

# 3

## QUICK CONNECT HYDRAULIC, FLUID & INDUSTRIAL COUPLINGS

Quick connect couplings are designed for replacing or swapping lines quickly & easily. Made to be connected & disconnected without the use of tools, or losing product. This eliminates the need to close valves, purge for trapped gases or bleed the system.

### HYDRAULIC



**111**  
X65 Series  
Flat Faced  
ISO 16028



**112**  
X66 Series  
ISO 16028



**113**  
525 Series  
Nordic Range



**114**  
232 Series



**115**  
358  
Snap-Check  
Series



**116**  
Plug-In WEO  
350 Series



**118**  
Flat Faced  
Couplings  
ISO 16028



**119**  
ISO A Series



**120**  
ISO B Series



**121**  
ISO B Series  
Brass



**122**  
ISO B Series



**123**  
Screw to  
Connect



**124**  
Stainless Steel  
Couplings  
30 & 40 Series



**125**  
H Series  
Interchange



**127**  
HQ Series –  
ISO 16028  
Flat Face  
Couplings



**127**  
HCP Series –  
ISO 16028  
Flat Face  
Nipples



**128**  
DIN V Series –  
ISO 5675  
Poppet Seal  
Couplings



**128**  
DIN B Series –  
ISO 5675  
Ball Seal  
Couplings



**129**  
IA Series  
Hydraulic ISO  
A & B



**129**  
IB Series  
Hydraulic ISO  
A & B



**129**  
IBB Series  
Hydraulic ISO  
A & B



**130**  
TC Series  
Screw to  
Connect







**130**  
PWC Series  
Pressure  
Washer  
Couplings

# QUICK CONNECT HYDRAULIC, FLUID & INDUSTRIAL COUPLINGS

## ULTRA HIGH PRESSURE

CEJN						
						
132 115 Series	133 116 Series	134 125 Series	135 135 Series	136 218 Series	137 950 Series Porting Blocks	138 950 Series Adaptors

## FLUID

CEJN								
								
141 DLC Series & 767 Series	142 ultraFLOW 287 Series	143 ultraFLOW 487 Series	144 ultraFLOW 587 Series	145 ultraFLOW 987 Series Screw to Connect	146 Non-Drip Fluid Series – Brass	147 321 Series	148 324 Series	149 411 Series

CEJN		
		
150 414 Series	151 417 Series	152 604 Series & 704 Series








PARKAIR®		
		
153 45 Series	154 CP20 Series	155 Mould Couplings

CEJN	
	
157 Non-Drip Stainless Steel Series	158 Stainless Steel 326 Series

## INDUSTRIAL

CEJN


158 Stainless Steel 416 Series

PARKAIR®						
						
160 Cam & Groove	164 Lever Lock Couplings	164 Suction / Delivery Couplings	165 Lugged Polypropylene Fittings	166 Ground Joint Couplings	166 Strainers & Foot Valves	167 Geka Type Water Couplings

PARKAIR®	
	
168 Double Lock Couplings	168 Macdonald Style Couplings

LUDECKE

169 Claw Couplings

PARKAIR®

175 WhipCheck

PARKAIR®	
	
177 Instantaneous Couplings, Plugs & Caps	178 IBC Adaptors & Accessories



# Hydraulic Couplings

Hydraulic couplings transmit the rotational force between two shafts by using transmission fluid. They are commonly used in vehicle transmission systems, marine propulsion systems, and power transmission industries. The pages ahead showcase hydraulic couplings from dependable brands CEJN, Holmbury, and PARKAIR. These couplings are designed to reduce shock and vibration, ensuring a smooth and efficient power transfer.

## Types

- Agricultural
- Flat-faced
- Nordic
- WEO
- Snap-check pressure testing
- ISO A and B
- Screw to connect
- H series interchange

## Available Ranges

- CEJN X64 Series Flat Faced Nipples ISO 16028
- CEJN X65 Series Flat Faced Couplings ISO 16028
- CEJN X66 Series Flat Faced ISO 16028 – Stainless Steel
- CEJN 525 Series Nordic Range
- CEJN 232 Series
- CEJN 358 Snap-Check Series – Pressure Testing
- CEJN WEO Series – Plug-In
- PARKAIR Flat-Faced Couplings – ISO 16028
- PARKAIR ISO A Series
- PARKAIR ISO B Series
- PARKAIR ISO B Series – Brass
- PARKAIR ISO B Series – Straight Through
- PARKAIR Screw to Connect
- PARKAIR 30 Series – Stainless Steel
- PARKAIR 40 Series – Stainless Steel
- PARKAIR H Series Interchange
- PARKAIR Agricultural
- HOLMBURY HQ Series Flat Faced ISO 16028
- HOLMBURY HCP Series Flat Faced ISO 16028
- HOLMBURY DIN V Series Poppet Seal Couplings – ISO 5675
- HOLMBURY DIN B Series Ball Seal Couplings – ISO 5675
- HOLMBURY IA Series – ISO A 7241:2014
- HOLMBURY IB and IBB Series – ISO B 7241:2014
- HOLMBURY TC Series Screw to Connect Couplings
- HOLMBURY PWC Series Pressure Washer Couplings



## FEATURES

- Flat faced design
- Plated steel
- Compliant with ISO Standard 16028
- Extra security locking
- Dust caps are available to further protect against environmental & system contamination
- Push-pull version for panel mounting is available

## BENEFITS

- Minimises spillage during connection & disconnection
- Fast, easy, one hand operation
- Strong & durable for tough applications
- Protection against involuntary disconnection

### Interchange

ISO 16028

### Double Shut-off



## SPECIFICATIONS

	165	265	365	565	665	765
Nominal flow diameter	3.2 mm (1/8")	6.3 mm (1/4")	10 mm (3/8")	12.5 mm (1/2")	16 mm (5/8")	19 mm (3/4")
Flow capacity	7.5 l/min (1.7 GPM UK)	24 l/min (5.3 GPM UK)	44 l/min (9.7 GPM UK)	93 l/min (20.5 GPM UK)	139 l/min (30.6 GPM UK)	188 l/min (41.4 GPM UK)
Max. working pressure	720 bar	500 bar	400 bar	400 bar	400 bar	400 bar
Min. burst pressure	1400 bar	1500 bar	1200 bar	1200 bar	1200 bar	1200 bar
Temperature range	-30°C to +100°C (-22°F to +212°F)					
Coupling material	Steel, zinc passivated					
Nipple material	Hardened steel, zinc passivated					
Seal material	See tables below					
Connectability	Without pressure					
Disconnection under pressure	Not allowed					

## COUPLINGS



155

### 165 SERIES BSPP FEMALE

PART NUMBER	THREAD	SEAL MATERIAL
C101651201	1/8" BSPP	NBR

### 265 SERIES

C102651202	1/4" BSPP	NBR
C102651212	1/4" BSPP	FKM

### 365 SERIES

C103651204	3/8" BSPP	NBR
C103651214	3/8" BSPP	FKM
C103651205	1/2" BSPP	NBR
C103651215	1/2" BSPP	FKM

### 565 SERIES

C105651205	1/2" BSPP	NBR
C105651215	1/2" BSPP	FKM
C105651207	3/4" BSPP	NBR
C105651217	3/4" BSPP	FKM

### 665 SERIES

C106651201	3/4" BSPP	NBR
C106651211	3/4" BSPP	FKM

### 765 SERIES

C107651201	3/4" BSPP	NBR
C107651211	3/4" BSPP	FKM
C107651203	1" BSPP	NBR
C107651213	1" BSPP	FKM

## PUSH-PULL COUPLINGS



155

### X65 SERIES BSPP FEMALE

PART NUMBER	THREAD	SEAL MATERIAL
C102651282	1/4" BSPP	NBR
C103651284	3/8" BSPP	NBR
C105651285	1/2" BSPP	NBR
C106651281	3/4" BSPP	NBR
C107651281	3/4" BSPP	NBR

## NIPPLES



155

### 165 SERIES BSPP FEMALE

PART NUMBER	THREAD	SEAL MATERIAL
C101656201	1/8" BSPP	NBR

### 265 SERIES

C102656202	1/4" BSPP	NBR
C102656212	1/4" BSPP	FKM

### 365 SERIES

C103656204	3/8" BSPP	NBR
C103656214	3/8" BSPP	FKM
C103656205	1/2" BSPP	NBR
C103656215	1/2" BSPP	FKM

### 565 SERIES

C105656205	1/2" BSPP	NBR
C105656215	1/2" BSPP	FKM
C105656207	3/4" BSPP	NBR
C105656217	3/4" BSPP	FKM

### 665 SERIES

C106656201	3/4" BSPP	NBR
C106656211	3/4" BSPP	FKM

### 765 SERIES

C107656201	3/4" BSPP	NBR
C107656211	3/4" BSPP	FKM
C107656203	1" BSPP	NBR
C107656213	1" BSPP	FKM

BSPT, NPT & UNF  
thread types available  
on request.  
Please contact  
your distributor for  
further information.

**Recommended**



## FEATURES

- Flat faced design
- Stainless steel design
- Dimensionally in accordance with ISO Standard 16028
- Dust caps available to prevent debris & dust entering the system
- Extra security locking

## BENEFITS

- Minimises spillage during connection & disconnection
- Fast, easy, one hand operation
- Extra sturdy design for extreme environments
- Protection against involuntary disconnection



## Interchange

ISO 16028

## Double Shut-off



SPECIFICATIONS	266	366	566	766
Nominal flow diameter	6.3 mm (1/4")	10 mm (3/8")	12.5 mm (1/2")	19 mm (3/4")
Flow capacity	24 l/min (5.3 GPM UK)	44 l/min (9.7 GPM UK)	93 l/min (20.5 GPM UK)	188 l/min (241.4 GPM UK)
Max. working pressure connected	250 bar	250 bar	250 bar	250 bar
Max. working pressure disconnected	250 bar	250 bar	250 bar	250 bar
Min. burst pressure connected	1000 bar	1000 bar	1000 bar	1000 bar
Min. burst pressure disconnected	1000 bar	1000 bar	1000 bar	1000 bar
Temperature range	-20°C to +205°C (-4°F to +401°F)			
Coupling material	316 stainless steel			
Nipple material	316 stainless steel			
Seal material	FKM, other sealing materials upon request			
Connectability	Without pressure			
Disconnection under pressure	Not allowed			

## COUPLINGS



156

### 266 SERIES BSPP FEMALE

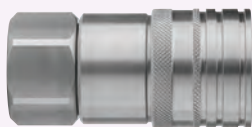
PART NUMBER	THREAD
C102661212	1/4" BSPP



156

### 366 SERIES BSPP FEMALE

PART NUMBER	THREAD
C103661214	3/8" BSPP
C103661215	1/2" BSPP



156

### 566 SERIES BSPP FEMALE

PART NUMBER	THREAD
C105661215	1/2" BSPP
C105661217	3/4" BSPP



156

### 766 SERIES BSPP FEMALE

PART NUMBER	THREAD
C107661211	3/4" BSPP
C107661213	1" BSPP

## NIPPLES



156

### 266 SERIES BSPP FEMALE

PART NUMBER	THREAD
C102666212	1/4" BSPP



156

### 366 SERIES BSPP FEMALE

PART NUMBER	THREAD
C103666214	3/8" BSPP
C103666215	1/2" BSPP



156

### 566 SERIES BSPP FEMALE

PART NUMBER	THREAD
C105666215	1/2" BSPP
C105666217	3/4" BSPP



156

### 766 SERIES BSPP FEMALE

PART NUMBER	THREAD
C107666211	3/4" BSPP
C107666213	1" BSPP



## Did you know?

Products with safety benefits are indicated by a chevron at the bottom of their table

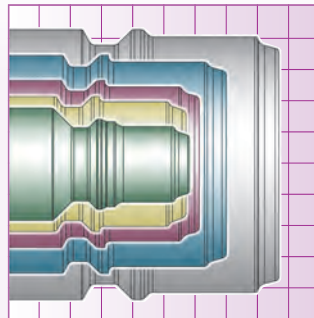
## FEATURES

- Heavy duty steel design
- Manual locking ring
- Built-in pressure eliminator

## BENEFITS

- High performance
- Maximum durability
- Extra security against involuntary disconnection

**Straight Through,  
Single or Double Shut-off**



Not actual size

## Nipple Profiles

- 6.3 mm (1/4") first image
- 10 mm (3/8") second image
- 12.5 mm (1/2") third image
- 20 mm (3/4") fourth image
- 25 mm (1") fifth / back image

## SPECIFICATIONS

	1/4"	3/8"	1/2"	3/4"	1"
Nominal flow diameter	6.3 mm (1/4")	10 mm (3/8")	12.5 mm (1/2")	20 mm (3/4")	25 mm (1")
Flow capacity	29 l/min (6.4 GPM UK)	69 l/min (15.2 GPM UK)	122 l/min (26.8 GPM UK)	250 l/min (55.0 GPM UK)	425 l/min (93.5 GPM UK)
Max. working pressure connected	450 bar	350 bar	300 bar	280 bar	250 bar
Max. working pressure disconnected	300 bar	280 bar	250 bar	200 bar	250 bar
Min. burst pressure connected	1800 bar	1300 bar	1100 bar	1000 bar	930 bar
Min. burst pressure disconnected	1200 bar	1100 bar	1000 bar	800 bar	1000 bar
Temperature range	-30°C to +100°C (-22°F to +212°F)				
Coupling material	Steel (zinc nickel)				
Nipple material	Steel (zinc nickel)				
Disconnection under pressure	Not allowed				

## COUPLINGS



135

### 525 SERIES

#### BSPP FEMALE – VALVED

PART NUMBER	THREAD	SEAL MATERIAL
C105251202	1/4" BSPP	NBR
C105251204	3/8" BSPP	NBR
C105251205	1/2" BSPP	NBR
C105251207	3/4" BSPP	NBR
C105251209	1" BSPP	NBR

#### UNVALVED

C105250202	1/4" BSPP	NBR
C105250204	3/8" BSPP	NBR
C105250205	1/2" BSPP	NBR
C105250207	3/4" BSPP	NBR
C105250209	1" BSPP	NBR

## NIPPLES



135

### 525 SERIES

#### BSPP FEMALE – VALVED

PART NUMBER	THREAD	SEAL MATERIAL
C105256202	1/4" BSPP	NBR
C105256204	3/8" BSPP	NBR
C105256205	1/2" BSPP	NBR
C105256207	3/4" BSPP	NBR
C105256209	1" BSPP	NBR

#### UNVALVED

C105255202	1/4" BSPP	No Seal
C105255204	3/8" BSPP	No Seal
C105255205	1/2" BSPP	No Seal
C105255207	3/4" BSPP	No Seal
C105255209	1" BSPP	No Seal

## COUPLINGS WITH PRESSURE ELIMINATOR



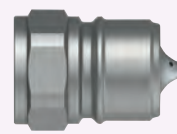
135

### 525 SERIES

#### BSPP FEMALE

PART NUMBER	THREAD	SEAL MATERIAL
C105251234	3/8" BSPP	NBR
C105251235	1/2" BSPP	NBR
C105251237	3/4" BSPP	NBR
C105251239	1" BSPP	NBR

## NIPPLES WITH PRESSURE ELIMINATOR



135

### 525 SERIES

#### BSPP FEMALE

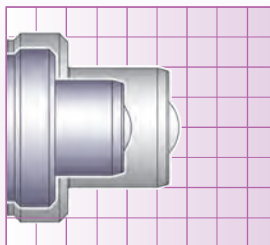
PART NUMBER	THREAD	SEAL MATERIAL
C105256234	3/8" BSPP	NBR
C105256235	1/2" BSPP	NBR
C105256237	3/4" BSPP	NBR
C105256239	1" BSPP	NBR

## FEATURES

- Possible to connect under pressure
- Metal dust caps are available for both couplings & nipples

## SPECIFICATIONS

	1/8" & 1/4"	3/8"
Nominal flow diameter	3.2 mm (1/8") 6.3 mm (1/4")	10 mm (3/8")
Flow capacity	16.1 l/min (3.5 GPM UK)	21.2 l/min (4.7 GPM UK)
Max. working pressure	720 bar	720 bar
Min. burst pressure connected	2160 bar	2160 bar
Min. burst pressure coupling disconnected	1800 bar	1850 bar
Min. burst pressure nipple disconnected	1490 bar	1500 bar
Temperature range	-30°C to +100°C (-22°F to +212°F)	
Coupling material	Zinc plated steel	
Nipple material	Zinc plated steel	
Seal material	NBR	



Not actual size

## Double Shut-off



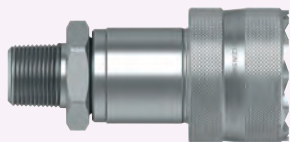
## Nipple Profiles

1/8" & 1/4" Front image  
3/8" Back image

## Interchange

Various screw to connect

## COUPLINGS



160

### 232 SERIES NPT MALE

PART NUMBER	THREAD
C102321451	1/8" NPT
C102321452	1/4" NPT
C102321484	3/8" NPT

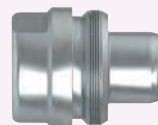
## NIPPLES



160

### 232 SERIES NPT MALE

PART NUMBER	THREAD
C102326451	1/8" NPT



160

### 232 SERIES NPT FEMALE

PART NUMBER	THREAD
C102326402	1/4" NPT
C102326434	3/8" NPT

## Do you also need?

### High pressure hose assemblies & adaptors



- Pre-assembled hose kits
- Pressure tested & ready to use



Find it on pages 136 – 139, section three

FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>Connect under pressure</li> <li>Dust caps included as standard</li> </ul>	<ul style="list-style-type: none"> <li>Leak free service</li> <li>Durable for long life</li> </ul>

SPECIFICATIONS	
Nominal flow diameter	1.5 mm (1/16")
Connection under pressure	300 bar (4350 psi)
Max. working pressure connected	600 bar (8700 psi)
Min. burst pressure connected	1300 bar (18850 psi)
Min. burst pressure disconnected	2400 bar (34800 psi)
Temperature range	-30°C to +100°C (-22°F to +212°F)

## COUPLINGS

### SNAP-CHECK BSPP FEMALE – UNVALVED



PART NUMBER	THREAD
C103580202	1/4" BSPP

### NPT FEMALE – UNVALVED

C103580402	1/4" NPT
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### 90° SNAP-CHECK BSPP FEMALE – UNVALVED



PART NUMBER	THREAD
C103580232	1/4" BSPP

### NPT FEMALE – UNVALVED

C103580432	1/4" NPT
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## NIPPLES

### SNAP-CHECK BSPT MALE – VALVED



PART NUMBER	THREAD
C103586151	1/8" BSPT
C103586152	1/4" BSPT
C103586154	3/8" BSPT

### BSPP MALE – VALVED

C103586251	1/8" BSPP
C103586282	1/4" BSPP
C103586254	3/8" BSPP

### NPT MALE – VALVED

C103586451	1/8" NPT
C103586452	1/4" NPT
C103586454	3/8" NPT

### METRIC MALE – VALVED

C103586551	M10 x 1.25
C103586552	M12 x 1.5
C103586554	M14 x 1.5

### UNF MALE – VALVED

C103586752	UNF 7/16"-20
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## SNAP-CHECK ACCESSORIES

### SNAP-CHECK COPPER SEAL



PART NUMBER	DESCRIPTION
C193560210	For leak-free gauge connections

### SNAP-CHECK PROTECTIVE RUBBER COVER



PART NUMBER	DESCRIPTION
C199422500	Rubber cover fits all gauges from this range

### SNAP-CHECK CARRYING CASE WITHOUT COMPONENTS



PART NUMBER	DESCRIPTION
C193560292	Measurements 375 x 270 mm

## Do you also need?



### Rubber metal seals

Find it on page 139, section three

## PRESSURE TESTING HOSE

FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>Thermoplastic high pressure hose &amp; adaptor</li> </ul>	<ul style="list-style-type: none"> <li>Extremely flexible</li> <li>Monitors pressures from remote locations</li> </ul>

SPECIFICATIONS	
Nominal flow diameter	2 mm (5/64")
Max. working pressure	600 bar (8700 psi)
Min. burst pressure	1300 bar (18850 psi)
Temperature range	-30°C to +100°C (-22°F to +212°F)

### SNAP-CHECK BSPP MALE / FEMALE



PART NUMBER	THREAD	LENGTH
C193560021	1/4" BSPP	850 mm
C193560041	1/4" BSPP	1650 mm

## GAUGES

FEATURES	
<ul style="list-style-type: none"> <li>Encased in 304 stainless steel</li> <li>psi / bar scale with an accuracy of <math>\pm 1.6</math> percent of full scale</li> </ul>	

SPECIFICATIONS	
Temperature range	-40°C to +100°C (-40°F to +212°F)
Casing material	304 stainless steel

### SNAP-CHECK & PRESS-CHECK BSPP MALE BOTTOM CONNECTION



PART NUMBER	THREAD	PRESSURE RANGE
C193560102	1/4" BSPP	0 – 25 bar (0 – 360 psi)
C193560107	1/4" BSPP	0 – 60 bar (0 – 870 psi)
C193560126	1/4" BSPP	0 – 250 bar (0 – 3630 psi)
C193560141	1/4" BSPP	0 – 400 bar (0 – 5800 psi)
C193560146	1/4" BSPP	0 – 600 bar (0 – 8700 psi)

## FEATURES

- Self-locking couplings
- Couplings swivel freely (only swivel socket type)
- Quick & easy connection & disconnection
- Tested by the Swedish Institute of Materials Testing Research to SS-ISO 8032, half omega test

## BENEFITS

- Transforms & simplifies hydraulic systems that include hydraulic hoses & pipes



## SPECIFICATIONS

Max. working pressure	1/4" – 3/4" 1"	350 bar (5080 psi) 250 bar (3626 psi)
Max. working pressure metric ISO 6149-3	M12 M16, M18, M22 M27	350 bar (5080 psi) 315 bar (4570 psi) 200 bar (2900 psi)
Temperature range		-30°C to +100°C (-22°F to +212°F)
Temperature – short exposure		120°C (248°F)
Plug material		Hardened steel
Socket material		Steel
O-ring		NBR

## PLUGS

### STRAIGHT NIPPLE TO SUIT SWIVEL SOCKETS FOR SAE 100R1/R2 HOSE OR EQUIVALENT WITH O-RING



150

PART NUMBER	WEO PLUG-IN	HOSE ID
C147160616	3/8"	3/8"
C147160818	1/2"	1/2"
C147161222	3/4"	3/4"
C147161626	1"	1"

Corresponds with WEO Plug-In swivel Series 860

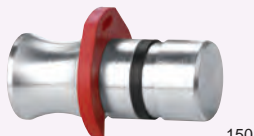
### STRAIGHT NIPPLE FOR SAE 100R1/R2 HOSE OR EQUIVALENT



150

PART NUMBER	WEO PLUG-IN	HOSE ID
C147100403	1/4"	3/16"
C147100404	1/4"	1/4"
C147100604	3/8"	1/4"
C147100605	3/8"	5/16"
C147100606	3/8"	3/8"
C147100806	1/2"	3/8"
C147100808	1/2"	1/2"
C147101208	3/4"	1/2"
C147101210	3/4"	5/8"
C147101212	3/4"	3/4"
C147101616	1"	1"

## STOP PLUG



150

PART NUMBER	WEO PLUG-IN
C147230400	1/4"
C147230600	3/8"
C147230800	1/2"
C147231200	3/4"
C147231600	1"

## SOCKETS

### STRAIGHT MALE SOCKET BSPP MALE



150

PART NUMBER	WEO PLUG-IN	THREAD
C148100404	1/4"	1/4" BSPP
C148100606	3/8"	3/8" BSPP
C148100808	1/2"	1/2" BSPP
C148101212	3/4"	3/4" BSPP
C148101616	1"	1" BSPP

### SWIVEL SOCKET BSPP MALE



150

PART NUMBER	WEO PLUG-IN	THREAD
C148600606	3/8"	3/8" BSPP
C148600808	1/2"	1/2" BSPP
C148601222	3/4"	3/4" BSPP

## STOP SOCKET



150

PART NUMBER	WEO PLUG-IN
C148110400	1/4"
C148110600	3/8"
C148110800	1/2"
C148111200	3/4"
C148111600	1"

### STRAIGHT HOSETAIL SOCKET FOR SAE 100R1/R2 HOSE OR EQUIVALENT



150

PART NUMBER	WEO PLUG-IN	HOSE ID
C148170404	1/4"	1/4"
C148170606	3/8"	3/8"
C148170808	1/2"	1/2"
C148171212	3/4"	3/4"
C148171616	1"	1"

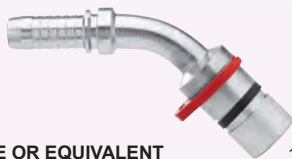


## PLUGS

### 45° NIPPLE

FOR SAE 100R1/R2 HOSE OR EQUIVALENT

PART NUMBER	WEO PLUG-IN	HOSE ID
C147120404	1/4"	1/4"
C147120606	3/8"	3/8"
C147120808	1/2"	1/2"



150

### 90° NIPPLE

FOR SAE 100R1/R2 HOSE OR EQUIVALENT

PART NUMBER	WEO PLUG-IN	HOSE ID
C147140404	1/4"	1/4"
C147140606	3/8"	3/8"
C147140806	1/2"	3/8"
C147140808	1/2"	1/2"



150

Replacement stop caps also available

## SOCKETS

### STRAIGHT UNF MALE

PART NUMBER	WEO PLUG-IN	THREAD
C148260407	1/4"	7/16" – 20 UNF
C148260609	3/8"	9/16" – 18 UNF
C148260812	1/2"	3/4" – 16 UNF
C148260814	1/2"	7/8" – 14 UNF
C148260817	1/2"	1 1/16" – 12 UNF
C148261217	3/4"	1 1/16" – 12 UNF
C148261621	1"	1 5/16" – 12 UNF



150

### STRAIGHT BSPP MALE WITH INTEGRAL RUBBER SEAL

PART NUMBER	WEO PLUG-IN	THREAD
C148300404	1/4"	1/4" BSPP
C148300606	3/8"	3/8" BSPP
C148300808	1/2"	1/2" BSPP
C148301212	3/4"	3/4" BSPP
C148301616	1"	1" BSPP



150

### STRAIGHT BULKHEAD METRIC MALE

PART NUMBER	WEO PLUG-IN	THREAD
C148130444	1/4"	M20 x 1.5
C148130646	3/8"	M26 x 1.5
C148130848	1/2"	M30 x 2.0



150

### STRAIGHT METRIC ISO 6149-3 MALE

PART NUMBER	WEO PLUG-IN	THREAD
C148310612	3/8"	M12 x 1.5
C148310616	3/8"	M16 x 1.5
C148310818	1/2"	M18 x 1.5
C148311222	3/4"	M22 x 1.5



150

Do you also need?



