UUT B-05UUT B-08UUT B-10UUT B-12UUT B-10E	1/8 x 1/8 1/4 x 1/8 1/4 x 1/8 1/4 x 1/4 5/16 x 1/8 3/8 x 1/4 3/8 x 3/8 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2 3/4 x 3/4   TUBE 1/8 3/16 1/4 5/16 3/8 1/2 5/8 3/4	POA
B-02UU B-03UU B-03UU B-04UU B-05UU B-06UU B-08UU B-10UU B-12UU B-16UU  CODE NO. B-04URU-02 B-05URU-04 B-06URU-04 B-06URU-05 B-08URU-06 B-10URU-08 B-12URU-08 B-16URU-12  Most fittings or NPT. To	1/8 3/16 1/4 5/16 3/8 1/2 5/8 3/4 1"  TUBE TUBE 1/4 x 1/8 5/16 x 1/4 3/8 x 1/4 3/8 x 5/16 1/2 x 1/4 1/2 x 3/8 5/8 x 1/2 1" x 3/4  NOTE s are available order NPT fi	POA	B-02UFC-02 B-02UFC-04 B-03UFC-02 B-04UFC-02 B-04UFC-04 B-04UFC-06 B-04UFC-08 B-05UFC-02 B-06UFC-04 B-06UFC-06 B-08UFC-06 B-08UFC-06 B-08UFC-08 B-08UFC-08 B-12UFC-12 B-16UFC-12 B-16UFC-16  UEU Union Elbow  CODE No. B-02UEU B-03UEU B-03UEU B-04UFC-04	1/8 x 1/8 1/8 x 1/4 3/16 x 1/8 1/4 x 1/8 1/4 x 1/8 1/4 x 1/4 1/4 x 3/8 1/4 x 1/2 5/16 x 1/8 5/16 x 1/8 3/8 x 1/4 3/8 x 1/4 3/8 x 3/8 3/8 x 1/2 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2 1/2 x 3/4 3/4 x 1/2 3/4 x 3/4 1" x 1/2 1" x 1"  TUBE 1/8 3/16 1/4	POA	B-02UMRT-02 B-04UMRT-02 B-04UMRT-04 B-05UMRT-02 B-06UMRT-04 B-06UMRT-06 B-08UMRT-06 B-08UMRT-08 B-12UMRT-12  UUT Equal Tee  CODE No. B-02UUT B-03UUT B-04UUT B-05UUT B-08UUT B-10UUT B-12UUT B-10E	1/8 x 1/8 1/4 x 1/8 1/4 x 1/8 1/4 x 1/4 5/16 x 1/8 3/8 x 1/4 3/8 x 3/8 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2 3/4 x 3/4   TUBE 1/8 3/16 1/4 5/16 3/8 1/2 5/8 3/4 1"	POA
B-02UU B-03UU B-03UU B-04UU B-05UU B-06UU B-08UU B-10UU B-12UU B-16UU  CODE NO. B-04URU-02 B-05URU-04 B-06URU-04 B-06URU-05 B-08URU-04 B-08URU-06 B-10URU-08 B-12URU-08 B-12URU-08 B-16URU-12  Most fittings or NPT. To please add	1/8 3/16 1/4 5/16 3/8 1/2 5/8 3/4 1"  TUBE TUBE 1/4 x 1/8 5/16 x 1/4 3/8 x 5/16 1/2 x 1/4 1/2 x 3/8 5/8 x 1/2 3/4 x 1/2 1" x 3/4  NOTE  Sare available	POA	B-02UFC-02 B-02UFC-04 B-03UFC-02 B-04UFC-04 B-04UFC-06 B-04UFC-06 B-04UFC-09 B-05UFC-02 B-06UFC-04 B-06UFC-06 B-06UFC-06 B-08UFC-06 B-08UFC-08 B-08UFC-08 B-08UFC-08 B-12UFC-12 B-12UFC-12 B-16UFC-12 B-16UFC-16  UEU Union Elbow  CODE NO. B-02UEU B-03UEU	1/8 x 1/8 1/8 x 1/4 3/16 x 1/8 1/4 x 1/8 1/4 x 1/4 1/4 x 3/8 1/4 x 1/2 5/16 x 1/8 5/16 x 1/4 3/8 x 1/8 3/8 x 1/4 3/8 x 3/8 3/8 x 1/2 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2 1/2 x 1/4 1/2 x 3/4 3/4 x 1/2 3/4 x 3/4 1" x 1"  TUBE 1/8 3/16	POA	B-02UMRT-02 B-04UMRT-02 B-04UMRT-04 B-05UMRT-02 B-06UMRT-04 B-06UMRT-06 B-08UMRT-06 B-08UMRT-08 B-12UMRT-12  UUT Equal Tee  CODE NO. B-02UUT B-03UUT B-04UUT B-05UUT B-06UUT B-10UUT B-12UUT B-16UUT  Please Note: Ir	1/8 x 1/8 1/4 x 1/8 1/4 x 1/8 1/4 x 1/4 5/16 x 1/8 3/8 x 1/4 3/8 x 3/8 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2 3/4 x 3/4   TUBE 1/8 3/16 1/4 5/16 3/8 1/2 5/8 3/4 1"	POA

## **CATEGORY 30.7**

after the part number. e.g.

08UMC-08R would be a 1/2"

**Tube x 1/2" BSP Male Connector** 

## **PLUS 10% GST**

1/2

5/8

3/4

B-08UEU

B-10UEU

B-12UEU

B-16UEU

contact our sales office for price and

availability (normally from overseas).





CODE No.	TUBE NPT/BSP	EACH
B-02UFE-02	1/8 x 1/8	POA
B-02UFE-04	1/8 x 1/4	POA
B-03UFE-02	3/16 x 1/8	POA
B-04UFE-02	1/4 x 1/8	POA
B-04UFE-04	1/4 x 1/4	
B-06UFE-02	3/8 x 1/8	POA
B-06UFE-04	3/8 x 1/4	
B-06UFE-06	3/8 x 3/8	
B-06UFE-08	3/8 x 1/2	POA
B-08UFE-04	1/2 x 1/4	
B-08UFE-06	1/2 x 3/8	POA
B-08UFE-08	$1/2 \times 1/2$	
B-12UFE-08	3/4 x 1/2	POA
B-12UFE-12	$3/4 \times 3/4$	POA
B-16UFE-16	1" x 1"	POA

UC Tube Cap	

CODE No.	TUBE	EACH
B-02UC	1/8	POA
B-04UC	1/4	POA
B-06UC	3/8	POA
B-08UC	1/2	
B-10UC	5/8	POA
B-12UC	3/4	
B-16UC	1"	POA



CODE No.	TUBE OD T1 x T2	EACH
B-03UR-02	3/16 x 1/8	POA
B-04UR-02	1/4 x 1/8	POA
B-04UR-06	1/4 x 3/8	POA
B-04UR-08	1/4 x 1/2	
B-06UR-04	3/8 x 1/4	POA
B-06UR-08	3/8 x 1/2	POA
B-08UR-04	1/2 x 1/4	
B-08UR-06	1/2 x 3/8	POA
B-08UR-12	$1/2 \times 3/4$	POA
B-12UR-08	3/4 x 1/2	POA
B-12UR-16	3/4 x 1''	POA

<b>UBU</b>	
Bulhead U	nio



CODE No.	TUBE	EACH
B-02UBU	1/8	POA
B-03UBU	3/16	POA
B-04UBU	1/4	
B-05UBU	5/16	POA
B-06UBU	3/8	
B-08UBU	1/2	
B-10UBU	5/8	
B-12UBU	3/4	
B-16UBU	1"	POA

TUBE NPT/BSP	EACH
1/8 x 1/8	POA
1/4 x 1/8	POA
1/4 x 1/4	
1/4 x 3/8	
1/4 x 1/2	
3/8 x 1/8	POA
3/8 x 1/4	
3/8 x 3/8	
3/8 x 1/2	
1/2 x 1/4	
1/2 x 3/8	
1/2 x 1/2	
5/8 x 1/2	
3/4 x 1/2	
	1/8 x 1/8 1/4 x 1/8 1/4 x 1/4 1/4 x 3/8 1/4 x 1/2 3/8 x 1/8 3/8 x 1/4 3/8 x 3/8 3/8 x 1/2 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2 5/8 x 1/2

 $3/4 \times 3/4$ 1" x 3/4



Nut

CODE No.	TUBE	EACH
B-02UN	1/8	
B-03UN	3/16	POA
B-04UN	1/4	
B-05UN	5/16	POA
B-06UN	3/8	
B-08UN	1/2	
B-10UN	5/8	
B-12UN	3/4	
B-16UN	1"	

#### **UBFC** Female Bulkhead Union



CODE No.	TUBE NPT/BSP	EACH
B-02UBFC-02	1/8 x 1/8	POA
B-04UBFC-02	1/4 x 1/8	POA
B-04UBFC-04	1/4 x 1/4	
B-06UBFC-04	3/8 x 1/4	POA
B-08UBFC-06	1/2 x 3/8	POA
B-08UBFC-08	1/2 x 1/2	



B-12UFA-12

B-16UFA-12

**UFA** Female Adaptor



<b>UFS</b> Ferrule Set	

CODE No.	TUBE NPT/BSP	EACH
B-02UMA-02	1/8 x 1/8	POA
B-04UMA-02	1/4 x 1/8	
B-04UMA-04	1/4 x 1/4	
B-04UMA-06	1/4 x 3/8	
B-04UMA-08	1/4 x 1/2	
B-06UMA-04	3/8 x 1/4	
B-06UMA-06	3/8 x 3/8	
B-06UMA-08	3/8 x 1/2	
B-08UMA-04	1/2 x 1/4	
B-08UMA-06	1/2 x 3/8	
B-08UMA-08	1/2 x 1/2	
B-12UMA-08	$3/4 \times 1/2$	
B-12UMA-12	$3/4 \times 3/4$	
B-16UMA-16	1" x 1"	POA

**UBMC** Male Bulkhead Union



CODE No.	TUBE NPT/BSP	EACH
B-02UBMC-02	1/8 x 1/8	POA
B-04UBMC-02	1/4 x 1/8	
B-04UBMC-04	1/4 x 1/4	POA
B-06UBMC-04	3/8 x 1/4	
B-08UBMC-06	1/2 x 3/8	POA
B-08UBMC-08	1/2 x 1/2	

Please Note: Images are indicative only.

**POA** items are not stocked. Please contact our sales office for price and availability (normally from overseas).

## NOTE.

Larger sizes are available.

Please contact our sales office for price and availability.

CODE No.	TUBE	EACH
B-02UFS	1/8	
B-03UFS	3/16	POA
B-04UFS	1/4	
B-05UFS	5/16	
B-06UFS	3/8	
B-08UFS	1/2	
B-10UFS	5/8	
B-12UFS	3/4	
B-16UFS	1"	

## NOTE.

1.Most fittings are available in BSP or NPT. To order NPT fittings please add "N" after the part number. For BSP please add "R" after the part number. e.g. **08UMC-08R** would be a 1/2" Tube x 1/2" BSP Male Connector.

2. Not all Brass Twin Ferrule fittings are stocked.

**PLUS 10% GST** 

**CATEGORY 30.8** 

## **UNI-LOK PIPE FITTINGS**



#### Reducing Bush CODE No. SIZE **EACH** PRB-04-02N-SS 1/4 X 1/8 NPT PRB-04-02R-SS 1/4 X 1/8 BSP PRB-06-02N-SS 3/8 X 1/8 NPT PRB-06-02R-SS 3/8 X 1/8 BSP PRB-06-04N-SS 3/8 X 1/4 NPT PRB-06-04R-SS 3/8 X 1/4 BSP 1/2 X 1/4 NPT 1/2 X 1/4 BSP PRB-08-04N-SS PRB-08-04R-SS PRB-08-06N-SS 1/2 X 3/8 NPT 1/2 X 3/8 BSP PRB-08-06R-SS PRB-12-06N-SS 3/4 X 3/8 NPT PRB-12-06R-SS 3/4 X 3/8 BSP PRB-12-08N-SS 3/4 X 1/2 NPT 3/4 X 1/2 BSP 1" X 1/2 NPT 1" X 1/2 BSP 1" X 3/4 NPT PRB-12-08R-SS PRB-16-08N-SS PRB-16-08R-SS

No. PRB

PRB-16-12N-SS

PRB-16-12R-SS

BSP NPT BSP	

<b>No. PSE</b> MxF Elbow		
CORF H-	0175	

1" X 3/4

		-
CODE No.	SIZE	EACH
PSE-02N-SS	1/8 NPT	
PSE-02R-SS	1/8 BSP	
PSE-04N-SS	1/4 NPT	
PSE-04R-SS	1/4 BSP	
PSE-06N-SS	3/8 NPT	
PSE-06R-SS	3/8 BSP	
PSE-08N-SS	1/2 NPT	
PSE-08R-SS	1/2 BSP	
PSE-12N-SS	3/4 NPT	
PSE-12R-SS	3/4 BSP	
PSE-16N-SS	1'' NPT	
PSE-16R-SS	1" BSP	

No. PC Socket			
CODE No.	SIZE	EACH	
PC-02N-SS	1/8 NPT		
PC-02R-SS	1/8 BSP		
PC-04N-SS	1/4 NPT		

1 C-10K-55	1 1001
PC-16R-SS	1" BSP
PC-16N-SS	1" NPT
PC-12R-SS	3/4 BSP
PC-12N-SS	3/4 NPT
PC-08R-SS	1/2 BSP
PC-08N-SS	1/2 NPT
PC-06R-SS	3/8 BSP
PC-06N-SS	3/8 NPT
PC-04R-SS	1/4 BSP
PC-04N-SS	1/4 NPT
PC-02R-SS	1/8 BSP
PC-02N-SS	1/8 NPT
	-

No. PHN Hex Nipple	G SERVICE OF THE PROPERTY OF T	
CODE No.	SIZE	EACH
PHN-02N-SS	1/8 NPT	
PHN-02R-SS	1/8 BSP	
PHN-04N-SS	1/4 NPT	
PHN-04R-SS	1/4 BSP	
PHN-06N-SS	3/8 NPT	
PHN-06R-SS	3/8 BSP	
PHN-08N-SS	1/2 NPT	
PHN-08R-SS	1/2 BSP	
PHN-12N-SS	3/4 NPT	
PHN-12R-SS	3/4 BSP	
PHN-16N-SS	1" NPT	
PHN-16R-SS	1'' BSP	

No. PCP	
Cap	

CODE No.	SIZE	EACH
PCP-02N-SS	1/8 NPT	
PCP-02R-SS	1/8 BSP	
PCP-04N-SS	1/4 NPT	
PCP-04R-SS	1/4 BSP	
PCP-06N-SS	3/8 NPT	
PCP-06R-SS	3/8 BSP	
PCP-08N-SS	1/2 NPT	
PCP-08R-SS	1/2 BSP	
PCP-12N-SS	3/4 NPT	
PCP-12R-SS	3/4 BSP	
PCP-16N-SS	1" NPT	
PCP-16R-SS	1'' BSP	

No. PFE

Female

No. PFT

Female Tee

Elbow		
CODE No.	SIZE	EACH
PFE-02N-SS	1/8 NPT	
PFE-02R-SS	1/8 BSP	
PFE-04N-SS	1/4 NPT	
PFE-04R-SS	1/4 BSP	
PFE-06N-SS	3/8 NPT	
PFE-06R-SS	3/8 BSP	
PFE-08N-SS	1/2NPT	
PFE-08R-SS	1/2 BSP	
PFE-12N-SS	3/4 NPT	
PFE-12R-SS	3/4 BSP	
PFE-16N-SS	1'' NPT	
PEF-16R-SS	1'' BSP	

		415
CODE No.	SIZE	EACH
PFT-02N-SS	1/8 NPT	
PFT-02R-SS	1/8 BSP	
PFT-04N-SS	1/4 NPT	
PFT-04R-SS	1/4 BSP	
PFT-06N-SS	3/8 NPT	
PFT-06R-SS	3/8 BSP	
PFT-08N-SS	1/2 NPT	
PFT-08R-SS	1/2 BSP	
PFT-12N-SS	3/4 NPT	
PFT-12R-SS	3/4 BSP	
PFT-16N-SS	1" NPT	
PFT-16R-SS	1" BSP	

<b>No. PPG</b> Hex Plug			
CODE No.	SIZE	EACH	
PPG-02N-SS	1/8 NPT	5.08	
PPG-02R-SS	1/8 BSP		
PPG-04N-SS	1/4 NPT		
PPG-04R-SS	1/4 BSP		
PPG-06N-SS	3/8 NPT		
PPG-06R-SS	3/8 BSP		
PPG-08N-SS	1/2 NPT		
PPG-08R-SS	1/2 BSP		
PPG-12N-SS	3/4 NPT		

Brass is available but not normally stocked. Please contact IFS for price and availability

3/4 BSP 1" NPT

1" BSP

Working Pressure Psi												
BSP or NPT	1/8M	1/8F	1/4M	1/4F	3/8M	3/8F	1/2M	1/2F	3/4M	3/4F	1"M	1"F
S/Steel	9400	6100	7500	6200	7300	5000	7200	4800	6800	4300	5000	4100
Brass	5000	3200	4000	3300	3900	2600	3800	2400	3600	2300	2600	2200

PPG-12N-SS

PPG-12R-SS PPG-16N-SS



CODE No.	SIZE	EACH
PHRN-04-02N-SS	1/4 X 1/8 NPT	
PHRN-04-02R-SS	1/4 X 1/8 BSP	
PHRN-06-04N-SS	3/8 X 1/4 NPT	
PHRN-06-04R-SS	3/8 X 1/4 BSP	
PHRN-08-04N-SS	1/2 X 1/4 NPT	
PHRN-08-04R-SS	1/2 X 1/4 BSP	
PHRN-08-06N-SS	1/2 X 3/8 NPT	
PHRN-08-06R-SS	1/2 X 3/8 BSP	
PHRN-12-06N-SS	3/4 X 3/8 NPT	
PHRN-12-08N-SS	3/4 X 1/2 NPT	
PHRN-12-08R-SS	3/4 X 1/2 BSP	
PHRN-16-08N-SS	1" X 1/2 NPT	
PHRN-16-08R-SS	1" X 1/2 BSP	
PHRN-16-12N-SS	1" X 3/4 NPT	
PHRN-16-12R-SS	1" X 3/4 BSP	

EACH	Male Elbow		
	PME-02N-SS PME-02R-SS PME-04N-SS PME-04R-SS PME-06N-SS PME-06R-SS PME-08N-SS PME-08R-SS		

No. PMT

Branch Tee

CODE No.	SIZE	EACH
PME-02N-SS	1/8 NPT	
PME-02R-SS	1/8 BSP	
PME-04N-SS	1/4 NPT	
PME-04R-SS	1/4 BSP	
PME-06N-SS	3/8 NPT	
PME-06R-SS	3/8 BSP	
PME-08N-SS	1/2 NPT	
PME-08R-SS	1/2 BSP	
	ANIMANA	

Male Tee	***************************************	III.
CODE No.	SIZE	EACH
PMT-02N-SS	1/8 NPT	
PMT-02R-SS	1/8 BSP	
PMT-04N-SS	1/4 NPT	
PMT-04R-SS	1/4 BSP	
PMT-06N-SS	3/8 NPT	
PMT-06R-SS	3/8 BSP	
PMT-08N-SS	1/2 NPT	

No. PBT	
PMT-08R-SS	1/2 BSP
PMT-08N-SS	1/2 NPT
PMT-06R-SS	3/8 BSP
PMT-06N-SS	3/8 NPT
PMT-04R-SS	1/4 BSP
PMT-04N-SS	1/4 NPT
PMT-02R-SS	1/8 BSP
PM1-02N-SS	1/8 NP1

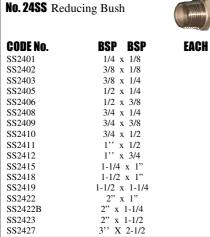
CODE No.	SIZE	EACH
PBT-02N-SS	1/8 NPT	
PBT-02R-SS	1/8 BSP	
PBT-04N-SS	1/4 NPT	
PBT-04R-SS	1/4 BSP	
PBT-06N-SS	3/8 NPT	
PBT-06R-SS	3/8 BSP	
PBT-08N-SS	1/2 NPT	
PBT-08R-SS	1/2 BSP	
PBT-12N-SS	3/4 NPT	
PBT-12R-SS	3/4 BSP	

No. PRC Reducing Socket	
PBT-12R-SS	3/4 BSP
PBT-12N-SS	3/4 NPT
PBT-08R-SS	1/2 BSP
PBT-08N-SS	1/2 NPT

CODE No.	SIZE	EACH
PRC-04-02N-SS	1/4 X 1/8 NPT	
PRC-04-02R-SS	1/4 X 1/8 BSP	
PRC-06-04N-SS	3/8 X 1/4 NPT	
PRC-06-04R-SS	3/8 X 1/4 BSP	
PRC-08-04N-SS	1/2 X 1/4 NPT	
PRC-08-04R-SS	1/2 X 1/4 BSP	
PRC-08-06N-SS	1/2 X 3/8 NPT	
PRC-08-06R-SS	1/2 X 3/8 BSP	
PRC-12-08N-SS	3/4 X 1/2 NPT	
PRC-12-08R-SS	3/4 X 1/2 BSP	
PRC-16-12N-SS	1" X 3/4 NPT	
PRC-16-12R-SS	1" X 3/4 BSP	

**CATEGORY 30.9** 

## **BSP 316 STAINLESS STEEL FITTINGS**



SS2427	3'' X 2-1/2	
No. 25SS 90 Deg MxF Elbow		
CODE No.	BSP	EACH
SS2501	1/8	11.75
SS2503	1/4	
SS2505	3/8	
SS2507	1/2	
SS2509	3/4	
SS2511	1"	
SS2513	1-1/4	
SS2514	1-1/2	
SS2516	2"	
SS2518	3"	

No. 2588 45 Deg MxF Elbow		
CODE No.	BSP	EACH
SS2509-45	3/4"	
SS2511-45	1"	
SS2514-45	1-1/2	
SS2516-45	2"	
SS2517-45	2-1/2	
SS2518-45	3''	
<b>No. 26SS</b> Round	Socket	

NO. 2655	Round Socket	
CODE No.	BSP	EACH
SS2601	1/8	
SS2602	1/4	
SS2603	3/8	
SS2604	1/2	
SS2605	3/4	
SS2606	1"	
SS2607	1-1/4	
SS2608	1-1/2	
SS2609	2"	

