

## Push Button Safety Couplings - For Compressed Air

Application: Safety couplings avoid hose whip when fittings are uncoupled by gradually decompressing the air in the downline hose.



### Technical Data

#### Standard

Comply with ISO 4414 - DIN EN 983

#### Working Temperature

-15°C to +70°C

#### Operation

Press button once to vent downline pressure.  
Press again to disconnect the hose

#### Special Requests

Stocked in popular sizes, other compatible interfaces available on request

### T19 Series 'Orange Button' Safety Coupling

Interchangeable with ALL Type4 19 British Adaptors

- CEJN 295, Rectus 19, PCL Airflow/Vertex, Metro T19

#### Female Thread Couplings

Part Number	Size
BSC061101	1/4 Female
BSC061102	3/8 Female
BSC061103	1/2 Female



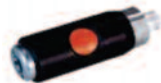
#### Tapered Thread Female Adaptors

Part Number	Size
BRP066101	1/4 Female
BRP066102	3/8 Female
BRP066103	1/2 Female



#### Parallel Pre-TEFLON Threaded Male Couplings

Part Number	Size
BSC061161	1/4 Male
BSC061162	3/8 Male
BSC061163	1/2 Male



#### Tapered Thread Male Adaptors

Part Number	Size
BRP066151	1/4 Male
BRP066152	3/8 Male



#### Hosetail Couplings

Part Number	Size
BSC061806	6mm Hosetail
BSC061808	8mm Hosetail
BSC061810	10mm Hosetail
BSC061813	13mm Hosetail



#### Hosetail Adaptors

Part Number	Size
BRP066806	6mm Hosetail
BRP066808	8mm Hosetail
BRP066810	10mm Hosetail



### T25 Series 'Green Button' Safety Coupling

Interchangeable with ALL Type 25 7.2 - 7.4 Adaptors

- CEJN 320, Rectus 25, PCL XF, Prevost ESG, Metro T25

Female Thread Couplings	
Part Number	Size
ESC071101	1/4 Female
ESC071102	3/8 Female
ESC071103	1/2 Female



Tapered Thread Female Adaptors	
Part Number	Size
ERP076101	1/4 Female
ERP076102	3/8 Female
ERP076103	1/2 Female



Parallel Pre-teflon Threaded Male Couplings	
Part Number	Size
ESC071161	1/4 Male
ESC071162	3/8 Male
ESC071163	1/2 Male



Tapered Thread Male Adaptors	
Part Number	Size
ERP076151	1/4 Male
ERP076152	3/8 Male
ERP076153	1/2 Male



Hosetail Couplings	
Part Number	Size
ESC071806	6mm Hosetail
ESC071808	8mm Hosetail
ESC071810	10mm Hosetail
ESC071813	13mm Hosetail



Hosetail Adaptors	
Part Number	Size
ERP076806	6mm Hosetail
ERP076808	8mm Hosetail
ERP076810	10mm Hosetail
ERP076813	13mm Hosetail

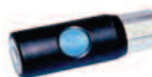


### T23 Series 'Blue Button' for 6mm ISO 6150 B Profile

Interchangeable with ALL Type 23/24 ISO Adaptors

- CEJN 310, Rectus 23, US-Mil 1/4, Prevost IRP
- Also available in 08mm and 11mm Series - please contact our sales office

Female Thread Couplings	
Part Number	Size
ISC061101	1/4 Female
ISC061102	3/8 Female
ISC061103	1/2 Female



Tapered Thread Female Adaptors	
Part Number	Size
IRP066101	1/4 Female
IRP066102	3/8 Female
IRP066103	1/2 Female



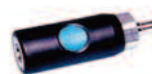
Parallel Pre-teflon Threaded Male Couplings	
Part Number	Size
ISC061161	1/4 Male
ISC061162	3/8 Male
ISC061163	1/2 Male



Tapered Thread Male Adaptors	
Part Number	Size
IRP066151	1/4 Male
IRP066152	3/8 Male
IRP066153	1/2 Male



Hosetail Couplings	
Part Number	Size
ISC061806	6mm Hosetail
ISC061808	8mm Hosetail
ISC061810	10mm Hosetail



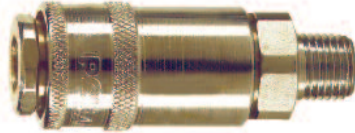
Hosetail Adaptors	
Part Number	Size
IRP066806	6mm Hosetail
IRP066808	8mm Hosetail
IRP066810	10mm Hosetail



## Airflow Couplings

Designed for fixed applications. The original quick-release coupling with over 50 years of design enhancements. Manufactured in the UK to the highest quality standards.