Hydraulic hose  
& fittings

Find it on pages 180 – 275, section four

Other sizes &  
configurations are  
available.

Please contact your  
distributor for details.

SPECIFICATIONS	Body Size				
	1/4"	3/8"	1/2"	3/4"	1"
Steel					
Max. working pressure	345 bar (5000 psi)	345 bar (5000 psi)	345 bar (5000 psi)	345 bar (5000 psi)	345 bar (5000 psi)
Flow rate	3 gpm	6 gpm	12 gpm	28 gpm	50 gpm
Spillage	0.006 ml	0.012 ml	0.020 ml	0.032 ml	0.035 ml
Stainless Steel					
Max. working pressure	300 bar (4351 psi)	250 bar (3626 psi)	250 bar (3626 psi)	200 bar (2901 psi)	150 bar (2176 psi)
Flow rate	3 gpm	6 gpm	12 gpm	20 gpm	27 gpm
Spillage	0.01 ml	0.02 ml	0.03 ml	0.04 ml	0.07 ml

FEATURES
• No spillage during connection
• Safety lock device
• No air inclusion during connection

Interchange
ISO 16028

SPECIFICATIONS	Steel	316 Stainless Steel
Temperature range	-20°C to +120°C	-20°C to +200°C
Coupling & nipple material	Steel, zinc plated	316 stainless steel
Seal material	NBR	FKM



## Did you know?

Products with safety benefits are indicated by a chevron at the bottom of their table

## COUPLINGS - STEEL



915

### ISO 16028 BSPP FEMALE

PART NUMBER	BODY SIZE	THREAD
M-FFC-14	1/4"	1/4" BSPP
M-FFC-38	3/8"	3/8" BSPP
M-FFC-38-12	3/8"	1/2" BSPP
M-FFC-12-12	1/2"	1/2" BSPP
M-FFC-12-34	1/2"	3/4" BSPP
M-FFC-34	3/4"	3/4" BSPP
M-FFC-34-1	3/4"	1" BSPP
M-FFC-1	1"	1" BSPP
M-FFC-1-114	1"	1 1/4" BSPP

## NIPPLES - STEEL



915

### ISO 16028 BSPP FEMALE

PART NUMBER	BODY SIZE	THREAD
M-FFN-14	1/4"	1/4" BSPP
M-FFN-38	3/8"	3/8" BSPP
M-FFN-38-12	3/8"	1/2" BSPP
M-FFN-12-12	1/2"	1/2" BSPP
M-FFN-12-34	1/2"	3/4" BSPP
M-FFN-34	3/4"	3/4" BSPP
M-FFN-34-1	3/4"	1" BSPP
M-FFN-1	1"	1" BSPP
M-FFN-1-114	1"	1 1/4" BSPP

## COUPLINGS - 316 STAINLESS STEEL



914

### ISO 16028 BSPP FEMALE

PART NUMBER	BODY SIZE	THREAD
B60-06F	1/4"	1/4" BSPP
B60-09F	3/8"	3/8" BSPP
B60-13F	1/2"	1/2" BSPP
B60-19F	3/4"	3/4" BSPP
B60-25F	1"	1" BSPP
B60-30F	1 1/4"	1 1/4" BSPP
B60-40F	1 1/2"	1 1/2" BSPP
B60-50F	2"	2" BSPP

## NIPPLES - 316 STAINLESS STEEL



914

### ISO 16028 BSPP FEMALE

PART NUMBER	BODY SIZE	THREAD
B60-06M	1/4"	1/4" BSPP
B60-09M	3/8"	3/8" BSPP
B60-13M	1/2"	1/2" BSPP
B60-19M	3/4"	3/4" BSPP
B60-25M	1"	1" BSPP
B60-30M	1 1/4"	1 1/4" BSPP
B60-40M	1 1/2"	1 1/2" BSPP
B60-50M	2"	2" BSPP

## DUST CAPS FOR COUPLINGS



915

### ISO 16028 DUST CAPS

PART NUMBER	SIZE
C921-FF-PDC-1/4F	1/4"
C921-FF-PDC-3/8F	3/8"
C921-FF-PDC-1/2F	1/2"
C921-FF-PDC-3/4F	3/4"
C921-FF-PDC-1F	1"

## DUST CAPS FOR NIPPLES



915

### ISO 16028 DUST CAPS

PART NUMBER	SIZE
C911-FF-PDC-1/4M	1/4"
C911-FF-PDC-3/8M	3/8"
C911-FF-PDC-1/2M	1/2"
C911-FF-PDC-3/4M	3/4"
C911-FF-PDC-1M	1"

SPECIFICATIONS		Steel	316 Stainless Steel	Flow Rate (GPM)
Max. working pressure:	1/4"	350 bar (5075 psi)	350 bar (5075 psi)	3
	3/8"	300 bar (4350 psi)	350 bar (5075 psi)	6
	1/2"	300 bar (4350 psi)	300 bar (4350 psi)	12
	3/4"	250 bar (3625 psi)	250 bar (3625 psi)	28
	1"	230 bar (3335 psi)	170 bar (2466 psi)	50
	1 1/4"	–	140 bar (2030 psi)	88
	1 1/2"	–	140 bar (2030 psi)	220
	2"	–	100 bar (1450 psi)	240
Coupling material		Steel, zinc plated	316 stainless steel	–
Nipple & sleeve material		Hardened steel, zinc plated	316 stainless steel	–
Valve material		Steel, crimped seal retention	316 stainless steel	–
Seal material		NBR	FKM	–
Locking ball & spring material		Stainless steel	316 stainless steel	–

## FEATURES

- Interchangeable with all ISO7241-A standard couplings & nipples
- Two-way check valve in coupling & nipple provides instant shut-off when disconnected
- Full 360° rotation prevents hose kinking & twisting

## Double Shut-Off



## Interchange

ISO A

## COUPLINGS – STEEL



915

### ISO A SERIES BSPP FEMALE

PART NUMBER	THREAD
C9210200-04	1/4" BSPP
C9210200-06	3/8" BSPP
C9210200-08	1/2" BSPP
C9210200-12	3/4" BSPP
C9210200-16	1" BSPP
C9210200-20	1 1/4" BSPP
C9210200-24	1 1/2" BSPP
C9210200-32	2" BSPP

## NIPPLES – STEEL



915

### ISO A SERIES BSPP FEMALE

PART NUMBER	THREAD
C9110200-04	1/4" BSPP
C9110200-06	3/8" BSPP
C9110200-08	1/2" BSPP
C9110200-12	3/4" BSPP
C9110200-16	1" BSPP
C9110200-20	1 1/4" BSPP
C9110200-24	1 1/2" BSPP
C9110200-32	2" BSPP

## COUPLINGS – 316 STAINLESS STEEL



914

### ISO A SERIES BSPP FEMALE

PART NUMBER	THREAD
B20-06F	1/4" BSPP
B20-09F	3/8" BSPP
B20-13F	1/2" BSPP
B20-19F	3/4" BSPP
B20-25F	1" BSPP
B20-30F	1 1/4" BSPP
B20-40F	1 1/2" BSPP
B20-50F	2" BSPP

## NIPPLES – 316 STAINLESS STEEL



914

### ISO A SERIES BSPP FEMALE

PART NUMBER	THREAD
B20-06M	1/4" BSPP
B20-09M	3/8" BSPP
B20-13M	1/2" BSPP
B20-19M	3/4" BSPP
B20-25M	1" BSPP
B20-30M	1 1/4" BSPP
B20-40M	1 1/2" BSPP
B20-50M	2" BSPP

## PLUG FOR COUPLINGS



915

### ISO A SERIES PLUGS

PART NUMBER	SIZE
C921-A-PDC-1/4F	1/4"
C921-A-PDC-3/8F	3/8"
C921-A-PDC-1/2F	1/2"
C921-A-PDC-3/4F	3/4"
C921-A-PDC-1F	1"

## DUST CAPS FOR NIPPLES



915

### ISO A SERIES DUST CAPS

PART NUMBER	SIZE
C911-A-PDC-1/4M	1/4"
C911-A-PDC-3/8M	3/8"
C911-A-PDC-1/2M	1/2"
C911-A-PDC-3/4M	3/4"
C911-A-PDC-1M	1"

## FEATURES

- Interchangeable with all ISO7241-B standard couplings & nipples
- Two-way check valve in coupling & nipple provides instant shut-off when disconnected
- Steel series supplied with Teflon™ backup ring

SPECIFICATIONS		Steel	316 Stainless Steel	316 Stainless Steel	Flow Rate (GPM)
Max. working pressure:	1/8"	379 bar (5500 psi)	N/A	450 bar (6525 psi)	1
	1/4"	345 bar (5000 psi)	207 bar (3000 psi)	400 bar (5800 psi)	3
	3/8"	345 bar (5000 psi)	207 bar (3000 psi)	350 bar (5000 psi)	6
	1/2"	345 bar (5000 psi)	207 bar (3000 psi)	300 bar (4350 psi)	12
	3/4"	310 bar (4500 psi)	186 bar (2700 psi)	250 bar (3600 psi)	28
	1"	310 bar (4500 psi)	186 bar (2700 psi)	200 bar (2900 psi)	50
Coupling material		Steel, zinc plated	316 stainless steel	316 stainless steel	–
Nipple material		Steel, zinc plated	316 stainless steel	316 stainless steel	–
Seal material		NBR	FKM	FKM	–

## Double Shut-off



## Interchange

ISO B

## COUPLINGS – STEEL



915

### ISO B SERIES BSPP FEMALE

PART NUMBER	THREAD
C9210213-02	1/8" BSPP
C9210213-04	1/4" BSPP
C9210213-06	3/8" BSPP
C9210213-08	1/2" BSPP
C9210213-12	3/4" BSPP
C9210213-16	1" BSPP

## NIPPLES – STEEL

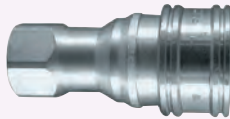


915

### ISO B SERIES BSPP FEMALE

PART NUMBER	THREAD
C9110213-02	1/8" BSPP
C9110213-04	1/4" BSPP
C9110213-06	3/8" BSPP
C9110213-08	1/2" BSPP
C9110213-12	3/4" BSPP
C9110213-16	1" BSPP

## COUPLINGS – 316 STAINLESS STEEL



915

### ISO B SERIES BSPP FEMALE

PART NUMBER	THREAD
C9210211-04	1/4" BSPP
C9210211-06	3/8" BSPP
C9210211-08	1/2" BSPP
C9210211-12	3/4" BSPP
C9210211-16	1" BSPP

## NIPPLES – 316 STAINLESS STEEL

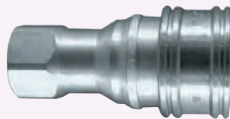


915

### ISO B SERIES BSPP FEMALE

PART NUMBER	THREAD
C9110211-04	1/4" BSPP
C9110211-06	3/8" BSPP
C9110211-08	1/2" BSPP
C9110211-12	3/4" BSPP
C9110211-16	1" BSPP

## COUPLINGS – 316 STAINLESS STEEL



914

### ISO B SERIES BSPP FEMALE – FKM SEAL

PART NUMBER	THREAD
B10-04F	1/8" BSPP
B10-06F	1/4" BSPP
B10-09F	3/8" BSPP
B10-13F	1/2" BSPP
B10-19F	3/4" BSPP
B10-25F	1" BSPP
B10-30F	1 1/4" BSPP
B10-40F	1 1/2" BSPP
B10-50F	2" BSPP

## NIPPLES – 316 STAINLESS STEEL



914

### ISO B SERIES BSPP FEMALE – FKM SEAL

PART NUMBER	THREAD
B10-04M	1/8" BSPP
B10-06M	1/4" BSPP
B10-09M	3/8" BSPP
B10-13M	1/2" BSPP
B10-19M	3/4" BSPP
B10-25M	1" BSPP
B10-30M	1 1/4" BSPP
B10-40M	1 1/2" BSPP
B10-50M	2" BSPP



## FEATURES

- Interchangeable with all ISO7241-B standard couplings & nipples
- Two-way check valve in coupling & nipple provides instant shut-off when disconnected

## SPECIFICATIONS

Max. working pressure	69 bar (1001 psi)
Coupling body material	Brass
Nipple body material	Brass
Seal material	Buna-N or NBR – see tables below
Flow rate	1/8" = 1 GPM, 1/4" = 3 GPM, 3/8" = 6 GPM, 1/2" = 12 GPM, 3/4" = 28 GPM, 1" = 50 GPM

## Double Shut-off



## Interchange

ISO B

Three

## COUPLINGS



## ISO B SERIES

## BSPP FEMALE – BUNA-N SEALS

915

PART NUMBER	THREAD
C9210210-02	1/8" BSPP
C9210210-04	1/4" BSPP
C9210210-06	3/8" BSPP
C9210210-08	1/2" BSPP
C9210210-12	3/4" BSPP
C9210210-16	1" BSPP

## NIPPLES



## ISO B SERIES

## BSPP FEMALE – BUNA-N SEALS

915

PART NUMBER	THREAD
C9110210-02	1/8" BSPP
C9110210-04	1/4" BSPP
C9110210-06	3/8" BSPP
C9110210-08	1/2" BSPP
C9110210-12	3/4" BSPP
C9110210-16	1" BSPP



## ISO B SERIES

## BSPP FEMALE – NBR SEALS

914

PART NUMBER	THREAD
CDSP01S	1/8" BSPT
CDSP02S	1/4" BSPT
CDSP03S	3/8" BSPT
CDSP04S	1/2" BSPT
CDSP06S	3/4" BSPT
CDSP08S	1" BSPT



## ISO B SERIES

## BSPP FEMALE – NBR SEALS

914

PART NUMBER	THREAD
CDSP01P	1/8" BSPT
CDSP02P	1/4" BSPT
CDSP03P	3/8" BSPT
CDSP04P	1/2" BSPT
CDSP06P	3/4" BSPT
CDSP08P	1" BSPT

## PLUGS FOR COUPLINGS



## ISO B SERIES

## PLUGS

915

PART NUMBER	SIZE
C921-B-PDC-1/4F	1/4"
C921-B-PDC-3/8F	3/8"
C921-B-PDC-1/2F	1/2"
C921-B-PDC-3/4F	3/4"
C921-B-PDC-1F	1"

## DUST CAPS FOR NIPPLES



## ISO B SERIES

## DUST CAPS

915

PART NUMBER	SIZE
C911-B-PDC-1/4M	1/4"
C911-B-PDC-3/8M	3/8"
C911-B-PDC-1/2M	1/2"
C911-B-PDC-3/4M	3/4"
C911-B-PDC-1M	1"



## FULL FLOW STRAIGHT THROUGH FEATURES

- Connection by retracting the sleeve
- FKM seals, or upon request, PTFE backup rings
- Burst pressure: 2.5 x working pressure
- ISO 7241/1B dimensional standards

## SPECIFICATIONS

Max. working pressure:	1/8"	450 bar (6527 psi)
	1/4"	400 bar (5802 psi)
	3/8"	350 bar (5076 psi)
	1/2"	300 bar (4351 psi)
	3/4"	250 bar (3626 psi)
	1"	200 bar (2901 psi)
	1 1/4"	140 bar (2031 psi)
	1 1/2"	140 bar (2031 psi)
	2"	90 bar (1305 psi)
Coupling material	316 stainless steel	
Nipple material	316 stainless steel	
Seal material	FKM	

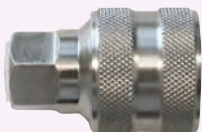
## Straight through



## Interchange

ISO B

## FULL FLOW STRAIGHT THROUGH COUPLING



914

### 316 STAINLESS STEEL BSPP FEMALE

PART NUMBER	THREAD
B10-04FPL	1/8" BSPP
B10-06FPL	1/4" BSPP
B10-09FPL	3/8" BSPP
B10-13FPL	1/2" BSPP
B10-19FPL	3/4" BSPP
B10-25FPL	1" BSPP
B10-30FPL	1 1/4" BSPP
B10-40FPL	1 1/2" BSPP
B10-50FPL	2" BSPP

## FULL FLOW STRAIGHT THROUGH NIPPLE



914

### 316 STAINLESS STEEL BSPP FEMALE

PART NUMBER	THREAD
B10-04MPL	1/8" BSPP
B10-06MPL	1/4" BSPP
B10-09MPL	3/8" BSPP
B10-13MPL	1/2" BSPP
B10-19MPL	3/4" BSPP
B10-25MPL	1" BSPP
B10-30MPL	1 1/4" BSPP
B10-40MPL	1 1/2" BSPP
B10-50MPL	2" BSPP

## Do you also need?



## Hydraulic adaptors



Find it on pages 193 – 198, section four

## SPECIFICATIONS

Max. pressure	700 bar
Flow rate	3 GPM
Temperature range	-20°C to +100°C (-8°F to +212°F)
Seal	NBR

## FEATURES

- Machined from solid steel barstock for durability
- The Series employ a threaded sleeve locking mechanism to mate with matching male threads on the nipple. The two halves must be manually threaded together for connection
- Chrome alloy balls are used for valving. They are spring loaded for positive seating of the valve
- The valve provides a metal-to-metal seal between the ball & coined seat
- The interface seal is polyurethane, which resists high pressure extrusion
- A threaded valve retainer provides a valve stop that assures positive valve alignment

## COUPLINGS



**SCREW TO CONNECT  
NPT MALE**

915

PART NUMBER	BODY SIZE	THREAD
B02-1452	1/4"	1/4" NPT
B03-1484	3/8"	3/8" NPT

## NIPPLES



**SCREW TO CONNECT  
NPT FEMALE**

915

PART NUMBER	BODY SIZE	THREAD
B02-6402	1/4"	1/4" NPT
B03-6434	3/8"	3/8" NPT

## PLUGS FOR COUPLINGS



**PLASTIC PLUG  
FOR B02-1452**

915

PART NUMBER	SIZE
B02-4101PVC	1/4"

**FOR B02-1484**

B03-4103PVC	3/8"
-------------	------

## DUST CAPS FOR NIPPLES



**PLASTIC DUST CAP  
FOR B02-6402**

915

PART NUMBER	SIZE
B02-4100PVC	1/4"

**FOR B02-6434**

B03-4102PVC	3/8"
-------------	------

## PLUG FOR COUPLINGS



**METAL PLUG  
FOR B02-1452**

915

PART NUMBER	SIZE
B02-4101	1/4"

**FOR B02-1484**

B03-4103	3/8"
----------	------

## DUST CAPS FOR NIPPLES



**METAL DUST CAP  
FOR B02-6402**

915

PART NUMBER	SIZE
B02-4100	1/4"

**FOR B02-6434**

B03-4102	3/8"
----------	------

SPECIFICATIONS		30 Series	40 Series
Max. working pressure:	1/4"	450 bar (6527 psi)	750 bar (10878 psi)
	3/8"	400 bar (5802 psi)	650 bar (9427 psi)
	1/2"	400 bar (5802 psi)	650 bar (9427 psi)
	3/4"	250 bar (3625 psi)	500 bar (7252 psi)
	1"	250 bar (3625 psi)	460 bar (6672 psi)
	1 1/4"	—	400 bar (5802 psi)
	1 1/2"	200 bar (2900 psi)	360 bar (5221 psi)
	2"	—	210 bar (3046 psi)
Coupling material		316 stainless steel	
Nipple material		316 stainless steel	
Seal material		FKM	

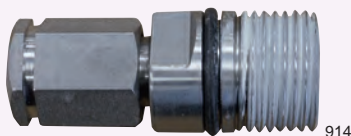
FLOW RATE (L/MIN)	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
30 Series	12	23	45	106	189	—	288	—
40 Series	6	23	45	106	189	238	379	757

FEATURES
<ul style="list-style-type: none"> <li>Series 30 connect under pressure by rotating the screwed sleeve</li> <li>Series 40 for high pressure use</li> </ul>

## Double Shut-Off



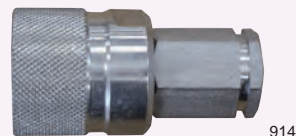
## COUPLINGS



**30 SERIES  
BSPP FEMALE**

PART NUMBER	THREAD
B30-06F	1/4" BSPP
B30-09F	3/8" BSPP
B30-13F	1/2" BSPP
B30-19F	3/4" BSPP
B30-25F	1" BSPP
B30-40F	1 1/2" BSPP

## NIPPLES



**30 SERIES  
BSPP FEMALE**

PART NUMBER	THREAD
B30-06M	1/4" BSPP
B30-09M	3/8" BSPP
B30-13M	1/2" BSPP
B30-19M	3/4" BSPP
B30-25M	1" BSPP
B30-40M	1 1/2" BSPP



**40 SERIES  
BSPP FEMALE**

PART NUMBER	THREAD
B40-06F	1/4" BSPP
B40-09F	3/8" BSPP
B40-13F	1/2" BSPP
B40-19F	3/4" BSPP
B40-25F	1" BSPP
B40-30F	1 1/4" BSPP
B40-40F	1 1/2" BSPP
B40-50F	2" BSPP



**40 SERIES  
BSPP FEMALE**

PART NUMBER	THREAD
B40-06M	1/4" BSPP
B40-09M	3/8" BSPP
B40-13M	1/2" BSPP
B40-19M	3/4" BSPP
B40-25M	1" BSPP
B40-30M	1 1/4" BSPP
B40-40M	1 1/2" BSPP
B40-50M	2" BSPP

SPECIFICATIONS		Steel	Brass	Stainless Steel	Flow Rate (GPM)
Max. working pressure:	1/4"	759 bar (11000 psi)	276 bar (4000 psi)	290 bar (10000 psi)	4.5
	3/8"	759 bar (11000 psi)	276 bar (4000 psi)	552 bar (8000 psi)	6.5
	1/2"	759 bar (11000 psi)	276 bar (4000 psi)	552 bar (8000 psi)	17
	3/4"	621 bar (9000 psi)	241 bar (3500 psi)	483 bar (7000 psi)	35
	1"	414 bar (6000 psi)	207 bar (3000 psi)	276 bar (4000 psi)	43
Seal material		NBR			–

## FEATURES

- Interchangeable with H Series couplings & nipples

## Straight Through



## COUPLINGS – STEEL



918

### H SERIES

#### BSPP FEMALE – UNVALVED

PART NUMBER	THREAD
C92VBF2E	1/4" BSPP
C93VBF3E	3/8" BSPP
C94VBF4E	1/2" BSPP
C96VBF6E	3/4" BSPP
C98VBF8E	1" BSPP

## NIPPLES – STEEL



918

### H SERIES

#### BSPP FEMALE – UNVALVED

PART NUMBER	THREAD
C9V2BF2E	1/4" BSPP
C9V3BF3E	3/8" BSPP
C9V4BF4E	1/2" BSPP
C9V6BF6E	3/4" BSPP
C9V8BF8E	1" BSPP

## COUPLINGS – BRASS



918

### H SERIES

#### BSPP FEMALE – UNVALVED

PART NUMBER	THREAD
C92VBF2-BE	1/4" BSPP
C93VBF3-BE	3/8" BSPP
C94VBF4-BE	1/2" BSPP
C96VBF6-BE	3/4" BSPP
C98VBF8-BE	1" BSPP

## NIPPLES – BRASS



918

### H SERIES

#### BSPP FEMALE – UNVALVED

PART NUMBER	THREAD
C9V2BF2-BE	1/4" BSPP
C9V3BF3-BE	3/8" BSPP
C9V4BF4-BE	1/2" BSPP
C9V6BF6-BE	3/4" BSPP
C9V8BF8-BE	1" BSPP

## COUPLINGS – STAINLESS STEEL



918

### H SERIES

#### BSPP FEMALE – UNVALVED

PART NUMBER	THREAD
C92VBF2-SSE	1/4" BSPP
C93VBF3-SSE	3/8" BSPP
C94VBF4-SSE	1/2" BSPP
C96VBF6-SSE	3/4" BSPP
C98VBF8-SSE	1" BSPP

## NIPPLES – STAINLESS STEEL



918

### H SERIES

#### BSPP FEMALE – UNVALVED

PART NUMBER	THREAD
C9V2BF2-SSE	1/4" BSPP
C9V3BF3-SSE	3/8" BSPP
C9V4BF4-SSE	1/2" BSPP
C9V6BF6-SSE	3/4" BSPP
C9V8BF8-SSE	1" BSPP

SPECIFICATIONS		Steel	Brass	Stainless Steel	Flow Rate (GPM)
Max. working pressure:	1/4"	448 bar (6998 psi)	155 bar (2248 psi)	269 bar (3900 psi)	3
	3/8"	310 bar (4496 psi)	155 bar (2248 psi)	186 bar (2697 psi)	4
	1/2"	276 bar (4003 psi)	138 bar (2002 psi)	166 bar (2407 psi)	8
	3/4"	241 bar (3495 psi)	138 bar (2002 psi)	145 bar (2102 psi)	20
	1"	138 bar (2002 psi)	122 bar (1755 psi)	83 bar (1204 psi)	30
Seal material		NBR			–