No. 27SS	Hex Nipple	
CODE No.	BSP	EACH
SS2701	1/8	3.82
SS2702	1/4	3.82
SS2703	3/8	4.50
SS2704	1/2	6.30
SS2705	3/4	7.68
SS2706	1''	10.40
SS2707	1-1/4	13.90
SS2708	1-1/2	16.40
SS2709	2"	24.70
· · · · · · · · · · · · · · · · · · ·	·	-

No. 29SS	Reducing Socket	
CODE No.	<b>BSP</b>	EACH
SS2902	1/4 x 1/8 3/8 x 1/8	
SS2903 SS2904 SS2905	3/8 x 1/4 1/2 x 1/4	
SS2905 SS2907 SS2908	1/2 x 3/8 3/4 x 1/2 1'' x 3/4	
SS2908 SS2915	1 x 3/4 2" x 1-1/2	

No. 33SS	-	
BSP Cap	,	
CODE No.	BSP	EACH
SS3302	1/4	
SS3303	3/8	
SS3304	1/2	
SS3305	3/4	
SS3306	1''	
SS3307	1-1/4	
SS3308	1-1/2	
SS3309	2"	

90 Degree	•	
CODE No.	BSP	EACH
SS3401	1/8	
SS3402	1/4	
SS3403	3/8	
SS3404	1/2	
SS3405	3/4	
SS3406	1''	
SS3407	1-1/4	
SS3408	1-1/2	
SS3409	2"	

No. 34SS

333409		
No. 34SS		
Female Elbows		
45 Degree		
CODE No.	BSP	EACH
SS3404-45	1/2" 45 Deg	
SS3405-45	3/4'' 45 Deg	
SS3406-45	1'' 45 Deg	
SS3408-45	11/2" 45 Deg	
SS3409-45	2" 45 Deg	

<b>No. 35SS</b> Female Tee	ee	
CODE No.	BSP	EACH
SS3501	1/8	
SS3502	1/4	
SS3503	3/8	
SS3504	1/2	
SS3505	3/4	
SS3506	1''	
SS3507	1-1/4	
SS3508	1-1/2	
SS3509	2"	

No. 64SS Hex Plug		
CODE No.	BSP	EACH
SS6401	1/8	
SS6402	1/4	
SS6403	3/8	
SS6404	1/2	
SS6405	3/4	
SS6406	1''	
SS6407	1-1/4	
SS6408	1-1/2	
SS6409	2"	

F&M Adaptor			
	CODE No.	<b>FEMALE X MALE</b>	EACH
	SS7201	1/8 X 1/8	
	SS7202	1/8 X 1/8 X 11/2	
	SS7203	1/4 X 1/8	
	SS7204	1/4 X 1/4	
	SS7205	3/8 X 1/8	
	SS7206	3/8 X 1/4	
	SS7207	3/8 X 3/8	
	SS7208	1/2 X 1/4	
	SS7209	1/2 X 3/8	
	SS7210	1/2 X 1/2	
	SS7211	3/4 X 1/2	
	SS7212	3/4 X 3/4	
	SS7213	1" X 1/2	
	SS7214	1" X 3/4	

No. 72SS

## **No.73SS**Reducing Nipple

		Charles Co.
CODE No.	BSP BSP	EACH
SS7301	1/4 x 1/8	
SS7302	3/8 x 1/8	
SS7303	3/8 x 1/4	
SS7304	1/2 x 1/4	
SS7305	1/2 x 3/8	
SS7306	3/4 x 3/8	
SS7307	3/4 x 1/2	
SS7308	1'' x 1/2	
SS7309	1'' x 3/4	
SS7311	1-1/4 x 1"	
SS7312	1-1/2 x 1"	
SS7313	1-1/2 x 1-1/4	
SS7314	2" x 1"	
SS7315	2" x 1-1/4	
SS7318	2" x 1-1/2	

## **No. 85\$\$**Female Barrel Union

No. P3SS



CODE No.	BSP	EACH
SS8502	1/4	
SS8503	3/8	
SS8504	1/2	
SS8505	3/4	
SS8506	1''	
SS8507	1-1/4	
SS8508	1-1/2	
SS8509	2"	

No. ATSS SS Allthread		
CODE NO	DCD	EVUN

CODE No.	BSP	EACH
SSAT0806	1/2" X 6" long	
SSAT1206	3/4" X 6" long	

Male Tailpiece	Constant of	HUNI
CODE No.	HOSE BSP E	ACH
SSP30402	1/4 x 1/8	
SSP30404	1/4 x 1/4	
SSP30504	5/16 x 1/4	
SSP30604	3/8 x 1/4	
SSP30606	3/8 x 3/8	
SSP30608	3/8 x 1/2	
SSP30804	1/2 x 1/4	
SSP30806	1/2 x 3/8	
SSP30808	1/2 x 1/2	
SSP30812	1/2 x 3/4	
SSP31208	3/4 x 1/2	
SSP31212	3/4 x 3/4	
SSP31616	1" x 1"	
SSP32020	11/4 X 11/4	
SSP32424	11/2 X 11/2	
SSP33232	2" X 2"	
SSP34040	21/2 X 21/2	
SSP34848	3" X 3"	

<b>No. P7SS</b> Barb Joiner		
CODE No.	SIZE	EACH
SSP704	1/4	
SSP706	3/8	
SSP708	1/2	
SSP712	3/4	
SSP716	1''	
SSP720	1-1/4	
SSP724	1-1/2	
SSP732	2"	

WORKING PRESSURE 200 PSI @ 20Deg c

**PLUS 10% GST** 

**CATEGORY 31.1** 

## **BRASS METRIC COMPRESSION**



#### No. M100 Metric Olive



CODE No.	TUBE	EACH
M10004	4mm	
M10005	5mm	
M10006	6mm	
M10008	8mm	
M10010	10mm	
M10012	12mm	
M10014	14mm	
M10015	15mm	
M10016	16mm	

lo. M2			
Metric (	Comp. 1	Nut	



CODE No.	TUBE	EACH
M204	4mm	
M205	5mm	
M206	6mm	
M208	8mm	
M210	10mm	
M212	12mm	
M214	14mm	
M215	15mm	
M216	16mm	

**No. M3**Metric Male Conn.



CODE No.	TUBE BSP	EACH
M30402	4mm x 1/8	
M30502	5mm x 1/8	
M30504	5mm x 1/4	
M30602	6mm x 1/8	
M30604	6mm x 1/4	
M30606	6mm x 3/8	
M30802	8mm x 1/8	
M30804	8mm x 1/4	
M30806	8mm x 3/8	
M31002	10mm x 1/8	
M31004	10mm x 1/4	
M31006	10mm x 3/8	
M31008	10mm x 1/2	
M31204	12mm x 1/4	
M31206	12mm x 3/8	
M31208	12mm x 1/2	
M31404	14mm x 1/4	
M31406	14mm x 3/8	
M31408	14mm x 1/2	
M31506	15mm x 3/8	
M31508	15mm x 1/2	
M31604	16mm x 1/4	
M31606	16mm x 3/8	
M31608	16mm x 1/2	
M31612	16mm x 3/4	

<b>No. M4</b> Metric Joiner	0/=	
CODE No.	TUBE	EACH
M404	4mm	
M405	5mm	
M406	6mm	
M408	8mm	
M410	10mm	
M412	12mm	
M414	14mm	

15 mm

16mm

M415

M416





CODE No.	TUBE BSP	EAC
M50402	4mm x 1/8	
M50404	4mm x 1/4	
M50502	5mm x 1/8	
M50504	5mm x 1/4	
M50602	6mm x 1/8	
M50604	6mm x 1/4	
M50802	8mm x 1/8	
M50804	8mm x 1/4	
M50806	8mm x 3/8	
M51004	10mm x 1/4	
M51006	10mm x 3/8	
M51008	10mm x 1/2	
M51204	12mm x 1/4	
M51206	12mm x 3/8	
M51208	12mm x 1/2	
M51406	14mm x 3/8	
M51408	14mm x 1/2	
M51506	15mm x 3/8	
M51508	15mm x 1/2	

No. M10
Metric Female
Connector



CODE No.	TUBE BSP	EACH
M100402	4mm x 1/8	
M100404	4mm x 1/4	
M100502	5mm x 1/8	
M100504	5mm x 1/4	
M100602	6mm x 1/8	
M100604	6mm x 1/4	
M100606	6mm x 3/8	
M100802	8mm x 1/8	
M100804	8mm x 1/4	
M100806	8mm x 3/8	
M101004	10mm x 1/4	
M101006	10mm x 3/8	
M101008	10mm x 1/2	
M101204	12mm x 1/4	
M101206	12mm x 3/8	
M101208	12mm x 1/2	
M101408	14mm x 1/2	
M101508	15mm x 1/2	
M101608	16mm x 1/2	

No. M11	
Metric Tube	
Elbow	



CODE No.	TUBE	EACH
M1104	4mm	
M1105	5mm	
M1106	6mm	
M1108	8mm	
M1110	10mm	
M1112	12mm	
M1114	14mm	
M1115	15mm	

#### THREADS USED ON COMPRESSION END

TUBE	MM Pitch	TUBE	MM Pitch
4	8 x 1	5	10 X 1
6	10 x 1	8	12 X 1
10	16 X 1.5	12	18 X 1.5
14	20 X 1.5	15	20 X 1.5
16	22 X 1.5		

No. M12 Metric Male Branch Tee



CODE No.	TUBE BSP	EACH
M120402	4mm x 1/8	
M120502	5mm x 1/8	
M120602	6mm x 1/8	
M120604	6mm x 1/4	
M120802	8mm x 1/8	
M120804	8mm x 1/4	
M120806	8mm x 3/8	
M121004	10mm x 1/4	
M121006	10mm x 3/8	
M121204	12mm x 1/4	
M121206	12mm x 3/8	
M121406	14mm x 3/8	
M121408	14mm x 1/2	

No. M13 Metric Male Run Tee



CODE No.	TUBE BSP	EACH
M130402	4mm x 1/8	
M130502	5mm x 1/8	
M130602	6mm x 1/8	
M130604	6mm x 1/4	
M130802	8mm x 1/8	
M130804	8mm x 1/4	
M130806	8mm x 3/8	
M131004	10mm x 1/4	
M131006	10mm x 3/8	
M131204	12mm x 1/4	
M131206	12mm x 3/8	
M131406	14mm x 3/8	
M131408	14mm x 1/2	

**No. M14** Metric Compression Tee



CODE No.	TUBE X 3	EACH
M1404	4mm	
M1405	5mm	
M1406	6mm	
M1408	8mm	
M1410	10mm	
M1412	12mm	
M1414	14mm	
M1415	15mm	

No. M99 Spigot for Std & Airbrake Nylon Tube



CODE No.	Tube Tube OD ID	EAC
	STANDARD	
M9906	6mm x 4mm	
M9908	8mm x 5.2mm	
M9910	10mm x 6.6mm	
M9912	12mm x 8mm	
M9914	14mm x 10.14	
	AIRBRAKE	

M9906	6mm x 4mm
M9908AB	8mm x 6mm
M9910AB	10mm x 7.5mm
M9912AB	12mm x 9mm
M9915AB	15mm x 12mm
M9916AB	16mm x 12mm

**PLUS 10% GST** 

**CATEGORY 32.1** 



## METRIC SCREWED FITTINGS

**IFS** 

## METRIC X BSP/NPT ADAPTORS

All metric threads are 1.5mm pitch and are parallel

#### No. 24M

Male METRIC x FBSP Reducing Bush



CODE No.	Male	Fe	emale	EACH
	METRIC		BSP	
24M1402	M14	X	1/8	
24M1602	M16	X	1/8	
24M1804	M18	X	1/4	
24M2004	M20	X	1/4	
24M2204	M22	X	1/4	
24M2206	M22	X	3/8	
24M2406	M24	X	3/8	

#### No. 24M (NPT)

Male METRIC x FNPT Reducing Bush



CODE No.	Male Fo	emale	EACH
	METRIC	NPT	
24M1402N	M14 x	1/8	
24M1602N	M16 x	1/8	
24M1804N	M18 x	1/4	
24M2004N	M20 x	1/4	
24M2204N	M22 x	1/4	
24M2206N	M22 x	3/8	
24M2406N	M24 x	3/8	

#### No. 24M (NPT)

Female METRIC X MNPT Reducing Bush



CODE No.	Female METRIC		EACH
24M-N12M22	M22 x	3/4	

## No. 26M

Metric Socket



CODE No.	<b>Metric Thread</b>	EACH
26M12	M12	
26M14	M14	
26M16	M16	
26M18	M18	
26M22	M22	

#### No. 29M

METRIC x BSP Hex Reducing Socket



CODE No.	Fema METR			EACH
29M1204	M12	X	1/4	
29M1404	M14	X	1/4	
29M1604	M16	X	1/4	
29M1806	M18	X	3/8	
29M2006	M20	X	3/8	
29M2206	M22	v	3/8	

## No. 29M (NPT)

METRIC x BSP Hex Reducing Socket

CODE No.	Fema Metri		Female NPT	EACH
29M1204N	M12	X	1/4	
29M1404N	M14	X	1/4	
29M1604N	M16	X	1/4	
29M1806N	M18	X	3/8	
29M2006N	M20	X	3/8	
29M2206N	M22	x	3/8	

## No. 64M

Metric Plug



CODE No.	<b>Metric Thread</b>	EACH
64M12	M12	
64M14	M14	
64M16	M16	
64M18	M18	
64M20	M20	
64M22	M22	
64M24	M24	

#### No. 72FM

Male BSP x Female METRIC



CODE No.	Male BSP		Female Metric	EACH
72FM1002	1/8	X	M10	
72FM1606	3/8	X	M16	
72FM1806	3/8	X	M18	
72FM1808	1/2	X	M18	
72FM2006	3/8	X	M20	
72FM2008	1/2	X	M20	

#### No. 72FM

Male NPT x Female METRIC



CODE No.	Male NPT		Female Metric	EACH
72FM1606N	3/8	X	M16	
72FM2006N	3/8	X	M20	
72FM2206N	3/8	X	M22	

#### No. 72M

Male METRIC x FBSP Adaptor



CODE No.	Male	ı	emale	EACH
	METRIC	C	BSP	
72M1002	M10	X	1/8	
72M1202	M12	X	1/8	
72M1204	M12	X	1/4	
72M1404	M14	X	1/4	
72M1604	M16	X	1/4	
72M1606	M16	X	3/8	

#### No. 72M

Male METRIC x FNPT Adaptor



CODE No.	Male Metric	Female NPT	EACH
72M1202N	M12	x 1/8	
72M1204N	M12	x 1/4	
72M1404N	M14	x 1/4	
72M1604N	M16	x 1/4	
72M1606N	M16	x 3/8	

#### No. 73M

METRIC x BSP Reducing Nipple



CODE No.	Male Male Metric BSP	EACH
73M1002 73M1202 73M1204 73M1404 73M1604 73M1804 73M2004	M10 x 1/8 M12 x 1/8 M12 x 1/4 M14 x 1/4 M16 x 1/4 M18 x 1/4 M20 x 1/4	
73M2006	M20 x 3/8	

## No. 73M

METRIC x NPT Reducing Nipple



GUDE NO.	Maie	-	Maie	EAUH
	METRIC		NPT	
73M1202N	M12	X	1/8	
73M1204N	M12	X	1/4	
73M1404N	M14	X	1/4	
73M1604N	M16	X	1/4	
73M1804N	M18	X	1/4	
73M2004N	M20	X	1/4	
73M2206N	M22	X	3/8	
73M2406N	M24	X	3/8	

## NOTE: BSP to Metric Thread Grease Nipple Adaptors are also shown in Category 12.1

**Part No 12-51945** 1/8FBSP X 6mm x 1mm pitch Male G/N Brass Adaptor.

**Part No 12-51946** 1/8 FBSP X 8mm x 1mm pitch Male G/N Brass Adaptor.





## **CATEGORY 32.2**

## RBRAKE COUPLINGS & ADAPTORS



#### **FEMALE COUPLING - NON SEALING**

<b>CODE No</b>	SIZE	EACH
CA93-86	1/4 NPS Female	
CA93-82	3/8 NPS Female	
CA93-87	1/2 NPS Female	

#### **FEMALE COUPLING - SEALING**

**EACH** 

**EACH** 

EACH

**EACH** 

CODE NO	SIZE
CA93-33	1/4 NPS Female
CA93-34	3/8 NPS Female
CA93-35	1/2 NPS Female



#### **FEMALE ADAPTOR - NON SEALING**

CODE No	SIZE
CA93-21	1/4 NPS Female
CA93-22	3/8 NPS Female
CA93-23	1/2 NPS Female



#### **FEMALE ADAPTOR - SEALING**

<b>CODE No</b>	SIZE
CA93-88	1/4 NPS Female
CA93-89	3/8 NPS Female
CA93-90	1/2 NPS Female



**CODE No** 

CA93-81 FITS ADAPTORS



**DUST COVER** 

ZE	EACH



#### **BULKHEAD BRACKETS**

**CODE No** A420

SIZE

1/2 NPT Female



#### **MALE COUPLING - NON SEALING**

<b>CODE No</b>	SIZE	EACH
CA93-83	1/4 NPT Male	
CA93-84	3/8 NPT Male	
CA93-85	1/2 NPT Male	

#### **MALE COUPLING - SEALING**

CODE No	SIZE
CA93-30	1/4 NPT Male
CA93-31	3/8 NPT Male
CA93-32	1/2 NPT Male



CODE No	SIZE
CA93-18	1/4 NPT Male
CA93-19	3/8 NPT Male
CA93-20	1/2 NPT Male



## FACH

**EACH** 

EACH

**EACH** 

OILL	LAC
1/4 NPT Male	
3/8 NPT Male	
1/2 NPT Male	



#### **MALE ADAPTOR - SEALING**

CODE No	SIZE	EACH
CA93-91	1/4 NPT Male	
CA93-92	3/8 NPT Male	
CA02 02	1/2 NDT Molo	



#### **DEAD-END FEMALE**

<b>CODE No</b>	SIZE
CA93-97	FITS ADAPTORS



GH-EME GH-SER

#### **GLAD HAND COUPLINGS**

CODE No	SIZE	
GH-EME	1/2 NPT Emergency	
GH-SER	1/2 NPT Service	
GH-SEAL	Seal	

AIRBRAKE NYLON — WITH AF104-6 NUT & AF103-6 or 6R FERRULE.

END TAKES 3/8



#### **BULKHEAD COUPLING**

<b>CODE No</b>	SIZE	EACH
CA93-112	1/2 NPT Male Non Sealing	
CA93-117	1/2 NPT Male Sealing	

END TAKES 3/8 AIRBRAKE NYLON WITH AF104-6 NUT &



#### **BULKHEAD ADAPTOR - NON SEALING**

<b>CODE No</b>	SIZE	EACH
CA93-109	1/2 NPT Male	



#### **BARBED ADAPTOR - NON SEALING**

<b>CODE No</b>	SIZE	EACH
CA93-29	1/4 Barb	
CA93-08	3/8 Barb	
CA93-14	1/2 Barb	



**DUST PLUG** & CHAIN **ASSEMBLY** 

**EACH CODE No** SIZE CA93-79 FITS COUPLERS



#### **DEAD-END MALE**

<b>CODE No</b>	SIZE	EACH
CA93-99	FITS COUPLERS	





**CODE No** SIZE **EACH** QRK1 Spring, Valve & Washer

NOTE: SEALING COUPLINGS MUST NOT BE USED WITH SEALING **ADAPTORS** 

## PARKER AIRBRAKE COUPLINGS

The Airbrake Adaptors shown above also suit these couplings.



**CODE No.** 33-24C 33-24F 33-25C 33-25 33-25F

**DESCRIPTION** 1/4 NPT Male Coupling 1/2 NPT Male Coupling 1/4 NPT Female Coupling 3/8 NPT Female Coupling 1/2 NPT Female Coupling

**EACH** 



**PLUS 10% GST** 

**CATEGORY 33.1** 

## IRBRAKE FITTINGS - NITEX STYLE

#### No. AF103

Ferrule (For Nylon Only)



CODE No.	SUITS TUBE O.D	EACH
AF103-3	3/16	
AF103-4	1/4	
AF103-5	5/16	
AF103-6	3/8	
AF103-6R	3/8	
AF103-8	1/2	

NOTE: AF103-6 is for Single Wall tube and AF103-6R is for Braided **Tube** 

No. AF1	104
Tube l	Nut



CODE No.	SUITS TUBE O.D	EACH
AF104-3	3/16	
AF104-4	1/4	
AF104-5	5/16	
AF104-6	3/8	
AF104-8	1/2	

## No. AF100 **Tube Connector**



CODE No.	SUITS TUBE O.D	EACH
AF100-3	3/16	
AF100-4	1/4	
AF100-5	5/16	
AF100-6	3/8	
AF100-8	1/2	

## No. AF105

Tube Adaptor



CODE No.	TUBE NPT	EACH
AF105-3-2	3/16 x 1/8	
AF105-3-4	3/16 x 1/4	
AF105-4-2	1/4 x 1/8	
AF105-4-4	1/4 x 1/4	
AF105-5-2	5/16 x 1/8	
AF105-5-4	5/16 x 1/4	
AF105-6-2	3/8 x 1/8	
AF105-6-4	3/8 x 1/4	
AF105-6-6	3/8 x 3/8	
AF105-6-8	3/8 x 1/2	
AF105-8-4	1/2 x 1/4	
AF105-8-6	1/2 x 3/8	
AF105-8-8	1/2 x 1/2	
The state of the s	<u> </u>	<u> </u>

#### No. AF108 Male Elbow

AF108-8-6

AF108-8-8



		-
CODE No.	TUBE NPT	EAC
AF108-3-2	3/16 x 1/8	
AF108-3-4	3/16 x 1/4	
AF108-4-2	1/4 x 1/8	
AF108-4-4	1/4 x 1/4	
AF108-5-2	5/16 x 1/8	
AF108-5-4	5/16 x 1/4	
AF108-6-2	3/8 x 1/8	
AF108-6-4	3/8 x 1/4	
AF108-6-6	3/8 x 3/8	
AF108-6-8	3/8 x 1/2	
AF108-8-4	$1/2 \times 1/4$	

## No. AF110

Tube Tee



CODE No.	SUITS TUBE O.D	EACH
AF110-3	3/16	
AF110-4	1/4	
AF110-5	5/16	
AF110-6	3/8	
AF110-8	1/2	

## No. AF111 Male Branch Tee



CODE No.	TUBE NPT	EACH
AF111-3-2	3/16 x 1/8	
AF111-5-4	5/16 x 1/4	
AF111-6-4	3/8 x 1/4	
AF111-8-4	1/2 x 1/4	
AF111-8-6	1/2 x 3/8	

#### No. AF112 Male Run Tee



CODE No.	TUBE NPT	EACH
AF112-3-2	3/16 x 1/8	
AF112-4-2	1/4 x 1/8	
AF112-5-4	5/16 x 1/4	
AF112-6-4	3/8 x 1/4	
AF112-8-6	1/2 x 3/8	

**NOTE:** THE ABOVE FITTINGS DO NOT INCLUDE NUTS OR FERRULES. PLEASE ORDER THESE SEPARATELY. (AF103 & AF104)

1/2 x 3/8

 $1/2 \times 1/2$ 

## **DUOMATIC & TRIMATIC AIRBRAKE COUPLINGS**



## **DUOMATIC MALE \$ CODE No 33-DMC**

c/w 3/8 Barbs (or 1/4 FNPT when unscrewed)

## **DUOMATIC FEMALE S CODE No 33-DFC**

M22 x 1.5mm Male x 1/4 FNPT bulkheads.