- Ideal for most workshop/garage applications
- For use with standard adaptors
- Stainless spring and ball
- Positive locking mechanism



Part Number	Thread Type	Thread Size
AC21CM	Male	R 1/4
AC21EM	Male	R 3/8
AC21JM	Male	R 1/2
AC21CF	Female	Rp 1/4
AC21EF	Female	Rp 3/8
AC21JF	Female	Rp 1/2
AC21R	Hose Tailpiece	7mm (1/4")
AC21S	Hose Tailpiece	6mm (5/16")
AC21T	Hose Tailpiece	10mm (3/8")
AC6103	Twin Coupling	-

### Technical Data

#### Materials

Steel with corrosive resistant finish

#### Operating Pressure

200psi (14 BAR)

#### Maximum Working Temperature

-40°C to +100°C

#### Special Requests

For assistance, contact our technical office.

## Standard Adaptors

Designed for use with Airflow, Vertex and Safeflow couplings. The Standard Air Line Adaptor is suitable for most workshop compressed air applications. Designed and manufactured alongside the couplings, this range of adaptors has become the benchmark in the UK for quality and reliability.

- Used in most workshop/garage environments
- Wide choice of thread and bore sizes
- Used with Airflow, Vertex, twin, non-corrodible and Safeflow couplings
- Case hardened for longer life



Part Number	Thread Type	Thread Size
ACA2593	Male	R 1/4
ACA6909	Male	R 3/8
ACA6584	Male	R 1/2
ACA2746	Female	Rp 1/4
ACA6582	Female	Rp 3/8
ACA6583	Female	Rp 1/2
ACA2486	Hose Tailpiece	4.75mm (3/16")
ACA1793	Hose Tailpiece	6.35mm (1/4")
ACA2487	Hose Tailpiece	7.9mm (5/16")
ACA2488	Hose Tailpiece	9.5mm (3/8")
ACA9438	Hose Tailpiece	13mm (1/2")

### Technical Data

#### Materials

Case hardened steel with corrosive resistant finish

#### Operating Pressure

200psi (14 BAR)

#### Maximum Working Temperature

-40°C to +100°C

#### Special Requests

For assistance, contact our technical office.

## Vertex Couplings

Designed for trailing hose applications using the standard adaptor, manufactured in the UK, these quick release couplings have a double action feature which makes them ideal for trailing hose applications in garage and tyre shop environments (e.g. portable air tools and hand held tyre inflation equipment).

- Incorporates all the features of the Airflow coupling
- For use with standard adaptors
- Steel construction with corrosive resistant finish
- Protective shoulder prevents dirt penetration and accidental disconnection



Part Number	Thread Type	Thread Size
AC91CM	Male	R 1/4
AC91EM	Male	R 3/8
AC91JM	Male	R 1/2
AC91CF	Female	Rp 1/4
AC91EF	Female	Rp 3/8
AC91JF	Female	Rp 1/2
AC91R	Hose Tailpiece	7mm (1/4")
AC91S	Hose Tailpiece	8mm (5/16")
AC91T	Hose Tailpiece	10mm (3/8")
AC6503	Twin Coupling	-

### Technical Data

#### Materials

Steel with corrosive resistant finish

#### Operating Pressure

200psi (14 BAR)

#### Maximum Working Temperature

-40°C to +100°C

#### Special Requests

For assistance, contact our technical office.

## Non-Corrodible Couplings

- Ideal for breathing air applications. Non spark, damp or high condensation environments
- For use with standard adaptors
- All Brass body and valve with phosphor bronze balls
- Positive locking mechanism



Part Number	Thread Type	Thread Size
AC32CM	Male	R 1/4
AC32CF	Female	Rp 1/4

### Technical Data

#### Materials

Brass

#### Operating Pressure

200psi (14 BAR)

#### Maximum Working Temperature

-40°C to +100°C

#### Special Requests

For assistance, contact our technical office.