## FEATURES

- Interchangeable with H Series couplings & nipples

## Double Shut-off



## COUPLINGS – STEEL



918

### H SERIES

#### BSPP FEMALE – VALVED

PART NUMBER	THREAD
C92VBF2	1/4" BSPP
C93VBF3	3/8" BSPP
C94VBF4	1/2" BSPP
C96VBF6	3/4" BSPP
C98VBF8	1" BSPP

## NIPPLES – STEEL



918

### H SERIES

#### BSPP FEMALE – VALVED

PART NUMBER	THREAD
C9V2BF2	1/4" BSPP
C9V3BF3	3/8" BSPP
C9V4BF4	1/2" BSPP
C9V6BF6	3/4" BSPP
C9V8BF8	1" BSPP

## COUPLINGS – BRASS



918

### H SERIES

#### BSPP FEMALE – VALVED

PART NUMBER	THREAD
C92VBF2-B	1/4" BSPP
C93VBF3-B	3/8" BSPP
C94VBF4-B	1/2" BSPP
C96VBF6-B	3/4" BSPP
C98VBF8-B	1" BSPP

## NIPPLES – BRASS



918

### H SERIES

#### BSPP FEMALE – VALVED

PART NUMBER	THREAD
C9V2BF2-B	1/4" BSPP
C9V3BF3-B	3/8" BSPP
C9V4BF4-B	1/2" BSPP
C9V6BF6-B	3/4" BSPP
C9V8BF8-B	1" BSPP

## COUPLINGS – STAINLESS STEEL



918

### H SERIES

#### BSPP FEMALE – VALVED

PART NUMBER	THREAD
C92VBF2-SS	1/4" BSPP
C93VBF3-SS	3/8" BSPP
C94VBF4-SS	1/2" BSPP
C96VBF6-SS	3/4" BSPP
C98VBF8-SS	1" BSPP

## NIPPLES – STAINLESS STEEL



918

### H SERIES

#### BSPP FEMALE – VALVED

PART NUMBER	THREAD
C9V2BF2-SS	1/4" BSPP
C9V3BF3-SS	3/8" BSPP
C9V4BF4-SS	1/2" BSPP
C9V6BF6-SS	3/4" BSPP
C9V8BF8-SS	1" BSPP



## HQ SERIES

### FEATURES

- Safety locking sleeve fitted as standard to prevent accidental disconnection
- Flat faces are easily wiped clean
- Allows for minimal inclusion of air & contaminants during connection
- Flat face design prevents fluid loss during disconnection
- Bi-directional flow

### SPECIFICATIONS

Max. working pressure for body sizes:	1/4"	400 bar (5800 psi)
	3/8"	350 bar (5075 psi)
	1/2"	350 bar (5075 psi)
	3/4"	350 bar (5075 psi)
Operating temperature	-40°C to +106°C (-40°F to +223°F)	
Coupling & nipple material	Carbon steel with zinc nickel plating	
Seal material	NBR	

## COUPLINGS – FEMALE HALF



**HQ SERIES**  
**BSPP FEMALE**

PART NUMBER	BODY SIZE	THREAD
HO-HQ06-F-04G	1/4"	1/4" BSPP
HO-HQ10-F-06G	3/8"	3/8" BSPP
HO-HQ10-F-08G	3/8"	1/2" BSPP
HO-HQ12-F-08G	1/2"	1/2" BSPP
HO-HQ12-F-12G	1/2"	3/4" BSPP
HO-HQ19-F-16G	3/4"	1" BSPP

## NIPPLES – MALE HALF



**HQ SERIES**  
**BSPP FEMALE**

PART NUMBER	BODY SIZE	THREAD
HO-HQ06-M-04G	1/4"	1/4" BSPP
HO-HQ10-M-06G	3/8"	3/8" BSPP
HO-HQ10-M-08G	3/8"	1/2" BSPP
HO-HQ12-M-08G	1/2"	1/2" BSPP
HO-HQ12-M-12G	1/2"	3/4" BSPP
HO-HQ19-M-16G	3/4"	1" BSPP

## HCP SERIES

### FEATURES

- Designed to connect with the HQ series female half
- Flat faces are easily wiped clean
- Allows for minimal inclusion of air & contaminants during connection
- Flat face design prevents fluid loss during disconnection
- Bi-directional flow
- Connect under pressure with up to 350 bar locked in the male half
- Female half must have zero pressure when connecting male half under pressure

### SPECIFICATIONS

Max. working pressure	350 bar (5075 psi)
Operating temperature	-40°C to +106°C (-40°F to +223°F)
Coupling & nipple material	Carbon steel with zinc nickel plating
Seal material	NBR

## NIPPLES – MALE HALF



**HCP SERIES**  
**BSPP FEMALE**

PART NUMBER	BODY SIZE	THREAD
HO-HCP10-M-06G	3/8"	3/8" BSPP
HO-HCP10-M-08G	3/8"	1/2" BSPP
HO-HCP12-M-08G	1/2"	1/2" BSPP
HO-HCP12-M-12G	1/2"	3/4" BSPP
HO-HCP19-M-16G	3/4"	1" BSPP

Do you also need?



**Thread sealing  
PTFE tape**

Find it on page 933, section fifteen

## POPPET SEAL COUPLINGS – DIN V SERIES

### FEATURES

- Poppet valves have balanced springs
- Locking ball system allows quick connection
- Bi-directional flow

### SPECIFICATIONS

Max. working pressure for body sizes:	1/4"	375 bar (5437.5 psi)
	3/8"	350 bar (5075 psi)
	1/2"	320 bar (4640 psi)
	3/4"	300 bar (4350 psi)
	1"	275 bar (3987.5 psi)
Operating temperature	-40°C to +106°C (-40°F to +223°F)	
Coupling & nipple material	Carbon steel with trivalent plating	
Seal material	NBR	

## COUPLINGS – FEMALE HALF

## NIPPLES – MALE HALF

### DIN V SERIES BSPP FEMALE



8020

PART NUMBER	THREAD
HO-DINV-06-F-04G	1/4" BSPP
HO-DINV-10-F-06G	3/8" BSPP
HO-DINV-19-F-12G	3/4" BSPP
HO-DINV-25-F-16G	1" BSPP

### DIN V SERIES BSPP FEMALE



8020

PART NUMBER	THREAD
HO-DINV-06-M-04G	1/4" BSPP
HO-DINV-10-M-06G	3/8" BSPP
HO-DINV-19-M-12G	3/4" BSPP
HO-DINV-25-M-16G	1" BSPP

## BALL SEAL COUPLINGS – DIN B SERIES

### FEATURES

- Locking ball system allows quick connection
- Bi-directional flow

### SPECIFICATIONS

Max. working pressure for body sizes:	1/4"	350 bar (5075 psi)
	3/8"	300 bar (4350 psi)
	1/2"	275 bar (3987.5 psi)
	3/4"	275 bar (3987.5 psi)
	1"	250 bar (3625 psi)
Operating temperature	-40°C to +106°C (-40°F to +223°F)	
Coupling & nipple material	Carbon steel with trivalent plating	
Seal material	NBR	

## COUPLINGS – FEMALE HALF

## NIPPLES – MALE HALF

### DIN B SERIES BSPP FEMALE



8020

PART NUMBER	THREAD
HO-DINB-06-F-04G	1/4" BSPP
HO-DINB-10-F-06G	3/8" BSPP
HO-DINB-12-F-08G	1/2" BSPP
HO-DINB-19-F-12G	3/4" BSPP
HO-DINB-25-F-16G	1" BSPP

### DIN B SERIES BSPP FEMALE



8020

PART NUMBER	THREAD
HO-DINB-06-M-04G	1/4" BSPP
HO-DINB-10-M-06G	3/8" BSPP
HO-DINB-12-M-08G	1/2" BSPP
HO-DINB-19-M-12G	3/4" BSPP
HO-DINB-25-M-16G	1" BSPP

## ISO A 7241:2014 – SERIES IA

### FEATURES

- Poppet valves have balanced springs
- Locking ball system allows quick connection
- Bi-directional flow

### SPECIFICATIONS

Max. working pressure for body sizes:	1/4"	400 bar (5800 psi)
	3/8"	350 bar (5075 psi)
	1/2"	320 bar (4640 psi)
	3/4"	300 bar (4350 psi)
	1"	250 bar (3625 psi)
Operating temperature	-40°C to +106°C (-40°F to +223°F)	
Coupling & nipple material	Carbon steel with trivalent plating	
Seal material	NBR	

## COUPLINGS – FEMALE HALF



8020

### IA SERIES

#### BSPP FEMALE

PART NUMBER	THREAD
HO-IA06-F-04G	1/4" BSPP
HO-IA10-F-06G	3/8" BSPP
HO-IA12-F-08G	1/2" BSPP
HO-IA19-F-12G	3/4" BSPP
HO-IA25-F-16G	1" BSPP

## NIPPLES – MALE HALF



8020

### IA SERIES

#### BSPP FEMALE

PART NUMBER	THREAD
HO-IA06-M-04G	1/4" BSPP
HO-IA10-M-06G	3/8" BSPP
HO-IA12-M-08G	1/2" BSPP
HO-IA19-M-12G	3/4" BSPP
HO-IA25-M-16G	1" BSPP

## ISO B 7241:2014 – SERIES IB & IBB

### FEATURES

- Poppet valves have balanced springs
- Locking ball system allows quick connection
- Bi-directional flow

### SPECIFICATIONS

	STEEL	BRASS
Max. working pressure for body sizes:	1/4"	400 bar (5800 psi)
	3/8"	350 bar (5075 psi)
	1/2"	320 bar (4640 psi)
	3/4"	300 bar (4350 psi)
	1"	250 bar (3625 psi)
Operating temperature	-40°C to +106°C (-40°F to +223°F)	-20°C to +200°C (-4°F to +392°F)
Materials	Carbon steel with trivalent plating	Brass with 316 stainless steel springs & 302 stainless steel locking ball
Seal material	NBR	FKM

## STEEL COUPLINGS – FEMALE HALF



8020

### IB SERIES

#### BSPP FEMALE

PART NUMBER	THREAD
HO-IB06-F-04G	1/4" BSPP
HO-IB10-F-06G	3/8" BSPP
HO-IB12-F-08G	1/2" BSPP
HO-IB19-F-12G	3/4" BSPP
HO-IB25-F-16G	1" BSPP

## STEEL NIPPLES – MALE HALF



8020

### IB SERIES

#### BSPP FEMALE

PART NUMBER	THREAD
HO-IB06-M-04G	1/4" BSPP
HO-IB10-M-06G	3/8" BSPP
HO-IB12-M-08G	1/2" BSPP
HO-IB19-M-12G	3/4" BSPP
HO-IB25-M-16G	1" BSPP

## BRASS COUPLINGS – FEMALE HALF



8020

### IBB SERIES

#### BSPP FEMALE

PART NUMBER	THREAD
HO-IBB06-F-04G-V	1/4" BSPP
HO-IBB10-F-06G-V	3/8" BSPP
HO-IBB12-F-08G-V	1/2" BSPP
HO-IBB19-F-12G-V	3/4" BSPP
HO-IBB25-F-16G-V	1" BSPP

## BRASS NIPPLES – MALE HALF



8020

### IBB SERIES

#### BSPP FEMALE

PART NUMBER	THREAD
HO-IBB06-M-04G-V	1/4" BSPP
HO-IBB10-M-06G-V	3/8" BSPP
HO-IBB12-M-08G-V	1/2" BSPP
HO-IBB19-M-12G-V	3/4" BSPP
HO-IBB25-M-16G-V	1" BSPP

## SCREW TO CONNECT COUPLINGS – TC SERIES

### DESCRIPTION

Holmbury's TC Series screw to connect tipper couplings are designed for use on tipper trucks. The female coupling has a wing nut sleeve which enables operators to connect the couplings by hand, even when there is low residual pressure in the line.

### FEATURES

- Screw connect design eliminates brinelling
- Wing nut sleeve design allows connection by hand
- Can be connected with up to 50 bar residual pressure in the hydraulic circuit
- Bi-directional flow
- Male has external thread for bulkhead mounting

### SPECIFICATIONS

Max. working pressure for body sizes:	3/4" 350 bar (5075 psi)
	1" 300 bar (4350 psi)
Operating temperature	-40°C to +106°C (-40°F to +223°F)
Coupling & nipple material	Carbon steel with trivalent plating
Seal material	NBR

## COUPLINGS – FEMALE HALF



8020

### TC SERIES BSPP FEMALE

PART NUMBER	THREAD
HO-TC16-F-12G	3/4" BSPP
HO-TC19-F-16G	1" BSPP

## NIPPLES – MALE HALF



8020

### TC SERIES BSPP FEMALE

PART NUMBER	THREAD
HO-TC16-M-12G	3/4" BSPP
HO-TC19-M-16G	1" BSPP

## PRESSURE WASHER COUPLINGS – PWC SERIES

### DESCRIPTION

Holmbury's PWC Series couplings are able to accommodate high flow rates & minimal pressure drops. The couplings are valveless, hence when disconnected, any fluid in the system can escape. This makes these couplings suitable for the transmission of non-hazardous fluids only.

### FEATURES

- Valveless design allows for high flow rates & minimal pressure drop characteristics
- Female half has double O-ring sealing arrangement
- Bi-directional flow

### SPECIFICATIONS

Max. working pressure	350 bar (5075 psi)
Operating temperature	-20°C to +200°C (-4°F to +392°F)
Coupling & nipple material	Carbon steel with trivalent plating & QPQ finished female sleeve
Seal material	FKM

## COUPLINGS – FEMALE HALF



8020

### PWC SERIES BSPP FEMALE

PART NUMBER	THREAD
HO-PWC10-F-06G	3/8" BSPP

## NIPPLES – MALE HALF



8020

### PWC SERIES BSPP FEMALE

PART NUMBER	THREAD
HO-PWC10-M-06G	3/8" BSPP



# Ultra High Pressure Couplings

CEJN's high-pressure hydraulic couplings and nipples are relied upon globally to ensure that ships sail smoothly, wind turbines spin, subsea exploration equipment drills and many other ultra-high-pressure hydraulic applications run efficiently. This CEJN original design has now become an industry standard across the world.

All high-pressure hydraulic couplings and nipples from CEJN are designed to prevent fluid spillage and air inclusion. Additionally, they come with dust caps to protect hydraulic systems from contaminants.

## Safety lock secures the connection\*

A secure connection is essential; a quick, smooth locking ring can provide just that. Some users may find that screw locks are time-consuming and occasionally forget to screw them back, leading to accidental disconnection. With ultra-high-pressure quick couplings fitted with a safety lock, you can eliminate the risk of unintentional disconnection. By just giving the bayonet lock a quick twist, you can securely fasten your hydraulic coupling and have peace of mind knowing it is adequately secured.

## Alert Ring for Safe Connection\*

CEJN's ultra-high pressure quick connect couplings are designed with safety in mind. The front part of the coupling features an 'Alert Ring', which serves as an indicator of the connection's completeness. If the ring is still red, the connection is incomplete, and pressurising the system may cause sudden nipple ejection. Before pressurising the system, ensure the connection is complete by checking the alert ring to avoid potential mishaps.

\* On Series 115, 116, 125

## Available Ranges

- CEJN 115 Series
- CEJN 116 Series
- CEJN 125 Series
- CEJN 135 Series
- CEJN 218 Series
- CEJN 950 Series Porting Blocks
- CEJN 950 Series Adaptors

## Specifications

Nominal flow diameter: 2.5 mm, 4.5 mm  
Max. working pressure: 100 – 400 MPa  
Material coupling: 316 stainless steel, hardened stainless steel, hardened black finish steel, hardened steel, zinc-nickel, zinc-iron, hardened zinc chromate plated steel





## FEATURES

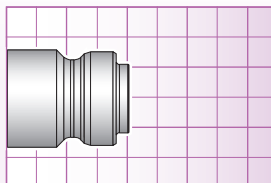
- Available in standard & flat-faced designs
- Extremely small outside dimensions
- Available with a locking sleeve
- Plastic dust caps as standard, aluminium available
- C101156272 hose rupture valve that closes above 13 l/min (2.9 GPM)

## BENEFITS

- Non-drip connection & disconnection
- Optional locking sleeve provides security against involuntary disconnection

## SPECIFICATIONS

	Standard	Flat-Faced
Nominal flow diameter	2.5 mm (3.32")	
Flow capacity	6 l/min (1.3 GPM UK)	5.3 l/min (1.2 GPM UK)
Max. working pressure	1000 bar	800 bar
Min. burst pressure	2600 bar	2800 bar
Temperature range	-30°C to +100°C (-22°F to +212°F)	
Coupling material	Hardened, zinc chromate plated steel	
Nipple material	Hardened, zinc chromate plated steel	
Seal material	NBR	



Not actual size

## Double Shut-off



Nipple not to be pressurised in disconnected position



All series 115 couplings supplied with red plastic dust caps

## COUPLINGS

### 115 SERIES BSPP FEMALE



105

PART NUMBER	THREAD
C101151201	1/8" BSPP
C101151202	1/4" BSPP
C101151204	3/8" BSPP

### NPT FEMALE

C101151401	1/8" NPT
C101151402	1/4" NPT
C101151404	3/8" NPT



105

### 115 SERIES BSPP MALE

PART NUMBER	THREAD
C101151252	1/4" BSPP
C101151254	3/8" BSPP

### NPT MALE

C101151452	1/4" NPT
C101151454	3/8" NPT

## FLAT-FACED COUPLINGS



105

### 115 SERIES BSPP FEMALE

PART NUMBER	THREAD
C101151200	1/4" BSPP

Do you also need?



Metal dust caps



Find it on page 133, section three

## NIPPLES

### 115 SERIES BSPT MALE



105

PART NUMBER	THREAD
C101156152	1/4" BSPT
C101156154	3/8" BSPT

### NPT MALE

C101156451	1/8" NPT
C101156452	1/4" NPT
C101156454	3/8" NPT

### 115 SERIES BSPP MALE HOSE RUPTURE VALVE



105

PART NUMBER	THREAD
C101156272	1/4" BSPP
C101156254	3/8" BSPP

Hose rupture valve that closes above 13 l/min (2.9 GPM)



105

### 115 SERIES BSPP FEMALE

PART NUMBER	THREAD
C101156201	1/8" BSPP
C101156202	1/4" BSPP
C101156204	3/8" BSPP

### NPT FEMALE

C101156401	1/8" NPT
C101156402	1/4" NPT
C101156404	3/8" NPT

Do you also need?



Male thread adaptors



Find it on page 139, section three

## FEATURES

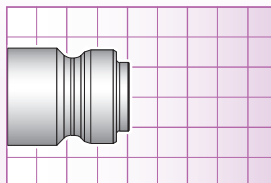
- Available in standard & flat-faced designs
- Extremely small outside dimensions
- Available with a locking sleeve
- Plastic dust caps as standard, aluminium available

## BENEFITS

- Non-drip connection & disconnection
- Optional locking sleeve provides security against involuntary disconnection

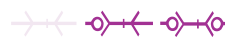
## SPECIFICATIONS

	Standard & T	Flat-Faced
Nominal flow diameter	2.5 mm (3.32")	
Flow capacity	6 l/min (1.3 GPM UK)	5.3 l/min (1.2 GPM UK)
Max. working pressure	1500 bar	
Min. burst pressure	3000 bar	
Temperature range	-30°C to +100°C (-22°F to +212°F)	
Coupling & nipple material	Hardened, zinc chromate plated steel	
Seal material	NBR	



Not actual size

## Single or Double Shut-off



Nipple not to be pressurised in disconnected position

All series 116 couplings supplied with black plastic dust caps



## COUPLINGS

### 116 SERIES BSPP FEMALE



105

PART NUMBER	THREAD
C101161201	1/8" BSPP
C101161202	1/4" BSPP
C101161746**	1/4" BSPP

### NPT FEMALE

C101161402	1/4" NPT
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\*\* C101161746 – stainless steel, with safety lock

### 116 SERIES BSPP FEMALE ANGLED CONNECTION



105

PART NUMBER	THREAD
C101161230	1/4" BSPP

### ANGLED CONNECTION – INTEGRATED SWIVEL

C101161250	1/4" BSPP
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## FLAT-FACED COUPLINGS

### 116 SERIES BSPP FEMALE – FLAT FACED



105

PART NUMBER	THREAD
C101161219	1/4" BSPP
C101161229*	3/8" BSPP

### NPT FEMALE – FLAT FACED

C101161419	1/4" NPT
C101161429*	3/8" NPT

\* Maximum working pressure 1000 bar

### 116 SERIES BSPP MALE – FLAT FACED



105

PART NUMBER	THREAD
C101161269	1/4" BSPP
C101161279*	3/8" BSPP

### NPT MALE – FLAT FACED

C101161469	1/4" NPT
C101161479*	3/8" NPT

\* Maximum working pressure 1000 bar

## NIPPLES

### 116 SERIES BSPP FEMALE



105

PART NUMBER	THREAD
C101166201	1/8" BSPP
C101166202	1/4" BSPP
C101166741***	1/4" BSPP

### NPT FEMALE

C101166402	1/4" NPT
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\*\*\* C101166741 – stainless steel body & valve, acid proof steel back part

### 116 SERIES BSPP MALE – WITHOUT VALVE



105

PART NUMBER	THREAD
C101165252	1/4" BSPP

## T CONNECTORS



105

### 116 SERIES

PART NUMBER	DESIGN	COUPLINGS	NIPPLES
C101163166	A	1	2
C101163116	B	2	1
C101163161	C	2	1
C101163111	D	3	0
C101163616	E	1	2
C101163666	F	0	3

## METAL DUST CAPS



105

### 115 SERIES

PART NUMBER	DESCRIPTION
C101154100	For couplings
C101154101	For nipples
C101154102	With pressure eliminator for nipples

## FEATURES

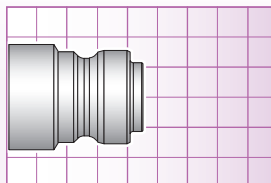
- Extremely small outside dimensions
- Patented seal design
- Available with a locking sleeve
- Plastic dust caps as standard

## BENEFITS

- Non-drip connection & disconnection
- Optional locking sleeve provides security against involuntary disconnection

## SPECIFICATIONS

Nominal flow diameter	2.5 mm (3.32")
Flow capacity	5.8 l/min (1.3 GPM UK)
Max. working pressure	2000 bar or 2500 bar – see table
Min. burst pressure	5000 bar
Temperature range	-30°C to +100°C (-22°F to +212°F)
Coupling material	Hardened, zinc chromate plated steel
Nipple material	Hardened, zinc chromate plated steel
Seal material	NBR



Not actual size

## Single or Double Shut-off



Nipple not to be pressurised in disconnected position



## COUPLINGS

### 125 SERIES

#### BSPP FEMALE

2000 bar (29007 psi)



105

PART NUMBER	THREAD
C101251202	1/4" BSPP

#### BSPP FEMALE – 2500 bar (36259 psi)

C101251203	1/4" BSPP
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## NIPPLES

### 125 SERIES

#### BSPP FEMALE

2000 bar (29007 psi)



105

PART NUMBER	THREAD
C101256202	1/4" BSPP

#### BSPP FEMALE – 2500 bar (36259 psi)

C101256203	1/4" BSPP
------------	-----------

### 125 SERIES

#### 90° BSPP FEMALE

2500 bar (36259 psi)



105

PART NUMBER	THREAD
C101251248	1/4" BSPP

### 125 SERIES

#### BSPP MALE – UNVALVED

2000 bar (29007 psi)



105

PART NUMBER	THREAD
C101255252	1/4" BSPP

## Do you also need?



## High pressure adaptors



Find it on pages 138 – 139, section three

Plastic dust caps supplied as standard

## FEATURES

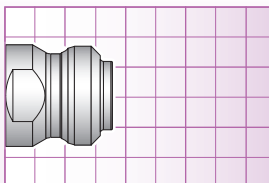
- Extremely high working pressure
- Safety ring design on the locking sleeve
- Plastic dust caps as standard

## BENEFITS

- Provides a fast, easy & safe connection
- Non drip connection & disconnection
- Security against involuntary disconnection

## SPECIFICATIONS

Nominal flow diameter	2.5 mm (3/32")
Flow capacity	4.6 l/min (1.0 GPM UK)
Max. working pressure	3000 bar
Min. burst pressure	6000 bar
Temperature range	-20°C to +80°C (-4°F to +176°F)
Coupling material	Hardened, black finished steel
Nipple material	Hardened, black finished steel
Seal material	NBR
Max. recommended number of pressure cycles	With nipple C101356505: 1000 With nipple C101356506: 5000



Not actual size

## Double Shut-off



## COUPLINGS

### 135 SERIES METRIC FEMALE WITH 60° SEALING CONE



105

PART NUMBER	THREAD
C101351505	M16 x 1.5

## NIPPLES

### 135 SERIES METRIC FEMALE WITH 60° SEALING CONE



105

PART NUMBER	THREAD
C101356505	M16 x 1.5

## NIPPLES - NON ROTATING FOR HEAVY DUTY APPLICATIONS

### 135 SERIES METRIC FEMALE WITH 60° SEALING CONE



105

PART NUMBER	THREAD
C101356506	M16 x 1.5



## Did you know?

Products with safety benefits are indicated by a chevron at the bottom of their table

## Do you also need?



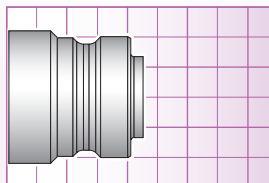
## Pre-assembled hose kits



- Pressure tested & ready to use

Find it on page 136, section three

FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>Extremely high flow</li> <li>Safety ring design on the locking sleeve</li> <li>Plastic dust caps as standard</li> </ul>	<ul style="list-style-type: none"> <li>Very efficient</li> <li>Non-drip connection &amp; disconnection</li> <li>Security against involuntary disconnection</li> </ul>
SPECIFICATIONS	
Nominal flow diameter	4.5 mm (11/64")
Flow capacity	15 l/min (3.3 GPM UK)
Max. working pressure	1000 bar
Min. burst pressure	2800 bar
Temperature range	-30°C to +100°C (-22°F to +212°F)
Coupling material	Hardened, zinc chromate plated steel
Nipple material	Hardened, zinc chromate plated steel
Seal material	NBR



Not actual size

## Double Shut-off



Nipple not to be pressurised in disconnected position



## COUPLINGS

### 218 SERIES BSPP FEMALE



105

PART NUMBER	CONNECTION
C102181234	3/8" BSPP

### NPT FEMALE

C102181434	3/8" NPT
------------	----------

## NIPPLES

### 218 SERIES BSPP FEMALE



105

PART NUMBER	CONNECTION
C102186204	3/8" BSPP

### NPT FEMALE

C102186404	3/8" NPT
------------	----------

## ULTRA HIGH PRESSURE HYDRAULIC HOSE – 951 SERIES

# PRE-ASSEMBLED HOSE KITS

## PRESSURE TESTED & READY TO USE

CEJN's high-pressure hose range reflects the brand's commitment to quality and performance. CEJN hoses are meticulously crafted to the highest standards. This range includes four hoses with varying pressure ratings, up to 250 MPa. With a wide range of fittings, hose kits can be easily assembled to meet virtually any customer requirement.