These truck & tractor couplings allow for quick connection in one safe and convenient action.



## TRIMATIC MALE \$ **CODE No 33-TMC**

c/w 3/8 Barbs (or 1/4 FNPT when unscrewed)

## TRIMATIC FEMALE \$ CODE No 33-TFC

M22 x 1.5mm Male x 1/4 FNPT bulkheads.

## **HEAVY DUTY TRUCK POGO STICKS**

Suitable for the support of cable, tube and hose on trucks and other heavy equipment.



#### **CODE No.** 33-PSHD

33-PSHDCP

#### **DESCRIPTION**

Heavy Duty Pogo Stick Cadmium Plated Heavy Duty Pogo Stick Chrome Plated

EACH



## **CATEGORY 33.2**

## **BRASS AIRBRAKE FITTINGS - "W" STYLE**



TUBE	EACH
1/4	
3/8	
1/2	
5/8	
3/4	
	1/4 3/8 1/2 5/8

No. 200BF Nut	
Nut	

CODE No.	TUBE	EACH
W203	1/4	
W205	3/8	
W207	1/2	
W208	5/8	
W209	3/4	

No. 300BF Male Connector		
CODE No. W304	<b>TUBE NPT</b> 1/4 x 1/8	EACH

TUBE NPT	EACH
1/4 x 1/8	
1/4 x 1/4	
1/4 x 3/8	
3/8 x 1/8	
3/8 x 1/4	
3/8 x 3/8	
3/8 x 1/2	
1/2 x 1/4	
1/2 x 3/8	
1/2 x 1/2	
5/8 x 3/8	
5/8 x 1/2	
3/4 x 1/2	
$3/4 \times 3/4$	
	1/4 x 1/8 1/4 x 1/4 1/4 x 3/8 3/8 x 1/8 3/8 x 1/4 3/8 x 3/8 3/8 x 1/2 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2 5/8 x 3/8 5/8 x 1/2 3/4 x 1/2



CODE No.	TUBE	EACH
W403	1/4	
W405	3/8	
W406	1/2	
W407	5/8	
W408	3/4	

<b>No. 500BF 45°</b> Male Elbow 45	5°	
CODE No.	TIIRE NPT	FΔCH

CODE No.	TUBE	NPT	EACH
W512-45	3/8 x	1/4	
W513-45	3/8 x	3/8	
W516-45	1/2 x	3/8	
W517-45	1/2 x	1/2	
W521-45	5/8 x	1/2	



CODE No.	TUBE NPT	EACH
W504	1/4 x 1/8	
W505	1/4 x 1/4	
W506	1/4 x 3/8	
W511	3/8 x 1/8	
W512	3/8 x 1/4	
W513	3/8 x 3/8	
W514	3/8 x 1/2	
W515	1/2 x 1/4	
W516	1/2 x 3/8	
W517	1/2 x 1/2	
W520	5/8 x 3/8	
W521	5/8 x 1/2	
W530	$3/4 \times 3/4$	

Connector			
CODE No.	TUBE NPT	EACH	
W1004	1/4 x 1/8		
W1005	1/4 x 1/4		
W1010	3/8 x 1/8		
W1011	3/8 x 1/4		
W1012	3/8 x 3/8		
W1015	1/2 x 3/8		

No. 1000BF

Female

W1016

No. 1100BF Tube Elbow	

1/2 x 1/2

CODE No.	TUBE	EACH
W1103	1/4	
W1105	3/8	
W1106	1/2	

No. 1200BF Male Branch Tee	
----------------------------------	--

CODE No.	TUBE NPT	EACH
W1203	1/4 x 1/8	
W1204	1/4 x 1/4	
W1208	3/8 x 1/8	
W1209	3/8 x 1/4	
W1210	3/8 x 3/8	
W1212	1/2 x 3/8	
W1213	1/2 x 1/2	

NOTE
WHEN USING NYLON TUBE A
SPIGOT TO SUIT THE I.D OF TUBE
MUST BE USED

## No. 1300BF Male Run Tee



CODE No.	TUBE	NPT	EACH
W1306	3/8 x	1/4	
W1307	3/8 x	3/8	

No. 1400BF
Tube Tee



CODE No.	TUBE	EACH
W1403	1/4	
W1405	3/8	
W1406	1/2	
W1407	5/8	

## **No. 1500BF** Female Elbow



CODE No.	TUBE NPT	EACH
W1508	3/8 x 1/4	
W1508B	3/8 x 3/8	
W1509	1/2 x 3/8	

## **No. 3100BF**Bulkhead Coupling



CODE No	FEM.	MALE	LENGTH	EACH
	NPT		<b>INCHES</b>	
W3100A	1/4	1/2NPT	2-5/32	
W3100B	1/4	"MxM	2-15/16	
W3100C	1/4	3/4UNF	1-1/2	
W3101A	1/4	1/2NPT	2-17/32	
W3101B	1/4	"MxM	3-15/16	
W3101C	1/4	3/4UNF	15/16	

Note: Not all bulkheads are the same as the image above.
Please go by the description.

#### No. 99SW

Spigot for Single Wall Airbrake Tube



CODE No.	TUBE	EACH
9903SW	1/4	
9905SW	5/16	

#### No. 99BR Spigot for Braided J844 Airbrake Tube



CODE No.	TUBE	EACH
9904BR	3/8	
9905BR	1/2	
9906BR	5/8	
9907BR	3/4	

WORKING PRESSURE 150PSI/1035KPA @ 20°c

**PLUS 10% GST** 

**CATEGORY 34** 



## **BRASS AIRBRAKE FITTINGS-"NTA" STYLE**

TUBE NPT

3/8 x 1/4

3/8 x 3/8

1/2 x 3/8

**EACH** 

**EACH** 

**EACH** 

No. 1460	
NTA Olive	

**CODE No** 

1460-04

1460-06

1460-08

1460-10

1460-12



EACH

<b>CODE No</b>
1466-06
1466-0606

1466-08

No. 1466 NTA Female Connector



EACH

NO. 14/1
NTA Male Rur
Tee



No. 1461	
NTA Nut	



No. 1468
NTA Male
Connector



No. 1472 NTA Male Branch Tee

**CODE No** 

1471-04

1471-06

1471-08

1471-0606



TUBE NPT

1/4 x 1/8

3/8 x 1/4

CODE No	TUBE	EAC
1461-04	1/4	
1461-06	3/8	
1461-08	1/2	
1461-10	5/8	
1461-12	3/4	

CODE No	TUBE	EACH
1461-04	1/4	
1461-06	3/8	
1461-08	1/2	
1461-10	5/8	
1461-12	3/4	

**TUBE** 

1/4

3/8

1/2

5/8

<b>CODE No</b>	TUBE	NPT	EACH
1468-04	1/4 x	1/8	
1468-0404	1/4 x	1/4	
1468-0406	1/4 x	3/8	
1468-0602	3/8 x	1/8	
1468-06	3/8 x	1/4	
1468-0606	3/8 x	3/8	
1468-0608	3/8 x	1/2	
1468-0804	1/2 x	1/4	
1468-08	1/2 x	3/8	

CODE No	TUBE	NPT
1472-04	1/4 x	1/8
1472-0602	3/8 x	1/8
1472-06	3/8 x	1/4
1472-0606	3/8 x	3/8
1472-0804	1/2 x	1/4
1472-08	1/2 x	3/8

No. 1462 NTA Joiner



1468-0406	1/4 X 3/8	
1468-0602	3/8 x 1/8	
1468-06	3/8 x 1/4	
1468-0606	3/8 x 3/8	
1468-0608	3/8 x 1/2	
1468-0804	1/2 x 1/4	
1468-08	1/2 x 3/8	
1468-0808	1/2 x 1/2	
1468-0812	1/2 x 3/4	
1468-1006	5/8 x 3/8	
1468-10	5/8 x 1/2	
1468-1012	5/8 x 3/4	
1468-12	3/4 x 1/2	
1468-1212	3/4 x 3/4	

No.1474 NTA Bulkhead

**CODE No TUBE** EACH 1462-04 1/4 3/8 1462-06 1462-08 1/2 1462-10 5/8 1462-12 3/4

No. 1469 NTA Male Elbow



1474-04	1/4	
1474-06	3/8	

**TUBE** 

No. 1464 NTA Tee



CODE No	TUBE	NPT	EACH
1469-04	1/4 x	1/8	
1469-0404	1/4 x	1/4	
1469-0406	1/4 x :	3/8	
1469-0602	3/8 x	1/8	
1469-06	3/8 x	1/4	
1469-0606	3/8 x 3	3/8	
1469-0608	3/8 x	1/2	
1469-0804	1/2 x	1/4	
1469-08	1/2 x :	3/8	
1469-0808	1/2 x	1/2	
1469-1006	5/8 x :	3/8	
1469-10	5/8 x	1/2	

No. 1480 NTA Male Elbow 45°

No. 1484

1484-08 1484-10

1484-12

**CODE No** 



CODE No	TUBE	EACH
1464-04	1/4	
1464-06	3/8	
1464-08	1/2	
1464-10	5/8	

	<b>CODE No</b>	TUBE NPT	EACH
	1469-04	1/4 x 1/8	
	1469-0404	1/4 x 1/4	
	1469-0406	1/4 x 3/8	
	1469-0602	3/8 x 1/8	
	1469-06	3/8 x 1/4	
ı	1469-0606	3/8 x 3/8	
	1469-0608	3/8 x 1/2	
ı	1469-0804	1/2 x 1/4	
	1469-08	1/2 x 3/8	
	1469-0808	1/2 x 1/2	
ı	1469-1006	5/8 x 3/8	
	1469-10	5/8 x 1/2	
	1469-1012	5/8 x 3/4	
	1469-12	$3/4 \times 1/2$	

CODE No	TUBE NPT	EACH
1480-04	1/4 x 1/8	
1480-06	3/8 x 1/4	
1480-0606	3/8 x 3/8	
1480-0804	1/2 x 1/4	
1480-08	1/2 x 3/8	
1480-0808	1/2 x 1/2	
1480-10	5/8 x 1/2	

No. 1465 NTA Union Elbow



No. 1470
NTA Female
Elbow



NTA Spigot		
CODE No	TUBE	EACH
1484-04	1/4	
1484-06	3/8	

1/2

5/8

3/4

CODE No	TUBE	EACH
1465-04	1/4	
1465-06	3/8	
1465-08	1/2	

CODE No	TUBE NPT	EACH
1470-04	1/4 x 1/8	
1470-06	3/8 x 1/4	

All fittings on this page come complete with the above spigot already assembled in the fitting. **WORKING PRESSURE** 150PSI/1035KPA @ 20°c

## **CATEGORY 35.1**

No 1866

1866-8

**IFS** 





IMPERIAL TUBE			
CODE No.	TUBE	EACH	
1862-3	3/16		
1862-4	1/4		
1862-6	3/8		
1862-8	1/2		
1862-10	5/8		
1862-12	3/4		

1862-12	3/4	
METRIC TU	JBE	
CODE No.	TUBE	EAC
M1862-04	4mm	
M1862-6	6mm	
M1862-8	8mm	
M1862-09	9mm	
M1862-10	10mm	
M1862-11	11mm	
M1862-12	12mm	
M1862-15	15mm	
M1862-16	16mm	



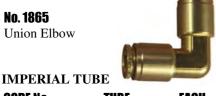
9		
IMPERIAL	TUBE	
CODE No.	TUBE	EACH
1864-4	1/4	
1864-6	3/8	
1864-8	1/2	

1864-10	5/8	
METRIC TU	JBE	
CODE No.	TUBE	EACH
M1864-04	4mm	
M1864-06	6mm	
M1864-08	8mm	
M1864-10	10mm	
M1864-12	12mm	



M1865-10

M1865-12



CODE No.	TUBE	EACH
1865-4	1/4	
1865-6	3/8	
1865-8	1/2	
METRIC TU	J <b>BE</b>	
CODE No.	TUBE	EACH
M1865-04	4mm	
M1865-06	6mm	
M1865-08	8mm	

10mm

12mm



Female Connector	The state of the s	
CODE No.	TUBE x NPT	EACH
1866-4	1/4 x 1/8	
1866-4-4	1/4 x 1/4	
1866-6	3/8 x 1/4	
1866-6-6	3/8 x 3/8	
1866-8-4	1/2 x 1/4	

1/2 x 3/8

800-8-8	1/2	л	1/2
lo. 1868			AND THE REAL PROPERTY.
Male Connector			K : Addition
MPERIAL TH	RF		WHILE THE PARTY OF

<b>IMPERIAL</b>	TUBE	
CODE No.	TUBE x NPT/METRIC	EAC
1868-4	1/4 x 1/8	
1868-4-4	1/4 x 1/4	
1868-4-6	1/4 x 3/8	
1868-4-M12	1/4 x M12x1.5	
1868-6-2	3/8 x 1/8	
1868-6	3/8 x 1/4	
1868-6-6	3/8 x 3/8	
1868-6-8	3/8 x 1/2	
1868-6-M12	3/8 x M12x1.5	
1868-6-M16	3/8 x M16x1.5	
1868-6-M22	3/8 x M22x1.5	
1868-8-4	1/2 x 1/4	
1868-8	$1/2 \times 3/8$	
1868-8-8	$1/2 \times 1/2$	
1868-8-M16	1/2 x M16	
1868-10-6	5/8 x 3/8	
1868-10	5/8 x 1/2	

3/4 x 1/2

1868-12

METRIC TUBE		
CODE No.	TUBE x NPT/METRIC	EACH
M1868-06-2	6mm x 1/8	
M1868-06-4	6mm x 1/4	
M1868-06M10	6mm x M10x1.5	
M1868-06M12	6mm x M12x1.5	
M1868-06M16	6mm x M16x1.5	
M1868-06M22	6mm x M22x1.5	
M1868-08-2	8mm x 1/8	
M1868-08-4	8mm x 1/4	
M1868-08M12	8mm x M12x1.5	
M1868-08M14	8mm x M14x1.5	
M1868-08M16	8mm x M16x1.5	
M1868-08M22	8mm x M22x1.5	
M1868-10-4	10mm x 1./4	
M1868-10-6	10mm x 3/8	
M1868-10-8	10mm x 1/2	
M1868-10M12	10mm x M12x1.5	
M1868-10M16	10mm x M16x1.5	
M1868-10M22	10mm x M22x1.5	
M1868-12-4	12mm x 1/4	
M1868-12-6	12mm x 3/8	
M1868-12-8	12mm x 1/2	
M1868-12M12	12mm x M12x1.5	
M1868-12M16	12mm x M16x1.5	
M1868-12M22	12mm x M22x1.5	
M1868-15-6	15mm x 3/8	
M1868-16M16		
M1868-16M22		
M1868-16-8	16mm x 1/2	

#### **SPECIFICATIONS**

Meets D.O.T FMVSS 571.106 Air Brake Performance Requirements Meets SAE J1131 Air Brake System Performance Requirements

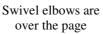
#### **TECHNICAL DATA**

BODY MATERIAL: BRASS O-RING: ETHYLENE PROPYLENE WORKING PRESSURE: VACUUM to 150PSI WORKING TEMPERATURE: 0°c to 90°c TUBING REQUIREMENT: SAE J844 NYLON

ALL FITTINGS HAVE THE SPIGOT BUILT IN FOR EASE OF ASSEMBLY

## No. 1869

Male Elbow 90°





## **IMPERIAL TUBE**

CODE No.	TUBE x NPT	EACH
1869-4	1/4 x 1/8	
1869-4-4	1/4 x 1/4	
1869-4-6	1/4 x 3/8	
1869-6-2	3/8 x 1/8	
1869-6	3/8 x 1/4	
1869-6-6	3/8 x 3/8	
1869-6-8	3/8 x 1/2	
1869-8	1/2 x 3/8	
1869-8-8	1/2 x 1/2	
1869-10-6	5/8 x 3/8	
1869-10	5/8 x 1/2	

**Truckies Emergency Kits** Metric & Imperial Refer to Cat 37.2 page





For nylon airbrake tubing to suit these fittings refer to **Category 14** 



## QUICK-FIT AIR BRAKE FITTINGS

## No. 1869S Swivel Male Elbow 90°



IMPERIAL	TUBE
----------	------

CODE No.	TUBE x NPT	EACH
1869-4S	1/4 x 1/8	
1869-4-4S	1/4 x 1/4	
1869-4-6S	1/4 x 3/8	
1869-6-2S	3/8 x 1/8	
1869-6S	3/8 x 1/4	
1869-6-6S	3/8 x 3/8	
1869-6-8S	3/8 x 1/2	
1869-6-M12S	3/8 x M12x1.5	
1869-6-M16S	3/8 x M16x1.5	
1869-6-M22S	3/8 x M22x1.5	
1869-8S	1/2 x 3/8	
1869-8-4S	1/2 x 1/4	
1869-8-8S	$1/2 \times 1/2$	
1869-10-6S	5/8 x 3/8	
1869-10S	5/8 x 1/2	
1869-12S	3/4 x 1/2	

#### **METRIC TUBE**

CODE No.	TUBE x NPT/METRIC	EACH
M1869-06-2S	6mm x 1/8	
M1869-06-4S	6mm x 1/4	
M1869-06M12S	6mm x M12x1.5	
M1869-06M16S	6mm x M16x1.5	
M1869-06M22S	6mm x M22x1.5	
M1869-08-2S	8mm x 1/8	
M1869-08-4S	8mm x 1/4	
M1869-08-6S	8mm x 3/8	
M1869-08M12S	8mm x M12x1.5	
M1869-08M16S	8mm x M16x1.5	
M1869-08M22S	8mm x M22x1.5	
M1869-10-4S	10mm x 1./4	
M1869-10-6S	10mm x 3/8	
M1869-10M12S	10mm x M12x1.5	
M1869-10M16S	10mm x M16x1.5	
M1869-10M22S	10mm x M22x1.5	
M1869-12-4S	12mm x 1/4	

No.	1870
For	nala

1870-8-8

M1869-12-6S

M1869-12-8S

M1869-12M12S

M1869-12M16S

M1869-12M22S M1869-15-6S

M1869-16-8S

M1869-16M22S



12mm x 3/8

12mm x 1/2

12mm x M12x1.5

12mm x M16x1.5 12mm x M22x1.5

15mm x 3/8

16mm x 1/2

16mm x M22x1.5

1/2 x 1/2

100	
<b>TUBE X NPT</b>	EACH
1/4 x 1/8	
1/4 x 1/4	
3/8 x 1/4	
3/8 x 3/8	
1/2 x 3/8	
	1/4 x 1/8 1/4 x 1/4 3/8 x 1/4 3/8 x 3/8

## No. 1871

Male Run Tee



CODE No.	<b>TUBE x NPT</b>	EACH
1871-4	1/4 x 1/8	
1871-4-4	1/4 x 1/4	
1871-6	3/8 x 1/4	
1871-6-6	3/8 x 3/8	
1871-8 *	1/2 x 3/8	

## No. 1871S

Swivel Male Run Tee



CODE No.	<b>TUBE x NPT</b>	EACH
1871-4S	1/4 x 1/4	
1871-6S	3/8 x 1/4	
1871-6-6S *	3/8 x 3/8	
1871-8S *	1/2 x 3/8	
1871_8_85 *	$1/2 \times 1/2$	

#### No. 1872 Male Branch Tee



CODE No.	<b>TUBE</b> x NPT	EA
1872-4-4	1/4 x 1/4	
1872-6	3/8 x 1/4	
1872-6-6	3/8 x 3/8	
1872-6-8	3/8 x 1/2	
1872-8	1/2 x 3/8	
1872-8-8	1/2 x 1/2	

## No. 1872S

Swivel Male Branch Tee



#### **IMPERIAL TUBE**

CODE No.	<b>TUBE</b> x <b>NPT</b>	EACH
1872-4S	1/4 x 1/8	
1872-4-4S	1/4 x 1/4	
1872-6-2S *	3/8 x 1/8	
1872-6S	3/8 x 1/4	
1872-6-6S	3/8 x 3/8	
1872-6M22S	3/8 x M22	
1872-8-4S	1/2 x 1/4	
1872-8S	1/2 x 3/8	
1872-8-8S	1/2 x 1/2	

#### **METRIC TUBE**

THE THE	22
CODE No.	TUBE x NPT/METRIC EACH
M1872-08-4S *	8mm x 1/4
M1872-10-4S *	10mm x 1/4
M1872-12-4S *	12mm x 1/4
M1872-12M22S *	12mm x M22x1.5
* Denot	es low volume items.