## Safeflow Safety Couplings

Designed and manufactured in the UK. This range of safety couplings utilise a two stage self-venting release allowing full air discharge before disconnection. Ideal for engineering and workshop environments. Conforms to ISO 4414:1998 and EN 983:1996.

- Two Stage self-venting release; eliminates hose whip
- Compatible with standard adaptors
- Steel construction with corrosive resistant finish for longer life
- Complete range of thread forms and integral hose tails



Safeflow Couplings

Thread Type	Thread Size	Part Number
<b>Male</b>	<b>R 1/4</b>	<b>SC21CM</b>
<b>Male</b>	<b>R 3/8</b>	<b>SC21EM</b>
<b>Male</b>	<b>R 1/2</b>	<b>SC21JM</b>
<b>Female</b>	<b>Rp 1/4</b>	<b>SC21CF</b>
<b>Female</b>	<b>Rp 3/8</b>	<b>SC21EF</b>
<b>Female</b>	<b>Rp 1/2</b>	<b>SC21JF</b>
<b>Hose Tailpiece</b>	<b>7mm</b>	<b>SC21R</b>
<b>Hose Tailpiece</b>	<b>8mm</b>	<b>SC21S</b>
<b>Hose Tailpiece</b>	<b>10mm</b>	<b>SC21T</b>

### Technical Data

#### Materials

Steel with corrosive resist finish

#### Operating Pressure

200psi (14 BAR)

#### Maximum Working Temperature

-40°C to +100°C

#### Special Requests

For assistance, contact our technical office.

## XF Couplings and Adaptors

Designed and manufactured in the UK. This range of couplings and adaptors offers excellent flow characteristics providing the workshop with increased airflow when required and enhanced tool efficiency.

- High flow rate - 130cfm at 100psi
- Offers enhanced tool efficiency
- Steel construction with corrosive resistant finish for longer life
- Steel shoulder prevents accidental disconnection



### XF Couplings

Thread Type	Thread Size	Part Number
Male	R 1/4	AC71CM
Male	R 3/8	AC71EM
Male	R 1/2	AC71JM
Female	Rp 1/4	AC71CF
Female	Rp 3/8	AC71EF
Female	Rp 1/2	AC71JF
Hose Tailpiece	6mm	AC7106
Hose Tailpiece	8mm	AC7108
Hose Tailpiece	9mm	AC7109
Hose Tailpiece	10mm	AC7110
Hose Tailpiece	13mm	AC7113

### XF Adaptors

Part Number	Thread Type	Thread Size
AA7101	Male	R 1/8
AA7102	Male	R 1/4
AA7103	Male	R 3/8
AA7104	Male	R 1/2
AA7105	Female	Rp 1/8
AA7106	Female	Rp 1/4
AA7107	Female	Rp 3/8
AA7108	Female	Rp 1/2
AA7109	Hose Tailpiece	4mm
AA7110	Hose Tailpiece	6mm
AA7111	Hose Tailpiece	8mm
AA7114	Hose Tailpiece	9mm
AA7112	Hose Tailpiece	10mm
AA7113	Hose Tailpiece	13mm

#### Technical Data

##### Materials

Steel with corrosive resist finish

##### Operating Pressure

35 BAR (508psi)

##### Maximum Working Temperature

-40°C to +100°C

##### Special Requests

For assistance, contact our technical office.