## ADVANTAGES

- Ultra-high working pressures
- Maintained flexibility throughout entire service life
- Low volumetric expansion
- Smooth inner bores
- Kink resistant, steel reinforced construction
- Abrasion resistant covers
- Small outside diameter
- Superior chemical resistance

## BENEFITS

CEJN high-pressure hose is a spiralised, steel-reinforced polymer hose that picks up where conventional product capabilities stop. It provides an ultra-high working pressure and maintains flexibility throughout its life. Its low volumetric expansion gives fast response time in hydraulic systems, while the smooth inner bores provide a minimised pressure drop. A long-lasting service time & extended hose life, in even the most demanding applications, is a result of the kink-resistant steel-reinforced construction, abrasion-resistant covers & superior chemical resistance. The small outside diameter also makes the hose ideal for tight routing.

	CEJN 700	CEJN 1000	CEJN 1800	CEJN 2500
Part no.				
Hose	C199510701 (Red)	C199511001 (Black)	C199511801 (Blue)	C199512501 (Red)
Hose – Twin design	C199510710 (Red / Yellow)	C199511010 (Red / Blue)	–	–
Design:	Inner tube of polyamide (PA), 2 spiral layers of high tensile steel wire, 2 open spiral synthetic fibre, outer sheath of polyurethane (PUR)	Inner tube of polyamide (PA), 4 layers of spiral wound steel wire, outer sheath of polyurethane (PUR)	Inner tube of polyoxymethylene (POM), 4 spiral layers of high tensile steel wire, outer sheath of polyamide (PA)	Inner tube of polyoxymethylene (POM), 6 spiral layers of high tensile steel wire, outer sheath of polyamide (PA)
Max. working pressure:	70 MPa (10150 psi)	100 MPa (14500 psi)	180 MPa (26100 psi)	250 MPa (36250 psi)
Min. burst pressure:	186 MPa (26970 psi)	320 MPa (46600 psi)	450 MPa (65250 psi)	625 MPa (90620 psi)
ID x OD:	6.3 x 12.4 mm	6.3 x 13.3 mm	4.7 x 11.5 mm	4.7 x 13 mm
Min. bend radius:	70 mm	80 mm	130 mm	175 mm
Weight:	190 g/m	305 g/m	280 g/m	410 g/m
Temperature range:	-40°C to +100°C	-40°C to +100°C	-40°C to +100°C	-40°C to +100°C
Other information:	Other colours upon request			

For more information & prices, please ask your distributor

## FEATURES

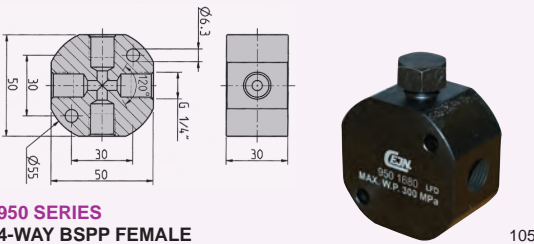
- Available in five different sizes & designs, with a varying number of ports
- Seal with 120° sealing cone or rubber metal seal

## SPECIFICATIONS

Nominal flow diameter	5 mm (3/16")
Max. working pressure: C199501681	2000 bar (29007 psi)
All other	3000 bar (43511 psi)
With rubber metal seal	1000 bar (14500 psi)
Materials	Black zinc plated steel

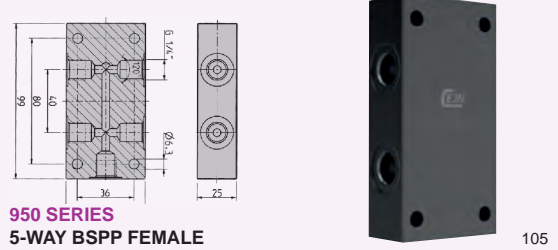


## DISTRIBUTION BLOCKS



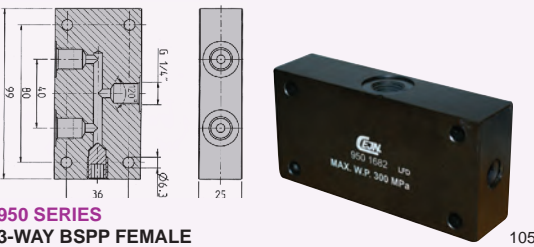
**950 SERIES**  
**4-WAY BSPP FEMALE**

PART NUMBER	THREAD	DESCRIPTION
C199501680	1/4" BSPP	Supplied with one blind plug



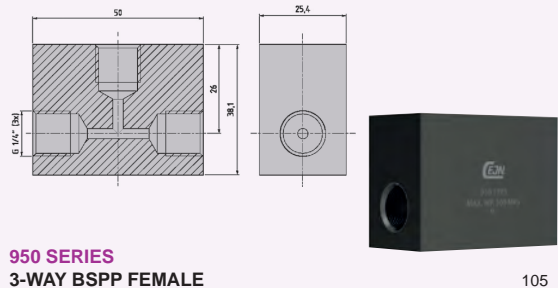
**950 SERIES**  
**5-WAY BSPP FEMALE**

PART NUMBER	THREAD
C199501683	1/4" BSPP



**950 SERIES**  
**3-WAY BSPP FEMALE**

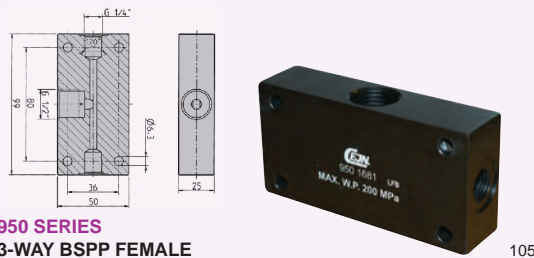
PART NUMBER	THREAD
C199501682	1/4" BSPP



**950 SERIES**  
**3-WAY BSPP FEMALE**

PART NUMBER	THREAD
C199501785	1/4" BSPP

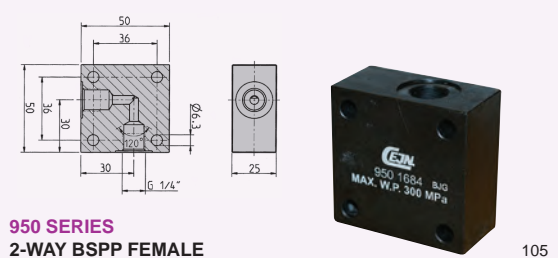
## GAUGE BLOCKS



**950 SERIES**  
**3-WAY BSPP FEMALE**

PART NUMBER	THREAD	GAUGE CONNECTION
C199501681	1/4" BSPP	1/2" BSP with sealing washer

## L BLOCKS



**950 SERIES**  
**2-WAY BSPP FEMALE**

PART NUMBER	THREAD
C199501684	1/4" BSPP



## FEATURES

- A safe & trouble free connection
- Very wide connection range, suitable for most couplings & hoses

## SPECIFICATIONS

Max. working pressure	1500 bar to 3000 bar
Materials	Black zinc plated steel



## MALE THREAD ADAPTORS

### 950 SERIES

WORKING PRESSURE: 1500 bar



105

PART NUMBER	DESCRIPTION
C199500015	1/4" BSP male fully threaded length 25 mm

### 950 SERIES

WORKING PRESSURE: 1500 bar



105

PART NUMBER	DESCRIPTION
C199500016	1/8" BSP male fully threaded length 22 mm

### 950 SERIES

WORKING PRESSURE: 3000 bar



105

PART NUMBER	DESCRIPTION
C199500022	1/4" BSP with 120° external cone x 9/16" - 18 UNF with 60° external cone

### 950 SERIES

WORKING PRESSURE: 2500 bar



105

PART NUMBER	DESCRIPTION
C199500028	1/4" BSP with 120° external cone x M14 x 1.5 with 60° internal cone

### 950 SERIES

WORKING PRESSURE: 2500 bar



105

PART NUMBER	DESCRIPTION
C199500029	1/4" BSP with 120° external cone x 9/16" - 18 UNF with 60° internal cone

### 950 SERIES

WORKING PRESSURE: 1500 bar



105

PART NUMBER	DESCRIPTION
C199501404	1/4" BSP with 120° external cone x 3/8" NPT

### 950 SERIES

WORKING PRESSURE: 3000 bar



105

PART NUMBER	DESCRIPTION
C199501600	1/4" BSP male blind plug

### 950 SERIES

WORKING PRESSURE: 3000 bar



105

PART NUMBER	DESCRIPTION
C199501601	1/4" BSP with 120° external cone x 1/4" BSP with 120° external cone

### 950 SERIES

WORKING PRESSURE: 2500 bar



105

PART NUMBER	DESCRIPTION
C199501602	1/4" BSP with 60° internal cone x 1/4" BSP with 120° external cone

### 950 SERIES

WORKING PRESSURE: 1500 bar



105

PART NUMBER	DESCRIPTION
C199501603	1/4" BSP with 60° internal cone x 3/8" NPT

### CEJN SERIES 950

WORKING PRESSURE: 1500 bar



105

PART NUMBER	DESCRIPTION
C199501604	1/4" BSP with 60° internal cone x 3/8" BSPT

### 950 SERIES

WORKING PRESSURE: 2500 bar



105

PART NUMBER	DESCRIPTION
C199501605	1/4" BSP with 60° internal cone x 9/16" - 18 UNF with 60° external cone

### 950 SERIES

WORKING PRESSURE: 2500 bar



105

PART NUMBER	DESCRIPTION
C199501606	1/4" BSP with 60° internal cone x 3/4" - 16 UNF with 60° external cone

### 950 SERIES

WORKING PRESSURE: 2500 bar



105

PART NUMBER	DESCRIPTION
C199501607	1/4" BSP with 60° internal cone x M16 x 1.5 with 60° external cone



## FEATURES

- A safe & trouble free connection
- Very wide connection range, suitable for most couplings & hoses

## SPECIFICATIONS

Max. working pressure	1500 bar to 3000 bar
Materials	Black zinc plated steel



## MALE THREAD ADAPTORS

### 950 SERIES

WORKING PRESSURE: 2500 bar



105

PART NUMBER	DESCRIPTION
C199501608	1/4" BSP with 60° internal cone x M22 x 1.5 with 60° external cone

### 950 SERIES

WORKING PRESSURE: 3000 bar



105

PART NUMBER	DESCRIPTION
C199501609	1/4" BSP with 120° external cone x M22 x 1.5 with 60° external cone

### 950 SERIES

WORKING PRESSURE: 3000 bar



105

PART NUMBER	DESCRIPTION
C199501610	1/4" BSP with 120° external cone x M16 x 1.5 with 60° external cone

### 950 SERIES

WORKING PRESSURE: 3000 bar



105

PART NUMBER	DESCRIPTION
C199501611	1/4" BSP with 120° external cone x 3/4" – 16 UNF with 60° external cone

### 950 SERIES

WORKING PRESSURE: 3000 bar



105

PART NUMBER	DESCRIPTION
C199501612	M16 x 1.5 with 60° external cone x M16 x 1.5 with 60° external cone

### 950 SERIES

WORKING PRESSURE: 2000 bar



105

PART NUMBER	DESCRIPTION
C199501613	9/16"-18 UNF with 60° external cone x M16 x 1.5 with 60° external cone

### 950 SERIES

WORKING PRESSURE: 2500 bar



105

PART NUMBER	DESCRIPTION
C199501614	9/16"-18 UNF with 60° internal cone x M16 x 1.5 with 60° external cone

### 950 SERIES

WORKING PRESSURE: 1500 bar



105

PART NUMBER	DESCRIPTION
C199501621	1/4" BSP with 60° internal cone x 1/4" BSPT

### 950 SERIES

WORKING PRESSURE: 2500 bar



105

PART NUMBER	DESCRIPTION
C199501622	1/4" BSP with 60° internal cone x 1/4" BSP with 60° internal cone

### 950 SERIES

WORKING PRESSURE: 1500 bar



105

PART NUMBER	DESCRIPTION
C199501623	1/4" BSP with 60° internal cone x 1/4" NPT

### 950 SERIES

WORKING PRESSURE: 1500 bar \*\*\*



105

PART NUMBER	DESCRIPTION
C199500083	High strength 1/4" BSP Tredo rubber metal seal

\*\*\* 1500 bar with C199501622 & C199500083

### 950 SERIES

WORKING PRESSURE: 1500 bar



110

PART NUMBER	CONNECTION
C199501650	1/4" BSPP

### 950 SERIES

WORKING PRESSURE: 1000 bar



110

PART NUMBER	DESCRIPTION
C199500061	1/8" BSP Tredo rubber metal seal
C199500062	1/4" BSP Tredo rubber metal seal
C199500064	3/8" BSP Tredo rubber metal seal

### 950 SERIES

WORKING PRESSURE: 1000 bar



105

PART NUMBER	DESCRIPTION
C199500084	1/4" BSP USIT rubber metal seal



# Fluid Couplings

CEJN's non-drip couplings are engineered explicitly for low pressure fluid and vacuum applications while meeting high-performance and safety standards. The product line is versatile and compatible with various fluid types, including beverages, salt water, and oil. It is an ideal solution for connecting different types of fluid lines.

The couplings were designed with two essential features:

## Modular construction

All nipples and coupling components have standardised dimensions, allowing for easy interchangeability and combining various configurations.

## Non-drip construction

Fluid spillage during fluid conveying can cause personal injury or property damage. However, with non-drip construction, there is virtually zero spillage, eliminating pollution and air inclusion while connecting and disconnecting.

CEJN full-flow couplings feature an economical valveless design that allows unrestricted high flow and accommodates high viscosity fluids. The straightforward design of these couplings reduces pressure drop.

Engineered with the high quality that customers expect with couplings bearing the CEJN name, the new quick connect couplings offer long service life in low pressure applications, such as fluid transfer, mould coolant / heating, chemical processing, and vacuum service.

One hand connection is achieved by pulling back the locking sleeve and pushing in the nipple. Couplings are easy to clean, and the O-ring is easily accessible and replaceable.

The new couplings are available in three finishes: high gloss, nickel plated brass, and electro-polished AISI 316 stainless steel. The inflow diameters include 25 mm (1"), 38 mm (1 1/2"), and 51 mm (2").

## Available Ranges

- CEJN DLC Series
- CEJN 767 Series
- CEJN 287 Series UltraFLOW
- CEJN 487 Series UltraFLOW
- CEJN 587 Series UltraFLOW
- CEJN Non-Drip Series – Brass
- CEJN 321 Series
- CEJN 324 Series
- CEJN 411 Series
- CEJN 414 Series
- CEJN 417 Series
- CEJN 604 Series
- CEJN 704 Series
- PARKAIR 45 Series
- PARKAIR CP20 Series
- PARKAIR Mould Couplings
- CEJN Non-Drip Series – Stainless Steel
- CEJN 326 Series
- CEJN 416 Series



DESCRIPTION – DLC3	DESCRIPTION – DLC5	DESCRIPTION – SERIES 767
<ul style="list-style-type: none"><li>• Thermal control / auto-couplings</li><li>• Direct Liquid Cooling (DLC) DN3</li><li>• Stainless steel</li></ul>	<ul style="list-style-type: none"><li>• Thermal control / auto-couplings</li><li>• Direct Liquid Cooling (DLC) DN5</li><li>• Aluminium</li></ul>	<ul style="list-style-type: none"><li>• Non-drip brass couplings &amp; nipples</li></ul>
FEATURES – DLC3	FEATURES – DLC5	FEATURES – SERIES 767
<ul style="list-style-type: none"><li>• Spill-free connection &amp; disconnection</li><li>• Self-aligning feature</li><li>• Connection under full working pressure</li><li>• Stainless steel version</li></ul>	<ul style="list-style-type: none"><li>• Optimised for extreme spill-free connection / disconnection</li><li>• Excellent flow capacity</li><li>• Self-aligning</li><li>• Panel &amp; thread versions available</li><li>• Connection under full working pressure</li></ul>	<ul style="list-style-type: none"><li>• Non-drip design</li><li>• Unlimited combination possibilities</li><li>• Different safety levels to avoid mixing media</li></ul>

SPECIFICATIONS	DLC3	DLC5	767
Nominal flow diameter	3 mm (1/8")	5 mm (3/16")	19 mm (3/4")
Max. working pressure	16 bar (232 psi)	10 bar (145 psi)	20 bar (290 psi)
Min. burst pressure	64 bar (928 psi)	40 bar (580 psi)	80 bar (1160 psi)
Temperature range	-40°C to +100°C (-40°F to +212°F)	-40°C to +100°C (-40°F to +212°F)	-20°C to +150°C (-4°F to +302°F)
Coupling & nipple material	316L stainless steel	Surface treated aluminium alloy	Nickel plated brass
Seal material	NBR or EPDM, see table	NBR or EPDM, see table	EPDM

## COUPLINGS – STAINLESS STEEL

### DLC3 SERIES

#### METRIC MALE – NBR SEALS

PART NUMBER	THREAD	Ø DIA.
C101501540	M11 x 1	3 mm

#### METRIC MALE – EPDM SEALS

C101501544	M11 x 1	3 mm
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322

## NIPPLES – STAINLESS STEEL

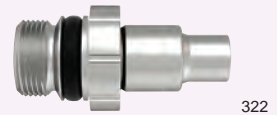
### DLC3 SERIES

#### METRIC MALE – NBR SEALS

PART NUMBER	THREAD	Ø DIA.
C101506540	M11 x 1	3 mm

#### METRIC MALE – EPDM SEALS

C101506544	M11 x 1	3 mm
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322

## COUPLINGS – ALUMINIUM

### DLC5 SERIES

#### METRIC FEMALE – NBR SEALS

PART NUMBER	THREAD	Ø DIA.
C101501900	M19 x 1	5 mm

#### METRIC FEMALE – EPDM SEALS

C101501921	M19 x 1	5 mm
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322

## NIPPLES – ALUMINIUM

### DLC5 SERIES

#### METRIC FEMALE – NBR SEALS

PART NUMBER	THREAD	Ø DIA.
C101506900	M16 x 0.75	5 mm

#### METRIC FEMALE – EPDM SEALS

C101506921	M16 x 0.75	5 mm
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322

### DLC5 SERIES

#### METRIC FEMALE – NBR SEALS

PART NUMBER	FLANGE	Ø DIA.
C101501901	4 x screws (M3)	5 mm

#### METRIC FEMALE – EPDM SEALS

C101501922	4 x screws (M3)	5 mm
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322

### DLC5 SERIES

#### METRIC FEMALE – NBR SEALS

PART NUMBER	FLANGE	Ø DIA.
C101506901	4 x screws (M3)	5 mm

#### METRIC FEMALE – EPDM SEALS

C101506922	4 x screws (M3)	5 mm
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322

## COUPLINGS – BRASS

### 767 SERIES

#### BSPF FEMALE – EPDM SEALS

PART NUMBER	THREAD	O-RING	Ø DIA.
C107671291	1" BSPF	Red	19 mm
C107671293	1" BSPF	Blue	19 mm



322

## NIPPLES – BRASS

### 767 SERIES

#### BSPF FEMALE – EPDM SEALS

PART NUMBER	THREAD	O-RING	Ø DIA.
C107676291	1" BSPF	Red	19 mm
C107676293	1" BSPF	Blue	19 mm



322

## FEATURES

- Unequalled low pressure drop
- Lightweight & compact design
- Colour coding option to eliminate cross connection
- Universal connections for total flexibility

## SPECIFICATIONS

Nominal flow diameter	5 mm (1/4")
Max. working pressure	10 bar (145 psi)
Min. burst pressure	40 bar (580 psi)
Temperature range	-40°C to +150°C (-40°F to +302°F)
Coupling material	Hard anodised aluminium
Nipple material	Hard anodised aluminium
Kv (double shut-off)	0.93
Cv (double shut-off)	1.08
Seal material	EPDM: -30°C to +150°C (86°F to 302°F) FVMQ: -40°C to +150°C (-40°F to +302°F)

Flow coefficient Kv/Cv are specified for flow direction with lowest value. Colour coding possible as an option.

## Double Shut-Off



## COUPLINGS

### 287 SERIES

#### HOSE BARB – EPDM SEAL



310

PART NUMBER	TUBE ID	METRIC EQ.
C102871022	1/4"	6.4 mm

#### HOSE BARB – FVMQ SEAL

C102871032	1/4"	6.4 mm
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## NIPPLES

### 287 SERIES

#### HOSE BARB – EPDM SEAL



310

PART NUMBER	TUBE ID	METRIC EQ.
C102876022	1/4"	6.4 mm

#### HOSE BARB – FVMQ SEAL

C102876032	1/4"	6.4 mm
------------	------	--------

### 287 SERIES

#### BSPP MALE – EPDM SEAL



310

PART NUMBER	THREAD
C102871272	1/4" BSPP

#### BSPP MALE – FVMQ SEAL

C102871282	1/4" BSPP
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### 287 SERIES

#### BSPP MALE – EPDM SEAL



310

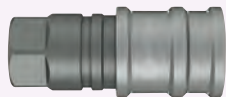
PART NUMBER	THREAD
C102876272	1/4" BSPP

#### BSPP MALE – FVMQ SEAL

C102876282	1/4" BSPP
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### 287 SERIES

#### BSPP FEMALE – EPDM SEAL



310

PART NUMBER	THREAD
C102871222	1/4" BSPP
C102871224	3/8" BSPP

#### BSPP FEMALE – FVMQ SEAL

C102871232	1/4" BSPP
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### 287 SERIES

#### BSPP FEMALE – EPDM SEAL



310

PART NUMBER	THREAD
C102876222	1/4" BSPP
C102876224	3/8" BSPP

#### BSPP FEMALE – FVMQ SEAL

C102876232	1/4" BSPP
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## ACCESSORIES

### 287 SERIES

#### WASHER / O-RING – EPDM SEAL



310

PART NUMBER	SIZE
C102874272	1/4"

### 287 SERIES

#### WASHER / O-RING – FVMQ SEAL



310

PART NUMBER	SIZE
C102874282	1/4"

### SPECIFICATIONS

Nominal flow diameter	8 mm (5/16")
Max. working pressure	10 bar (145 psi)
Min. burst pressure	40 bar (580 psi)
Temperature range	-40°C to +150°C (-40°F to +302°F)
Coupling & nipple material	Hard anodised aluminium
Kv (double shut-off)	2.93
Cv (double shut-off)	3.39
Seal material	EPDM: -30°C to +150°C (86°F to 302°F) FVMQ: -40°C to +150°C (-40°F to +302°F)

### FEATURES

- Unequalled low pressure drop
- Lightweight & compact design
- Colour coding option to eliminate cross connection
- Universal connections for total flexibility

Flow coefficient Kv / Cv are specified for flow direction with lowest value. Colour coding possible as an option.