Please confirm availability prior to ordering

## No. 1880

45 Degree Elbow



CODE No.	TUBE x NPT/METRIC	EACH
1880-4	1/4 x 1/8	
1880-4-4	1/4 x 1/4	
1880-6-2	3/8 x 1/8	
1880-6	3/8 x 1/4	
1880-6-6	3/8 x 3/8	
1880-6-8 *	3/8 x 1/2	
1880-8-4 *	1/2 x 1/4	
1880-8 *	1/2 x 3/8	
1880-8-8 *	1/2 x 1/2	
1880-10-6	5/8 x 3/8	
1880-10	5/8 x 1/2	

#### No. 1880S

Swivel 45° Degree Elbow



CODE No.	TUBE x NPT	EACH
1880-4-4S *	1/4 x 1/4	
1880-6S *	3/8 x 1/4	
1880-6-6S *	3/8 x 3/8	
1880-8S *	1/2 x 3/8	
1880-8-8S *	1/2 x 1/2	
1880-10S *	5/8 x 1/2	

## For nylon airbrake tubing to suit these fittings refer to **Category 14**





## **SPECIFICATIONS**

Meets D.O.T FMVSS 571.106 Air Brake Performance Requirements Meets SAE J1131 Air Brake System Performance Requirements

#### **TECHNICAL DATA**

BODY MATERIAL:BRASS, O-RING: ETHYLENE PROPYLENE WORKING PRESSURE: VACUUM to 150PSI, WORKING TEMPERATURE: 0°c to 90°c TUBING REQUIREMENT: SAE J844 NYLON

ALL FITTINGS HAVE THE SPIGOT BUILT IN FOR EASE OF ASSEMBLY



No. M60

**CODE No** 

M60x4

M60x6

M60x8

M60x10

M60x12

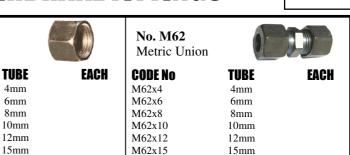
M60x15

M60x16

Metric Olive

## **STEEL METRIC AIRBRAKE FITTINGS**

16mm



M62x16



M68x15x8

M68x16x8



No. M69
Metric MaleElbow

No. M61

**CODE No** 

M61x4

M61x6

M61x8

M61x10

M61x12

M61x15

M61x16

Metric Nut



SPECIFICATIONS
Meets all requirments of SAE J844
Type A & B and FMVSS 571.106.

16mm

**TEMPERATURE RANGE** 0°C to +90°C

These Fittings Are Designed For Steel Tube.

Connector	V	
CODE No	TUBE x NPT	EACH
M68x4x2	4mm x 1/8	
M68x6x2	6mm x 1/8	
M68x6x4	6mm x 1/4	
M68x8x2	8mm x 1/8	
M68x8x4	8mm x 1/4	
M68x10x4	10mm x 1/4	
M68x10x6	10mm x 3/8	
M68x12x6	12mm x 3/8	
M68x12x8	12mm x 1/2	

15mm x 1/2

**TUBE** 

4mm

6mm

8mm

10<sub>mm</sub>

12mm

15mm

16mm

		70
CODE No	<b>TUBE x NPT</b>	EA
M69x4x2	4mm x 1/8	
M69x6x2	6mm x 1/8	
M69x6x4	6mm x 1/4	
M69x8x2	8mm x 1/8	
M69x8x4	8mm x 1/4	
M69x10x4	10mm x 1/4	
M69x10x6	10mm x 3/8	
M69x12x6	12mm x 3/8	
M69x12x8	12mm x 1/2	
M69x15x8	15mm x 1/2	
M69x16x8	16mm x 1/2	

## We are your one stop shop for fleet products.

For nylon airbrake tubing refer to Category 14







CODE No. DV1421 EACH

Refer to Category 4 for applicable discount

DESCRIPTION

Drain Valve with 1.5m remote cable 1/4 NPT thread



We have a vast range of fittings and associated products relating to the transport industry. Fittings, couplings, pogo sticks and other fleet items can be found in Category 33 through to Category 35. Handy Pack Grab Kits can be found in Category 37. SAE & DIN approved Nylon Tubing can be found in Category 14. Rubber airbrake hose can be found in Category 13.

**PLUS 10% GST** 

CATEGORY 35.4



## **BRASS TRUCK VALVES**

**IFS** 

## **AUSTRALIAN MADE BRASS TRUCK VALVES**

MADE IN OUR FACTORY IN BRISBANE



CODE NO TNVMXF0606 NPT MALE X NPT FEMALE

EACH



CODE NO TNVMXF0808 NPT MALE X NPT FEMALE

EACH



CODE NO TNVHB0606 HOSE I.D x MALE NPT

EACH



CODE NO TNVAMXF0808 NPT FEMALE X NPT MALE
1/2 1/2

EACH



CODE NO TNVHB1006 HOSE I.D x MALE NPT 5/8 3/8

EACH



CODE NO TNVMF1008 MALE FLARE X NPT MALE 5/8 1/2

EACH



CODE NO TNVHB1008 HOSE I.D x MALE NPT

EACH



CODE NO TNVMF0808 NPT MALE X MALE FLARE
1/2 1/2

EACH



CODE NO TNVHB1208 HOSE I.D x MALE NPT

EACH

CODE NO TNVMF0810 NPT MALE X MALE FLARE
1/2 5/8

EACH

CATEGORY 35.5

## **TOOLS AND ACCESSORIES**



## **TUBE CUTTERS**

For Hard or Soft Copper, Aluminium, Thin Wall Steel, Brass or Other Metal Tubing.



## <u>Handyman</u>



## **CODE NO.** 36-TCB01 1

36-TCB02

DESCRIPTION

EACH

1/8 - 1" Cutter No Spare Cutting Wheel 1/8 - 1-1/8" Cutter with Spare Wheel



## <u>TRADESMAN</u>



CODE No.

#### DESCRIPTION

**EACH** 

36-TCS01

1/8 - 1-1/8" Grooved Guide Rolle

Twin Grooved Guide Rollers For Cutting Close to Flared Ends, Metal Handle, Spare Cutting Wheel, and a Foldaway Reamer 1/2 - 2"

36-TCS02

Same Description as above, but no reamer.

## **DELUXE**



Slide out/ Slide in Reamer

#### CODE No.

#### DESCRIPTION

EACH

1/4 - 1-3/8" Telescopic Tube Cutter, with
Fully Enclosed Threaded Shaft To Prevent
Against Dirt or Jamming, Retractable
Deburring Tool Stored Inside the Frame, Twin
Grooved Rollers and a Spare Cutting Wheel

## STAINLESS STEEL CUTTERS



Slide out/ Slide in Reamer

## CODE No.

#### DESCRIPTION

EACH

36-SSPC35

36-RTCB

S/Steel Tube Cutters 3.2mm - 28mm (1/8''—1-1/8'')

## **MINI TUBE CUTTERS**



EACH

CODE No.	DESCRIPTION
36-TCM01	Mini Tube Cutter 1/8 - 5/8 O.D Ttube
	Requires 32mm Swing Radius
36-TCM02	Mini Tube Cutter 1/8 - 7/8 Tube Cutter
	Requires 42mm Swing Radius
36-TCM03	Mini Tube Cutter 3/8 - 1-1/8 O.D Tube

Spare Blades are Available. Please contact our sales office for price and availability.

Requires 55mm Swing Radius

Replacement Tube Cutter Blades

## y.

## **NYLON TUBE & HOSE CUTTERS**





CODE No.

36-TCN 36-TCNB **DESCRIPTION**Nylon Tube Cutter 1/8 - 5/8
Replacement Blade To Suit 1/8 - 5/8

36-PC303F

Pipe & Tube Cutter 42mm Capacity

# INTERNAL-EXTERNAL REAMER



CODE NO. 36-REAM

DESCRIPTION

EACH

Standard Internal/External Reamer External Suits 1/8 - 1-3/8 O.D Tube Internal Suits 1/4 - 1-3/8 OD Tube

## **DEBURRER**



**CODE No.** 

DESCRIPTION

EACH

36-DEB General Purpose Deburrer for Deburring of Edges. Replaceable Blade, Plastic Handle

## **TUBE BENDER - SPRING TYPE**



These Tools Allow the Bending of Soft Tubing to Any Shape Without Collapsing the Walls. Special Spring Steel, Nickel Plated. The End is Belled For Quick Tube Removal

CODE No.	DESCRIPTION	EACH
36-SP04	Tube bending spring for 1/4 O.D tube.	
36-SP06	Tube bending spring for 3/8 O.D tube.	
36-SP08	Tube bending spring for 1/2 O.D tube.	
36-SP10	Tube bending spring for 5/8 O.D tube.	
36-SP12	Tube bending spring for 3/4 O.D tube.	

## TRIPLE HEAD BENDER



**CODE NO.** 36-THB03

**CODE No.** 

**DESCRIPTION**For 1/4",5/16" & 3/8" Tube

EACH

# BRASS DRIFTS (PUNCHES)



DESCRIPTION

36-DRIFT04
36-DRIFT06
36-DRIFT08
36-DRIFT08
36-DRIFTKIT
3/8" O.D. BRASS DRIFT/PUNCH
1/2" O.D. BRASS DRIFT/PUNCH
1/4, 3/8, 1/2 O.D. BRASS DRIFT/
PUNCH KIT

EACH

**CATEGORY 36.1** 



## **TOOLS AND ACCESSORIES**

**IFS** 

## SINGLE FLARING TOOL 2 PIECE



For 45° single flares on copper, brass, aluminium and malleable steel tube

CODE No.	
36-SFT02	Stan
36-SFT03	Stand

**DESCRIPTION**Standard Flaring Tool 3/16-5/8
Standard Flaring Tool 3/4,7/8,1"

# SINGLE & DOUBLE FLARING TOOL



For  $45^{\circ}$  single and double flares on copper, brass, aluminium and malleable steel tube

## **CODE No.** 36-DFT

#### DESCRIPTION

EACH

**EACH** 

One piece flaring tool which can do double flares when used with 36-DFA 3/16-5/8 Single flares 3/16-1/2 Double flares



**36-DFA - Double Flare Attachment** 

## CODE No. 36-DFA

#### **DESCRIPTION**

EACH

Double flare attachment to use with 36-DFT to make double flares 3/16-1/2

## ECCENTRIC 45° FLARING TOOL 1 PIECE



For 45° flares on copper, brass, aluminium and malleable steel tube

## CODE No.

#### DESCRIPTION

EACH

36-SFT458 1/8 - 3/4 Rigid Eccentric Flaring Tool 36-SFTROC Rocair Flaring Tool 1/4-3/4 45 Deg.

## TWO HAND BENDER



Makes smooth short radius bends to 180°. Calibrated to show angle of bend.

#### **CODE No.**

#### DESCRIPTION

EACH

 36-HB04
 1/4 O.D Tube Two Hand Bender

 36-HB06
 3/8 O.D Tube Two Hand Bender

 36-HB08
 1/2 O.D Tube Two Hand Bender

 36-HB10
 5/8 O.D Tube Two Hand Bender

 36-HB12
 3/4 O.D Tube Two Hand Bender

## **HAND TAPS**



#### **CODE No.**

36-TAP02-BSP 36-TAP02-NPT 36-TAP04-BSP 36-TAP04-NPT 36-TAP06-BSP 36-TAP06-NPT

#### DESCRIPTION

**EACH** 

Thread cutting tap to suit 1/8 BSP Thread cutting tap to suit 1/8 NPT Thread cutting tap to suit 1/4 BSP Thread cutting tap to suit 1/4 NPT Thread cutting tap to suit 3/8 BSP Thread cutting tap to suit 3/8 NPT

## CODE NO. 36-LEDFLEX

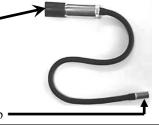
#### DESCRIPTION

EACH

Flexible LED Flashlight with magnet for picking up metal objects such as screws etc.

Also has magnetic base for mounting on work surface.

Super strong magnet for mounting on work surface



LED for lighting MAGNET for pick-up

# 1900 MityLife 2AAA - Salementhi in 100 Report -

## **1900C SAFETY TORCH**

Water tight to 150M. Focused beam 400% brighter than ordinary pocket lights. Includes pocket clip and magnet and is non-incendive

## CODE No.

## DESCRIPTION EACH

36-1900C Small Safety Torch 36-1904 Replacement Globe



## **2000C SAFETY TORCH**

Water tight to 400M. Includes pocket clip and is non-incendive.

## **CODE NO.** 36-2000C

## **DESCRIPTION**Large Safety Torch

EACH

36-2004 Replacement Globe

## CATEGORY 36.2

## **HANDY PACKS**

HANDY PACKS ARE ASSORTMENTS OF OUR FASTEST MOVING LINES, PACKED INTO CONTAINERS MAKING THEM EASY AND ATTRACTIVE TO SELL. TO REORDER REPLACEMENT PARTS, USE THE NUMBERS DISPLAYED ON THE INSIDE OF THE LID.



## CODE NO. EACH

CONTENTS: STANDARD & UNIVERSAL BRASS OLIVES

**CONTENTS: BRASS** 



6

6

4

3

10

MOO Clamp

OO Clamp

OX Clamp

5/16 O'Clip

1 Clamp

7/16 O'Clip

1/2 O'Clip

5/8 O'Clip

3/4 O'Clip

9/16 O'Clip

## CODE NO. KIT05

**CONTENTS:** O'CLIPS & WORM DRIVE CLAMPS

20

20

15

20

10

7/8 O'Clip

1" O'Clip

1-5/16 O'Clip 3

10

10

100 x 1/8	10	100 x 1/2	5	1 x 3/8	5
100 x 3/16	10	1 x 1/8	10	1 x 1/2	5
100 x 1/4	10	1 x 3/16	10	1 x 5/8	3
100 x 5/16	10	1 x 1/4	10	1 x 3/4	3
100 x 3/8	5	1 x 5/16	10		

**CODE No.** 

KIT02



CODE No.	EACH
KIT06	

CONTENTS: TRUCKERS

COMPRESSION FITTINGS					THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAME	EME	ERGENCY KIT				
3 1/8 x 1/8	3	3 3/8 x 1/8	3	4 x 1/4	3	CA93-32	1	AF103-8	6	4 x 1/8	2
3 3/16 x 1/8	3	3 3/8 x 1/4	2	4 x 5/16	3	CA93-08	1	AF104-6	3	CA93-18	1
3 1/4 x 1/8	3	3 1/2 x 3/8	2	4 x 3/8	2	CA93-35	1	AF104-8	3	CA93-20	1
3 1/4 x 1/4	3	4 x 1/8	3	4 x 1/2	2	CA93-14	1	AF100-6	2	CA93-23	1
3 5/16 x 1/8	3	4 x 3/16	3			AF103-6R	6	AF100-8	2	Ranger	5

**EACH** 



CODE NO. EACH

CONTENTS: SCREWED BSP BRASSWARE

24 3/8 x 1/8 2	25 x 1/4 26 x 1/8	3	35 x 1/8 35 x 1/4	2 2 3
24 3/8 x 1/4 3 24 1/2 x 1/4 2	26 x 1/8 26 x 1/4 27 x 1/8 27 x 1/4	3	35 x 1/4 64 x 1/8 64 x 1/4	2 3 3



CODE NO. EACH KIT07

CONTENTS: O'CLIP KIT WITH O'CLIP PLIERS

O'Clip	1	9/16 O'Clip 5/8 O'Clip 7/8 O'Clip	30
7/16 O'Clip	30	7/8 O'Clip	20
1/2 O'Clip	30	_	



CODE NO. EACH KIT04

**CONTENTS:** BRASS BARBED FITTINGS

P3 1/4 x 1/8	3	P3 5/8 x 3/8	2	P7 x 5/8	2
P3 5/16 x 1/8	3	P7 x 1/4	3	P14 x 1/4	2
P3 3/8 x 1/8	3	P7 x 5/16	3	P14 x 5/16	2
P3 3/8 x 1/4	3	P7 x 3/8	2	P14 x 3/8	2
P3 1/2 x 1/4	3	P7 x 1/2	2		



CODE NO. EACH 37-BOX14

14 COMPARTMENT REPLACEMENT BOXES FOR THE HANDY PACKS 195mm Wide x 155mm Deep x 46mm high



CODE No.

DESCRIPTION

EACH

12 Compartment Accessory Box 37-BOX12 300mm Wide x 195mm Deep x 46mm High

18 Compartment Accessory Box 37-BOX18 300mm Wide x 195mm Deep x 46mm High

**PLUS 10% GST** 

**CATEGORY 37.1** 

## **HANDY PACKS**





CODE No. EACH

**CONTENTS:** TRUCKERS EMERGENCY KIT IMPERIAL



CODE No. EACH

CONTENTS: TRUCKERS EMERGENCY KIT METRIC

33-AF103-8	1/2" Ferrule	2
01-RR02	1/8" Road Ranger Olives	2
36-TCN	Tube Cutter	1
07-P.708	1/2" Hose Joiner	2
41-W2-027	12mm Hose Clamps	4
35-M1862-08	5/16" Q/F A/B Tube Joiner	2
35-1862-6	3/8" Q/F A/B Tube Joiner	2
35-1862-8	1/2" Q/F A/B Tube Joiner	2
35-1862-10	5/8" Q/F A/B Tube Joiner	1
35-1868-8-8	1/2"x1/2" Q/F M/Connector	2
01-2604	1/2" Socket	2
01102	1/8" Olives	5
01103	3/16" Olives	5
01104	1/4" Olives	5
01403	1/4" Equal Union	2
20-QF.403	1/4" Q/F Joiner	2
01105	5/16" Olives	5
01106	3/8" Olives	5
01108	1/2" Olives	5
01110	5/8" Olives	2

33-AF103-8	1/2" Ferrule	2
01-RRM02	4mm Road Ranger Olives	2
36-TCN	Tube Cutter	1
07-P.708	1/2" Hose Joiner	2
41-W2-027	12mm Hose Clamps	4
35-M1862-08	8mm Q/F A/B Tube Joiner	2
35-M1862-10	10mm Q/F A/B Tube Joiner	2
35-M1862-12	12mm Q/F A/B Tube Joiner	2
35-M1862-16	16mm Q/F A/B Tube Joiner	1
35-1868-8-8	1/2"x1/2" Q/F M/Connector	2
01-2604	1/2" Socket	2
32-M.10004	4mm Olives	5
32-M.10005	5mm Olives	5
32-M.10006	6mm Olives	5
32-M.406	6mm Tube Joiner	2
20-QFM.403	6mm Q/F Joiner	2
32-M.10008	8mm Olives	5
32-M.10010	10mm Olives	5
32-M.10012	12mm Olives	5
32-M.10016	16mm Olives	2



We carry a full range of fittings and associated products relating to the transport industry. We are your one stop shop for fleet products.



For nylon airbrake tubing to suit these fittings refer to Category 14. Rubber airbrake hose can be found in Category 13.







**CATEGORY 37.2** 

3 1/8 x 1/8

3 3/16 x 1/8

3 1/4 x 1/8

3 1/4 x 1/4

3 5/16 x 1/8

## **HANDY PACKS**



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distance from the
dis Admin
10 H 6 / 100 BB
100 A

3 3/8 x 1/8

3 3/8 x 1/4

3 1/2 x 3/8

4 x 1/8

4 x 3/16

3

3

3

3

3

CODE NO. EACH KIT12

CONTENTS: METRIC COMPRESSION M3's & M4's

4 x 1/4

4 x 5/16

4 x 3/8

4 x 1/2

2

2

3



AF103-8

AF104-6

AF104-8

AF100-6

AF100-8

1

1

1

1

6

CODE NO. EACH KIT13

CONTENTS: METRIC OLIVE AND NUT KIT

4 x 1/8

3

3

2

CA93-18

CA93-20

CA93-23

Ranger

2

1

1

1

5

M3 4mm x 1/8 3 M3 5mm x 1/8 3 M3 6mm x 1/8 3	M3 10mm x 1/4 2 M3 12mm x 3/8 2	M4 x 8mm M4 x 10mm	3 3 2	M100 x 4mm M100 x 6mm M100 x 8mm	10 10 10	M100 x 15mm M100 x 16mm M2 x 4mm	5 5 5	M2 x10mm M2 x 12mm M2 x 15mm	2 2 2
M3 6mm x 1/4 3 M3 8mm x 1/8 3	M4 x 4mm 3 M4 x 5mm 3	M4 x 12mm	2	M100 x 10mm M100 x12mm	5 5	M2 x 6mm M2 x 8mm	5	M2 x 16mm	2
	CODE NO. Kit34i	EACH				<b>CODI</b> KITO			
<b>CONTENTS:</b> BRASS COMPRESSION FITTINGS							TS: TRUCKERS GENCY KIT		

3

2

CA93-32

CA93-08

CA93-35

CA93-14

AF103-6R

**PLUS 10% GST** 

**CATEGORY 37.3** 

## **HANDY PACKS**





CODE No. EACH

**CONTENTS:** TRUCKERS EMERGENCY KIT IMPERIAL



CODE No. EACH

CONTENTS: TRUCKERS EMERGENCY KIT METRIC

33-AF103-8	1/2" Ferrule	2
01-RR02	1/8" Road Ranger Olives	2
36-TCN	Tube Cutter	1
07-P.708	1/2" Hose Joiner	2
41-W2-027	12mm Hose Clamps	4
35-M1862-08	5/16" Q/F A/B Tube Joiner	2
35-1862-6	3/8" Q/F A/B Tube Joiner	2
35-1862-8	1/2" Q/F A/B Tube Joiner	2
35-1862-10	5/8" Q/F A/B Tube Joiner	1
35-1868-8-8	1/2"x1/2" Q/F M/Connector	2
01-2604	1/2" Socket	2
01102	1/8" Olives	5
01103	3/16" Olives	5
01104	1/4" Olives	5
01403	1/4" Equal Union	2
20-QF.403	1/4" Q/F Joiner	2
01105	5/16" Olives	5
01106	3/8" Olives	5
01108	1/2" Olives	5
01110	5/8" Olives	2

33-AF103-8	1/2" Ferrule	2
01-RRM02	4mm Road Ranger Olives	2
36-TCN	Tube Cutter	1
07-P.708	1/2" Hose Joiner	2
41-W2-027	12mm Hose Clamps	4
35-M1862-08	8mm Q/F A/B Tube Joiner	2
35-M1862-10	10mm Q/F A/B Tube Joiner	2
35-M1862-12	12mm Q/F A/B Tube Joiner	2
35-M1862-16	16mm Q/F A/B Tube Joiner	1
35-1868-8-8	1/2"x1/2" Q/F M/Connector	2
01-2604	1/2" Socket	2
32-M.10004	4mm Olives	5
32-M.10005	5mm Olives	5
32-M.10006	6mm Olives	5
32-M.406	6mm Tube Joiner	2
20-QFM.403	6mm Q/F Joiner	2
32-M.10008	8mm Olives	5
32-M.10010	10mm Olives	5
32-M.10012	12mm Olives	5
32-M.10016	16mm Olives	2



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**CATEGORY 37.2** 

## **PARTS BINS & CABINETS**



These parts bins can sit directly on a shelf or they can be mounted on the louvered panels listed below.