## ZF Couplings and Adaptors

Designed and manufactured in the UK offering superior flow characteristics for industries with exceptional air flow applications



- Secure, single locking action
- Larger bore for increased flow rates
- Hard wearing steel construction with corrosive resistant finish

Thread Type	Thread Size	Coupling	Adaptor
Male	R 1/4	AC81CM	AA8101
Male	R 3/8	AC81EM	AA8102
Male	R 1/2	AC81JM	AA8103
Male	R 3/4	AC81LM	AA8104
Female	Rp 1/4	AC81CF	AA8105
Female	Rp 3/8	AC81EF	AA8106
Female	Rp 1/2	AC81JF	AA8107
Female	Rp 3/4	AC81LF	AA8108
Hose Tailpiece	6mm	-	AA8109
Hose Tailpiece	8mm	AC8108	AA8110
Hose Tailpiece	10mm	AC8110	AA8111
Hose Tailpiece	13mm	AC8113	AA8112
Hose Tailpiece	16mm	AC8116	AA8113
Hose Tailpiece	19mm	AC8119	AA8114

### Technical Data

#### Materials

Steel with corrosive resist finish

#### Operating Pressure

35 BAR (508psi)

#### Maximum Working Temperature

-40°C to +100°C

#### Special Requests

For assistance, contact our technical office.

## Euro Couplings and Adaptors

Specially designed and developed in the UK suitable for most general compressed air applications where this adaptor profile is required



- Robust slimline construction
- Single action connection
- Steel construction with corrosive resistant finish
- Built-in swivel prevents hose kinking

### Euro Couplings

Part Number	Thread Type	Thread Size
AC61CM	Male	R 1/4
AC61EM	Male	R 3/8
AC61JM	Male	R 1/2
AC61CF	Female	Rp 1/4
AC61EF	Female	Rp 3/8
AC61JF	Female	Rp 1/2
AC61R	Hose Tailpiece	7mm
AC61S	Hose Tailpiece	8mm
AC61T	Hose Tailpiece	10mm

### Euro Adaptors

Part Number	Thread Type	Thread Size
ACA6923	Male	R 1/4
ACA6924	Female	Rp 1/4
ACA6912	Hose Tailpiece	6.35mm (1/4")
ACA6922	Hose Tailpiece	7.9mm (5/16")
ACA6930	Hose Tailpiece	9.5mm (3/8")

### Technical Data

#### Materials

Steel with corrosive resist finish

#### Operating Pressure

200psi (14 BAR)

#### Maximum Working Temperature

-40°C to +100°C

#### Special Requests

For assistance, contact our technical office.

## ISO B12 Couplings and Adaptors

Designed and manufactured in the UK. This range of couplings and adaptors offers excellent flow characteristics for industrial applications where this adaptor profile is required

- Offers enhanced tool efficiency
- Steel construction with corrosive resistant finish
- Steel shoulder prevents accidental disconnection



Thread Type	Thread Size	Coupling	Adaptor
Male	R 1/4	AC75CM	AA7502
Male	R 3/8	AC75EM	AA7503
Male	R 1/2	AC75JM	AA7504
Female	Rp 1/4	AC75CF	AA7506
Female	Rp 3/8	AC75EF	AA7507
Female	Rp 1/2	AC75JF	AA7508
Hose Tailpiece	6mm	AC7506	AA7510
Hose Tailpiece	8mm	AC7508	AA7511
Hose Tailpiece	10mm	AC7510	AA7512
Hose Tailpiece	13mm	AC7513	AA7513

### Technical Data

#### Materials

Steel with corrosive resist finish

#### Operating Pressure

35 BAR (508psi)

#### Maximum Working Temperature

-40°C to +100°C

#### Special Requests

For assistance, contact our technical office.

## Mini Couplings and Adaptors

For use in the light engineering environment, this range of small-bore couplings and adaptors has proved popular in the robotics, medical, instrumentation and automation industries

- Single action/one-handed operation
- Lightweight and compact design
- Manufactured in brass with chrome plate finish



### Mini Couplings

Part Number	Thread Type	Thread Size
AC11AM	Male	G 1/8
AC11CM	Male	G 1/4
AC11AF	Female	G 1/8
AC11CF	Female	G 1/4

### Mini Adaptors

Part Number	Thread Type	Thread Size
AA11AM	Male	G 1/8
AA11CM	Male	G 1/4
AA11AF	Female	G 1/8
AA11CF	Female	G 1/4
AA1104	Hose Tailpiece	4mm
AA1106	Hose Tailpiece	6mm
AA1109	Hose Tailpiece	9mm

### Technical Data

#### Materials

Steel with corrosive resist finish

#### Operating Pressure

35 BAR (508psi)

#### Maximum Working Temperature

-20°C to +80°C

#### Special Requests

For assistance, contact our technical office.