### Double Shut-Off



## COUPLINGS

### 487 SERIES

#### HOSE BARB – EPDM SEAL



310

PART NUMBER	TUBE ID	METRIC EQ.
C104871026	5/8"	16 mm

#### HOSE BARB – FVMQ SEAL

C104871036	5/8"	16 mm
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### 487 SERIES

#### HOSE BARB 90° ANGLE – EPDM SEAL



310

PART NUMBER	TUBE ID	METRIC EQ.
C104871926	5/8"	16 mm

#### HOSE BARB 90° ANGLE – FVMQ SEAL

C104871936	5/8"	16 mm
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### 487 SERIES

#### BSPP MALE – EPDM SEAL



310

PART NUMBER	THREAD
C104871274	3/8" BSPP
C104871275	1/2" BSPP

#### BSPP MALE – FVMQ SEAL

C104871284	3/8" BSPP
C104871285	1/2" BSPP

### 487 SERIES

#### BSPP MALE 90° ANGLE – EPDM SEAL



310

PART NUMBER	THREAD
C104871974	3/8" BSPP
C104871975	1/2" BSPP

#### BSPP MALE 90° ANGLE – FVMQ SEAL

C104871984	3/8" BSPP
C104871985	1/2" BSPP

### 487 SERIES

#### BSPP FEMALE – EPDM SEAL



310

PART NUMBER	THREAD
C104871224	3/8" BSPP
C104871225	1/2" BSPP

#### BSPP FEMALE – FVMQ SEAL

C104871234	3/8" BSPP
C104871235	1/2" BSPP

## NIPPLES

### 487 SERIES

#### HOSE BARB – EPDM SEAL



310

PART NUMBER	TUBE ID	METRIC EQ.
C104876026	5/8"	16 mm

#### HOSE BARB – FVMQ SEAL

C104876036	5/8"	16 mm
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### 487 SERIES

#### BSPP MALE – EPDM SEAL



310

PART NUMBER	THREAD
C104876274	3/8" BSPP
C104876275	1/2" BSPP

#### BSPP MALE – FVMQ SEAL

C104876284	3/8" BSPP
C104876285	1/2" BSPP

### 487 SERIES

#### BSPP FEMALE – EPDM SEAL



310

PART NUMBER	THREAD
C104876224	3/8" BSPP
C104876225	1/2" BSPP

#### BSPP FEMALE – FVMQ SEAL

C104876234	3/8" BSPP
C104876235	1/2" BSPP

## ACCESSORIES

### 487 SERIES

#### WASHER / O-RING – EPDM SEAL



310

PART NUMBER	SIZE
C104874274	3/8"
C104874275	1/2"

### 487 SERIES

#### WASHER / O-RING – FVMQ SEAL



310

PART NUMBER	SIZE
C104874284	3/8"
C104874285	1/2"



### SPECIFICATIONS

Nominal flow diameter	12 mm (1/2")
Max. working pressure	10 bar (145 psi)
Min. burst pressure	40 bar (580 psi)
Temperature range	-40°C to +150°C (-40°F to +302°F)
Coupling & nipple material	Hard anodised aluminium
Kv (double shut-off)	8.08
Cv (double shut-off)	9.34
Seal material	EPDM: -30°C to +150°C (86°F to 302°F) FVMQ: -40°C to +150°C (-40°F to +302°F)

### FEATURES

- Unequalled low pressure drop
- Lightweight & compact design
- Colour coding option to eliminate cross connection
- Universal connections for total flexibility

Flow coefficient Kv / Cv are specified for flow direction with lowest value. Colour coding possible as an option.

### Double Shut-Off



## COUPLINGS

### 587 SERIES

#### HOSE BARB – EPDM SEAL



310

PART NUMBER	TUBE ID	METRIC EQ.
C105871027	3/4"	19 mm

#### HOSE BARB – FVMQ SEAL

C105871037	3/4"	19 mm
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### 587 SERIES

#### HOSE BARB 90° ANGLE – EPDM SEAL



310

PART NUMBER	TUBE ID	METRIC EQ.
C105871927	3/4"	19 mm

#### HOSE BARB 90° ANGLE – FVMQ SEAL

C105871937	3/4"	19 mm
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### 587 SERIES

#### BSPP MALE – EPDM SEAL



310

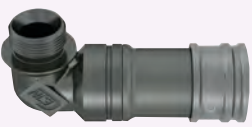
PART NUMBER	THREAD
C105871275	1/2" BSPP
C105871277	3/4" BSPP

#### BSPP MALE – FVMQ SEAL

C105871285	1/2" BSPP
C105871287	3/4" BSPP

### 587 SERIES

#### BSPP MALE 90° ANGLE – EPDM SEAL



310

PART NUMBER	THREAD
C105871977	3/4" BSPP

#### BSPP MALE 90° ANGLE – FVMQ SEAL

C105871987	3/4" BSPP
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### 587 SERIES

#### BSPP FEMALE – EPDM SEAL



310

PART NUMBER	THREAD
C105871225	1/2" BSPP
C105871227	3/4" BSPP

#### BSPP FEMALE – FVMQ SEAL

C105871235	1/2" BSPP
C105871237	3/4" BSPP

## NIPPLES

### 587 SERIES

#### HOSE BARB – EPDM SEAL



310

PART NUMBER	TUBE ID	METRIC EQ.
C105876027	3/4"	19 mm

#### HOSE BARB – FVMQ SEAL

C105876037	3/4"	19 mm
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### 587 SERIES

#### BSPP MALE – EPDM SEAL



310

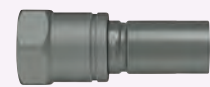
PART NUMBER	THREAD
C105876275	1/2" BSPP
C105876277	3/4" BSPP

#### BSPP MALE – FVMQ SEAL

C105876285	1/2" BSPP
C105876287	3/4" BSPP

### 587 SERIES

#### BSPP FEMALE – EPDM SEAL



310

PART NUMBER	THREAD
C105876227	3/4" BSPP

#### BSPP FEMALE – FVMQ SEAL

C105876237	3/4" BSPP
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## ACCESSORIES

### 587 SERIES

#### WASHER / O-RING – EPDM SEAL



310

PART NUMBER	SIZE
C105874275	1/2"
C105874277	3/4"

### 587 SERIES

#### WASHER / O-RING – FVMQ SEAL



310

PART NUMBER	SIZE
C105874285	1/2"
C105874287	3/4"

SPECIFICATIONS	
Nominal flow diameter	32 mm (1.3")
Max. working pressure	10 bar (145 psi)
Min. burst pressure	40 bar (580 psi)
Temperature range	-30°C to +100°C (-22°F to +212°F)
Coupling & nipple material	Hard anodised aluminium
Kv (double shut-off)	40.0
Cv (double shut-off)	46.2
Seal material	EPDM

**FEATURES**

- Screw to connect
- Specifically designed for liquid cooling of electronics
- High flow
- Low pressure drop

Flow coefficient Kv / Cv are specified for flow direction with lowest value. Colour coding possible as an option.

**Double Shut-Off**

COUPLINGS

**987 SERIES**  
**BSPP FEMALE – EPDM SEAL**

PART NUMBER	THREAD
<b>C109871223</b>	1 1/2" BSPP

**987 SERIES**  
**BSPP MALE – EPDM SEAL**

PART NUMBER	THREAD
<b>C109871273</b>	1 1/2" BSPP

NIPPLES

**987 SERIES**  
**BSPP FEMALE – EPDM SEAL**

PART NUMBER	THREAD
<b>C109876223</b>	1 1/2" BSPP

**987 SERIES**  
**BSPP MALE – EPDM SEAL**

PART NUMBER	THREAD
<b>C109876273</b>	1 1/2" BSPP

Do you also need?

**PARKAIR®** EPDM hose

Find it on page 683, section ten



## FEATURES

- Safety Level 1, Standard – All couplings connect with all nipples in the range
- Safety Level 2, Colour Coding – With colour coding for easy identification
- Safety Level 3, Key Coding – With a non-interchangeable key feature that prevents cross-connection
- Safety Level 4, Safety Key Coding – With the same key coding, enabling them to be connected only with each other

**Straight Through,  
Single or Double Shut-Off**



For other Safety Levels please contact your distributor.

SPECIFICATIONS	267	467	567	667	767
Nominal flow diameter	4 mm	6 mm	9 mm	14 mm	19 mm
Flow capacity – Double shut-off	17 l/min	36 l/min	76 l/min	168 l/min	306 l/min
Flow capacity – Single shut-off	17 l/min	36 l/min	78 l/min	193 l/min	334 l/min
Flow capacity – Straight through	32 l/min	62 l/min	187 l/min	413 l/min	803 l/min
Max. working pressure	20 bar	20 bar	20 bar	20 bar	20 bar
Min. burst pressure	80 bar	80 bar	80 bar	80 bar	80 bar
Temperature range	-15°C to +100°C (5°F to 212°F)				
Body material	Nickel plated brass				
Seal material	NBR				

**Non-drip when using valved coupling & nipple**

## BRASS COUPLINGS – Safety Level 1



322

### NON-DRIP SERIES

#### BSPP FEMALE – UNVALVED

PART NUMBER	THREAD
C102670200	1/4" BSPP
C104670200	3/8" BSPP
C105670200	1/2" BSPP
C106670200	3/4" BSPP
C107670200	1" BSPP

#### BSPP FEMALE – VALVED

C102671200	1/4" BSPP
C104671200	3/8" BSPP
C105671200	1/2" BSPP
C106671200	3/4" BSPP
C107671200	1" BSPP

## BRASS NIPPLES – Safety Level 1



322

### NON-DRIP SERIES

#### BSPP FEMALE – UNVALVED

PART NUMBER	THREAD
C102675200	1/4" BSPP
C104675200	3/8" BSPP
C105675200	1/2" BSPP
C106675200	3/4" BSPP
C107675200	1" BSPP

#### BSPP FEMALE – VALVED

C102676200	1/4" BSPP
C104676200	3/8" BSPP
C105676200	1/2" BSPP
C106676200	3/4" BSPP
C107676200	1" BSPP

## DUST CAPS FOR COUPLINGS



322

### NON-DRIP SERIES

#### DUST CAPS

PART NUMBER	FOR USE WITH
C102671000	267 Series coupling
C104671000	467 Series coupling
C105671000	567 Series coupling
C106671000	667 Series coupling
C107671000	767 Series coupling

## DUST CAPS FOR NIPPLES



322

### NON-DRIP SERIES

#### DUST CAPS

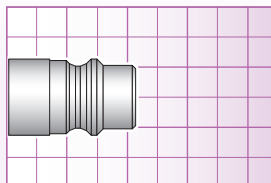
PART NUMBER	FOR USE WITH
C102671050	267 Series nipple
C104671050	467 Series nipple
C105671050	567 Series nipple
C106671050	667 Series nipple
C107671050	767 Series nipple



### Did you know?

Products with safety benefits are indicated by a chevron at the bottom of their table

FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>Valved couplings &amp; unvalved nipples</li> <li>Superior flow capacity dimensions</li> </ul>	<ul style="list-style-type: none"> <li>Fast, easy, one hand operation</li> <li>Extremely efficient</li> </ul>
SPECIFICATIONS	
Flow capacity	78 l/min (17.16 CFM)*
Max. working pressure	35 bar (508 psi)
Min. burst pressure	140 bar (2030 psi)
Temperature range	-20°C to +100°C (-4°F to +212°F)
Nominal flow diameter	7.4 mm (9/32"), Kv (Cv) 2.34 (2.72)
Coupling material	Nickel plated brass
Nipple material	Nickel plated brass
Seal material	NBR



Not actual size

Single Shut-Off
*Flow capacity measured at 4 bar (56 psi) pressure drop.

## COUPLINGS

### 321 SERIES HOSE BARB – VALVED



310

PART NUMBER	TUBE ID	METRIC EQ.
C103211003	5/16"	8 mm
C103211004	3/8"	10 mm
C103211005	1/2"	13 mm

## NIPPLES

### 321 SERIES HOSE BARB – UNVALVED



310

PART NUMBER	TUBE ID	METRIC EQ.
C103215003	5/16"	8 mm
C103215004	3/8"	10 mm
C103215005	1/2"	13 mm

### 321 SERIES BSPT MALE – VALVED



310

PART NUMBER	THREAD
C103211152	1/4" BSPT
C103211154	3/8" BSPT
C103211155	1/2" BSPT

### 321 SERIES BSPT MALE – UNVALVED



310

PART NUMBER	THREAD
C103215151	1/8" BSPT
C103215152	1/4" BSPT
C103215154	3/8" BSPT
C103215155	1/2" BSPT

### 321 SERIES BSPP FEMALE – VALVED



310

PART NUMBER	THREAD
C103211202	1/4" BSPP
C103211204	3/8" BSPP
C103211205	1/2" BSPP

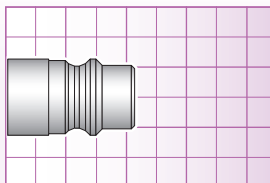
### 321 SERIES BSPP FEMALE – UNVALVED



310

PART NUMBER	THREAD
C103215202	1/4" BSPP

FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>Two-way shut-off</li> <li>Connectable with unvalved nipples of the 321 series</li> <li>Small internal dimensions</li> </ul>	<ul style="list-style-type: none"> <li>Fast, easy, one hand operation</li> </ul>
SPECIFICATIONS	
Flow capacity	42 l/min (9.2 GPM UK)*
Max. working pressure	35 bar (508 psi)
Min. burst pressure	140 bar (2030 psi)
Temperature range	-30°C to +100°C (-22°F to +212°F)
Nominal flow diameter	6.2 mm (1/4"), Kv (Cv): 1.26 (1.46)
Coupling material	Nickel plated brass
Nipple material	Nickel plated brass
Seals	Standard NBR For FKM seals see items marked**



Not actual size

## Single or Double Shut-Off



\*Flow capacity measured at 4 bar (56 psi) pressure drop.

## COUPLINGS

### 324 SERIES HOSE BARB



320

PART NUMBER	TUBE ID	METRIC EQ.
C103241004	3/8"	10 mm

## NIPPLES

### 324 SERIES BSPP FEMALE – VALVED



320

PART NUMBER	THREAD
C103246202	1/4" BSPP

### 324 SERIES BSPT MALE



320

PART NUMBER	THREAD
C103241152	1/4" BSPT

### 324 SERIES BSPP FEMALE



320

PART NUMBER	THREAD
C103241202	1/4" BSPP
C103241204	3/8" BSPP
C103241212**	1/4" BSPP

\*\*FKM Seal

## Do you also need?

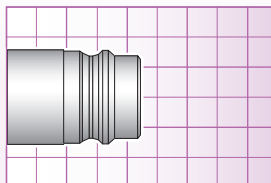


## Unvalved nipples



Find it on page 147, section three

FEATURES	BENEFITS
• Valved couplings & unvalved nipples	• Fast, easy, one hand operation
SPECIFICATIONS	
Flow capacity	156 l/min (34.32 GPM UK)*
Max. working pressure	35 bar (508 psi)
Min. burst pressure	140 bar (2030 psi)
Temperature range	-30°C to +100°C (-22°F to +212°F)
Nominal flow diameter	10.4 mm (13/32"), Kv (Cv): 4.68 (5.44)
Coupling material	Nickel plated brass
Nipple material	Chrome plated brass
Seal material	NBR



Not actual size

Single or Double Shut-Off



\*Flow capacity measured at 4 bar (56 psi) pressure drop.

Three

## COUPLINGS

## NIPPLES

### 411 SERIES HOSE BARB



325

PART NUMBER	TUBE ID	METRIC EQ.
C104111005	1/2"	13 mm
C104111006	5/8"	16 mm
C104111007	3/4"	19 mm

### 411 SERIES HOSE BARB – UNVALVED



325

PART NUMBER	TUBE ID	METRIC EQ.
C104115004	3/8"	10 mm
C104115005	1/2"	13 mm
C104115006	5/8"	16 mm
C104115007	3/4"	19 mm

### HOSE BARB – VALVED

C104117005	1/2"	13 mm
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### 411 SERIES BSPT MALE



325

PART NUMBER	THREAD
C104111154	3/8" BSPT
C104111155	1/2" BSPT
C104111157	3/4" BSPT

### 411 SERIES BSPP MALE – UNVALVED



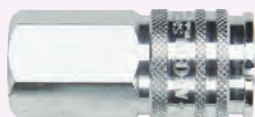
325

PART NUMBER	THREAD
C104115255	1/2" BSPP
C104115257	3/4" BSPP

### BSPP MALE – VALVED

C104117255	1/2" BSPP
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### 411 SERIES BSPP FEMALE



325

PART NUMBER	THREAD
C104111205	1/2" BSPP
C104111207	3/4" BSPP

### 411 SERIES BSPP FEMALE – UNVALVED



325

PART NUMBER	THREAD
C104115204	3/8" BSPP
C104115205	1/2" BSPP
C104115207	3/4" BSPP

## FEATURES

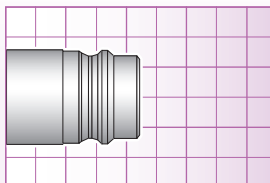
- Two-way shut-off
- Connectable with series 411 unvalved nipples
- Dust caps are included as standard

## BENEFITS

- Fast, easy, one hand operation

## SPECIFICATIONS

Flow capacity	71 l/min (15.6 GPM UK)*
Max. working pressure	35 bar (508 psi)
Min. burst pressure	140 bar (2030 psi)
Temperature range NBR	-30°C to +100°C (-22°F to +212°F)
Nominal flow diameter	8.9 mm (11/32")
Kv (Cv)	2.13 (2.48)
Coupling material	Chrome plated brass
Nipple material	Chrome plated brass
Seal material	NBR



Not actual size

## Single or Double Shut-Off



\*Flow capacity measured at 4 bar (56 psi) pressure drop.

## COUPLINGS

### 414 SERIES HOSE BARB



335

PART NUMBER	TUBE ID	METRIC EQ.
C104141005	1/2"	13 mm
C104141006	5/8"	16 mm
C104141007	3/4"	19 mm

## NIPPLES

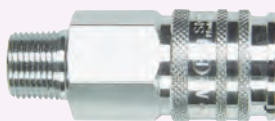
### 414 SERIES BSPP FEMALE – VALVED



335

PART NUMBER	THREAD
C104146205	1/2" BSPP
C104146405	1/2" NPT

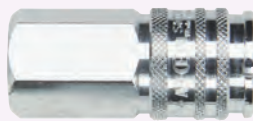
### 414 SERIES BSPT MALE



335

PART NUMBER	THREAD
C104141155	1/2" BSPT

### 414 SERIES BSPP FEMALE



335

PART NUMBER	THREAD
C104141205	1/2" BSPP

## Do you also need?



## Compatible nipples



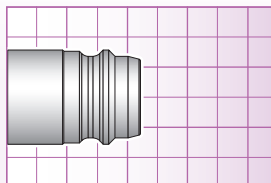
Find it on page 149, section three

## FEATURES

- Straight through, valveless design
- Two-handed operation

## SPECIFICATIONS

Flow capacity – straight through	226 l/min (49.72 GPM UK)*
Max. working pressure	20 bar (290 psi)
Min. burst pressure	80 bar (1160 psi)
Temperature range	-30°C to +100°C (-22°F to +212°F)
Nominal flow diameter	10.5 mm (13/32"), Kv (Cv): 6.78 (7.88)
Coupling material	Chrome plated brass
Seal material	NBR



Not actual size

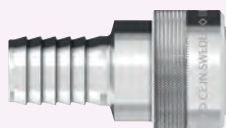
## Straight Through



\*Flow capacity measured at 4 bar (56 psi) pressure drop.

## COUPLINGS

### 417 SERIES HOSE BARB



340

PART NUMBER	TUBE ID	METRIC EQ.
C104170005	1/2"	13 mm
C104170006	5/8"	16 mm
C104170007	3/4"	19 mm

## Do you also need?



## Compatible nipples



Find it on page 149, section three

### 417 SERIES BSPP MALE



340

PART NUMBER	THREAD
C104170255	1/2" BSPP
C104170257	3/4" BSPP

### 417 SERIES BSPP FEMALE



340

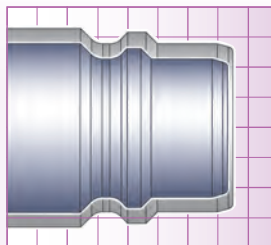
PART NUMBER	THREAD
C104170205	1/2" BSPP
C104170207	3/4" BSPP

## FEATURES

- Two-way shut-off
- One hand operation

## SPECIFICATIONS

	604	704
Flow capacity	141 l/min (31 GPM UK)*	260 l/min (57.2 GPM UK)*
Max. working pressure	35 bar (508 psi)	
Min. burst pressure	140 bar (2030 psi)	
Temperature range	-30°C to +100°C (-22°F to +212°F)	
Nominal flow diameter	14.5 mm (9/16")	19 mm (3/4")
Kv (Cv)	4.23 (4.92)	11.7 (13.6)
Coupling material	Chrome plated brass	
Nipple material	Chrome plated brass	
Seal material	NBR	



Not actual size

## Single or Double Shut-Off



## Nipple Profiles

604 Series front image  
704 Series back image

\*Flow capacity measured at 4 bar (56 psi) pressure drop.

## 604 COUPLINGS



335

### 604 SERIES BSPP FEMALE

PART NUMBER	THREAD
C106041201	3/4" BSPP

## 604 NIPPLES



335

### 604 SERIES BSPP FEMALE – VALVED

PART NUMBER	THREAD
C106046201	3/4" BSPP

### BSPP FEMALE – UNVALVED

C106045201	3/4" BSPP
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## 704 COUPLINGS



335

### 704 SERIES BSPP FEMALE

PART NUMBER	THREAD
C107041203	1" BSPP

## 704 NIPPLES



335

### 704 SERIES BSPP FEMALE – VALVED

PART NUMBER	THREAD
C107046203	1" BSPP

## Do you also need?

**PARKAIR®**

**Brass adaptors**

**AIGNEP**



Find it on pages 548 – 561, section nine



## APPLICATIONS

- Cooling system of plastic zamak, brass & aluminium injection moulds
- Cleaning & washing systems of machines
- Hot oil line connections
- Pressure washers
- Water / soap transfer
- Carpet cleaning machines
- Steam lines
- General fluid transfer

## SPECIFICATIONS

Temperature range	-20°C to +100°C
Working pressure	2700 psi / 185 bar
Flow capacity	1/8" – 1"
Material	Brass

## COUPLINGS

New Additions

### UNPLATED BRASS BSPT MALE – FKM SEAL



5613

PART NUMBER	THREAD
CP45-1154	3/8" BSPT
CP45-1155	1/2" BSPT
CP45-1157	3/4" BSPT

## NIPPLES

New Additions

### UNPLATED BRASS BSPT MALE



5613

PART NUMBER	THREAD
CP45-5154	3/8" BSPT
CP45-5155	1/2" BSPT
CP45-5157	3/4" BSPT

New Additions

### UNPLATED BRASS BSPP FEMALE – FKM SEAL



5613

PART NUMBER	THREAD
CP45-1204	3/8" BSPP
CP45-1205	1/2" BSPP
CP45-1207	3/4" BSPP

New Additions

### UNPLATED BRASS BSPP FEMALE



5613

PART NUMBER	THREAD
CP45-5204	3/8" BSPP
CP45-5205	1/2" BSPP
CP45-5207	3/4" BSPP

## Do you also need?



## Rubber hose

Choose from our range of  
Airtech hose to suit your  
application



Find it on pages 673 – 674, section ten

## SPECIFICATIONS

Max. working pressure	35 bar (508 psi)
Temperature range	-20°C to +100°C (-4°F to +212°F)
Coupling material	Nickel plated brass
Nipple material	Nickel plated brass

## Interchange

Series 20, Series 91,  
Series 06-003

## Single Shut-Off



## COUPLINGS

### CP20 SERIES

#### HOSE BARB – VALVED



2015

PART NUMBER	TUBE ID
CP20-1000	3 mm
CP20-HG04	4 mm
CP20-1001	5 mm

## NIPPLES

### CP20 SERIES

#### HOSE BARB – UNVALVED



2015

PART NUMBER	TUBE ID
CP20-5000	3 mm
CP20-HU04	4 mm
CP20-5001	5 mm

### CP20 SERIES

#### METRIC MALE – VALVED



2015

PART NUMBER	THREAD
CP20-EGM05	M5

#### BSPP MALE – VALVED

CP20-1151	1/8" BSPP
-----------	-----------

### CP20 SERIES

#### METRIC MALE – UNVALVED



2015

PART NUMBER	THREAD
CP20-EUM05	M5

#### BSPP MALE – UNVALVED

CP20-5151	1/8" BSPP
-----------	-----------

### CP20 SERIES

#### METRIC FEMALE – VALVED



2015

PART NUMBER	THREAD
CP20-DGM05	M5

#### BSPP FEMALE – VALVED

CP20-1201	1/8" BSPP
-----------	-----------

### CP20 SERIES

#### METRIC FEMALE – UNVALVED



2015

PART NUMBER	THREAD
CP20-DUM05	M5

#### BSPP FEMALE – UNVALVED

CP20-5201	1/8" BSPP
-----------	-----------

### CP20 SERIES

#### HOSE COUPLINGS – VALVED



2015

PART NUMBER	TUBE OD	TUBE ID
CP20-PG04	4 mm	3 mm
CP20-PG06	6 mm	4 mm

### CP20 SERIES

#### HOSE NIPPLES – UNVALVED



2015

PART NUMBER	TUBE OD	TUBE ID
CP20-PU04	4 mm	3 mm
CP20-PU05	5 mm	3 mm
CP20-PU06	6 mm	4 mm

### CP20 SERIES

#### PANEL MOUNT HOSE COUPLINGS – VALVED



2015

PART NUMBER	TUBE OD	TUBE ID	THREAD
CP20-SG04	4 mm	3 mm	M7 x 0.5
CP20-SG06	6 mm	4 mm	M8 x 0.8

Do you also need?