Available in Blue off the Shelf. Red, Green & Yellow are also available. Please contact our sales office for delivery.

Dust covers , Bin dividers and labels are available to suit the above Parts Bins

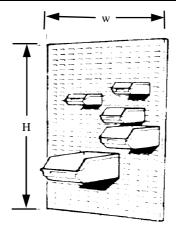
CODE NO.	LENGTH	WIDTH	HEIGHT	EACH	CODE NO.	LENGTH	WIDTH	HEIGHT	EACH
38-SB2	500mm	310mm	200mm		38-SB4	230mm	150mm	125mm	
38-SB3Z	350mm	210mm	150mm		38-SB5	165mm	100mm	80mm	
38-SB3ZD	350mm	465mm	150mm		38-SB6	95mm	100mm	55mm	

#### **MOBILE TROLLEYS**

By combining parts bins with the louvered panels and placing them on a frame with casters you can create a mobile trolley as shown. Please contact our sales office for pricing.



PARTS BIN LOUVRE PANELS					
CODE NO.	WIDTH	HEIGHT	EACH		
38-LP460X150	460	150			
38-LP460X460	460	460			







## 38-SU75

## 75 Draw Storage Unit.

Steel Frame with 3 sections of 25 Oil Resistant Plastic Drawers 5kg capacity per draw

(1 divider per Draw)

#### **Unit dimensions:**

940mm High x 580mm Wide x 230mm Deep Wall Mountable

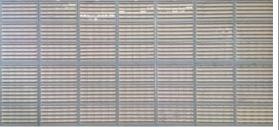
#### **Draw Dimension (Internal)**

47mm High x 95mm Wide x 195mm Deep

Contact your Area Manager or our office for more details or pricing.

Customised labels available to suit your requirements. Talk to your area manager for more information.





Multiple cabinet setup done for a customer We can customise these to suit your individual needs

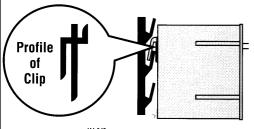
## **PLUS 10% GST**

**CATEGORY 38.1** 

## **PARTS BINS**

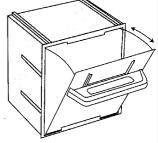
**IFS** 

## **VISY PAK SINGLE PARTS BINS**



Visy-pak bins have Special clips which enable the bins to fit onto louvre panels.





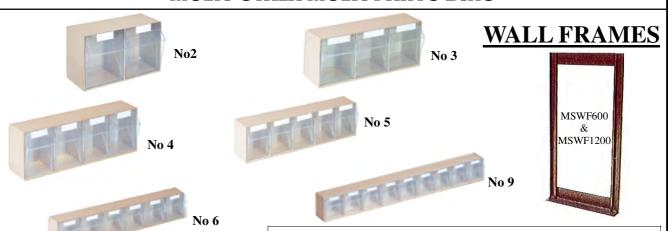
Visy-pak bins come in 3 sizes and can be screwed directly to any wall or shelving.



Visy-pak bins are fully modular and can be slotted together to form one strong unit

DESCRIPTION					
CODE NO.	DEPTH	WIDTH	HEIGHT	EACH	
VP040	83mm	103mm	120mm		
VP041	126mm	154mm	180mm		
VP042	167mm	208mm	235mm		

## **MULTI-STALA MULTI PARTS BINS**



#### AVAILABLE IN BLUE ONLY

The Multi-Stala range of parts bins are a great flexible way of storing parts. The bins have a transparent front, a removable liner-for washing, and are easily assembled. All units are 600mm long, and can be fitted to mobile trolleys, vans, direct to shelving or to one of the two available wall frames listed (MSWF600 & MSWF1200). Mounting hardware is required for use with wall frames.

PLEASE NOTE: When ordering MSWFMB, please ensure to allow 2 pieces per bin for wall frame mounting purposes.

DESCRIPTION					
CODE NO.	DEPTH	WIDTH	HEIGHT	EACH	
MS9	62mm	600mm	77mm		
MS6	91mm	600mm	113mm		
MS5	133mm	600mm	164mm		
MS4	168mm	600mm	207mm		
MS3	197mm	600mm	240mm		
MS2	299mm	600mm	353mm		
MSWF600	N/A	335mm	600mm		
MSWF1200	N/A	335mm	1200mm		
MSWFMB	WALL FRAM				

## **CATEGORY 38.2**

## **NICKEL PLATED BRASS QUICK-FIT**

NOT BE USED ON TRUCK AIRBRAKE SYSTEMS.

## **IMPERIAL**

No. QF3NP Male Stud



No.QF10NP
Female Union



NO. QF31NP Bulkhead Union



CODE No.	TUBE BSP	EACH
NP301*	*1/8 x 1/8 NPT only	
NP302	3/16 x 1/8	
NP303	3/16 x 1/4	
NP304	1/4 x 1/8	
NP305	1/4 x 1/4	
NP307	5/16 x 1/8	
NP308	5/16 x 1/4	
NP309	5/16 x 3/8	
NP312	3/8 x 1/4	
NP313	3/8 x 3/8	
NP314	3/8 x 1/2	
NP315	1/2 x 1/4	
NP316	1/2 x 3/8	
NP317	1/2 x 1/2	

CODE No.	TUBE x BSP	EACH
NP1001	1/8 x 1/8	
NP1004	1/4 x 1/8	
NP1005	1/4 x 1/4	
NP1011	3/8 x 1/4	
NP1012	3/8 x 3/8	

 CODE NO.
 TUBE
 EACH

 NP3101
 1/8

 NP3103
 1/4

 NP3104
 5/16

 NP3105
 3/8

 NP3106
 1/2

No. QF11NP Union Elbow



No QF75NP Tube Y Piece



**CODE NO TUBE EACH**NP7503

1/4

51.02

No. QF4NP Joiner



CODE No.	TUBE	EACH
NP1101	1/8	
NP1102	3/16	
NP1103	1/4	
NP1104	5/16	
NP1105	3/8	
NP1106	1/2	

CODE No.
Male Branch
Y Piece



 CODE NO.
 TUBE
 EACH

 NP401
 1/8
 NP402
 3/16

 NP403
 1/4
 NP404
 5/16

 NP405
 3/8
 NP406
 1/2

No. QF12NP Swivel Male Branch Tee



CODE No.	<b>TUBE BSP</b>	EACH
NP7603	1/4 x 1/8	

**No. QF5NP** Swivel Male Elbow



CODE No.	TUBE BSP	EACH
NP1201	1/8 x 1/8	
NP1203	1/4 x 1/8	
NP1204	1/4 x 1/4	
NP1206	5/16 x 1/8	
NP1207	5/16 x 1/4	
NP1209	3/8 x 1/4	
NP1210	3/8 x 3/8	
NP1213	1/2 x 3/8	
NP1214	1/2 x 1/2	

## Imperial and Metric Nickel Plated Quick-fit Data

#### •Working Pressure

240psi @ 20°c

Maximum pressure can depend on the type of tube used.

## Sealing Method

•Temperature Range

-20°c to 100°c

Viton O-Ring Sealing Washer: engineering polymer

NO. QF14NP Union Tee



•Material
Brass - Nickel Plated

•PLEASE NOTE: THE SWIVEL ACTION IS FOR INSTALLATION PURPOSES ONLY.

Allowable working temperature can

depend on the type of tube used.

#### **EACH CODE No.** TUBE BSP NP501\* \* 1/8 x 1/8 NPT only NP502 3/16 x 1/8 NP503 3/16 x 1/4 NP504 1/4 x 1/8 NP504NPT 1/4 X 1/8 NPT NP505 1/4 x 1/4 NP507 5/16 x 1/8 NP508 5/16 x 1/4 NP509 5/16 x 3/8 NP512 3/8 x 1/4 NP513 3/8 x 3/8 NP514 3/8 x 1/2 NP515 1/2 x 1/4 NP516 1/2 x 3/8 NP517 1/2 x 1/2

CODE NO. TUBE FACH
NP1401 1/8
NP1402 3/16
NP1403 1/4
NP1404 5/16
NP1405 3/8
NP1406 1/2

**PLUS 10% GST** 

**CATEGORY 39.1** 

## **NICKEL PLATED BRASS QUICK-FIT**

NOT BE USED ON TRUCK AIRBRAKE SYSTEMS

## **METRIC**

No.	QFM3N	P
Ma	le Stud	



CODE No.	TUBE BSP	EACH
NPM302	4mm x 1/8	
NPM303	4mm x 1/4	
NPM303B	6mm x M5	
NPM304	6mm x 1/8	
NPM305	6mm x 1/4	
NPM307	8mm x 1/8	
NPM308	8mm x 1/4	
NPM309	8mm x 3/8	
NPM312	10mm x 1/4	
NPM313	10mm x 3/8	
NPM314	10mm x 1/2	
NPM315	12mm x 1/4	
NPM316	12mm x 3/8	
NPM317	12mm x 1/2	



CODE No.	TUBE
NPM1102	4mm
NPM1103	6mm
NPM1104	8mm
NPM1105	10mm
NPM1106	12mm
No. QFM12NP	-

Swivel Male Branch Tee



H	

No. OFM75NP

Tube Y Piece



CODE No.	TUBE	EACH
NPM3102	4mm	
NPM3103	6mm	
NPM3104	8mm	
NPM3105	10mm	
NPM3106	12mm	





CODE No.	TUBE	EACH
NPM402	4mm	
NPM403	6mm	
NPM404	8mm	
NPM405	10mm	
NPM406	12mm	



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В

EACH

CODE No.	TUBE	EACH
NPM7502	4mm	
NPM7503	6mm	
NPM7504	8mm	

No. QFM5NP Swivel

Male Elbow



EACH	TUBE BSP	CODE No.
	4mm x 1/8	NPM1201
	6mm x 1/8	NPM1203
	6mm x 1/4	NPM1204
	8mm x 1/8	NPM1206
	8mm x 1/4	NPM1207
	8mm x 3/8	NPM1208
	10mm x 1/4	NPM1209
	10mm x 3/8	NPM1210
	10mm x 1/2	NPM1211
	12mm x 1/4	NPM1212
	12mm x 3/8	NPM1213
	12mm x 1/2	NPM1214



CODE No.	TUBE BSP	EAC
NPM7601	4mm x 1/8	
NPM7603	6mm x 1/8	
NPM7606	8mm x 1/8	
NPM7607	8mm x 1/4	

EACH **CODE No.** TUBE BSP NPM500 4mm x M5 NPM502 4mm x 1/8 NPM503 4mm x 1/4 NPM503B 6mm x M5 NPM504 6mm x 1/8 NPM505 6mm x 1/4 NPM507 8mm x 1/8 NPM508 8mm x 1/4 NPM509 8mm x 3/8 NPM512 10mm x 1/4 NPM513 10mm x 3/8 NPM514 10mm x 1/2 NPM515 12mm x 1/4

12mm x 3/8

12mm x 1/2



The state of the s

CODE No.	TUBE STEM A B
NPMR04-06	4mm x 6mm
NPMR04-08	4mm x 8mm
NPMR06-04	6mm x 4mm
NPMR06-08	6mm x 8mm
NPMR06-10	6mm x 10mm
NPMR06-12	6mm x 12mm
NPMR08-10	8mm x 10mm
NPMR08-12	8mm x 12mm

10mm x 12mm

No. QFMRNP

NPMR10-12

Reducer

EACH **CODE No.** TUBE BSP NPM1301 4mm x 1/8 NPM1303 6mm x 1/8 NPM1304 6mm x 1/4 NPM1306 8mm x 1/8 NPM1307 8mm x 1/4 NPM1308 8mm x 3/8 NPM1309 10mm x 1/4 NPM1310 10mm x 3/8 NPM1313 12mm x 3/8

No. QFM10NP Female Union

NPM516

NPM517



CODE No.	TUBE BSP	EACH
NPM1002	4mm x 1/8	
NPM1004	6mm x 1/8	
NPM1005	6mm x 1/4	
NPM1007	8mm x 1/8	
NPM1008	8mm x 1/4	
NPM1011	10mm x 1/4	

No. OFM14NP Union Tee



CODE No.	TUBE	EACH
NPM1402	4mm	
NPM1403	6mm	
NPM1404	8mm	
NPM1405	10mm	
NPM1406	12mm	

**CATEGORY 39.2** 





## **WORM DRIVE HOSE CLAMPS**



## W2 S/Steel Band Clamp with Mild Steel Screw

		Code No.	Band Width	Size No.	Range mm	Each
9mn	1	41-W2-012	9mm	000	8-12	
Band	d	41-W2-016	9mm	M00	8-16	
		41-W2-022	9mm	0	12-22	
		41-W2-027	12mm	0X	16-27	
		41-W2-032	12mm	1A	20-32	
		41-W2-040	12mm	1X	25-40	
12mm Band Width	41-W2-045	12mm	-	30-45		
	Vid	41-W2-050	12mm	2A	32-50	
	d V	41-W2-060	12mm	2X	40-60	
	an	41-W2-070	12mm	3	50-70	
	n B	41-W2-080	12mm	3X	60-80	
	m	41-W2-090	12mm	4	70-90	
	12	41-W2-100	12mm	4X	80-100	
	41-W2-120	12mm	5	100-120		
		41-W2-140	12mm	6	120-140	
		41-W2-160	12mm	7	140-160	

Band & Housing are AISI-430 Stainless Steel and made to DIN 1.4016.

Screw is Zinc Plated Mild Steel and made to DIN 1.0213.

Screw has a 7mm Hex Head.

## W5 Full 316 Stainless Steel Clamp

		Code No.	Band Width	Range mm	Each
9mm B	and	41-W5-016	9mm	8-16	
		41-W5-022	9mm	12-22	
		41-W5-027	12mm	16-27	
		41-W5-032	12mm	20-32	
		41-W5-040	12mm	25-40	
12mm Rand Width	[th	41-W5-045	12mm	30-45	
	Vid	41-W5-050	12mm	32-50	
	d V	41-W5-060	12mm	40-60	
	an	41-W5-070	12mm	50-70	
	ր В	41-W5-080	12mm	60-80	
12mn	m	41-W5-090	12mm	70-90	
	12	41-W5-100	12mm	80-100	
		41-W5-120	12mm	100-120	
		41-W5-140	12mm	120-140	
		41-W5-160	12mm	140-160	

Band, Housing are AISI-316 Stainless Steel and made to DIN 1.4401. Screw is AISI-316 Stainless Steel. Screw has a 7mm Hex Head.

All clamps are packaged and sold in boxes of 10.

TO ORDER THE ABOVE CLAMPS WITH A SAFETY COLLAR, ADD C TO THE END OF THE PART NO.
PLEASE PHONE OUR SALES OFFICE FOR PRICING.
MORE FULL 316 STAINLESS STEEL CLAMPS ARE SHOWN IN CATEGORY 11.1





Safety Collar Suits 7mm Hex Head.

CODE No. 41-SC7 PRICE

**PLUS 10% GST** 

**CATEGORY 41.1** 



## **WORM DRIVE HOSE CLAMP DISPLAYS**



**CODE No.** 

41-MCDW2-M

41-MCDW2-MO 41-MCDW2-O

41-MCDW5-O

Mikalor W2, MINI & OTK Clamp Display Mikalor W2 & OTK Clamp Display

Mikalor W5 & S/S OTK Clamp Display

**Description** 

Mikalor W2 & MINI Clamp Display

EACH 0

W2 Clamps have AISI-430 S/S Band with Mild Steel Screw.

W5 Clamps are Full 316 Stainless Steel.

O'Clips are either Carbon Steel or Stainless Steel as listed.

Mini Clamps are Carbon Steel.

#### CODE No.

#### 41-MCDW2-M CONTENTS

- 10 8mm Mini Clamps
- 10 9mm Mini Clamps
- 10 10mm Mini Clamps
- 10 11mm Mini Clamps
- 10 13mm Mini Clamps
- 10 14mm Mini Clamps 10 - 15mm Mini Clamps
- 10 17mm Mini Clamps
- 20 8-12mm W2 9mm Band Clamps
- 20 8-16mm W2 9mm Band Clamps
- 20 12-22mm W2 9mm Band Clamps
- 20 16-27mm W2 12mm Band Clamps
- 20 20-32mm W2 12mm Band Clamps
- 20 25-40mm W2 12mm Band Clamps
- 20 32-50mm W2 12mm Band Clamps
- 20 40-60mm W2 12mm Band Clamps
- 20 50-70mm W2 12mm Band Clamps
- 20 60-80mm W2 12mm Band Clamps

#### 280 Clamps in Total.

#### **CODE No.**

#### 41-MCDW2-MO CONTENTS

- 10 8mm Mini Clamps
- 10 9mm Mini Clamps
- 10 10mm Mini Clamps
- 10 11mm Mini Clamps
- 10 13mm Mini Clamps
- 10 14mm Mini Clamps
- 10 15mm Mini Clamps
- 10 17mm Mini Clamps
- 10 5/16 O'Clips
- 10 7/16 O'Clips
- 10 1/2 O'Clips
- 10 9/16 O'Clips
- 10 19/32 O'Clips
- 10 5/8 O'Clips
- 10 3/4 O'Clips
- 10 7/8 O'Clips
- 20 8-12mm W2 9mm Band Clamps
- 20 8-16mm W2 9mm Band Clamps
- 20 12-22mm W2 9mm Band Clamps
- 20 16-27mm W2 12mm Band Clamps
- 20 20-32mm W2 12mm Band Clamps 20 - 25-40mm W2 12mm Band Clamps
- 20 32-50mm W2 12mm Band Clamps
- 20 40-60mm W2 12mm Band Clamps
- 20 50-70mm W2 12mm Band Clamps 20 - 60-80mm W2 12mm Band Clamps
  - 360 Clamps in Total.

#### CODE No.

#### 41-MCDW2-O CONTENTS

- 10 5/16 O'Clips
- 10 7/16 O'Clips
- 10 1/2 O'Clips
- 10 9/16 O'Clips
- 10 19/32 O'Clips
- 10 5/8 O'Clips
- 10 3/4 O'Clips
- 10 7/8 O'Clips
- 20 8-12mm W2 9mm Band Clamps
- 20 8-16mm W2 9mm Band Clamps
- 20 12-22mm W2 9mm Band Clamps
- 20 16-27mm W2 12mm Band Clamps
- 20 20-32mm W2 12mm Band Clamps
- 20 25-40mm W2 12mm Band Clamps
- 20 32-50mm W2 12mm Band Clamps
- 20 40-60mm W2 12mm Band Clamps
- 20 50-70mm W2 12mm Band Clamps
- 20 60-80mm W2 12mm Band Clamps

## 280 Clamps in Total.

#### **CODE No.**

#### 41-MCDW5-O CONTENTS

- 10 5/16 S/steel O'clips
- 10 7/16 S/steel O'clips
- 10 1/2 S/steel O'clips
- 10 9/16 S/steel O'clips
- 10 19/32 C/Steel O'clips
- 10 5/8 S/steel O'clips
- 10 3/4 S/steel O'clips
- 10 7/8 S/steel O'clips
- 20 8-12mm W2 9mm Band Clamps
- 20 8-16mm W5 S/S 9mm Band Clamps
- 20 12-22mm W5 S/S 9mm Band Clamps
- 20 16-27mm W5 S/S 12mm Band Clamps
- 20 20-32mm W5 S/S 12mm Band Clamps
- 20 25-40mm W5 S/S 12mm Band Clamps 20 - 32-50mm W5 S/S 12mm Band Clamps
- 20 40-60mm W5 S/S 12mm Band Clamps
- 20 50-70mm W5 S/S 12mm Band Clamps
- 20 60-80mm W5 S/S 12mm Band Clamps

## 280 Clamps in Total.

**CATEGORY 41.2** 

## **NYLON OLIVE COMPRESSION FITTINGS TO AS3688**

No. 1N	0
Nylor	olive



CODE No.	TUBE	EACH
42-0108	1/2	
42-0112	3/4	
42-0116	1,,,	

ACH	

H	Copper x I	Male
	CODE No.	TU
	42-050808	1
	42.050812	1

CODE No.	TUBE	BSP	EACH
42-050808	1/2 x	1/2	
42-050812	1/2 x	3/4	
42-051208	3/4 x	1/2	
42-051212	3/4 x	3/4	



CODE No.	TUBE	BSP	EACH
42-150808	1/2 x	1/2	
42-151212	3/4 x	3/4	

#### No. 1CO Copper olive



CODE No.	TUBE	EACH
42-0108C	1/2	
42-0112C	3/4	
42-0116C	1"	



No. 5NO

Elbow



**EACH** 

EACH

Female Plate					
CODE No.	TUBE	BSP	EACH		
42-15BP0808	1/2 x	1/2 x 2"			

## No. 2NO **BSP** Compression

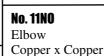


**EACH** 

IUDE		DOL
1/2	X	1/2
1/2	X	3/4
3/4	X	1/2
3/4	X	3/4
1''	X	1"
	1/2 1/2 3/4 3/4	1/2 x 1/2 x 3/4 x 3/4 x 1" x

## 42-15BP1212 3/4 x 3/4 x 2"

#### CODE No. TUBE 42-0208 1/2 42-0212 3/4





CODE No.	TUBE	BSP	EACH
42-MBP08	1/2 x	1/2 x 2"	

## No. 3NO Union Copper x Male

42-0216



CODE No.	TUBE	TUBE
42-1108	1/2 x	1/2
42-1112	3/4 x	3/4

No 99

No. 15NO

Elbow

No. 15BP

No. MBP

Elbow Copper x

Male 2" Long

Copper x Female

Elbow Copper x With



NU. 33	
1/2 Stop End	



CODE No.	TUBE	EACH
42-3308	1/2	

#### TUBE BSP EACH **CODE** No. 42-030808 1/2 x 1/2 42-030812 1/2 x 3/4 42-031208 3/4 x 1/2 42-031212 3/4 x 3/4 42-031616 x 1'

1"





5	
	PRESSURE &
	TEMPERATURE RELIEF

## **No. 4NO** Union Copper x Copper

CODE No.