## KF Couplings and Adaptors

Designed and manufactured in the UK. This range of couplings and adaptors offers excellent flow characteristics ideal for portable air tool and industrial applications where this adaptor profile is required

- Offers enhanced tool efficiency
- Steel construction with corrosive resistant finish
- Steel shoulder prevents accidental disconnection



Thread Type	Thread Size	Coupling	Adaptor
Male	R 1/4	AC78CM	AA7802
Male	R 3/8	AC78EM	AA7803
Male	R 1/2	AC78JM	AA7804
Female	Rp 1/4	AC78CF	AA7806
Female	Rp 3/8	AC78EF	AA7807
Female	Rp 1/2	AC78JF	AA7808
Hose Tailpiece	6mm	AC7806	AA7810
Hose Tailpiece	8mm	AC7808	AA7811
Hose Tailpiece	10mm	AC7810	AA7812
Hose Tailpiece	13mm	AC7813	AA7813

### Technical Data

#### Materials

Steel with corrosive resist finish

#### Operating Pressure

35 BAR (508psi)

#### Maximum Working Temperature

-40°C to +100°C

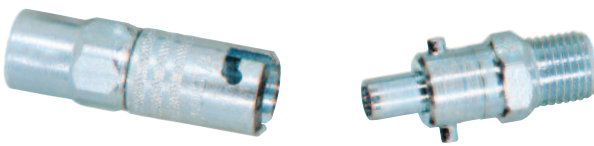
#### Special Requests

For assistance, contact our technical office.

## InstantAir Couplings and Adaptors

These InstantAir couplings are manufactured in the UK and are suitable for most fixed compressed air applications, although swivel adaptors are recommended for hose applications

- Bayonet type couplings, preventing accidental disconnection
- Range of swivel or non-swivel adaptors
- Heavy duty large bore version available



Material	Thread Type	Thread Size	Coupling	Adaptors
Steel	Male	G 1/4	AC51CM	5102
Steel	Male	G 3/8	AC51EM	5103
Steel	Male	R 1/2	AC51JM	-
Steel	Female	Rp 1/4	AC51CF	5106
Steel	Female	Rp 3/8	AC51EF	5107
Steel	Female	Rp 1/2	AC51JF	-
Steel	Hose Tailpiece	6.35mm (1/4")	AC51R	5110
Steel	Hose Tailpiece	7.9mm (5/16")	AC51S	5111
Steel	Hose Tailpiece	9.5mm (3/8")	AC51T	5112
Brass	Male	G 1/4	AC52CM	5202
Brass	Male	G 3/8	AC52EM	5203
Brass	Female	Rp 1/4	AC52CF	5206
Brass	Female	Rp 3/8	AC52EF	5207
Brass	Hose Tailpiece	6.35mm (1/4")	AC52R	5210
Brass	Hose Tailpiece	7.9mm (5/16")	AC52S	5211
Brass	Hose Tailpiece	9.5mm (3/8")	AC52T	5212

### Technical Data

#### Materials

Steel and brass

#### Operating Pressure

17 BAR (250psi)

#### Maximum Working Temperature

-20°C to +80°C

#### Additional Options

Available in zinc plated steel or chrome plated brass. High temperature version available on request

#### Special Requests

For assistance, contact our technical office.

## InstantAir Swivel Adaptors

- Bayonet type couplings, preventing accidental disconnection
- Range of swivel or full adaptors



Part Number	Material	Thread Type	Thread Size
AA5302	Steel	Male	G 1/4
AA5303	Steel	Male	G 3/8
AA5306	Steel	Female	Rp 1/4
AA5307	Steel	Female	Rp 3/8
AA5310	Steel	Hose Tailpiece	6.35mm (1/4")
AA5311	Steel	Hose Tailpiece	7.9mm (5/16")
AA5312	Steel	Hose Tailpiece	9.5mm (3/8")
AA5402	Brass	Male	G 1/4
AA5403	Brass	Male	G 3/8
AA5406	Brass	Female	Rp 1/4
AA5407	Brass	Female	Rp 3/8
AA5410	Brass	Hose Tailpiece	6.35mm (1/4")
AA5411	Brass	Hose Tailpiece	7.9mm (5/16")
AA5412	Brass	Hose Tailpiece	9.5mm (3/8")

### Technical Data

#### Materials

Steel and brass

#### Operating Pressure

17 BAR (250psi)

#### Maximum Working Temperature

-20°C to +80°C

#### Addition Options

Available in zinc plated steel or chrome plated brass. High temperature version available on request

#### Special Requests

For assistance, contact our technical office.