**PARKAIR®**

**Nylon tube**



Find it on pages 659 – 664, section ten

## SPECIFICATIONS

Max. working pressure	15 bar (217 psi)
Temperature range	Water: -15°C to +140°C Oil: -15°C to +180°C
Coupling material	Brass
Nipple material	Brass
Seal material on valved couplings & nipples	FKM

## FEATURES

- Specially designed for coolants & injection moulds
- Male threads feature pre-applied thread sealant

## BENEFITS

- Superior corrosion resistance

### Compatibility

Series 86 (6 mm)  
Series 87 (9 mm)  
International Profile

**Straight Through,  
Single or Double Shut-Off**



## COUPLINGS

### MOULD SERIES

#### STRAIGHT HOSE BARB UNVALVED



4310

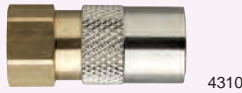
PART NUMBER	BORE	HOSE ID
MTL7010	6 mm	3/8"
MTL9513	9 mm	1/2"
MTL5019	13 mm	3/4"

#### STRAIGHT HOSE BARB – VALVED

MTL7010V	6 mm	3/8"
MTL9513V	9 mm	1/2"

### MOULD SERIES

#### BSPP FEMALE – UNVALVED



4310

PART NUMBER	BORE	THREAD
MT20KIR1/8	6 mm	1/8" BSPP
MT20KIR1/4	6 mm	1/4" BSPP
MT30KIR1/4	9 mm	1/4" BSPP

#### BSPP FEMALE – VALVED

MT20KIR1/8V	6 mm	1/8" BSPP
MT20KIR1/4V	6 mm	1/4" BSPP
MT30KIR1/4V	9 mm	1/4" BSPP

### MOULD SERIES

#### 45° HOSE BARB – UNVALVED



4310

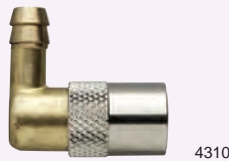
PART NUMBER	BORE	HOSE ID
MTV7010/45	6 mm	3/8"
MTV9513/45	9 mm	1/2"
MTV5019/45	13 mm	3/4"

#### 45° HOSE BARB – VALVED

MTV7010/45V	6 mm	3/8"
MTV9513/45V	9 mm	1/2"

### MOULD SERIES

#### 90° HOSE BARB – UNVALVED



4310

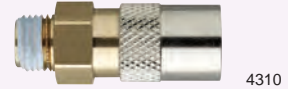
PART NUMBER	BORE	HOSE ID
MTV7010/90	6 mm	3/8"
MTV9513/90	9 mm	1/2"
MTV5019/90	13 mm	3/4"

#### 90° HOSE BARB – VALVED

MTV7010/90V	6 mm	3/8"
MTV9513/90V	9 mm	1/2"

### MOULD SERIES

#### BSPT MALE – UNVALVED



4310

PART NUMBER	BORE	THREAD
MT20KUR1/4	6 mm	1/4" BSPT
MT30KUR1/4	9 mm	1/4" BSPT

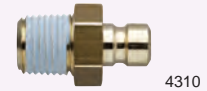
#### BSPT MALE – VALVED

MT20KUR1/4V	6 mm	1/4" BSPT
MT30KUR1/4V	9 mm	1/4" BSPT

## NIPPLES

### MOULD SERIES

#### BSPT MALE – UNVALVED



4310

PART NUMBER	BORE	THREAD
MTN701/8	6 mm	1/8" BSPT
MTN701/4	6 mm	1/4" BSPT
MTN951/4	9 mm	1/4" BSPT
MTN953/8	9 mm	3/8" BSPT
MTN951/2	9 mm	1/2" BSPT
MTN501/2	13 mm	1/2" BSPT
MTN503/4	13 mm	3/4" BSPT

#### BSPT MALE – VALVED

MTN701/4V	6 mm	1/4" BSPT
MTN951/4V	9 mm	1/4" BSPT
MTN953/8V	9 mm	3/8" BSPT

### MOULD SERIES

#### EXTENDED CONNECTOR BSPT MALE



4310

PART NUMBER	BORE	LENGTH	THREAD
MTN7010/100	6 mm	100 mm	1/8" BSPT
MTN7010/150	6 mm	150 mm	1/8" BSPT
MTN9514/150	9 mm	150 mm	1/4" BSPT
MTN9514/250	9 mm	250 mm	1/4" BSPT

## ACCESSORIES

### PARKAIR MOULD SERIES FKM SEALS

4310

PART NUMBER	BORE
MOR70V	6 mm
MOR95V	9 mm

## SPECIFICATIONS

Max. working pressure	15 bar (217 psi)
Temperature range	Water: -15°C to +140°C Oil: -15°C to +180°C
Coupling material	Brass
Nipple material	Brass
Seal material	FKM

## FEATURES

- Specially designed for coolants in injection moulds
- Male threads feature pre-applied thread sealant

## BENEFITS

- Superior corrosion resistance

### Compatibility

European Profile

### Straight Through, Single or Double Shut-Off



## COUPLINGS

### MOULD SERIES

#### STRAIGHT HOSE BARB UNVALVED



4310

PART NUMBER	BORE	TUBE ID
MTL6510	6 mm	3/8"
MTL9013	9 mm	1/2"
MTL2019	13 mm	3/4"

#### STRAIGHT HOSE BARB – VALVED

MTL6510V	6 mm	3/8"
MTL9013V	9 mm	1/2"
MTL2019V	13 mm	3/4"

### MOULD SERIES

#### BSPP FEMALE – UNVALVED



4310

PART NUMBER	BORE	THREAD
MT09KIR1/4	6 mm	1/4" BSPP
MT09KIR3/8	6 mm	3/8" BSPP
MT13KIR1/4	9 mm	1/4" BSPP
MT13KIR3/8	9 mm	3/8" BSPP

#### BSPP FEMALE – VALVED

MT09KIR1/4V	6 mm	1/4" BSPP
MT09KIR3/8V	6 mm	3/8" BSPP
MT13KIR1/4V	9 mm	1/4" BSPP
MT13KIR3/8V	9 mm	3/8" BSPP

### MOULD SERIES

#### 45° HOSE BARB – UNVALVED



4310

PART NUMBER	BORE	TUBE ID
MTV6510/45	6 mm	3/8"
MTV9013/45	9 mm	1/2"
MTV2019/45	13 mm	3/4"

#### 45° HOSE BARB – VALVED

MTV6510/45V	6 mm	3/8"
MTV9013/45V	9 mm	1/2"
MTV2019/45V	13 mm	3/4"

### MOULD SERIES

#### BSPT MALE – UNVALVED



4310

PART NUMBER	BORE	THREAD
MT09KUR3/8	6 mm	3/8" BSPT
MT13KUR3/8	9 mm	3/8" BSPT

#### BSPT MALE – VALVED

MT09KUR3/8V	6 mm	3/8" BSPT
MT13KUR3/8V	9 mm	3/8" BSPT

### MOULD SERIES

#### 90° HOSE BARB – UNVALVED



4310

PART NUMBER	BORE	TUBE ID
MTV6510/90	6 mm	3/8"
MTV9013/90	9 mm	1/2"
MTV2019/90	13 mm	3/4"

#### 90° HOSE BARB – VALVED

MTV6510/90V	6 mm	3/8"
MTV9013/90V	9 mm	1/2"
MTV2019/90V	13 mm	3/4"

## NIPPLES

### MOULD SERIES

#### BSPT MALE – UNVALVED



4310

PART NUMBER	BORE	THREAD
MTN651/8	6 mm	1/8" BSPT
MTN651/4	6 mm	1/4" BSPT
MTN901/4	9 mm	1/4" BSPT
MTN903/8	9 mm	3/8" BSPT
MTN201/2	13 mm	1/2" BSPT
MTN203/4	13 mm	3/4" BSPT

#### BSPT MALE – VALVED

MTN651/4V	6 mm	1/4" BSPT
MTN901/4V	9 mm	1/4" BSPT
MTN903/8V	9 mm	3/8" BSPT

### MOULD SERIES

#### EXTENDED CONNECTOR



4310

PART NUMBER	BORE	LENGTH
MTN6510/120	6 mm	120 mm
MTN6510/240	6 mm	240 mm
MTN6510/360	6 mm	360 mm
MTN9014/150	9 mm	150 mm
MTN9014/300	9 mm	300 mm
MTN9014/450	9 mm	450 mm

## FEATURES

- Safety Level 1, Standard – all couplings connect with all nipples in the range
- Safety Level 2, Colour coding – with colour coding for easy identification
- Safety Level 3, Key coding – with a non-interchangeable key feature that prevents cross connection
- Safety Level 4, Safety key coding – with the same key coding, enabling them to be connected only with each other

Straight Through,  
Single or Double Shut-Off



For other safety levels, please contact your distributor.

SPECIFICATIONS	277	477	577	677	777
Nominal flow diameter	4 mm	6 mm	9 mm	14 mm	19 mm
Water flow – Double shut-off	17 l/min	36 l/min	76 l/min	168 l/min	306 l/min
Kv – Double shut-off	0.51 Kv	1.08 Kv	2.28 Kv	5.04 Kv	9.18 Kv
Cv – Double shut-off	0.59 Cv	1.26 Cv	2.65 Cv	5.86 Cv	10.67 Cv
Max. working pressure	20 bar	20 bar	20 bar	20 bar	20 bar
Min. burst pressure	80 bar	80 bar	80 bar	80 bar	80 bar
Temperature range	-15°C to +205°C (5°F to 401°F)				
Body material	Stainless steel				
Seal material	FKM				
Coloured ring	Up to 125°C				

Non-drip when using valved coupling & nipple

## STAINLESS STEEL COUPLINGS – Safety Level 1



324

### NON-DRIP SERIES BSPP FEMALE – UNVALVED

PART NUMBER	THREAD
C102770210	1/4" BSPP
C104770210	3/8" BSPP
C105770210	1/2" BSPP
C106770210	3/4" BSPP
C107770210	1" BSPP

## STAINLESS STEEL NIPPLES – Safety Level 1



324

### NON-DRIP SERIES BSPP FEMALE – UNVALVED

PART NUMBER	THREAD
C102775210	1/4" BSPP
C104775210	3/8" BSPP
C105775210	1/2" BSPP
C106775210	3/4" BSPP
C107775210	1" BSPP



324

### NON-DRIP SERIES BSPP FEMALE – VALVED

PART NUMBER	THREAD
C102771210	1/4" BSPP
C104771210	3/8" BSPP
C105771210	1/2" BSPP
C106771210	3/4" BSPP
C107771210	1" BSPP



324

### NON-DRIP SERIES BSPP FEMALE – VALVED

PART NUMBER	THREAD
C102776210	1/4" BSPP
C104776210	3/8" BSPP
C105776210	1/2" BSPP
C106776210	3/4" BSPP
C107776210	1" BSPP

## Do you also need?



## Dust Caps



Find it on page 146, section three



## Did you know?

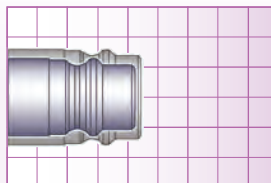
Products with safety benefits are indicated by a chevron at the bottom of their table

## FEATURES

- One hand operation
- Two-way shut-off / one-way shut-off
- Supplied with dust caps

## SPECIFICATIONS

	326	416
Nominal flow diameter	6.2 mm	8.9 mm
Flow capacity	With Valve	45 l/min
	(3.96 GPM)	(9.9 GPM)
Without Valve	28 l/min	85 l/min
	(6.16 GPM)	(18.7 GPM)
Max. working pressure	70 bar (1015 psi)	35 bar (508 psi)
Min. burst pressure	280 bar (4060 psi)	140 bar (2030 psi)
Temperature range NBR	-15°C to +100°C	-15°C to +205°C
	(5°F to 212°F)	(5°F to 401°F)
Coupling material	316 stainless steel	
Nipple material	316 stainless steel	
Seal material	Standard FKM	



Not actual size

## Single or Double Shut-off



## 326 COUPLINGS



410

### 326 SERIES BSPP FEMALE

PART NUMBER	THREAD	SEAL
C103261212	1/4" BSPP	FKM
C103261214	3/8" BSPP	FKM

## 326 NIPPLES



410

### 326 SERIES BSPP FEMALE – VALVED

PART NUMBER	THREAD	SEAL
C103266212	1/4" BSPP	FKM
C103266214	3/8" BSPP	FKM

## 416 COUPLINGS



410

### 416 SERIES BSPP FEMALE

PART NUMBER	THREAD	SEAL
C104161215	1/2" BSPP	FKM

## 416 NIPPLES



410

### 416 SERIES BSPP FEMALE – UNVALVED

PART NUMBER	THREAD
C104165205	1/2" BSPP

### BSPP FEMALE – VALVED

C104166205*	1/2" BSPP
C104166215	1/2" BSPP

\* NBR seal

Do you also need?

**PARKAIR®**

Stainless steel tube



Find it on page 247, section four

Do you also need?



Unvalved nipples



Find it on page 15, section one





# Industrial Couplings

Industrial couplings are essential components used to connect hoses or pipes in various industries. They facilitate the transfer of commodities from one place to another with ease. Our catalogue features a wide selection of PARKAIR industrial couplings made from different materials, such as aluminium, brass, stainless steel, and polypropylene.

## Types

- Cam and groove
- Lever lock and suction / delivery couplings
- Lugged polypropylene fittings
- Ground joint couplings
- Geka type water couplings
- Double lock and Macdonald couplings

## Available Ranges

- PARKAIR Cam and Groove
- PARKAIR IBC Adaptors
- PARKAIR IBC Fittings
- PARKAIR Suction and Delivery Couplings
- PARKAIR Lever Lock Couplings
- PARKAIR Whipcheck
- PARKAIR Double Lock Couplings
- PARKAIR Geka Quick-Acting Couplings
- PARKAIR Macdonald Couplings
- LÜDECKE System 22 Mortar Couplings
- LÜDECKE Claw Couplings – DIN 3489
- LÜDECKE Mody – Screw Claw Couplings – DIN 3228
- LÜDECKE Claw Couplings – Stainless Steel
- LÜDECKE US Claw Couplings
- LÜDECKE Water Profi Claw Couplings
- LÜDECKE Original Geka Plus Claw Couplings – Stainless Steel





## FEATURES

- Manufactured to interchange with all products produced to MIL-C-27487F
- BSPT male threads to BS21 (Taper)
- BSPP female threads to BS2779 (Parallel)
- Stainless steel cam couplings fitted with 316 stainless steel arms

## PRESSURE RATINGS

Recommendations based on the use of mating fittings at ambient temperature 20°C (68°F) with standard NBR seals installed.

## SPECIFICATIONS

Body	See below
Handles	See below
Gaskets	NBR
Temperature Rating	-40°C to +100°C (-40°F to +212°F)
Working pressure @ room temperature	See below

## TYPE A



**MALE NIPPLE / BSPP FEMALE  
STAINLESS STEEL**

913

PART NUMBER	SIZE	THREAD	WORKING PRESSURE
AH-A050-S	1/2"	1/2" BSPP	10.3 bar
AH-A075-S	3/4"	3/4" BSPP	17.2 bar
AH-A100-S	1"	1" BSPP	17.2 bar
AH-A125-S	1 1/4"	1 1/4" BSPP	17.2 bar
AH-A150-S	1 1/2"	1 1/2" BSPP	17.2 bar
AH-A200-S	2"	2" BSPP	17.2 bar
AH-A250-S	2 1/2"	2 1/2" BSPP	10.3 bar
AH-A300-S	3"	3" BSPP	8.6 bar
AH-A400-S	4"	4" BSPP	6.9 bar

## POLYPROPYLENE

910

AH-A050-P	1/2"	1/2" BSPP	7 bar
AH-A075-P	3/4"	3/4" BSPP	7 bar
AH-A100-P	1"	1" BSPP	7 bar
AH-A150-P	1 1/2"	1 1/2" BSPP	7 bar
AH-A200-P	2"	2" BSPP	7 bar
AH-A300-P	3"	3" BSPP	7 bar

## ALUMINIUM

910

AH-A050-A	1/2"	1/2" BSPP	10.3 bar
AH-A075-A	3/4"	3/4" BSPP	17.2 bar
AH-A100-A	1"	1" BSPP	17.2 bar
AH-A125-A	1 1/4"	1 1/4" BSPP	17.2 bar
AH-A150-A	1 1/2"	1 1/2" BSPP	17.2 bar
AH-A200-A	2"	2" BSPP	17.2 bar
AH-A250-A	2 1/2"	2 1/2" BSPP	10.3 bar
AH-A300-A	3"	3" BSPP	8.6 bar
AH-A400-A	4"	4" BSPP	6.9 bar

## BRASS

910

AH-A050-B	1/2"	1/2" BSPP	10.3 bar
AH-A075-B	3/4"	3/4" BSPP	17.2 bar
AH-A100-B	1"	1" BSPP	17.2 bar
AH-A125-B	1 1/4"	1 1/4" BSPP	17.2 bar
AH-A150-B	1 1/2"	1 1/2" BSPP	17.2 bar
AH-A200-B	2"	2" BSPP	17.2 bar
AH-A250-B	2 1/2"	2 1/2" BSPP	10.3 bar
AH-A300-B	3"	3" BSPP	8.6 bar
AH-A400-B	4"	4" BSPP	6.9 bar

## TYPE B



**FEMALE COUPLING / BSPT MALE  
STAINLESS STEEL**

913

PART NUMBER	SIZE	THREAD	WORKING PRESSURE
AH-B050-S	1/2"	1/2" BSPT	10.3 bar
AH-B075-S	3/4"	3/4" BSPT	17.2 bar
AH-B100-S	1"	1" BSPT	17.2 bar
AH-B125-S	1 1/4"	1 1/4" BSPT	17.2 bar
AH-B150-S	1 1/2"	1 1/2" BSPT	17.2 bar
AH-B200-S	2"	2" BSPT	17.2 bar
AH-B250-S	2 1/2"	2 1/2" BSPT	10.3 bar
AH-B300-S	3"	3" BSPT	8.6 bar
AH-B400-S	4"	4" BSPT	6.9 bar

## POLYPROPYLENE

910

AH-B075-P	3/4"	3/4" BSPT	7 bar
AH-B100-P	1"	1" BSPT	7 bar
AH-B150-P	1 1/2"	1 1/2" BSPT	7 bar
AH-B200-P	2"	2" BSPT	7 bar
AH-B300-P	3"	3" BSPT	7 bar

## ALUMINIUM

910

AH-B050-A	1/2"	1/2" BSPT	10.3 bar
AH-B075-A	3/4"	3/4" BSPT	17.2 bar
AH-B100-A	1"	1" BSPT	17.2 bar
AH-B125-A	1 1/4"	1 1/4" BSPT	17.2 bar
AH-B150-A	1 1/2"	1 1/2" BSPT	17.2 bar
AH-B200-A	2"	2" BSPT	17.2 bar
AH-B250-A	2 1/2"	2 1/2" BSPT	10.3 bar
AH-B300-A	3"	3" BSPT	8.6 bar
AH-B400-A	4"	4" BSPT	6.9 bar

## BRASS

910

AH-B050-B	1/2"	1/2" BSPT	10.3 bar
AH-B075-B	3/4"	3/4" BSPT	17.2 bar
AH-B100-B	1"	1" BSPT	17.2 bar
AH-B125-B	1 1/4"	1 1/4" BSPT	17.2 bar
AH-B150-B	1 1/2"	1 1/2" BSPT	17.2 bar
AH-B200-B	2"	2" BSPT	17.2 bar
AH-B250-B	2 1/2"	2 1/2" BSPT	10.3 bar
AH-B300-B	3"	3" BSPT	8.6 bar
AH-B400-B	4"	4" BSPT	6.9 bar

## TYPE C



**FEMALE COUPLING / HOSETAIL  
STAINLESS STEEL**

913

PART NUMBER	SIZE	HOSE ID	WORKING PRESSURE
AH-C050-S	1/2"	1/2"	10.3 bar
AH-C075-S	3/4"	3/4"	17.2 bar
AH-C100-S	1"	1"	17.2 bar
AH-C125-S	1 1/4"	1 1/4"	17.2 bar
AH-C150-S	1 1/2"	1 1/2"	17.2 bar
AH-C200-S	2"	2"	17.2 bar
AH-C250-S	2 1/2"	2 1/2"	10.3 bar
AH-C300-S	3"	3"	8.6 bar
AH-C400-S	4"	4"	6.9 bar

## POLYPROPYLENE

910

AH-C050-P	1/2"	1/2"	7 bar
AH-C075-P	3/4"	3/4"	7 bar
AH-C100-P	1"	1"	7 bar
AH-C150-P	1 1/2"	1 1/2"	7 bar
AH-C200-P	2"	2"	7 bar
AH-C300-P	3"	3"	7 bar

## ALUMINIUM

910

AH-C050-A	1/2"	1/2"	10.3 bar
AH-C075-A	3/4"	3/4"	17.2 bar
AH-C100-A	1"	1"	17.2 bar
AH-C125-A	1 1/4"	1 1/4"	17.2 bar
AH-C150-A	1 1/2"	1 1/2"	17.2 bar
AH-C200-A	2"	2"	17.2 bar
AH-C250-A	2 1/2"	2 1/2"	10.3 bar
AH-C300-A	3"	3"	8.6 bar
AH-C400-A	4"	4"	6.9 bar

## BRASS

910

AH-C050-B	1/2"	1/2"	10.3 bar
AH-C075-B	3/4"	3/4"	17.2 bar
AH-C100-B	1"	1"	17.2 bar
AH-C125-B	1 1/4"	1 1/4"	17.2 bar
AH-C150-B	1 1/2"	1 1/2"	17.2 bar
AH-C200-B	2"	2"	17.2 bar
AH-C250-B	2 1/2"	2 1/2"	10.3 bar
AH-C300-B	3"	3"	8.6 bar
AH-C400-B	4"	4"	6.9 bar

## TYPE D



**FEMALE COUPLING /  
BSPP FEMALE  
STAINLESS STEEL**

913

PART NUMBER	SIZE	THREAD	WORKING PRESSURE
AH-D050-S	1/2"	1/2" BSPP	10.3 bar
AH-D075-S	3/4"	3/4" BSPP	17.2 bar
AH-D100-S	1"	1" BSPP	17.2 bar
AH-D125-S	1 1/4"	1 1/4" BSPP	17.2 bar
AH-D150-S	1 1/2"	1 1/2" BSPP	17.2 bar
AH-D200-S	2"	2" BSPP	17.2 bar
AH-D250-S	2 1/2"	2 1/2" BSPP	10.3 bar
AH-D300-S	3"	3" BSPP	8.6 bar
AH-D400-S	4"	4" BSPP	6.9 bar

## POLYPROPYLENE

910

AH-D050-P	1/2"	1/2" BSPP	7 bar
AH-D075-P	3/4"	3/4" BSPP	7 bar
AH-D100-P	1"	1" BSPP	7 bar
AH-D150-P	1 1/2"	1 1/2" BSPP	7 bar
AH-D200-P	2"	2" BSPP	7 bar
AH-D300-P	3"	3" BSPP	7 bar

## ALUMINIUM

910

AH-D050-A	1/2"	1/2" BSPP	10.3 bar
AH-D075-A	3/4"	3/4" BSPP	17.2 bar
AH-D100-A	1"	1" BSPP	17.2 bar
AH-D125-A	1 1/4"	1 1/4" BSPP	17.2 bar
AH-D150-A	1 1/2"	1 1/2" BSPP	17.2 bar
AH-D200-A	2"	2" BSPP	17.2 bar
AH-D250-A	2 1/2"	2 1/2" BSPP	10.3 bar
AH-D300-A	3"	3" BSPP	8.6 bar
AH-D400-A	4"	4" BSPP	6.9 bar

## BRASS

910

AH-D050-B	1/2"	1/2" BSPP	10.3 bar
AH-D075-B	3/4"	3/4" BSPP	17.2 bar
AH-D100-B	1"	1" BSPP	17.2 bar
AH-D125-B	1 1/4"	1 1/4" BSPP	17.2 bar
AH-D150-B	1 1/2"	1 1/2" BSPP	17.2 bar
AH-D200-B	2"	2" BSPP	17.2 bar
AH-D250-B	2 1/2"	2 1/2" BSPP	10.3 bar
AH-D300-B	3"	3" BSPP	8.6 bar
AH-D400-B	4"	4" BSPP	6.9 bar

## STANDARD HANDLE ASSEMBLIES

**SINTERED STAINLESS STEEL  
HANDLE & PIN**



913

PART NUMBER	SIZE	DESCRIPTION
AH-HP075-S	1/2" – 3/4"	Handle & pin
AH-HP100-S	1"	Handle & pin

**SINTERED STAINLESS STEEL  
HANDLE, RING & PIN**



913

PART NUMBER	SIZE	DESCRIPTION
AH-HRP200-S	1 1/4" – 2 1/2"	Handle, ring & pin
AH-HRP300-S	3" – 4"	Handle, ring & pin

## TYPE DC



913

BLANKING CAP  
STAINLESS STEEL

PART NUMBER	SIZE	WORKING PRESSURE
AH-DC050-S	1/2"	10.3 bar
AH-DC075-S	3/4"	17.2 bar
AH-DC100-S	1"	17.2 bar
AH-DC125-S	1 1/4"	17.2 bar
AH-DC150-S	1 1/2"	17.2 bar
AH-DC200-S	2"	17.2 bar
AH-DC250-S	2 1/2"	10.3 bar
AH-DC300-S	3"	8.6 bar
AH-DC400-S	4"	6.9 bar

## POLYPROPYLENE

910

AH-DC075-P	3/4"	7 bar
AH-DC100-P	1"	7 bar
AH-DC150-P	1 1/2"	7 bar
AH-DC200-P	2"	7 bar
AH-DC300-P	3"	7 bar

## ALUMINIUM

910

AH-DC050-A	1/2"	10.3 bar
AH-DC075-A	3/4"	17.2 bar
AH-DC100-A	1"	17.2 bar
AH-DC125-A	1 1/4"	17.2 bar
AH-DC150-A	1 1/2"	17.2 bar
AH-DC200-A	2"	17.2 bar
AH-DC250-A	2 1/2"	10.3 bar
AH-DC300-A	3"	8.6 bar
AH-DC400-A	4"	6.9 bar

## BRASS

910

AH-DC050-B	1/2"	10.3 bar
AH-DC075-B	3/4"	17.2 bar
AH-DC100-B	1"	17.2 bar
AH-DC125-B	1 1/4"	17.2 bar
AH-DC150-B	1 1/2"	17.2 bar
AH-DC200-B	2"	17.2 bar
AH-DC250-B	2 1/2"	10.3 bar
AH-DC300-B	3"	8.6 bar
AH-DC400-B	4"	6.9 bar