CODE No.	TUBE X 3	EACH
42-1408	1/2	
42-1412	3/4	
42-141208	3/4 x 3/4 x 1/2	

# **EXPANSION CONTROL**



DESCRIPTION	EACH
1/2" PTR Valve 800kpa	
1/2" PTR Valve 1000kpa	
1/2"PTR Valve 1400kpa	

#### 1/2 x 42-0408 1/2 42-041208 3/4 X 1/2 42-0412 3/4 3/4 X 42-0416

#### CODE No. **DESCRIPTION EACH** 42-ECV700 1/2 Expansion Valve 700kpa 42-ECV850 1/2 Expansion Valve 850kpa 42-ECV1200 1/2 Expansion Valve 1200kpa



## **PRESSURE LIMITING VALVE**

**EACH** 

## **CODE No.** 42-TMV15

**TEMPERING** 

**VALVE** 

**DESCRIPTION** 1/2 Compression 3/4 Compression

**DESCRIPTION** 

42-LST15 1/2 Fbsp Line Strainer

**NON-RETURN ISOLATING VALVE** 

VALVE



42-PLV600FEM

**CODE No.** 

42-PTR850

42-PTR1000

42-PTR1400

**DESCRIPTION** 1/2" Comp. Valve 350kpa 42-PLV350FEM 1/2" FBSP Valve 350kpa 42-PLV500COMP 1/2" Comp. Valve 500kpa 42-PLV500FEM 1/2" FBSP Valve 500kpa 42-PLV60000MP

**CODE No.** 

42-TMV20

**LINE STRAINER** 

**EACH** 

EACH

CODE No. 42-NRI15COMP 42-NRI15FEM

**DESCRIPTION** EACH 1/2 Compression Valve 1/2 FBSP Valve

1/2" Comp. Valve 600kpa 1/2" FBSP Valve 600kpa **CATEGORY 42** 

**BSP** 

1/8

1/4

3/8 1/2

3/4 1"

1-1/4

1-1/2

2"

2-1/2

**BSP** 

1/4

3/8

1/2

3/4

1"

1-1/4

1-1/2

2"

3"

## BRASS DR PLUMBING STYLE SCREWED HTTI

No. 24DR	
Reducing Bus	ł



7	
ı	CODE No.
	43-3301
	43-3302
	43-3303
	43-3304
	43-3305
	43-3306
	43-3307
	43-3308

43-3309

43-3310

**CODE No.** 

43-3402

43-3403

43-3404

43-3405

43-3406

43-3407

43-3408

43-3409

43-3411

No. 33DR

**BSP** Cap



•••				
	E	IC	H	





П	CODE No.	BSP BSP	EACH
	43-7303	3/8 x 1/4	
	43-7304	1/2 x 1/4	
	43-7305	1/2 x 3/8	
	43-7306	3/4 x 3/8	
	43-7307	3/4 x 1/2	
	43-7308	1'' x 1/2	
	43-7309	1'' x 3/4	
	43-7310	1-1/4 x 3/4	
	43-7311	1-1/4 x 1''	
	43-7312	1-1/2 x 1"	
	43-7313	1-1/2 x 1-1/4	
	43-7314	2" x 1-1/4	
	43-7315	2" x 1-1/2	

CODE No.	BSP BSP	EACH
43-2405	1/2 x 1/4	
43-2406	1/2 x 3/8	
43-2410	3/4 x 1/2	
43-2411	1" x 1/2	
43-2412	1" x 3/4	
43-2413	1-1/4 x 1/2	
43-2414	1-1/4 x 3/4	
43-2415	1-1/4 x 1''	
43-2416	1-1/2 x 1/2	
43-2417	$1-1/2 \times 3/4$	
43-2418	1-1/2 x 1''	
43-2419	1-1/2 x 1-1/4	
43-2420	2" x 1/2	
43-2421	2" x 3/4	
43-2422	2" x 1"	
43-2423	2" x 1-1/4	
43-2424	2" x 1-1/2	





**EACH** 

No.74DR	Lock Nut



CODE No.	BSP	EACH
43-7404	1/2	
43-7405	3/4	
43-7406	1"	
43-7407	1-1/4	
43-7408	1-1/2	
43-7409	2''	

<b>No. 25DR</b> MxF Elbow		•
OODE No	nen	

MxF Elbow		
CODE No.	BSP	EACH
43-2501C	1/8	
43-2503C	1/4	
43-2505C	3/8	
43-2507C	1/2	
43-2509C	3/4	
43-2511C	1''	
43-2513C	1-1/4	
43-2514C	1-1/2	
43-2516C	2"	

**BSP** 

1/4

3/8

1/2

3/4

1"

1-1/4

1-1/2

2"

2-1/2

No. 35DR
Female Tee



NU.	OJUN
F x	F Barrel Union



EACH

			1		
CODE No.	BSP	EACH	CODE No.	BSP	
43-3502	1/4		43-8501	1/8	
43-3503	3/8		43-8502	1/4	
43-3504	1/2		43-8503	3/8	
43-3505	3/4		43-8504	1/2	
43-3506	1"		43-8505	3/4	
43-3507	1-1/4		43-8506	1"	
43-3508	1-1/2		43-8507	1-1/4	
43-3509	2"		43-8508	1-1/2	
			43-8509	2"	



**CODE No.** 

43-2602

43-2603

43-2604

43-2605

43-2606

43-2607

43-2608

43-2609

43-2610



No. 6	4DR
Hex	Plug

4

4 4

4

4 4



**No. 87DR** M x F Barrel Union



ODE No.	BSP	EACH	
3-6404	1/2		CODE N
3-6405	3/4		1 0000
3-6406	1"		43-8701
3-6407	1-1/4		43-8702
3-6408	1-1/2		43-8703
3-6409	2,,		43-8704
3 0407			43-8705
		-	1

No. 27DR Hex Nipple



No. 72DR
M&F Adaptor



GUUL NO.	D9L	EAGI
43-8701	1/8	
43-8702	1/4	
43-8703	3/8	
43-8704	1/2	
43-8705	3/4	
43-8706	1''	
43-8707	1-1/4	
43-8708	1-1/2	
43-8709	2"	

Den

CODE No.	BSP	EACH
43-2702	1/4	
43-2703	3/8	
43-2704	1/2	
43-2705	3/4	
43-2706	1''	
43-2707	1-1/4	
43-2708	1-1/2	
43-2709	2"	
43-2710	2-1/2	
43-2711	3''	

los/h			
-			١
	-	- 1	

EACH

4
4
4
2
4

CODE No.	BSP BSP	EACH
43-7210	1/2 x 1/2	
43-7211	3/4 x 1/2	
43-7212	3/4 x 3/4	
43-7213	1" x 1/2	
43-7214	1" x 3/4	

43-7213	1′′ x 1/2
43-7214	1" x 3/4
43-7215	1" x 1"
43-7216	1-1/4 x 3/4
43-7217	1-1/4 x 1''
43-7218	1-1/2 x 1"
43-7219	1-1/2 x 1-1/4
43-7220	2" x 1-1/4
43-7221	2" x 1-1/2
43-7221A	2" x 2"

BSP All Thread

CODE No.	BSP LENGTH	EACH
AT2006	1-1/4 x 6''	
AT2012	1-1/4 x 12"	
AT2406	1-1/2 x 6"	
AT2412	1-1/2 x 12"	
AT3206	2" x 6"	
AT3212	2" x 12"	

Smaller sizes of All Thread are shown in Category 1, page 1.7.

#### No. 29DR Hex Reducing Socket Socket





## **60° BSP BRASS FLARED FITTINGS TO AS 3688**

#### 60° BSP No. 7 Male Flare Union Complete With Nut



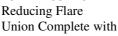
CODE No.	TUBE BSP	EACH
44-070606	3/8 x 3/8	
44-070608	3/8 x 1/2	
44-070806	1/2 x 3/8	
44-070808	1/2 x 1/2	
44-070812	1/2 x 3/4	
44-071206	3/4 x 3/8	
44-071208	3/4 x 1/2	
44-071212	3/4 x 3/4	
44-071216	3/4 x 1"	
44-071612	1" x 3/4	
44-071616	1" x 1"	

## No. 17 60° BSP Flare Union Complete with



CODE No.	TUBE TUBE	EACH
44-1708	1/2 x 1/2	
44-1712	$3/4 \times 3/4$	
44-1716	1" x 1"	

## No. 17R 60° BSP





CODE No.	TUBE	TUBE	EACH
44-17R1208	3/4 x	1/2	
44-17R1612	1" x	3/4	

## NO.36 60° BSP

No.19F 60° BSP

Flare x Female

Tee Complete with Nuts.

Two Way

**CODE No.** 

44-19F0808

44-19F1212

44-19F1616

Female Flare Elbow Complete with Nut

**CODE No.** 

44-360808

44-360812

44-361208

44-361212

44-361612 44-361616



TUBE BSP

1/2 x 1/2

3/4 x 3/4

1" x 1"

TUBE BSP

1/2 x 1/2 1\2 x 3/4

 $3/4 \times 1/2$ 

3/4 x 3/4 1" x 3/4 1" x 1" **EACH** 

**EACH** 

60° BSP No. 8 Male Flare Elbow Complete with Nut



CODE No.	TUBE	BSP	EACH
44-080808	1/2 x	1/2	
44-080812	1/2 x	3/4	
44-081208	3/4 x	1/2	
44-081212	3/4 x	3/4	
44-081216	3/4 x	1"	
44-081616	1'' x	1"	

## No. 18 60° BSP

No.19 60° BSP

Nuts

Three Way Flare

Tee Complete with

Flare Flhow Co

ODE No.	TUBE	TUBE	EACH
omplete wi	th Nuts		

#### 44-1808 1/2 x 1/2 3/4 x 3/4 1" x 1" 44-1812 44-1816

## NO. 36BP 60° BSP

Female Flare Elbow Complete with Nut and **Backing Plate** 



CODE No.	TUBE	BSP	EACH
44-36BP0808	1/2 x	1/2	
44-36BP1208	3/4 x	1/2	
44-36BP1212	3/4 x	3/4	

60° BSP No. 8BP Male Flare Elbow Complete with Nut



**EACH CODE No.** TUBE BSP 1/2 x 1/2 x 2" 44-08BP0808

#### CODE No. **TUBEX3** EACH 44-1908 1/2. 44-1912 3/4 44-1916

NO.6 60° BSP **BSP Flare Nut** 



CODE No.	TUBE	EACH
44-0604	1/4	
44-0606	3/8	
44-0608	1/2	
44-0612	3/4	
44-0616	1"	

#### No.16 60° BSP

Female Flare **Union Complete** with Nut



CODE No	TUBE BSP	EACH
44-160608	3/8 x 1/2	
44-160806	$1/2 \times 3/8$	
44-160808	1/2 x 1/2	
44-160812	1/2 x 3/4	
44-161208	3/4 x 1/2	
44-161212	3/4 x 3/4	
44-161216	3/4 x 1''	
44-161612	1" x 3/4	
44-161616	1" x 1"	

## **No.19R 60° BSP** Three Way Reducing Flare Tee Complete

with Nuts

CODE No.	TUBE TUBE 1&3 2	EACH
44-19R1208 44-19R1612	3/4 x 1/2 1" x 3/4	

#### **HEATER HOSE ADAPTORS**



CODE No.	MALE	FEMALE	EACH
44-160604	3/8 BSP x	1/4 BSPF	
44-160606SAE	3/8 BSP x	3/8 SAEF	

**PLUS 10% GST** 

**CATEGORY 44** 

## **BRASS CAPILLARY FITTINGS**

## No. T2

Female Straight



<b>CODE No</b>	TUBE BSP	EACH
T20808	1/2 x 1/2	
T21208	3/4 x 1/2	
T21212	$3/4 \times 3/4$	
T21616	1" x 1"	
T22020	1-1/4 x 1-1/4	
T22424	1-1/2 x 1-1/2	
T23232	2" x 2"	

TUBE BSP

3/8 x 1/4

1/2 x 1/4

1/2 x 3/8

1/2 x 1/2

1/2 x 3/4 3/4 x 1/2

3/4 x 3/4

1" x 3/4 1" x 1"

1-1/4 x 1"

1-1/4 x 1-1/4

1-1/2 x 1-1/4

1-1/2 x 1-1/2

2" x 1-1/2 2" x 2"

TUBE BSP

1/2 x 1/2

1/2 x 3/4

5/8 x 1/2

3/4 x 3/4 3/4 x 1"

1" x 1"

1-1/4 x 1-1/4 1-1/2 x 1-1/2

2" x 2"

2-1/2 x 2-1/2

3" x 3"

4" x 4"

TUBE BSP

1" x 1"

1-1/4 x 1-1/4

1-1/2 x 1-1/2

2" x 2"

2-1/2 x 2-1/2

3" x 3" 4" x 4"

#### No. T11

Tube x Tube Solder On Barrel Union



EACH

EACH

CODE No.	TUBE TUBE	EACH
T110808	1/2 x 1/2	
T111212	3/4 x 3/4	
T111616	1" x 1"	
T112020	1-1/4 x 1-1/4	
T112424	1-1/2 x 1-1/2	
T113232	2" x 2"	



Bent Tap Connector



CODE No.	TUBE	BSP	EACH
T630808	1/2 x	1/2	
T631212	3/4 x	3/4	

#### No. T69

Tube x MBSP **Barrel Union** 



CODE No.	TUBE BSP	EACH
T690808	1/2 x 1/2	
T691208	3/4 x 1/2	
T691212	3/4 x 3/4	
T691616	1" x 1"	
T692020	1-1/4 x 1-1/4	
T692424	1-1/2 x 1-1/2	
T693232	2" x 2"	

#### No. T3

**CODE No.** T30604

T30804

T30806

T30808

T30812

T31208

T31212

T31612

T31616

T32016

T32020 T32420

T32424

T33224

T33232

**CODE No.** 

T40808

T40812

T41008

T41212

T41216

T41616 T42020

T42424

T43232

T44040

T44848

T46464

No. T4F

**CODE No.** 

T4F1616

T4F2020

T4F2424

T4F3232

T4F4040

T4F4848

T4F6464

Female Tube Bush

Male Straight Connector



	ALC: O	ı
EA	ъш	ı

No. T13 Male Elbow Connector

No. T14

Female Elbow

Connector

CODE No.

T140808

T141212

No. T19

**Back Plate** 

Male

CODE No.	TUBE BSP
T130808	1/2 x 1/2
T131212	$3/4 \times 3/4$

## No. T69F

**CODE No.** 

T69F0808

T69F1208

T69F1212

T69F1616

T69F2020

T69F2424

T69F3232

WF06SF

WF06SR

WF08TF

WF08TR

WF08SF

WF08SR

WF12SF

WF12SR

WF16SF

Tube x FBSP Barrel Union



**EACH** 

No. T4
Male Tube Bush



AN PARK
Section to the
I Marie

EACH

**EACH** 

No. T15	
Female	
Back Plate	



CODE No.	TUBE BSP	EACH
T150808	1/2 x 1/2	
T151212	$3/4 \times 3/4$	

TUBE BSP

1/2 x 1/2

3/4 x 3/4

## WALL FLANGES

**DESCRIPTION** 

3/8 Slip on Flat

3/8 Slip on Raised

1/2 BSP Flat

1/2 BSP Raised

1/2 Slip on Flat

1/2 Slip on Raised

3/4 Slip on Flat

3/4 Slip on Raised

1" Slip on Flat

TUBE BSP

1/2 x 1/2

3/4 x 1/2

 $3/4 \times 3/4$ 1" x 1"

1-1/4 x 1-1/4

1-1/2 x 1-1/2 2" x 2"





EACH

CODE No.	TUBE	BSP	EACH
T190808	1/2 x	1/2	

## **CODE No.**

No. T62	a=601
Straight Tap	
Connector	July 1

Straight Tap Connector			
CODE No.	TUBE	BSP	EACH
T620808	1/2 x	1/2	
T621212	3/4 x	3/4	

## **CATEGORY 45**

# INTEVA

# QUICK CONNECT COUPLINGS AND PLUGS











#### 2-WAY AND 3-WAY BALL VALVES







# INTEVA ISO A SERIES





4.5 (C. SEC) 2.5 (

Flow L/min

The quick couplings of the ISO A series have been designed in accordance with the ISO 7241-A rule. The 1/2" version also meets the requirements of the ISO 5675 rule.

Poppet or ball style available.

Designed chiefly for agricultural and industrial sectors.

For protection during disconnection, plastic caps and plugs have been designed, available from 1/4" to 1". Parkings for the male parts can also be supplied by order. The 1/2" size is available in AISI 303 and brass, as well as with a residual pressure linking systems in the carbon steel version.

Manufactured with BSP female threads according to the DIN/ISO 228 rule and with NPT female threads according to ANSI B 2.1., **other threads available by order.** 

Interchangeable with: FASTER ANV AEROQUIP FD56

PARKER 6600 SNAP-TITE 61

Made in EN10277-3 carbon steel, with all of the

components that require it being subjected to a

hardness process.

Surface finishing: Yellow Bichromate.

Seals: Standard, in NBR. Different seals types can be

supplied by special order.

**Back-up-ring:** In PTFE, TEFLON®.

**Springs:** Manufactured in DIN 17223/84(B) steel.

**Balls:** AISI 1010/1015

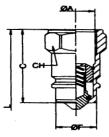
**Working Temp:**  $-25^{\circ}$  to  $+125^{\circ}$  with NBR seals.

**Applications:** The ISO A couplings have been designed for oil

hydraulic applications, and meet the requirements of

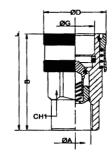
European directive 97.23.EC

Safety Factor: 4:1



<b>MALE</b>

C mm	CH mm	L mm	øF mm	øD mm	B mm	øG mm	CH1 mm
36	19	72	11.8	26	51	13.05	19
40.5	22	81	17.25	32	58.5	18.04	24
46	27	87.5	20.5	38	63.5	23.8	30
56	36	112	29	46	83.5	30.7	38
63	41	126	34.3	55	97	36.7	46
75	50	150	44.95	70	117	47.9	60
83.5	60	167	55	84.5	133	57.7	70
105	75	210	65.1	100	165	70.1	75



**FEMALE** 

Poppet Code Male	Price	Ball Code Male	Price	Thread	Size	Max. working pressure	Poppet Code Female	Price	Ball Code Female	Price
AM04		N/A		BSP/NPT	1/4"	350BAR	AF04		N/A	
AM06		N/A		BSP/NPT	3/8"	300BAR	AF06		N/A	
AM08		AM08B		BSP/NPT	1/2"	300BAR	AF08		AF08B	
AM12		AM12B		BSP/NPT	3/4"	250BAR	AF12		AF12B	
AM16		AM16B		BSP/NPT	1"	230BAR	AF16		AF16B	
AM20*		N/A		BSP/NPT	1-1/4	230BAR	AF20*		N/A	
AM24*		N/A		BSP/NPT	1-1/2	200BAR	AF24*		N/A	
AM32*		N/A		BSP/NPT	2"	130BAR	AF32*		N/A	

**PLUG** 



SIZE	PLUG	PRICE	CAP CODE	PRICE
1/4"	AP04*		AC04*	
3/8"	AP06*		AC06*	
1/2"	AP08*		AC08*	
3/4"	AP12*		AC12*	
1"	AP16*		AC16*	

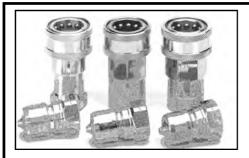
CAP

Please Note: \* Denotes low volume item & may not be in stock. Contact our sales office for confirmation of price & availability.

**CATEGORY 48.2** 

# INTEVA ISOB SERIES





The quick couplings of the ISO B series have been designed in accordance with the ISO 7241-B rule. Both feature a poppet valve.

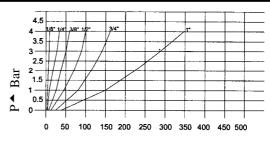
Also available in stainless steel AISI 316 version, designed chiefly for industrial sectors and other applications where a high resistance to corrosion is required.

For the 1/4" version they are available with plastic plugs and plastic caps, to protect the couplings during disconnection.

Manufactured with BSP female threads according to the DIN/ISO 228 rule and with NPT female threads according to ANSIB 2.1., other threads available by order.

**Interchangeable with:** FASTER H AEROOUIP FD45

PARKER 60 **SNAP-TITE 72** 



Flow L/min

Balls:

Material: Made in EN10277-3 carbon steel, with all of

the components that require it being subjected

to a hardness process.

Yellow Bichromate, the carbon steel version Surface finishing: Seals:

NBR Seals for the Carbon Steel version, and VITON

seals for Brass and AISI 316 version.

Back-up-ring: In PTFE, TEFLON®.

Manufactured in DIN 17223/84(B) steel for the **Springs:** 

carbon steel version and stainless steel AISI 302 DIN 17224 for the Brass and AISI 316 version. AISI 1010/1015 (Carbon steel version) and AISI

316 W. 14401 (Brass and AISI 316)

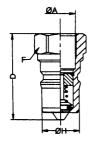
-25° to +125° with NBR seals. Working Temp:

-30° to +250° with VITON® Seals The ISO B couplings have been designed for oil **Applications:** 

hydraulic applications, and meet the

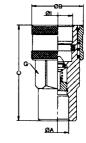
requirements of European directive 97.23.EC

Safety Factor:



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D mm	H mm	F mm	øI mm	øB mm	C mm	G mm
30	10.8	14	12.2	22	49	17
36	14.15	19	15.75	27	57.7	22
40.5	19.10	34	20.25	35	65.6	27
46	23.55	27	25.8	42	74	27
56	31.40	36	32.9	52	90	41
63	37.75	41	40.7	60	103	50



#### **FEMALE**

Size	Code Male Carbon Steel	Price	Code Female Carbon Steel	Price	Max. working pressure	Code Male Brass	Price	Code Female Brass	Price	Max. working pressure
1/8"	BM02CS*		BF02CS*		350BAR	BM02		BF02		90BAR
1/4"	BM04CS*		BF04CS*		350BAR	BM04		BF04		90BAR
3/8"	BM06CS		BF06CS		300BAR	BM06		BF06		90BAR
1/2"	BM08CS*		BF08CS*		280BAR	BM08		BF08		80BAR
3/4"	BM12CS*		BF12CS*		180BAR	BM12		BF12		70BAR
1"	BM16CS*		BF16CS*		150BAR	BM16		BF16		70BAR

Please Note: Inteva ISO B series couplings are available in Stainless Steel upon request, but are not a stocked item. Please contact our sales office for price & availability.

Size	Code Male Stainless Steel	Price	Code Female Stainless Steel	Price
1/8"	BM02SS*		BF02SS*	
1/4"	1/4" BM04SS*		BF04SS*	
3/8"	BM06SS		BF06SS	
1/2"	BM08SS*		BF08SS*	
3/4"	BM12SS*		BF12SS*	
1"	BM16SS*		BF16SS*	

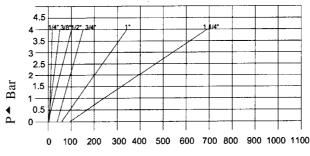
Please Note: \* Denotes low volume item & may not be in stock. Contact our sales office for confirmation of price & availability.