## TYPE DP



913

BLANKING PLUG  
STAINLESS STEEL

PART NUMBER	SIZE	WORKING PRESSURE
AH-DP050-S	1/2"	10.3 bar
AH-DP075-S	3/4"	17.2 bar
AH-DP100-S	1"	17.2 bar
AH-DP125-S	1 1/4"	17.2 bar
AH-DP150-S	1 1/2"	17.2 bar
AH-DP200-S	2"	17.2 bar
AH-DP250-S	2 1/2"	10.3 bar
AH-DP300-S	3"	8.6 bar
AH-DP400-S	4"	6.9 bar

## POLYPROPYLENE

910

AH-DP075-P	3/4"	7 bar
AH-DP100-P	1"	7 bar
AH-DP150-P	1 1/2"	7 bar
AH-DP200-P	2"	7 bar
AH-DP300-P	3"	7 bar

## ALUMINIUM

910

AH-DP050-A	1/2"	10.3 bar
AH-DP075-A	3/4"	17.2 bar
AH-DP100-A	1"	17.2 bar
AH-DP125-A	1 1/4"	17.2 bar
AH-DP150-A	1 1/2"	17.2 bar
AH-DP200-A	2"	17.2 bar
AH-DP250-A	2 1/2"	10.3 bar
AH-DP300-A	3"	8.6 bar
AH-DP400-A	4"	6.9 bar

## BRASS

910

AH-DP050-B	1/2"	10.3 bar
AH-DP075-B	3/4"	17.2 bar
AH-DP100-B	1"	17.2 bar
AH-DP125-B	1 1/4"	17.2 bar
AH-DP150-B	1 1/2"	17.2 bar
AH-DP200-B	2"	17.2 bar
AH-DP250-B	2 1/2"	10.3 bar
AH-DP300-B	3"	8.6 bar
AH-DP400-B	4"	6.9 bar

## GASKETS



910

GASKETS  
NBR

PART NUMBER	SIZE	MATERIAL
AH-G050-B	1/2"	NBR
AH-G075-B	3/4"	NBR
AH-G100-B	1"	NBR
AH-G125-B	1 1/4"	NBR
AH-G150-B	1 1/2"	NBR
AH-G200-B	2"	NBR
AH-G250-B	2 1/2"	NBR
AH-G300-B	3"	NBR
AH-G400-B	4"	NBR

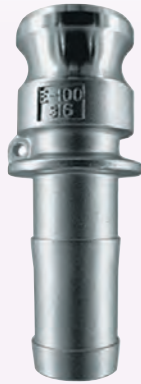


910

GASKETS  
FKM

PART NUMBER	SIZE	MATERIAL
AH-G050-V	1/2"	FKM
AH-G075-V	3/4"	FKM
AH-G100-V	1"	FKM
AH-G125-V	1 1/4"	FKM
AH-G150-V	1 1/2"	FKM
AH-G200-V	2"	FKM
AH-G250-V	2 1/2"	FKM
AH-G300-V	3"	FKM
AH-G400-V	4"	FKM

## TYPE E



913

MALE NIPPLE / HOSETAIL  
STAINLESS STEEL

PART NUMBER	SIZE	HOSE ID	WORKING PRESSURE
AH-E050-S	1/2"	1/2"	10.3 bar
AH-E075-S	3/4"	3/4"	17.2 bar
AH-E100-S	1"	1"	17.2 bar
AH-E125-S	1 1/4"	1 1/4"	17.2 bar
AH-E150-S	1 1/2"	1 1/2"	17.2 bar
AH-E200-S	2"	2"	17.2 bar
AH-E250-S	2 1/2"	2 1/2"	10.3 bar
AH-E300-S	3"	3"	8.6 bar
AH-E400-S	4"	4"	6.9 bar

## POLYPROPYLENE

910

AH-E050-P	1/2"	1/2"	7 bar
AH-E075-P	3/4"	3/4"	7 bar
AH-E075/050-P	3/4"	1/2"	7 bar
AH-E100-P	1"	1"	7 bar
AH-E150-P	1 1/2"	1 1/2"	7 bar
AH-E200-P	2"	2"	7 bar
AH-E300-P	3"	3"	7 bar

## ALUMINIUM

910

AH-E050-A	1/2"	1/2"	10.3 bar
AH-E075-A	3/4"	3/4"	17.2 bar
AH-E100-A	1"	1"	17.2 bar
AH-E125-A	1 1/4"	1 1/4"	17.2 bar
AH-E150-A	1 1/2"	1 1/2"	17.2 bar
AH-E200-A	2"	2"	17.2 bar
AH-E250-A	2 1/2"	2 1/2"	10.3 bar
AH-E300-A	3"	3"	8.6 bar
AH-E400-A	4"	4"	6.9 bar

## BRASS

910

AH-E050-B	1/2"	1/2"	10.3 bar
AH-E075-B	3/4"	3/4"	17.2 bar
AH-E100-B	1"	1"	17.2 bar
AH-E125-B	1 1/4"	1 1/4"	17.2 bar
AH-E150-B	1 1/2"	1 1/2"	17.2 bar
AH-E200-B	2"	2"	17.2 bar
AH-E250-B	2 1/2"	2 1/2"	10.3 bar
AH-E300-B	3"	3"	8.6 bar
AH-E400-B	4"	4"	6.9 bar

## TYPE F



913

MALE NIPPLE / BSPT MALE  
STAINLESS STEEL

PART NUMBER	SIZE	THREAD	WORKING PRESSURE
AH-F050-S	1/2"	1/2" BSPT	10.3 bar
AH-F075-S	3/4"	3/4" BSPT	17.2 bar
AH-F100-S	1"	1" BSPT	17.2 bar
AH-F125-S	1 1/4"	1 1/4" BSPT	17.2 bar
AH-F150-S	1 1/2"	1 1/2" BSPT	17.2 bar
AH-F200-S	2"	2" BSPT	17.2 bar
AH-F250-S	2 1/2"	2 1/2" BSPT	10.3 bar
AH-F300-S	3"	3" BSPT	8.6 bar
AH-F400-S	4"	4" BSPT	6.9 bar

## POLYPROPYLENE

910

AH-F050-P	1/2"	1/2" BSPT	7 bar
AH-F075-P	3/4"	3/4" BSPT	7 bar
AH-F075/050-P	3/4"	1/2" BSPT	7 bar
AH-F100-P	1"	1" BSPT	7 bar
AH-F150-P	1 1/2"	1 1/2" BSPT	7 bar
AH-F200-P	2"	2" BSPT	7 bar
AH-F300-P	3"	3" BSPT	7 bar

## ALUMINIUM

910

AH-F050-A	1/2"	1/2" BSPT	10.3 bar
AH-F075-A	3/4"	3/4" BSPT	17.2 bar
AH-F100-A	1"	1" BSPT	17.2 bar
AH-F125-A	1 1/4"	1 1/4" BSPT	17.2 bar
AH-F150-A	1 1/2"	1 1/2" BSPT	17.2 bar
AH-F200-A	2"	2" BSPT	17.2 bar
AH-F250-A	2 1/2"	2 1/2" BSPT	10.3 bar
AH-F300-A	3"	3" BSPT	8.6 bar
AH-F400-A	4"	4" BSPT	6.9 bar

## BRASS

910

AH-F050-B	1/2"	1/2" BSPT	10.3 bar
AH-F075-B	3/4"	3/4" BSPT	17.2 bar
AH-F100-B	1"	1" BSPT	17.2 bar
AH-F125-B	1 1/4"	1 1/4" BSPT	17.2 bar
AH-F150-B	1 1/2"	1 1/2" BSPT	17.2 bar
AH-F200-B	2"	2" BSPT	17.2 bar
AH-F250-B	2 1/2"	2 1/2" BSPT	10.3 bar
AH-F300-B	3"	3" BSPT	8.6 bar
AH-F400-B	4"	4" BSPT	6.9 bar

## LEVER LOCK COUPLINGS

### DESCRIPTION

Easily assembled in just three movements, the lever lock type coupling has a double pin locking lever for smoother closing action. Specially designed for angle deviation up to 30° with tested pressure of 20 bar. Safety systems prevent accidental opening.

### SPECIFICATIONS

Material	Tested non-alloy steel, galvanised
Sizes	Available from 2" to 6" diameters

### MALE BODY – LEVER RING NOT INCLUDED HOSETAIL



908

PART NUMBER	SIZE	HOSE ID
AH-LLM2IN	2"	2"
AH-LLM3IN	3"	3"
AH-LLM3.5IN	3.5"	3"
AH-LLM4IN	4"	4"
AH-LLM6IN	6"	6"

### FEMALE BODY – INCLUDING O-RING HOSETAIL



908

PART NUMBER	SIZE	HOSE ID
AH-LLF2IN	2"	2"
AH-LLF3IN	3"	3"
AH-LLF3.5IN	3.5"	3"
AH-LLF4IN	4"	4"
AH-LLF6IN	6"	6"

### COMPLETE SET



908

PART NUMBER	SIZE	HOSE ID
AH-LLC2IN	2"	2"
AH-LLC3IN	3"	3"
AH-LLC3.5IN	3.5"	3"
AH-LLC4IN	4"	4"
AH-LLC6IN	6"	6"

### NBR O-RING SEAL TO SUIT FEMALE BODY



908

PART NUMBER	SIZE
AH-LLO2IN	2"
AH-LLO3IN	3"
AH-LLO3.5IN	3.5"
AH-LLO4IN	4"
AH-LLO6IN	6"

### LEVER RING

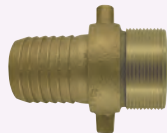


908

PART NUMBER	SIZE
AH-LLR2IN	2"
AH-LLR3IN	3"
AH-LLR3.5IN	3.5"
AH-LLR4IN	4"
AH-LLR6IN	6"

## SUCTION / DELIVERY

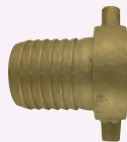
### BRASS LUG BSPP MALE / HOSETAIL



911

PART NUMBER	HOSE ID	THREAD
AJ-KSM050B	1/2"	1/2" BSPP
AJ-KSM075B	3/4"	3/4" BSPP
AJ-KSM100B	1"	1" BSPP
AJ-KSM125B	1 1/4"	1 1/4" BSPP
AJ-KSM150B	1 1/2"	1 1/2" BSPP
AJ-KSM200B	2"	2" BSPP
AJ-KSM300B	3"	3" BSPP

### BRASS SWIVEL HOSETAIL C/W WASHER BSPP SWIVEL FEMALE / HOSETAIL

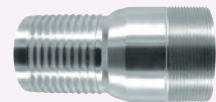


911

PART NUMBER	HOSE ID	THREAD
AJ-KSF050B	1/2"	1/2" BSPP
AJ-KSF075B	3/4"	3/4" BSPP
AJ-KSF100B	1"	1" BSPP
AJ-KSF125B	1 1/4"	1 1/4" BSPP
AJ-KSF150B	1 1/2"	1 1/2" BSPP
AJ-KSF200B	2"	2" BSPP
AJ-KSF300B	3"	3" BSPP

New  
Additions

### PLATED STEEL COMBINATION NIPPLE BSPT MALE



910

PART NUMBER	HOSE ID	THREAD
<b>AI-STC00A</b>	1/2"	1/2" BSPT
<b>AI-STC05A</b>	3/4"	3/4" BSPT
<b>AI-STC10A</b>	1"	1" BSPT
<b>AI-STC15A</b>	1 1/4"	1 1/4" BSPT
<b>AI-STC20A</b>	1 1/2"	1 1/2" BSPT
<b>AI-STC25A</b>	2"	2" BSPT
<b>AI-STC30A</b>	2 1/2"	2 1/2" BSPT
<b>AI-STC35A</b>	3"	3" BSPT
<b>AI-STC40A</b>	4"	4" BSPT

New

### PLATED STEEL HOSE MENDER



911

PART NUMBER	HOSE ID
<b>AI-HM050</b>	1/2"
<b>AI-HM075</b>	3/4"
<b>AI-HM100</b>	1"
<b>AI-HM125</b>	1 1/4"
<b>AI-HM150</b>	1 1/2"
<b>AI-HM200</b>	2"
<b>AI-HM300</b>	3"



**PART LE**  
**BSPP MALE / HOSETAIL**

PART NUMBER	THREAD	HOSE ID
IBC-LMB/15S/025	1 1/2" BSPP	1 1/2"
IBC-LMB/20S/025	2" BSPP	2"
IBC-LMB/25S/025	2 1/2" BSPP	2 1/2"
IBC-LMB/30S/025	3" BSPP	3"
IBC-LMB/40S/025	4" BSPP	4"



**PART LC**  
**BSPP FEMALE / HOSETAIL**

PART NUMBER	THREAD	HOSE ID
IBC-LFBG/15S/025	1 1/2" BSPP	1 1/2"
IBC-LFBG/20S/025	2" BSPP	2"
IBC-LFBG/25S/025	2 1/2" BSPP	2 1/2"
IBC-LFBG/30S/025	3" BSPP	3"
IBC-LFBG/40S/025	4" BSPP	4"



**PART LUB**  
**URT FEMALE / MALE**

PART NUMBER	FEMALE THREAD	MALE THREAD
IBC-AFGM/004/025	4" URT	3" URT



**PART LDC**  
**BSPP FEMALE / DUST CAP**

PART NUMBER	THREAD
IBC-LCBG/15P/025	1 1/2" BSPP
IBC-LCBG/20P/025	2" BSPP
IBC-LCBG/25P/025	2 1/2" BSPP
IBC-LCBG/30P/025	3" BSPP
IBC-LCBG/40P/025	4" BSPP



**PART LUDP**  
**URT MALE / DUST PLUG**

PART NUMBER	THREAD
IBC-LPU/30P/025	3" URT
IBC-LPU/40P/025	4" URT



**PART LUE**  
**URT MALE / HOSETAIL**

PART NUMBER	THREAD	HOSE ID
IBC-LMU/30S/025	3" URT	3"
IBC-LMU/40S/025	4" URT	4"



**PART LUC**  
**URT FEMALE / HOSETAIL**

PART NUMBER	THREAD	HOSE ID
IBC-LFUG/30S/025	3" URT	3"
IBC-LFUG/40S/025	4" URT	4"



**PART LUDC**  
**URT FEMALE / DUST CAP**

PART NUMBER	THREAD
IBC-LCUG/30P/025	3" URT
IBC-LCUG/40P/025	4" URT



**PART LDP**  
**BSPP MALE / DUST CAP**

PART NUMBER	THREAD
IBC-LPB/15P/025	1 1/2" BSPP
IBC-LPB/20P/025	2" BSPP
IBC-LPB/25P/025	2 1/2" BSPP
IBC-LPB/30P/025	3" BSPP
IBC-LPB/40P/025	4" BSPP



**SEALS**  
**POLYPROPYLENE**

PART NUMBER	SIZE
IBC-LG15/PP/WT	1 1/2"
IBC-LG20/PP/WT	2"
IBC-LG25/PP/WT	2 1/2"
IBC-LG30/PP/WT	3"
IBC-LG40/PP/WT	4"

## GROUND JOINT COUPLINGS

New

COMPLETE SET  
CARBON STEEL


911

PART NUMBER	HOSE ID	THREAD
AH-GJ050C	1/2"	1/2" BSPP
AH-GJ075C	3/4"	3/4" BSPP
AH-GJ100C	1"	1" BSPP
AH-GJ125C	1 1/4"	1 1/4" BSPP
AH-GJ150C	1 1/2"	1 1/2" BSPP
AH-GJ200C	2"	2" BSPP

New

WING NUT  
CARBON STEEL


911

PART NUMBER	THREAD
AH-GJ050WN	1/2" BSPP
AH-GJ075WN	3/4" BSPP
AH-GJ100WN	1" BSPP
AH-GJ125WN	1 1/4" BSPP
AH-GJ150WN	1 1/2" BSPP
AH-GJ200WN	2" BSPP

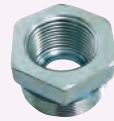
New

HOSETAIL  
CARBON STEEL


911

PART NUMBER	HOSE ID
AH-GJ050HS	1/2"
AH-GJ075HS	3/4"
AH-GJ100HS	1"
AH-GJ125HS	1 1/4"
AH-GJ150HS	1 1/2"
AH-GJ200HS	2"

New

FEMALE SPUD  
CARBON STEEL


911

PART NUMBER	THREAD
AH-GJ050FS	1/2" BSPP
AH-GJ075FS	3/4" BSPP
AH-GJ100FS	1" BSPP
AH-GJ125FS	1 1/4" BSPP
AH-GJ150FS	1 1/2" BSPP
AH-GJ200FS	2" BSPP

## STRAINERS &amp; FOOT VALVES

New

## TIN CAN STRAINER



911

PART NUMBER	HOSE ID
AH-TCS100	1"
AH-TCS150	1 1/2"
AH-TCS200	2"
AH-TCS250	2 1/2"
AH-TCS300	3"
AH-TCS400	4"
AH-TCS600	6"
AH-TCS800	8"

New

FOOT VALVE  
BSPP FEMALE


911

PART NUMBER	THREAD
AH-FV100	1" BSPP
AH-FV125	1 1/4" BSPP
AH-FV150	1 1/2" BSPP
AH-FV200	2" BSPP
AH-FV250	2 1/2" BSPP
AH-FV300	3" BSPP
AH-FV400	4" BSPP
AH-FV500	5" BSPP
AH-FV600	6" BSPP
AH-FV800	8" BSPP



## GEKA TYPE WATER COUPLINGS

### SPECIFICATION

Max. working pressure	50 bar (725 psi)
Temperature range	Up to 95°C (203°F)
Material	Brass



905

### HOSE BARB BRASS

PART NUMBER	HOSE ID
AI-REHE050B	1/2"
AI-REHE075B	3/4"
AI-REHE100B	1"
AI-REHE125B	1 1/4"
AI-REHE150B	1 1/2"

New

### HOSE BARB WITH LOCKING RING BRASS

PART NUMBER	HOSE ID
AI-REHER050B	1/2"
AI-REHER075B	3/4"
AI-REHER100B	1"



905

New

### SPRAYER BRASS

PART NUMBER	HOSE ID
AI-RESP050B	1/2"
AI-RESP075B	3/4"



905

New

### SWIVEL HOSE BARB BRASS

PART NUMBER	HOSE ID
AI-REHES075B	3/4"
AI-REHES100B	1"



905

### BRASS ADAPTOR BSPT MALE

PART NUMBER	THREAD
AI-REM050B	1/2" BSPT
AI-REM075B	3/4" BSPT
AI-REM100B	1" BSPT
AI-REM125B	1 1/4" BSPT
AI-REM150B	1 1/2" BSPT



905

### BRASS ADAPTOR BSPP FEMALE

PART NUMBER	THREAD
AI-REF050B	1/2" BSPP
AI-REF075B	3/4" BSPP
AI-REF100B	1" BSPP
AI-REF125B	1 1/4" BSPP
AI-REF150B	1 1/2" BSPP



905

New

### 3 WAY BRASS

PART NUMBER	DESCRIPTION
AI-RE3WAY	Brass 3 Way



905

New

### CAP BRASS

PART NUMBER	DESCRIPTION
AI-RECAP	Brass Cap



905

### NBR SEAL FOR GEKA TYPE FITTINGS

PART NUMBER	DESCRIPTION
AI-QCW	NBR seal



905

## DOUBLE LOCK COUPLINGS

### SPECIFICATION

Max. working pressure	10 bar (145 psi)
Temperature range	-40°C to +95°C (-40°F to +203°F)
Material	Plated iron

### HOSE BARB PLATED IRON

PART NUMBER	HOSE ID
AI-QDHE038M	3/8"
AI-QDHE050M	1/2"
AI-QDHE075M	3/4"
AI-QDHE100M	1"

### BSPT MALE ADAPTOR PLATED IRON

PART NUMBER	THREAD
AI-QDM038M	3/8" BSPT
AI-QDM050M	1/2" BSPT
AI-QDM075M	3/4" BSPT
AI-QDM100M	1" BSPT

New

### HOSE BARB WITH COLLAR PLATED IRON

PART NUMBER	HOSE ID
AI-QDHEC075	3/4"
AI-QDHEC100	1"

### BSPP FEMALE ADAPTOR PLATED IRON

PART NUMBER	THREAD
AI-QDF038M	3/8" BSPP
AI-QDF050M	1/2" BSPP
AI-QDF075M	3/4" BSPP
AI-QDF100M	1" BSPP

### NBR SEAL FOR DOUBLE LOCK FITTINGS

PART NUMBER	DESCRIPTION
AI-QDM4	NBR seal

## MACDONALD COUPLINGS

### FEATURES

- Bayonet couplings that eliminate the risk of accidental disconnection
- Ideal for applications where a robust fitting is required

### SPECIFICATIONS

Max. working pressure for air	20 bar (300 psi)
-------------------------------	------------------

### MALE HEAD HOSE BARB

PART NUMBER	HOSE ID
AI-HM038S	3/8"
AI-HM050S	1/2"
AI-HM075S	3/4"

### MALE HEAD MALE THREAD

PART NUMBER	THREAD
AI-OM038S	3/8"
AI-OM050S	1/2"
AI-OM075S	3/4"
AI-OM100S	1"

### MALE HEAD FEMALE THREAD

PART NUMBER	THREAD
AI-IM038S	3/8"
AI-IM050S	1/2"
AI-IM075S	3/4"
AI-IM100S	1"

### FEMALE HEAD HOSE BARB

PART NUMBER	HOSE ID
AI-HF038S	3/8"
AI-HF050S	1/2"
AI-HF075S	3/4"
AI-HF100S	1"

### FEMALE HEAD MALE THREAD

PART NUMBER	THREAD
AI-OF038S	3/8"
AI-OF050S	1/2"
AI-OF075S	3/4"
AI-OF100S	1"

### FEMALE HEAD FEMALE THREAD

PART NUMBER	THREAD
AI-IF038S	3/8"
AI-IF050S	1/2"
AI-IF075S	3/4"
AI-IF100S	1"

Straight Through





# Lüdecke Couplings

For more than 90 years, Lüdecke has been producing coupling systems that connect flexible media conveying lines to tools, machinery, and equipment.

Lüdecke offers a variety of quality products made in Germany for different applications and media. The range featured on the following pages includes claw, mortar, and sandblasting couplings. These couplings and fittings come in different sizes, connections, and materials to provide high flexibility.

Various industries require reliable couplings and fittings to withstand extreme weather and operating conditions, from gardening and agriculture to construction and mining. Lüdecke specialises in providing a wide range of high-quality, durable products that have been tried and tested in harsh environments over several decades.

Safety is a priority for Lüdecke, and they offer products with various safety mechanisms, such as the MODY couplings, to assist you in selecting the correct fitting and assembly method for your application.