**PLUS 10% GST** 

#### INTEVA DIN/DIA SERIES







Flow L/min

The DIN Series quick couplings have been designed in accordance with the requirements of the ISO 5675 rule. The  $1/2^\circ$  version also meets the

Specifications of the ISO 7241-A rule.

Both parts feature a cut-off valve, **poppet** or **ball** style available. Designed chiefly for agricultural and industrial sectors.

Inteva has designed plastic caps and plugs, as well as steel Parkings, for the 1/2" version. This facilitates protection of the male and female components during disconnection.

The 1/2" version is available in AISI 303 and Brass

Manufactured with BSP female threads according to the DIN/ISO 228 rule and with NPT female threads according to ANSI B 2.1., **other threads available by order.** 

**Interchangeable with:** FASTER NV-NS AEROQUIP FD76 PARKER 4000 SNAP-TITE 60

Material: Made in EN10277-3 carbon steel, with all of the

components that require it being subjected to a

hardness process.

Surface finishing: Yellow Bichromate.

Seals: Standard, in NBR. Different seal types can be

supplied by special order.
In PTFE, TEFLON®.

**Back-up-ring:** In PTFE, TEFLON®. **Springs:** Manufactured in DIN 17223/84(B) steel.

Balls: AISI 1010/1015

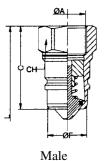
**Working Temp:**  $-25^{\circ}$  to  $+125^{\circ}$  with NBR seals.

**Applications:** The DIN/DIA couplings have been designed for oil

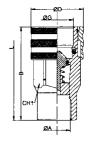
hydraulic applications, and meet the requirements of

European directive 97.23.EC

Safety Factor: 4:



C mm	CH mm	L mm	øF mm	øD mm	B mm	øG mm	CH1 mm
36	19	72	14.2	27	53.5	17	22
40.5	24	81	18.95	34	61	21.6	27
46	27	87.5	20.5	38	63.5	23.8	30
56	36	112	27.95	48	85	31.1	38
56	36	112	27.95	48	85	31.1	38
63	41	126	31.3	55	96.5	34.6	46



Female

Poppet Code Male	Price	Ball Code Male	Price	Thread	Size	Max. working pressure	Poppet Code Female	Price	Ball Code Female	Price
DINM04		N/A		BSP/NPT	1/4"	350BAR	DINF04		N/A	
DINM06		N/A		BSP/NPT	3/8"	300BAR	DINF06		N/A	
AM08		AM08B		BSP/NPT	1/2"	300BAR	AF08		AF08B	
DINM12		N/A		BSP/NPT	3/4"	250BAR	DINF12		N/A	
DINM16		N/A		BSP/NPT	1"	220BAR	DINF16		N/A	

**PLUG** 



SIZE	PLUG CODE	PRICE	CAP CODE	PRICE
1/2"	AP08		AC08	



Please Note: \* Denotes low volume item & may not be in stock. Contact our sales office for confirmation of price & availability.

#### CATEGORY 48.4 PLUS 10% GST

#### **PSH SERIES**



The PSH series quick couplings have been designed in keeping with the ISO 7241-A and the ISO 5675 rules.

They both incorporate a cut-off valve, and optionally a ball lock. Chiefly designed for agricultural sectors.

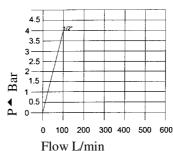
For its protection during disconnection, plastic caps and plugs have been designed. Parking for the male components are available in under request.

The 1/2" version is available by order with a residual pressure linking system.

Make with BSP Female threads according to rule DIN/ISO 228, in NPT female threads according to rule ANSI B 2.1, DIN 2353 threads, DIN  $3852\ threads$  and SAE J514 threads.

Interchangeable with: FASTER PV/CPV

PARKER 4200



Material: Made in EN10277-3 carbon steel, with all of the

components that require it being subjected to a

hardness process.

Surface finishing: Yellow Bichromate.

Seals: Standard, in NBR. Different seal types can be

supplied by order.

In PTFE, TEFLON®. **Back-up-ring: Springs:** Manufactured in DIN 17223/84(B) steel.

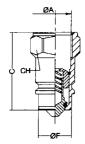
Balls: AISI 1010/1015

**Working Temp:** -25° to +125° with NBR seals.

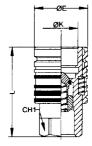
**Applications:** The PSH couplings have been designed for

oil hydraulic applications, and meet the requirements of European directive 97.23.EC

**Safety Factor:** 



C	CH	ØE	L	ØK	CH1
mm	mm	mm	mm	mm	mm
46	27	37.8	72	23.8	27



Male

Female

Valve Code Male	Price	Thread	Size	Max. working pressure	Valve Code Female	Price
AM08		BSP/NPT	1/2"	250BAR	PSHF08	

**PLUG** 



SIZE	PLUG CODE	PRICE	CAP CODE	PRICE
1/2"	AP08		AC08	

**CAP** 



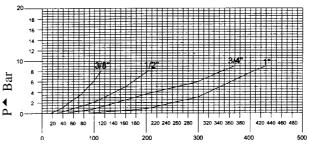
Please Note: \* Denotes low volume item & may not be in stock. Contact our sales office for confirmation of price & availability.

**PLUS 10% GST** 

### INTEVA TFH/TPL SERIES







Flow L/min

The couplings of the TFH series are able to offer high flow passage and reduced pressure drop, thanks to their advanced internal design. These couplings also feature a safety ring, making it possible to block the drop of the jacket, thus preventing accidental disconnection.

Both parts feature a poppet valve.

They have been chiefly designed for the industrial and automotive sectors, to be used in applications such as dump trucks, for which they enable rapid elevation and descent.

The 1/2" version is available with a residual-pressure connection system by order.

Manufactured with BSP female threads according to the DIN/ISO 228 rule, other threads available by order.

**Interchangeable with:** 3/8': TEMA 3800 1/2": TEMA 5000

3/4": TEMA 7500 1": TEMA 10000

Made in EN10277-3 carbon steel, with all of the

components that require it being subjected to a

hardness process.

Surface finishing: Yellow Bichromate.

Seals: Standard, in NBR. Different seal types can be

supplied by order. **Back-up-ring:** In PTFE, TEFLON®.

**Springs:** Manufactured in DIN 17223/84(B) steel.

**Balls:** AISI 1010/1015

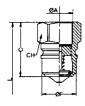
**Working Temp:**  $-25^{\circ}$  to  $+125^{\circ}$  with NBR seals.

**Applications:** The TFH/TPL couplings have been designed for oil

hydraulic applications, and meet the requirements of

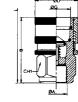
European directive 97.23.EC

Safety Factor: 4



Male

B mm	C mm	ØD mm	CH mm	CH1 mm	L mm	ØF mm	ØG mm
64	40.5	35	22	30	81	19.9	21.6
66.5	41.5	40	27	36	83	24.7	26.8
85	56	52	36	42	112	32.65	34.75
99	63	65	46	55	126	40.8	43.5



Female

Valve Code Male	Price	Thread	Size	Max. working pressure	Valve Code Female	Price
TFHM06		BSP	3/8"	350BAR	TFHF06	
TFHM08		BSP	1/2"	350BAR	TFHF08	
TFHM12		BSP	3/4"	280BAR	TFHF12	
TFHM16		BSP	1"	250BAR	TFHF16	

**PLUG** 



Size	Plug Code	Price	Cap Code	Price
3/8"	TFHP06		TFHC06	
1/2"	TFHP08		TFHC08	
3/4"	TFHP12		TFHC12	
1"	TFHP16		TFHC16	

**CAP** 



Please Note: \* Denotes low volume item & may not be in stock. Contact our sales office for confirmation of price & availability.

#### CATEGORY 48.6

**IFS** 

## INTEVA CPR SERIES





The quick couplings of the CPR series are manufactured in accordance with the ISO 16028 rule requirements.

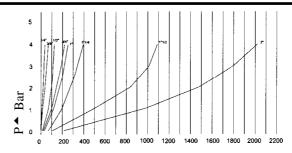
Both parts feature an internal flat valve system that guarantees a total lack of oil leaks during their connection and disconnection.

Conceived for the public works industrial and machinery sectors.

Manufactured with BSP female threads according to the DIN/ISO 228 rule and with NPT threads according to ANSI b 2.1., **other threads available by order.** 

Interchangeable with: AEROQUIP FD89

PARKER FEM SNAP-TITE 74



Flow L/min

Material: Made in EN10277-3 carbon steel, with all of

the components that require it being subjected to a

hardness process.

Surface finishing: Yellow Bichromate.
Seals: Standard, in NBR. D

Standard, in NBR. Different seal types can be

supplied by order.

Back-up-ring: In PTFE, TEFLON®.

Springe: Manufactured in DIN 17222/840

**Springs:** Manufactured in DIN 17223/84(B) steel.

**Balls:** AISI 1010/1015

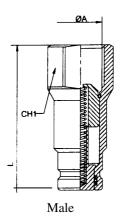
**Working Temp:**  $-30^{\circ}$  to  $+100^{\circ}$  with NBR seals.

**Applications:** The CPR couplings have been designed for oil

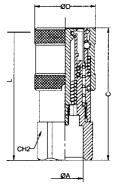
hydraulic applications, and meet the requirements of

European directive 97.23.EC

Safety Factor: 4:1



ØD mm	CH1 mm	CH2 mm	C mm	L mm
28	22	22	48	48
32	24	27	64.5	60
32	27	27	69.5	62.5
36	36	36	80.5	70.5
45	45	45	92.5	82.5
55	55	55	105	90
65	70	65	133	111
80	75	89	165	125



Female

Valve Code Male	Price	Thread	Size	Max. working pressure	Valve Code Female	Price
CPRM04*		BSP/NPT	1/4"	500BAR	CPRF04*	
CPRM06		BSP/NPT	3/8"	350BAR	CPRF06	
CPRM08		BSP/NPT	1/2"	350BAR	CPRF08	
CPRM12*		BSP/NPT	3/4"	350BAR	CPRF12*	
CPRM16		BSP/NPT	1"	350BAR	CPRF16	
CPRM20*		BSP/NPT	1-1/4"	350BAR	CPRF20*	
CPRM24*		BSP/NPT	1-1/2"	350BAR	CPRF24*	

Please Note: \* Denotes low volume item & may not be in stock. Contact our sales office for confirmation of price & availability.

**PLUS 10% GST** 



#### TEVA HPA SERIES

**IFS** 



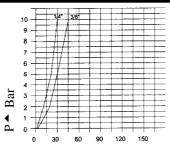
Self tapping units designed for high pressure work with ball lock. The design was meant for installation on cylinders, hydraulic jacks and other general industrial applications.

Likewise, to protect the threads during disconnection, inteva manufactures caps and plugs equipped with a ring and chain.

NPT female according to rule ANSI B 2.1.

Interchangeable with: ENERPAC C-604CEJN 230

PARKER 3000



Flow L/min

Made in EN10277-3 carbon steel Material:

Surface finishing: Zinc Plated

Seals: Standard, in NBR. Different seals types can be

supplied by order. **Back-up-ring:** In PTFE, TEFLON®.

**Springs:** Manufactured in DIN 17223/84(B) steel.

Balls: AISI 1010/1015

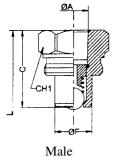
**Working Temp:** -25° to +125° with NBR seals.

**Applications:** The HPA couplings have been designed for oil

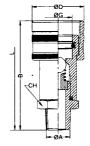
hydraulic applications, and meet the requirements of

European directive 97.23.EC

**Safety Factor:** 



C mm	CH1 mm	CH mm	L mm	ØF mm	ØG mm	B mm	ØD mm
39	27	19	80.6	15.85	15.95	60.5	30
39	32	24	86.5	19	19	72.5	34.5



Female

Valve Code Male	Price	Thread	Size	Max. working pressure	Valve Code Female	Price
HPAM04*		NPT	1/4"	700BAR	HPAF04*	
НРАМ06		NPT	3/8"	700BAR	HPAF06	

**CAP** 



CAP CODE	PRICE	SIZE	PRICE	PLUG CODE
HPAC04*		1/4"		HPAP04*
HPAC06		3/8"		HPAP06

**PLUG** 



Please Note: \* Denotes low volume item & may not be in stock. Contact our sales office for confirmation of price & availability.

#### **CATEGORY 48.8**

#### TEVA V2RH SERIES



Made in calibrated carbon steel, their design has been thoroughly analysed to provide the most advanced features in industrial, agricultural or public works machinery sectors, among others.

Inteva offers the V2RH series in models with mounting holes for situations in which it is necessary to affix them to other installation elements. Inteva offers the possibility to supply the V2RH series with combinations of threads adapted to every need, by order, and in minimum quantities.

Manufactured with BSP female threads according to the DIN/ISO 228 rule and with NPT female threads according to ANSI B 2.1., other threads available by order.

Interchangeable with: PISTER BKH HYDAC KBH

MHA ZENTGRAF BKH DMIC BVH



Material: Made in EN10277-3 carbon steel.

**Surface finishing:** Yellow Bichromate.

Standard, in NBR. Different seal types can be Seals:

supplied by order. **Seating Ball:** Polyamide 6.6

**Balls:** Manufactured in carbon steel DIN 1.4401 and

nickel-plated in Nickel - PTFE, TEFLON®

Handle: In Zamak 5.

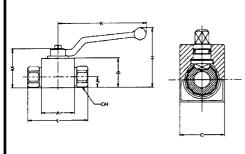
Working Temp: -25° to +125° with NBR seals and seating ball

in polyamide 6.6

**Applications:** The V2RH valves have been designed for

oil hydraulic applications, and meet the requirements of European directive 97.23.EC

**Safety Factor:** 



A mm	B mm	C mm	CH mm	H mm	J mm	K mm	L mm	M mm
40	35	26	22	71	13	105.5	72.6	45.5
45	40	32	27	76	16	105.5	75.4	50.5
50	45	35	30	81	17.5	105.5	84.5	55.5
60	58	50	41	108	23	159.5	93.4	73
65	65	57	46	115	27.5	159.5	114.5	80
80	85	78	50	135	41	159.5	110	100
85	95	85	65	145	44.5	159.5	120	110
80	85	78	55	135	41	159.5	110	100
85	95	85	65	145	44.5	159.5	120	110
100	110	100	80	160	52	159.5	140	125

Please Note: \* Denotes low volume item & may not be in stock. Contact our sales office for confirmation of price & availability.

Valve Code	Price	Thread	Size	Max. working pressure	DN
V2RH04M		BSP	1/4"	500BAR	6
V2RH06M		BSP	3/8"	500BAR	10
V2RH08M		BSP	1/2"	500BAR	13
V2RH12M		BSP	3/4"	400BAR	20
V2RH16		BSP	1"	350BAR	25
V2RH16M		BSP	1''	350BAR	25
V2RH20M*		BSP	1-1/4"	350BAR	25
V2RH24M*		BSP	1-1/2"	350BAR	25

**M**: Denotes the valve has mounting holes.

PLUS 10% GST

#### TEVA V3RH SERIES

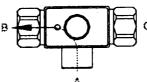


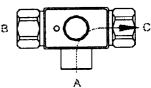


#### **L-Port Ball Valve Configuration**

#### **Position 1**







Made in calibrated carbon steel, their design has been thoroughly analysed to provide the most advanced features in industrial, agricultural or public works machinery sectors, among others.

Inteva V3RH series are supplied with mounting holes for situations in which it is necessary to affix them to other installation elements. Inteva offers the possibility to supply the V3RH series with combinations of threads adapted to every need, by order, and in minimum quantities.

Manufactured with BSP female threads according to the DIN/ISO 228 rule, other threads available by order.

PRESSURE CONNECTIONS MUST ALWAYS BE MADE THROUGH THE CENTRE POST (marked A in diagram).

Interchangeable with: PISTER BK3 HYDAC KHB3

MHA ZENTGRAF BK3 DMIC BV3D Material: Made in EN10277-3 carbon steel

Surface finishing: Yellow bichromate

Standard, in NBR. Different seal types can be Seals:

supplied by order.

Seating Ball: Polyamide 6.6.

**Balls:** Manufactured in carbon steel DIN 1.4401 and nickel-plated in Nickel - PTFE, TEFLON ®

Handle: In Zamak 5

**Working Temp:** -25° to +125° with NBR seals and Seating Ball

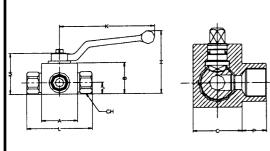
in polyamide 6.6

**Applications:** The V3RH valves have been designed for oil

hydraulic applications, and meet the requirements of

European directive 97.23.EC

**Safety Factor:** 



	A	В	С	СН	Н	J	K	L	M	P
	40	35	26	22	71	13	105.5	72.6	45.5	13
	45	40	32	27	76	16	105.5	75.4	50.5	15
	50	45	35	30	81	18	105.5	84.5	55.5	17.5
	60	58	50	41	108	23	159.5	93.4	73	19
	65	65	57	46	115	27.5	159.5	114.5	80	25
ļ	80	85	78	50	135	41	159.5	110	100	28
	85	95	85	65	145	44.5	159.5	120	110	28

L-Port Valve Code	Price	Thread	Size	Max. working pressure	DN
V3RH04M		BSP	1/4"	500BAR	6
V3RH06M		BSP	3/8"	500BAR	10
V3RH08M		BSP	1/2"	500BAR	13
V3RH12M		BSP	3/4"	400BAR	20
V3RH16M		BSP	1"	350BAR	25
V3RH20M*		BSP	1-1/4"	350BAR	25
V3RH24M*		BSP	1-1/2"	350BAR	25
V3RH04*		BSP	1/4''	500BAR	6
V3RH12*		BSP	3/4''	400BAR	20
V3RH16*		BSP	1"	350BAR	25

**M**: Denotes the valve has mounting holes.

> **Please Note**: \* Denotes low volume item & may not be in stock. Contact our sales office for confirmation of price & availability.

T-Port Ball Valves are available upon request, but are not a stocked item. As such they would have to be specially ordered from overseas.

CATEGORY 48.10

**IFS** 

#### FIRE SUPPRESSION RANGE











We have developed a range of fire suppression fittings commonly used within the industry. The following pictures show some of the items which are currently on file, however with the growth seen in this area over the past 2 years this range continues to expand to meet the demands dictated by the industry. We have a Brass manufacturing facility in Brisbane which allows us to make fittings to customer requirements. We have been manufacturing Brass fittings for more than 20 years and have the latest CNC lathes, robotic feeders, CNC saws, machining centres and CAD facilities that help turn concept into reality. Our manufacturing facility is an important part of the structure of our company and allows us the flexibility that others in our industry can't offer. We pride ourselves on being Australian manufacturers. Speak to our sales team about your needs and be confident in the fact that your fittings are being manufactured by a reputable Australian repetitious engineering company.