## Advantages

- First-class solid materials (malleable iron, steel, brass)
- Safe, reliable, durable
- Simple and intuitive handling
- Different sizes and connection types (hose / threaded connection)
- Various assembly methods



## SPECIFICATIONS

Max. working pressure	12 bar (174 psi)
Temperature range	Up to 100°C (212°F)
<b>MATERIALS</b>	
Coupling	Malleable iron zinc plated & yellow passivated (free of chrome VI) or nylon
Seals	NBR

## FEATURES

- Made of malleable iron zinc plated & yellow passivated (free of chrome VI) or nylon
- Reliable connections for aggressive, abrasive media
- Robust, reliable & durable
- Simple & fast handling
- Increased safety due to various safety systems
- Claw distance 58 mm unless otherwise stated

New

## SANDBLAST COUPLINGS MALLEABLE IRON



906

PART NUMBER	HOSE OD	HOSE ID	CLAW DISTANCE
SS 19 T	32 mm	19 mm	42 mm
SS 25 T	39 mm	25 mm	58 mm
SS 32 T	48 mm	32 mm	58 mm
SS 38 T	54 mm	32 mm	58 mm

New

## SANDBLAST COUPLINGS NYLON



906

PART NUMBER	HOSE OD	HOSE ID	CLAW DISTANCE
CQP-3/4	32 mm	19 mm	58 mm
CQP-1	39 mm	25 mm	58 mm
CQP-2	48 mm	32 mm	58 mm

New

## SANDBLAST COUPLINGS MALLEABLE IRON FEMALE THREAD



906

PART NUMBER	THREAD	LENGTH
SK 38 TN	1 1/4"	62 mm
SK 38 T	1 1/4"	55 mm

New

## SANDBLAST NOZZLE HOLDER NYLON COARSE 50 FEMALE THREAD



906

PART NUMBER	HOSE OD	HOSE ID
NHP-3/4	32 mm	19 mm
NHP-1	39 mm	25 mm
NHP-2	32 mm	48 mm

New

## COUPLING SEAL NBR



906

PART NUMBER	FOR USE WITH
SKD-1	SK 38 TN
SKD	SK 38 T

New

## COUPLING SEAL NBR



906

PART NUMBER	FOR USE WITH
SDR-1	CQP-3/4
SDR-2	CQP-1
SDR-3	CQP-2

New

## SCREW STEEL ZINC PLATED



906

PART NUMBER	SIZE
SHS	4.2 x 13

New

## AUTOMATIC SAFETY SYSTEM STEEL ZINC PLATED



906

PART NUMBER	SIZE
DSR	Ø 2 wire

New

## SAFETY CLIP DIN 11024 STEEL ZINC PLATED



906

PART NUMBER	SIZE
USC-1	Ø 3 wire

## SPECIFICATIONS

Max. working pressure	50 bar (725 psi)
Temperature range	-40°C to +90°C (-40°F to +194°F)
<b>MATERIALS</b>	
Coupling, handle	Malleable iron zinc plated & yellow passivate (free of chrome VI)
Hose stem	Steel zinc plated & yellow passivate (free of chrome VI)
Seals	NBR

## FEATURES

- Made of malleable iron / steel zinc plated & yellow passivate (free of chrome VI)
- A turned stem profile can be offered for a perfect hose fit upon request, (drawing of hose or hose sample is required)
- To supply mortar, concrete or screed to pumps, spraying devices, plastering machines, etc.
- Other swivelling types available upon request
- Swivelling version made of three parts with Teflon™ slide to give a longer life expectancy



**FEMALE MORTAR COUPLINGS  
RIGID, TWO HANDLE**

906

PART NUMBER	THREAD
MIG 10-X25	1" BSPP
MIG 54/35	1 1/4" BSPP
MIG 20/50	2" BSPP



**MORTAR PLUG  
BSPP MALE**

906

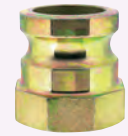
PART NUMBER	THREAD
VAG 10-X25	1" BSPP
VAG 54/35	1 1/4" BSPP
VAG 20/50	2" BSPP



**HOSETAIL MORTAR COUPLINGS  
RIGID, TWO HANDLE**

906

PART NUMBER	HOSE OD	HOSE ID
MSTP-X25	39 mm	25 mm
MSTP 35	59 mm	35 mm
MSTP 50	68 mm	50 mm



**MORTAR PLUG  
BSPP FEMALE**

906

PART NUMBER	THREAD
VIG 10-X25	1" BSPP
VIG 54/35	1 1/4" BSPP
VIG 20/35	2" BSPP



**MALE SCREWING STEM  
FOR HYDRAULIC CRIMPING  
BSPP MALE**

906

PART NUMBER	THREAD	HOSE OD	HOSE ID
MSTP-X25T	1" BSPP	39 mm	25 mm
MSTP-35T	1 1/4" BSPP	59 mm	35 mm
MSTP-50T	2" BSPP	68 mm	50 mm



**MORTAR PLUG  
HOSE BARB**

906

PART NUMBER	HOSE OD	HOSE ID
VSTP-X25	39 mm	25 mm
VSTP 35	59 mm	35 mm
VSTP 50	68 mm	50 mm



**COUPLING SEAL  
NBR**

906

PART NUMBER	SIZE
MDR 25	1"
MDR 35	1 1/4"
MDR 50	2"



**CRIMPED FERRULE  
FOR HYDRAULIC CRIMPING**

906

PART NUMBER	HOSE OD	HOSE ID
PH-X25	39 mm	25 mm
PH-35	59 mm	35 mm
PH-50	68 mm	50 mm

## SPECIFICATIONS

Max. working pressure	10 bar (145 psi)
Temperature range	-40°C to +95°C (-40°F to +203°F)
Coupling material	Malleable iron, zinc plated & yellow passivated (free of chrome VI)

DIN 3481/3482/3483/3484/3485 have now been replaced by DIN 3489

## FEATURES

- Universal coupling, worldwide used system for compressed air in construction & industry
- With oil resistant rubber ring. Steam resistant available upon request
- 100% couple test & sight control

## HOSE CLAW COUPLINGS STANDARD



906

PART NUMBER	HOSE ID
SKG 6	1/4"
SKG 10	3/8"
SKG 13	1/2"
SKG 15	5/8"
SKG 19	3/4"
SKG 25	1"
SKG 32	1 1/4"

## HOSE CLAW COUPLINGS WITH SAFETY COLLAR



906

PART NUMBER	HOSE ID
SKB 13	1/2"
SKB 15	5/8"
SKB 19	3/4"
SKB 25	1"

## BSPP FEMALE CLAW COUPLINGS WITH HEXAGON



906

PART NUMBER	THREAD
KIG 14	1/4" BSPP
KIG 38	3/8" BSPP
KIG 12	1/2" BSPP
KIG 34	3/4" BSPP
KIG 10	1" BSPP
KIG 54	1 1/4" BSPP

## BSPP MALE CLAW COUPLINGS WITH HEXAGON



906

PART NUMBER	THREAD
KAG 14	1/4" BSPP
KAG 38	3/8" BSPP
KAG 12	1/2" BSPP
KAG 34	3/4" BSPP
KAG 10	1" BSPP
KAG 54	1 1/4" BSPP

## BSPP FEMALE CLAW COUPLINGS WITHOUT HEXAGON



906

PART NUMBER	THREAD
KIGO 12	1/2" BSPP
KIGO 34	3/4" BSPP

## BSPP MALE CLAW COUPLINGS WITHOUT HEXAGON



906

PART NUMBER	THREAD
KAGO 34	3/4" BSPP
KAGO 10	1" BSPP

## BLANK END CLAW COUPLING WITHOUT CHAIN



906

PART NUMBER	DESCRIPTION
VKO	Without chain

## SPARE / REPLACEMENT CHAIN FOR BLANK END CLAW COUPLINGS



906

PART NUMBER	DESCRIPTION
VKM-K	Steel, zinc plated chain

## BLANK END CLAW COUPLING WITH CHAIN



906

PART NUMBER	DESCRIPTION
VKM	With chain

Do you also need?

**LUDECKE**

**Hose clamps**



Find it on page 720, section eleven



## FEATURES

- 360° swivelling, easy turning under pressure – therefore no hose twist
- 2 parts, sealing through 2 O-rings, swivelling on 2 Teflon™ discs
- 100% tight through machined gasket seat, standard rubber ring can be used
- Full bore for increased flow capacity
- For flexibility of compressed air lines in construction & industry, if used as thread coupling assembled at the tool up to 10 times higher durability compared to rigid standard couplings. The swivel principle absorbs all vibrations
- 100% couple test & sight control

## SPECIFICATIONS

Max. working pressure	16 bar (232 psi)
Temperature range	-40°C to +95°C (-40°F to +203°F)
Head material	Malleable iron
Hose stem material	Turned steel with special profile, zinc plated & yellow passivated (free of chrome VI)

DIN 3481/3482/3483/3484/3485 have now been replaced by DIN 3489



906



906

## HOSE CLAW COUPLINGS STANDARD

PART NUMBER	HOSE ID
SKG 13-DR	1/2"
SKG 19-DR	3/4"
SKG 25-DR	1"

## HOSE CLAW COUPLINGS WITH SAFETY COLLAR

PART NUMBER	HOSE ID
SKB 13-DR	1/2"
SKB 19-DR	3/4"
SKB 25-DR	1"



906



906

## BSPP FEMALE CLAW COUPLINGS

PART NUMBER	THREAD
KIG 12-DR	1/2" BSPP
KIG 34-DR	3/4" BSPP
KIG 10-DR	1" BSPP

## BSPP MALE CLAW COUPLINGS

PART NUMBER	THREAD
KAG 12-DR	1/2" BSPP
KAG 34-DR	3/4" BSPP
KAG 10-DR	1" BSPP



906

## NBR SEAL SUITABLE FOR OIL / AIR

PART NUMBER	TEMPERATURE RANGE
GOER	-40°C to +95°C



906

## SILICONE SEAL SUITABLE FOR STEAM

PART NUMBER	TEMPERATURE RANGE
GDOR	-40°C to +200°C

## SPECIFICATION

Max. working pressure	10 bar (145 psi)
Temperature range	-40°C to +95°C
Coupling material	Malleable iron, zinc plated & yellow passivated (free of chrome VI)



906



906

## THREE WAY Y PIECE

PART NUMBER	THREAD
DWS 34	3 x 3/4" BSPT
DWS 10	3 x 1" BSPT

## THREE WAY CLAW COUPLINGS

PART NUMBER	CONNECTION
DWSG 34	3 x KAGO 34
DWSG 10	3 x KAGO 10

## FKM SEAL CHEMICAL RESISTANT

PART NUMBER	TEMPERATURE RANGE
GVOR	-40°C to +200°C



906



## SPECIFICATION

Max. working pressure	16 bar (232 psi)
Temperature range	-40°C to +95°C (-40°F to +203°F)
Head material	Malleable iron
Hose stem material	Turned steel with special profile, zinc plated & yellow passivated (free of chrome VI)

DIN 3481/3482/3483/3484/3485 have now been replaced by DIN 3489

## FEATURES

- Stronger thread – protective ring & new rubber ring on both sides laid in gasket seat
- Easy to couple, secures against accidental opening; just screw ring after coupling
- Maximum bore for full flow capacity
- For safe air lines in construction & industry
- 100% couple test & sight control



906



906

## MODY – HOSE CLAW COUPLINGS STANDARD

PART NUMBER	HOSE ID
SSG 10	3/8"
SSG 13	1/2"
SSG 15	5/8"
SSG 19	3/4"
SSG 25	1"
SSG 32	1 1/4"

## MODY – HOSE CLAW COUPLINGS WITH SAFETY COLLAR

PART NUMBER	HOSE ID
SSG 10 S	3/8"
SSG 13 S	1/2"
SSG 15 S	5/8"
SSG 19 S	3/4"
SSG 25 S	1"



906



906

## MODY – HOSE CLAW COUPLINGS FOR CRIMPING SOCKETS

PART NUMBER	HOSE ID
SSG 19 PH	3/4"

## MODY – HOSE CLAW COUPLINGS FOR ALUMINIUM FORGED CLAMPS

PART NUMBER	HOSE ID
SSG 19-KSA	3/4"



906



906

## MODY – HOSE CLAW COUPLINGS WITH BRASS SAFETY CLAMP

PART NUMBER	HOSE ID
SSG 13 KSM	1/2"
SSG 19 KSM	3/4"

## MODY – HOSE CLAW COUPLINGS WITH THREAD FERRULE (DIN EN 14 424)

PART NUMBER	HOSE ID	HOSE OD
SSG 133 TQ	1/2"	19 mm
SSG 135 TQ	1/2"	23 mm
SSG 155 TQ	5/8"	25 mm
SSG 195 TQ	3/4"	29 mm
SSG 196 TQ	3/4"	31 mm
SSG 255 TQ	1"	35 mm
SSG 257 TQ	1"	39 mm



906



906

## MODY – BSPP FEMALE CLAW COUPLINGS

PART NUMBER	THREAD
SSGI 38	3/8" BSPP
SSGI 12	1/2" BSPP
SSGI 34	3/4" BSPP
SSGI 10	1" BSPP

## MODY – BSPP MALE CLAW COUPLINGS

PART NUMBER	THREAD
SSGA 38	3/8" BSPP
SSGA 12	1/2" BSPP
SSGA 34	3/4" BSPP
SSGA 10	1" BSPP

## MODY – NBR SEAL SUITABLE FOR OIL / AIR

PART NUMBER	TEMPERATURE RANGE
SGOR-N	-40°C to +95°C

## MODY – NBR SEAL FOR OLD GASKET SEATS SUITABLE FOR OIL / AIR

PART NUMBER	TEMPERATURE RANGE
SGOR	-40°C to +95°C



906



906

## CLAW COUPLINGS WITH BORE FOR SAFETY CLIPS

### SPECIFICATIONS

Max. working pressure	10 bar (145 psi)
Temperature range	-40°C to +95°C (-40°F to +203°F)
Coupling material	Malleable iron, zinc plated & yellow passivated (free of chrome VI)

### FEATURES

- US-universal coupling, widely spread system for compressed air in construction & industry
- To be secured against accidental opening through safety clips DIN 11024
- With oil resistant rubber ring
- 100% couple test & sight control



906



906

### HOSE US CLAW COUPLINGS WITH SAFETY COLLAR

PART NUMBER	HOSE ID
SKA 11*	3/8"
SKA 13	1/2"
SKA 19	3/4"
SKA 25	1"

\*SKA 11: 2 parts with thread stem of steel

### US MODY HOSE CLAW COUPLINGS WITH SAFETY COLLAR

PART NUMBER	HOSE ID
SSC 10	3/8"
SSC 13	1/2"
SSC 19	3/4"
SSC 25	1"



906

### NPT MALE US CLAW COUPLINGS

PART NUMBER	THREAD
KAA 38	3/8" NPT
KAA 12	1/2" NPT
KAA 34	3/4" NPT
KAA 10	1" NPT



906

### BLANK END US CLAW COUPLINGS

PART NUMBER	DESCRIPTION
UDM	Without chain



906

### NPT FEMALE US CLAW COUPLINGS

PART NUMBER	THREAD
KIA 38	3/8" NPT
KIA 12	1/2" NPT
KIA 34	3/4" NPT
KIA 10	1" NPT



906

### NBR SEAL SUITABLE FOR OIL / AIR

PART NUMBER	TEMPERATURE RANGE
GOOR	-40°C to +95°C

For Universal Clip – See page 170

## WHIPCHECK

## PARKAIR®

### WHIPCHECK – A POSITIVE SAFEGUARD FOR HOSE CONNECTIONS

#### FEATURES

These strong steel cables help prevent hose whip in case of accidental separation of coupling or clamp device. The safety cable reaches across the hose fittings to provide stand by safety for the hose. Spring-loaded loops in the cable ends open easily to pass over the couplings for a firm grip on the hose. Thoroughly tested with years of proven service.

#### SPECIFICATIONS

Max. working pressure	13.8 bar (200 psi)
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910

### WHIPCHECK SAFETY CABLE

PART NUMBER	CABLE	SIZE	APPROX. LENGTH
AH-WCK-1	1/8"	1/2" – 1 1/4"	22"
AH-WCK-2	1/4"	1 1/2" – 3"	39"
AH-WCK-3	3/8"	3" – 6"	1200 mm

## WATER PROFI CLAW COUPLINGS

### SPECIFICATIONS

Max. working pressure	50 bar (725 psi)
Temperature range	Up to 95°C (203°F)
Body material	Forged brass MS 58
Seal material	NBR



906

### FEATURES

- Easy to couple, high pressure & vacuum spectrum
- Maximum bore at optimum wall thickness
- Ergonomic formed claws – optimum safety against accidental opening
- Patented special rubber ring of NBR with optimum elasticity
- Universal coupling (interchangeable with types used worldwide) for water lines in industry, construction, garages, agriculture or civil installations



906

### BSPP FEMALE CLAW COUPLING WITH THREAD SEALING RING

PART NUMBER	THREAD
GKI 14	1/4" BSPP
GKI 38	3/8" BSPP
GKI 12	1/2" BSPP
GKI 34	3/4" BSPP
GKI 10	1" BSPP
GKI 54	1 1/4" BSPP
GKI 15	1 1/2" BSPP

### HOSE CLAW COUPLING

PART NUMBER	HOSE ID
GSK 10	3/8"
GSK 13	1/2"
GSK 16	5/8"
GSK 19	3/4"
GSK 25	1"
GSK 32	1 1/4"
GSK 38	1 1/2"



906

### BSPP MALE CLAW COUPLING

PART NUMBER	THREAD
GKA 14	1/4" BSPP
GKA 38	3/8" BSPP
GKA 12	1/2" BSPP
GKA 34	3/4" BSPP
GKA 10	1" BSPP
GKA 54	1 1/4" BSPP
GKA 15	1 1/2" BSPP



906

### BLANK END CLAW COUPLING

PART NUMBER	DESCRIPTION
GKO	Without chain

### EPDM SEAL SUITABLE FOR WATER

PART NUMBER	TEMPERATURE RANGE
GKOR	-20°C to +95°C



906

## ORIGINAL GEKA PLUS CLAW COUPLINGS – STAINLESS STEEL

### SPECIFICATIONS

Max. working pressure	40 bar (580 psi)
Temperature range	-20°C to +200°C (-4°F to +392°F)
Body material	316 stainless steel
Seal material	FKM



906

### FEATURES

- Easy to couple, high pressure & vacuum spectrum
- Maximum bore at optimum wall thickness
- Ergonomic formed claws – optimum safety against accidental opening
- Patented special rubber ring of FKM with optimum elasticity
- Universal coupling for applications in chemical, food or drink industry



906

### BSPP FEMALE CLAW COUPLING WITH THREAD SEALING RING

PART NUMBER	THREAD
GKI 12 SS	1/2" BSPP
GKI 34 SS	3/4" BSPP
GKI 10 SS	1" BSPP

### HOSE CLAW COUPLING

PART NUMBER	HOSE ID
GSK 13 SS	1/2"
GSK 19 SS	3/4"
GSK 25 SS	1"



906

### BSPP MALE CLAW COUPLING

PART NUMBER	THREAD
GKA 12 SS	1/2" BSPP
GKA 34 SS	3/4" BSPP
GKA 10 SS	1" BSPP



906

### BLANK END CLAW COUPLING

PART NUMBER	DESCRIPTION
GKO SS	Without chain

### FKM SEAL CHEMICAL RESISTANT

PART NUMBER	TEMPERATURE RANGE
GKVR-N	-20°C to +200°C



906

## INSTANTANEOUS ALUMINIUM COUPLINGS

### DESCRIPTION

The 2 1/2" (64 mm) instantaneous coupling system is used for a variety of water delivery applications to connect hoses together & to other pipework & fittings. Constructed of light alloy, it comprises of a male & female two part connection. Water flow is normally from the female half into the male half. Couplings with hosedetails are held securely in position by two internally spring loaded plungers in the female half, which lock in place behind a raised lip on the male half. Both plungers must be fully retracted to allow separation of the two parts. Adaptors with threads are held securely in position by a single spring loaded plunger, which is released by a single twist mechanism. The coupling hosedetails have a double rib arrangement, which facilitates wire binding or hose clamps.



6985



6985

### 2 1/2" INSTANTANEOUS FEMALE ALUMINIUM ADAPTOR BSPP MALE

PART NUMBER	THREAD
FHALF250BM100	1" BSPP
FHALF250BM150	1 1/2" BSPP
FHALF250BM200	2" BSPP
FHALF250BM250	2 1/2" BSPP
FHALF250BM300	3" BSPP

### 2 1/2" INSTANTANEOUS COUPLING HOSE BARB

PART NUMBER	HOSE ID
FHCLI250H150	38 mm
FHCLI250H175	45 mm
FHCLI250H200	51 mm
FHCLI250H250	64 mm
FHCLI250H275	70 mm
FHCLI250H300	76 mm



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### 2 1/2" INSTANTANEOUS FEMALE ALUMINIUM ADAPTOR BSPP FEMALE

PART NUMBER	THREAD
FHALF250BF100	1" BSPP
FHALF250BF150	1 1/2" BSPP
FHALF250BF200	2" BSPP
FHALF250BF250	2 1/2" BSPP
FHALF250BF300	3" BSPP

## INSTANTANEOUS PLUGS & CAPS

### DESCRIPTION

For non-pressurised applications, plugs & caps are available. Designed to prevent the ingress of dust, insects, sand, gravel & other foreign bodies which may cause damage.

All are supplied with keep chain & hook for security.



6985

### 2 1/2" INSTANTANEOUS MALE ALUMINIUM ADAPTOR BSPP MALE

PART NUMBER	THREAD
FHALM250BM100	1" BSPP
FHALM250BM150	1 1/2" BSPP
FHALM250BM200	2" BSPP
FHALM250BM250	2 1/2" BSPP
FHALM250BM300	3" BSPP



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### 2 1/2" INSTANTANEOUS MALE PLUGS

PART NUMBER	MATERIAL
FHPLMA250I	Light alloy
FHPLMP250I	Plastic
FHPLMR250	Rubber

**FHPLMR250 does not have instantaneous form**



6985

### 2 1/2" INSTANTANEOUS MALE ALUMINIUM ADAPTOR BSPP FEMALE

PART NUMBER	THREAD
FHALM250BF75	3/4" BSPP
FHALM250BF100	1" BSPP
FHALM250BF150	1 1/2" BSPP
FHALM250BF200	2" BSPP
FHALM250BF250	2 1/2" BSPP
FHALM250BF300	3" BSPP



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### 2 1/2" INSTANTANEOUS FEMALE CAPS

PART NUMBER	MATERIAL
FHCAFA250I	Light alloy
FHCAFR250	Rubber

**FHCAFR250 does not have instantaneous form**

## ADAPTORS

Three

New  
Additions

### PART A MALE NIPPLE / FEMALE THREAD



909

PART NUMBER	SIZE	THREAD
IBC-CMA/10UD/027	1"	S60X6
IBC-CMA/15UD/027	1 1/2"	S60X6
IBC-CMA/2078RD/027	2"	RD 78
IBC-CMA/20PB/027	2"	2" BSPP
IBC-CMA/20UD/027	2"	S60X6
IBC-CMAS/20UD/028	2" Short	S60X6
IBC-CMAS/20UDNB/027	2" Short	S60X6EX
IBC-CMAS/20NNB/027	2" Short	2" NPS
IBC-CMAX/20UD/027	2" EXT	S60X6
IBC-CMA/2080KT/027	2"	M80X3
IBC-CMA/30U/027	3"	S100X8
IBC-CMA/392U/027	3"	S92X4
IBC-CMAX/30U/027	3"	S100X8

### PART HA MALE / FEMALE THREAD



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PART NUMBER	MALE THREAD	FEMALE THREAD
IBC-HMFB/75UD/027	3/4" BSPP	S60X6
IBC-HMFB/10UD/027	1" BSPP	S60X6
IBC-HMFB/12UD/027	1 1/4" BSPP	S60X6
IBC-HMFB/15UD/027	1 1/2" BSPP	S60X6
IBC-HMFB/20UD/027	2" BSPP	S60X6
IBC-HMFB/225U/027	2" BSPP	S75X6
IBC-HMFI/20UD/028	2" IDF	S60X6
IBC-HMFJ/20UD/028	2" RJT	S60X6
IBC-HMFM/20UD/027	2" NPSM	S60X6
IBC-HMFM/20UD/027	2" NPT	S60X6
IBC-HMFNS/20UD/027	2" NPT Short	S60X6
IBC-HMFU/20B/027	2" BSPP	S60X6
IBC-HMFU/20M/027	2" NPSM	S60X6
IBC-HMFUT1/20B/027	2" BSPP	S56X4
IBC-HMFR/2065UD/028	RD65	S60X6
IBC-HMFB/30U/027	3" BSPP	S100X8
IBC-HMFM/32U/027	2" NPS	S100X8
IBC-HMFR/3078U/028	RD78	S100X8
IBC-HMFU/32U/027	S60X6	S100X8
IBC-HMFU/926U/027	S60X6	S92X4

### PART C FEMALE COUPLING / HOSETAIL



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PART NUMBER	SIZE	HOSE ID
IBC-CFC/20T/027	2"	2"
IBC-CFC/215T/027	2"	1 1/2"
IBC-CFC/21T/027	2"	1"
IBC-CFC/212T/027	2"	1 1/4"

### PART HD FEMALE THREAD



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PART NUMBER	THREAD	THREAD
IBC-HFFB/12UD/027	1 1/4" BSPP	S60X6
IBC-HFFB/15UD/027	1 1/2" BSPP	S60X6
IBC-HFFB/20UD/027	2" BSPP	S60X6
IBC-HFFM/20UD/027	2" NPSM	S60X6
IBC-HFFB/32U/027	2" BSPP	S100X8
IBC-HFFM/32U/027	2" NPS	S100X8

### PART DA MALE / FEMALE THREAD



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PART NUMBER	MALE THREAD	FEMALE THREAD
IBC-DBMFB/56U20B/027	S56X4	2" BSPP
IBC-DBMFB/56U75B/027	S56X4	3/4" BSPP
IBC-DBMFB/64U20B/027	S64X5	2" BSPP
IBC-DBMFB/64U75B/027	S64X5	3/4" BSPP
IBC-DBMFB/70U20B/027	S70X6	2" BSPP
IBC-DBMFB/70U75B/027	S70X6	3/4" BSPP

### PART HE – POLYPROPYLENE BSPP MALE / HOSETAIL



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PART NUMBER	THREAD	HOSE ID
IBC-HMB/05T/027	1/2" BSPP	1/2"
IBC-HMB/75T/027	3/4" BSPP	3/4"
IBC-HMB/10T/027	1" BSPP	1"
IBC-HMB/12T/027	1 1/4" BSPP	1 1/4"
IBC-HMB/15T/027	1 1/2" BSPP	1 1/2"
IBC-HMB/20T/027	2" BSPP	2"
IBC-HMB/30T/027	3" BSPP	3"

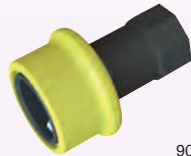
### PART HC FEMALE THREAD / HOSETAIL



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PART NUMBER	THREAD	HOSE ID
IBC-HFUD/20T/027	S60X6	2"
IBC-HFUD/212T/027	S60X6	1 1/4"
IBC-HFUD/215T/027	S60X6	1 1/2"
IBC-HFUD/21T/027	S60X6	1"

## COUPLINGS



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### POLYPROPYLENE COUPLING BSPP FEMALE

PART NUMBER	THREAD
IBC-DS10BFVF10BV027	1" BSPP

## NIPPLES



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### POLYPROPYLENE PROBE BSPP FEMALE

PART NUMBER	THREAD
IBC-DS10BMVF10BV027	1" BSPP

## ACCESSORIES



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### DUST CAPS FEMALE THREAD

PART NUMBER	THREAD
IBC-2BC/21B/024	2"
IBC-2BCS/20B/024	2" BSPP
IBC-2BC/20UD/024	S60X6
IBC-2BC/20N/024	2" NPT
IBC-3BC/1008U/024	S100X8



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### DUST CAP

PART NUMBER	SIZE
IBC-CFH/30C/027	3"



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### SEALS

PART NUMBER	SIZE	MATERIAL
IBC-FS20/EPD/NA	2"	EPDM/PP
IBC-FS202/PEE/NA	S60X6 (2" BSP/NPS)	PE ELASTOMER
IBC-HG100A/EPD/NA	S100X8	EPDM/PP
IBC-HG100A/PE/NA	S100X8	PE Elastomer
IBC-HG100C/EPD/NA	S100X8	EPDM
IBC-HG92/LDPE/NA	S92X4	LDPE
IBC-HG926/EPD/NA	S92X4	EPDM/PP

### Do you also need?

**PARKAIR®**

**Chemical hose**



Find it on page 685, section ten