**PLUS 10% GST** 

**CATEGORY 49** 





# **Imperial Bronze Bushes**



Part Number	ID x OD x Length	Part Number	ID x OD x Length
FB1	5/16" x 7/16" @ 1/2"	FB210	9/16" x 3/4" @ 1"
FB2	5/16" x 7/16" @ 1-1/2"	FB214	9/16" x 3/4" @ 1-1/2"
FB3	5/16" x 7/16" @ 3/4"	FB216	9/16" x 3/4" @ 1-3/4"
FB4	5/16" x 7/16" @ 1"	FB217	9/16" x 3/4" @ 2"
FB10	3/8" x 1/2" @ 3/4"	FB219	9/16" x 3/4" @ 2-1/4"
FB11	3/8" x 1/2" @ 1"	FB220	9/16" x 3/4" @ 2-1/2"
FB12	3/8" x 1/2" @ 2"	FB222	9/16" x 13/16" @ 1-1/2"
FB13	3/8" x 1/2" @ 1-1/2"	FB224	9/16" x 13/16" @ 2"
FB19	7/16"x 9/16" @ 3/4"	FB227	9/16" x 7/8" @ 1-1/2"
FB20	7/16" x 9/16" @ 1"	FB228	9/16" x 7/8" @ 2"
FB22	7/16" x 9/16" @ 1-1/2"	FB231	9/16" x 1" @ 1-1/2"
FB25	7/16" x 9/16" @ 2'''	FB232	9/16" x 1" @ 2"
FB27	7/16" x 5/8" @ 1-1/2"	FB236	9/16" x 13/16" @ 1"
FB29	7/16" x 5/8" @ 2"	FB237	9/16" x 7/8" @ 1"
FB30	7/16" x 11/16" @ 1-1/2"	FB301	5/8" x 11/16" @ 1-1/2"
FB32	7/16" x 11/16" @ 2"	FB302	5/8" x 11/16" @ 2"
FB36	7/16" x 5/8" @ 1"	FB303	5/8" x 3/4" @ 3/4"
FB39	7/16" x 11/16" @ 1"	FB304	5/8" x 3/4" @ 1"
FB99	1/2" x 3/4" @ 3/4"	FB305	5/8" x 3/4" @ 1-1/4"
FB100	1/2" x 9/16" @ 1-1/2"	FB307	5/8" x 3/4" @ 1-1/2"
FB101	1/2" x 5/8" @ 3/4"	FB308	5/8" x 3/4" @ 1-3/4"
FB102	1/2" x 5/8" @ 1"	FB309	5/8" x 3/4" @ 2"
FB103	1/2" x 5/8" @ 1-1/4"	FB310	5/8" x 3/4" @ 2-1/4"
FB104	1/2" x 5/8" @ 1-1/2"	FB311	5/8" x 3/4" @ 2-1/2"
FB106	1/2" x 5/8" @ 2"	FB312	5/8" x 3/4" @ 3"
FB107	1/2" x 11/16" @ 1"	FB313	5/8" x 13/16" @ 1"
FB110	1/2" x 11/16" @ 1-1/2"	FB315	5/8" x 13/16" @ 1-1/2"
FB112	1/2" x 11/16" @ 2"	FB317	5/8" x 13/16" @ 2"
FB113	1/2" x 3/4" @ 1"	FB319	5/8" x 13/16" @ 2-1/2"
FB115	1/2" x 3/4" @ 1-1/2"	FB321	5/8" x 7/8" @ 3/4"
FB116	1/2" x 3/4" @ 1-3/4"	FB322	5/8" x 7/8" @ 1"
FB117	1/2" x 3/4" @ 2"	FB324	5/8" x 7/8" @ 1-1/4"
FB119	1/2" x 3/4" @ 2-1/2"	FB325	5/8" x 7/8" @ 1-1/2"
FB120	1/2" x 7/8" @ 1-1/2"	FB326	5/8" x 7/8" @ 1-3/4"
FB121	1/2" x 7/8" @ 2"	FB328	5/8" x 7/8" @ 2"
FB122	1/2" x 1" @ 2"	FB329	5/8" x 7/8" @ 2-1/4"
FB200	9/16" x 11/16" @ 1"	FB330	5/8" x 7/8" @ 2-1/2"
FB203	9/16" x 11/16" @ 1-1/2"	FB331	5/8" x 7/8" @ 3"
FB206	9/16" x 11/16" @ 1-3/4"	FB334	5/8" x 1" @ 1-1/4"
FB207	9/16" x 11/16" @ 2"	FB335	5/8" x 1" @ 2"

**CATEGORY 87.**1





# **Imperial Bronze Bushes**



Part Number	ID x OD x Length	Part Number	ID x OD x Length
FB337	5/8" x 1" @ 2-1/2"	FB603	13/16" x 15/16" @ 2"
FB400	11/16" x 13/16" @ 1"	FB605	13/16" x 1" @ 1-1/2"
FB401	11/16" x 13/16" @ 1-1/2"	FB606	13/16" x 1" @ 2"
FB403	11/16" x 13/16" @ 2"	FB607	13/16" x 1" @ 2-1/2"
FB406	11/16" x 7/8" @ 1"	FB608	13/16" x 1-1/16" @ 2"
FB409	11/16" x 7/8" @ 2"	FB610	13/16" x 1-1/16" @ 2-1/2"
FB412	11/16" x 15/16" @ 1"	FB612	13/16" x 1-1/16" @ 3"
FB413	11/16" x 15/16" @ 1-1/2"	FB700	7/8" x 1" @ 1"
FB415	11/16" x 15/16" @ 2"	FB702	7/8" x 1" @ 1-1/4"
FB418	11/16" x 1" @ 2"	FB703	7/8" x 1" @ 1-1/2"
FB490	3/4" x 1" @ 3/4"	FB705	7/8" x 1" @ 2"
FB500	3/4" x 13/16" @ 1-1/2"	FB707	7/8" x 1" @ 2-1/2"
FB501	3/4" x 7/8" @ 3/4"	FB708	7/8" x 1" @ 3"
FB502	3/4" x 7/8" @ 1"	FB709	7/8" x 1-1/16" @ 1"
FB504	3/4" x 7/8" @ 1-1/4"	FB711	7/8" x 1-1/16" @ 1-1/2"
FB505	3/4" x 7/8" @ 1-1/2"	FB713	7/8" x 1-1/16" @ 2"
FB507	3/4" x 7/8" @ 2"	FB715	7/8" x 1-1/16" @ 2-1/2"
FB510	3/4" x 7/8" @ 2-1/2"	FB717	7/8" x 1-1/8" @ 1-1/4"
FB511	3/4" x 15/16" @ 1"	FB718	7/8" x 1-1/8" @ 1-1/2"
FB515	3/4" x 15/16" @ 1-1/2"	FB720	7/8" x 1-1/8" @ 2"
FB518	3/4" x 15/16" @ 2"	FB721	7/8" x 1-1/8" @ 2-1/4"
FB519	3/4" x 15/16" @ 2-1/4"	FB722	7/8" x 1-1/8" @ 2-1/2"
FB520	3/4" x 15/16" @ 2-1/2"	FB723	7/8" x 1-1/8" @ 3"
FB522	3/4" x 1" @ 1"	FB725	7/8" x 1-1/4" @ 1-1/2"
FB523	3/4" x 1" @ 1-1/4"	FB726	7/8" x 1-1/4" @ 2"
FB524	3/4" x 1" @ 1-1/2"	FB728	7/8" x 1-1/4" @ 2-1/2"
FB525	3/4" x 1" @ 1-3/4"	FB729	7/8" x 1-1/4" @ 3"
FB526	3/4" x 1" @ 2"	FB730	7/8" x 1-3/8" @ 3"
FB528	3/4" x 1" @ 2-1/4"	FB731	15/16" x 1-1/16" @ 1-1/2"
FB529	3/4" x 1" @ 2-1/2"	FB732	15/16" x 1-1/16" @ 2"
FB530	3/4" x 1" @ 3"	FB733	15/16" x 1-1/16" @ 2-1/2"
FB531	3/4" x 1-1/16" @ 2"	FB734	15/16" x 1-1/16" @ 1-1/4"
FB532	3/4" x 1-1/16" @ 2-1/2"	FB735	15/16" x 1-1/8" @ 2-1/4"
FB533	3/4" x 1-1/8" @ 1-1/2"	FB736	15/16" x 1-1/8" @ 3"
FB534	3/4" x 1-1/8" @ 2"	FB738	15/16" x 13/16" @ 2"
FB536	3/4" x 1-1/8" @ 2-1/2"	FB800	1" x 1-1/16" @ 1-1/2"
FB537	3/4" x 1-1/8" @ 3"	FB801	1" x 1-1/8" @ 1"
FB538	3/4" x 1-3/4" @ 2-1/2"	FB802	1" x 1-1/8" @ 1-1/4"
FB600	13/16" x 15/16" @ 1"	FB803	1" x 1-1/8" @ 1-1/2"
FB602	13/16" x 15/16" @ 1-1/2"	FB805	1" x 1-1/8" @ 2"

**PLUS 10% GST** 





# **Imperial Bronze Bushes**



Part Number	ID x OD x Length	Part Number	ID x OD x Length
FB806	1" x 1-1/8" @ 2-1/2"	FB1008	1-1/4" x 1-1/2" @ 4"
FB807	1" x 1-1/8" @ 3"	FB1009	1-1/4" x 1-5/8" @ 1-3/4"
FB808	1" x 1-3/16" @ 1-1/2"	FB1010	1-3/8" x 1-5/8" @ 2"
FB809	1" x 1-3/16" @ 2"	FB1011	1-3/8" x 1-5/8" @ 3"
FB810	1" x 1-1/16" @ 2-1/2"	FB1012	1-3/8" x 1-3/4" @ 4"
FB811	1" x 1-1/4" @ 1"	FB1013	1-1/2" x 1-5/8" @ 2"
FB812	1" x 1-1/4" @ 1-1/8"	FB1014	1-1/2" x 1-3/4" @ 2-1/2"
FB813	1" x 1-1/4" @ 1-1/4"	FB1015	1-1/2" x 1-3/4" @ 3"
FB814	1" x 1-1/4" @ 1-1/2"	FB1016	1-1/2" x 1-3/4" @ 3-1/2"
FB815	1" x 1-1/4" @ 1-3/4"	FB1017	1-1/2" x 1-3/4" @ 4"
FB816	1" x 1-1/4" @ 2"	FB1018	1-3/4" x 2-1/8" @ 4"
FB818	1" x 1-1/4" @ 2-1/2"	FB1019	2" x 2-1/4" @ 3-1/2"
FB820	1" x 1-1/4" @ 3"	FB1020	1-1/2" x 2" @ 2-1/2"
FB821	1" x 1-1/4" @ 3-1/2"	FB1021	1-1/2" x 2" @ 3"
FB822	1" x 1-1/4" @ 4"	FB1022	1-1/2" x 2" @ 3-1/2"
FB823	1" x 1-3/8" @ 2"	FB1023	1-1/2" x 2" @ 4"
FB824	1" x 1-3/8" @ 2-1/2"	FB1030	1-3/4" x 2" @ 2-1/2"
FB825	1" x 1-3/8" @ 3"	FB1031	1-3/4" x 2" @ 3"
FB827	1" x 1-3/8" @ 1-1/2"	FB1032	1-3/4" x 2" @ 3-1/2"
FB900	1-1/8" x 1-1/4" @ 1-1/2"	FB1033	1-3/4" x 2" @ 4"
FB901	1-1/8" x 1-1/4" @ 2"	FB1036	1-3/4" x 2-1/4" @ 2-1/4"
FB902	1-1/8" x 1-1/4" @ 2-1/2"	FB1037	1-3/4" x 2-1/4" @ 3"
FB903	1-1/8" x 1-1/4" @ 3"	FB1038	1-3/4" x 2-1/4" @ 3-1/2"
FB904	1-1/8" x 1-3/8" @ 2"	FB1039	1-3/4" x 2-1/2" @ 4"
FB906	1-1/8" x 1-3/8" @ 3"	FB1040	2" x 2-1/4" @ 2-1/2"
FB907	1-1/8" x 1-3/8" @ 3-1/2"	FB1041	2" x 2-1/4" @ 3"
FB908	1-1/8" x 1-3/8" @ 4"	FB1050	2" x 2-1/2" @ 2-1/2"
FB909	1-1/8" x 1-1/2" @ 3"	FB1051	2" x 2-1/2" @ 3"
FB910	1-3/8" x 1-3/4" @ 4"	FB1052	2" x 2-1/2" @ 3-1/2"
FB912	1-1/4" x 1-1/2" @ 1"	FB1053	2" x 2-1/2" @ 4"
FB914	1-1/4" x 1-1/2" @ 1-1/2"	FB1060	2-1/4" x 2-3/4" @ 2-1/2"
FB996	1-1/2" x 1-3/4" @ 1-1/2"	FB1061	2-1/4" x 2-3/4" @ 3"
FB998	1-1/2" x 1-3/4" @ 2"	FB1062	2-1/4" x 2-3/4" @ 3-1/2"
FB1000	1-1/4" x 1-3/8" @ 1-1/2"	FB1063	2-1/4" x 2-3/4" @ 4"
FB1001	1-1/4" x 1-3/8" @ 3"	FB1070	2-1/2" x 3" @ 2-1/2"
FB1002	1-1/4" x 1-1/2" @ 1-3/4"	FB1071	2-1/2" x 3" @ 3"
FB1003	1-1/4" x 1-1/2" @ 2"	FB1072	2-1/2" x 3" @ 3-1/2"
FB1004	1-1/4" x 1-1/2" @ 2-1/2"	FB1073	2-1/2" x 3" @ 4"
FB1005	1-1/4" x 1-1/2" @ 3"		
FB1007	1-1/4" x 1-1/2" @ 3-1/2"		

**CATEGORY 87.3** 





# **Metric Bronze Bushes**



Part Number	ID x OD x Length	Part Number	ID x OD x Length
FBM081010	08 x 10 x 10	FBM162480	16 x 24 x 80
FBM081020	08 x 10 x 20	FBM202430	20 x 24 x 30
FBM081030	08 x 10 x 30	FBM202440	20 x 24 x 40
FBM081040	08 x 10 x 40	FBM202450	20 x 24 x 50
FBM081210	08 x 12 x 10	FBM202460	20 x 24 x 60
FBM081220	08 x 12 x 20	FBM202480	20 x 24 x 80
FBM081230	08 x 12 x 30	FBM203030	20 x 30 x 30
FBM081240	08 x 12 x 40	FBM203040	20 x 30 x 40
FBM101220	10 x 12 x 20	FBM203050	20 x 30 x 50
FBM101230	10 x 12 x 30	FBM203060	20 x 30 x 60
FBM101240	10 x 12 x 40	FBM203080	20 x 30 x 80
FBM101620	10 x 16 x 20	FBM253030	25 x 30 x 30
FBM101630	10 x 16 x 30	FBM253040	25 x 30 x 40
FBM101640	10 x 16 x 40	FBM253050	25 x 30 x 50
FBM101650	10 x 16 x 50	FBM253060	25 x 30 x 60
FBM121620	12 x 16 x 20	FBM253080	25 x 30 x 80
FBM121630	12 x 16 x 30	FBM2530100	25 x 30 x 100
FBM121640	12 x 16 x 40	FBM253530	25 x 35 x 30
FBM121650	12 x 16 x 50	FBM253540	25 x 35 x 40
FBM122020	12 x 20 x 20	FBM253550	25 x 35 x 50
FBM122030	12 x 20 x 30	FBM253560	25 x 35 x 60
FBM122040	12 x 20x 40	FBM253580	25 x 35 x 80
FBM122050	12 x 20 x 50	FBM2535100	25 x 35 x 100
FBM162020	16 x 20 x 20	FBM303530	30 x 35 x 30
FBM162030	16 x 20 x 30	FBM303540	30 x 35 x 40
FBM162040	16 x 20 x 40	FBM303550	30 x 35 x 50
FBM162050	16 x 20 x 50	FBM303560	30 x 35 x 60
FBM162060	16 x 20 x 60	FBM303580	30 x 35 x 80
FBM162430	16 x 24 x 30	FBM3035100	30 x 35 x 100
FBM162440	16 x 24 x 40	FBM304030	30 x 40x 30
FBM162450	16 x 24 x 50	FBM304040	30 x 40 x 40
FBM162460	16 x 24 x 60	FBM304050	30 x 40 x 50

**PLUS 10% GST** 

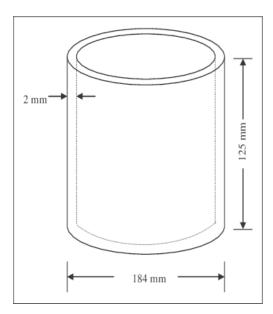




## **Metric Bronze Bushes**







LG2	Bronze	_

Is a copper alloy Having Excellent Strength and wearing characteristics. Bronze is predominantly used as a bearing material. It is often the sacrificial component used to protect other more expensive equipment.

Part Number	ID x OD x Length
FBM304060	30 x 40 x 60
FBM304080	30 x 40 x 80
FBM3040100	30 x 40 x 100
FBM354040	35 x 40 x 40
FBM354050	35 x 40 x 50
FBM354060	35 x 40 x 60
FBM354080	35 x 40 x 80
FBM3540100	35 x 40 x 100
FBM354540	35 x 45 x 40
FBM354550	35 x 45 x 50
FBM354560	35 x 45 x 60
FBM354580	35 x 45 x 80
FBM3545100	35 x 45 x 100
FBM404540	40 x 45 x 40
FBM404550	40 x 45 x 50
FBM404560	40 x 45 x 60
FBM404580	40 x 45 x 80
FBM4045100	40 x 45 x 100
FBM405040	40 x 50 x 40
FBM405050	40 x 50 x 50
FBM405060	40 x 50 x 60
FBM405080	40 x 50 x 80
FBM4050100	40 x 50 x 100
FBM455550	45 x 55 x 50
FBM455560	45 x 55 x 60
FBM455580	45 x 55 x 80
FBM4555100	45 x 55 x 100
FBM506050	50 x 60 x 50
FBM506060	50 x 60x 60
FBM506080	50 x 60 x 80
FBM5060100	50 x 60 x 100

#### **CATEGORY 87.5**





# **LG2 Bronze @ 305mm**



Metric Size	Imperial Size
836-12.7	1/2
836-15.88	5/8
836-19.05	3/4
836-22.22	7/8
836-25.4	1
836-28.58	1-1/8
836-31.75	1-1/4
836-34.93	1-3/8
836-38.1	1-1/2
836-41.28	1-5/8
836-44.45	1-3/4
836-47.63	1-7/8
836-50.8	2
836-57.15	2-1/4
836-63.5	2-1/2
836-69.85	2-3/4
836-76.2	3
836-82.55	3-1/4
836-88.9	3-1/2
836-95.25	3-3/4
836-101.6	4
836-114.3	4-1/2
836-127	5
836-139.7	5-1/2
836-152.4	6
836-177.8	7
836-203.2	8
836-228.6	9
836-254	10

**PLUS 10% GST** 





# **LG2 Bronze @ 305mm**



Metric Size	Imperial Size
836-25.40x12.70	1 x 1/2
836 25.40x19.05	1 x 3/4
836 28.58x19.05	1-1/8 x 3/4
836 31.75x12.70	1-1/4 x 1/2
836 31.75x19.05	1-1/4 x 3/4
836 31.75x25.40	1-1/4 x 1
836 34.93x25.40	1-3/8 x 1
836 38.10x12.70	1-1/2 x 1/2
836 38.10x19.05	1-1/2 x 3/4
836 38.10x25.40	1-1/2 x 1
836 38.10x31.75	1-1/2 x 1-1/4
836 41.28x25.40	1-5/8 x 1
836 41.28x31.75	1-5/8 x 1-1/4
836 44.45x19.05	1-3/4 x 3/4
836 44.45x25.40	1-3/4 x 1
836 44.45x31.75	1-3/4 x 1-1/4
836 44.45x38.10	1-3/4 x 1-1/2
836-50.80x19.05	2 x 3/4
836-50.80x25.40	2 x 1
836-50.80x31.75	2 x 1-1/4
836-50.80x38.10	2 x 1-1/2
836-50.80x44.45	2 x 1-3/4
836-57.15x19.05	2-1/4 x 3/4
836-57.15x25.40	2-1/4 x 1
836-57.15x31.75	2-1/4 x 1-1/4
836-57.15x38.10	2-1/4 x 1-1/2
836-57.15x44.45	2-1/4 x 1-3/4
836-57.15x50.80	2-1/4 x 2
836-63.50x19.05	2-1/2 x 3/4
836-63.50x25.40	2-1/2 x 1
836-63.50x31.75	2-1/2 x 1-1/4
836-63.50x38.10	2-1/2 x 1-1/2
836-63.50x44.45	2-1/2 x 1-3/4
836-63.50x50.80	2-1/2 x 2
836-69.85x25.40	2-3/4 x 1
836-69.85x31.75	2-3/4 x 1-1/4
836-69.85x38.10	2-3/4 x 1-1/2
836-69.85x44.45	2-3/4 x 1-3/4
836-69.85x50.80	2-3/4 x 2
836-69.85x57.15	2-3/4 x 2-1/4
836-76.20x25.40	3 x 1
836-76.20x31.75	3 x 1-1/4
836-76.20x38.10	3 x 1-1/2
836-76.20x44.45	3 x 1-3/4
836-76.20x50.80	3 x 2
836-76.20x57.20	3 x 2-1/4
836-76.20x63.50	3 x 2-1/2
836-82.55x25.40	3-1/4 x 1
836-82.55x38.10	3-1/4 x 1-1/2
836-82.55x44.45	3-1/4 x 1-3/4
836-82.55x50.80	3-1/4 x 2
836-82.55x57.15	3-1/4 x 2-1/4
836-82.55x63.50	3-1/4 x 2-1/2

Metric Size	Imperial Size
	_
836-82.55x69.85	3-1/4 x 2-3/4
836-88.90x25.40	3-1/2 x 1
836-88.90x38.10	3-1/2 x 1-1/2
836-88.90x44.45	3-1/2 x 1-3/4
836-88.90x50.80	3-1/2 x 2
836-88.90x57.20	3-1/2 x 2-1/4
836-88.90x63.50	3-1/2 x 2-1/2
836-88.90x69.85	3-1/2 x 2-3/4
836-88.90x76.20	3-1/2 x 3
836-95.25x50.80	3-3/4 x 2
836-95.25x63.50	3-3/4 x 2-1/2
836-95.25x69.85	3-3/4 x 2-3/4
836-95.25x76.20	3-3/4 x 3
836-101.60x25.40	4 x 1
836-101.60x38.10	4 x 1-1/2
836-101.60x50.80	4 x 2
836-101.60x63.50	4 x 2-1/2
836-101.60x69.85	4 x 2-3/4
836-101.60x76.20	4 x 3
836-101.60x88.90	4 x 3-1/2
836-114.30x38.10	4-1/2 x 1-1/2
836-114.30x50.80	4-1/2 x 2
836-114.30x 63.50	4-1/2 x 2-1/2
836-114.30x76.20	4-1/2 x 3
836-114.30x 88.90	4-1/2 x 3-1/2
836-114.30x101.60	4-1/2 x 4
836-120.65x50.80	4-3/4 x 2
836-127.00x50.80	5 x 2
836-127.00x63.50	5 x 2-1/2
836-127.00x76.20	5 x 3
836-127.00x88.90	5 x 3-1/2
836-127.00x101.60	5 x 4
836-139.70x50.80	5-1/2 x 2
836-139.70x63.50	5-1/2 x 2-1/2
836-139.70x76.20	5-1/2 x 3
836-139.70x88.90	5-1/2 x 3-1/2
836-139.70x101.60	5-1/2 x 4
836-139.70x114.30	5-1/2 x 4-1/2
836-152.40x50.80	6 x 2
836-152.40x76.20	6 x 3
836-152.40x88.90	6 x 3-1/2
836-152.40x101.60	6 x 4
836-152.40x114.30	6 x 4-1/2
836-152.40x127.00	6 x 5
836-165.10x101.60	6-1/2 x 4
836-165.10x114.30	6-1/2 x 4-1/2
836-165.10x127.00	6-1/2 x 5
836-165.10x 139.70	6-1/2 x 5-1/2
836-177.80x76.20	7 x 3
836-177.80x101.60	7 x 4
836-177.80x127.00	7 x 5
836-177.80x139.70	7 x 5-1/2
836-177.80x152.40	7 x 6
836-190.50x101.60	7-1/2 x 4
	•

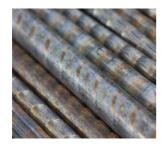
**CATEGORY 87.**7





# **LG2 Bronze @ 305mm**

Metric Size	Imperial Size
836-190.50x139.70	7-1/2 x 5-1/2
836-190.50x152.40	7-1/2 x 6
836-203.20x76.20	8 x 3
836-203.20x101.60	8 x 4
836-203.20x127.00	8 x 5
836-203.20x152.40	8x 6
836-203.20x177.80	8 x 7
836-215.90x177.80	8-1/2 x 7
836-228.60x127.00	9 x 5
836-228.60x152.40	9 x 6
836-228.60x177.80	9 x 7
836-228.60x203.20	9 x 8
836-254.00x127.00	10 x 5
836-254.00x152.40	10 x 6
836-254.00x177.80	10 x 7
836-254.00x203.20	10 x 8
836-254.00x228.60	10 x 9
836-279.40x177.80	11 x 7
836-279.40x203.20	11 x 8
836-279.40x228.60	11 x 9
836-304.80x152.4	12 x 6
836-304.80x203.20	12 x 8
836-304.80x228.60	12 x 9
836-304.80x254.00	12 x 10





**PLUS 10% GST**