## InstantAir 1/2" Couplings & Swivel Adaptors

- Offers higher flow characteristics
- Not interchangeable with standard InstantAir range



Material	Thread Type	Thread Size	Coupling	Adaptor
Steel	Male	G 1/2	AC59JM	AC5904
Steel	Female	G 1/2	AC59JF	AC5908
Steel	Hose Tailpiece	12.7mm (1/2")	AC59V	AC5913

### Technical Data

#### Materials

Steel

#### Operating Pressure

17 BAR (250psi)

#### Maximum Working Temperature

-20°C to +80°C

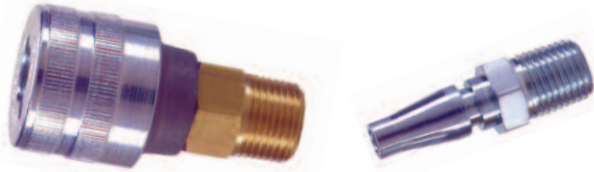
#### Special Requests

For assistance, contact our technical office.

## Genuine Schrader Couplings and Adaptors

Genuine Schrader couplings, generally suitable for most fixed compressed air applications where this adaptor profile is required

- Twist locking feature prevents accidental disconnection
- When coupled, the adaptor can swivel, thereby eliminating kinking of hose
- Heavy Duty variant available



Genuine Schrader Couplings

Part Number	Type	Thread Type	Thread Size
ACS102	Standard	Male	R 1/4
ACS103	Standard	Male	R 3/8
ACS101	Standard	Female	G 1/4
ACS201	Heavy Duty	Female	G 1/2

Genuine Schrader Adaptors

Part Number	Type	Thread Type	Thread Size
ACAS104	Standard	Male	R 1/4
ACAS105	Standard	Female	G 1/4
ACAS101	Standard	Hose Tailpiece	6mm (1/4")
ACAS103	Standard	Hose Tailpiece	8mm (5/16")
ACAS102	Standard	Hose Tailpiece	10mm (3/8")
ACAS204	Heavy Duty	Male	R 1/4
ACAS205	Heavy Duty	Male	R 3/8
ACAS203	Heavy Duty	Male	R 1/2
ACAS201	Heavy Duty	Hose Tailpiece	10mm (3/8")
ACAS202	Heavy Duty	Hose Tailpiece	12mm (1/2")

### Technical Data

#### Materials

Carbon Steel

#### Operating Pressure

17 BAR (250psi)

#### Maximum Working Temperature

-10°C to +80°C

#### Special Requests

For assistance, contact our technical office.

## PF Couplings and Adaptors

This coupling and adaptor range has been designed manufactured in the UK to offer a competitive alternative to the genuine Schrader product

- Simple one-handed operation
- Steel lightweight construction with corrosive resistant finish
- Extensive range
- Superior flow characteristics



### Technical Data

#### Materials

Steel with corrosive resistant finish

#### Operating Pressure

35 BAR (508psi)

#### Maximum Working Temperature

-40°C to +100°C

#### Special Requests

For assistance, contact our technical office.

### PF Couplings

Part Number	Thread Type	Thread Size
AC77CM	Male	R 1/4
AC77EM	Male	R 3/8
AC77JM	Male	R 1/2
AC77CF	Female	Rp 1/4
AC77EF	Female	Rp 3/8
AC77JF	Female	Rp 1/2
AC7706	Hose Tailpiece	6mm
AC7708	Hose Tailpiece	8mm
AC7710	Hose Tailpiece	10mm
AC7713	Hose Tailpiece	13mm

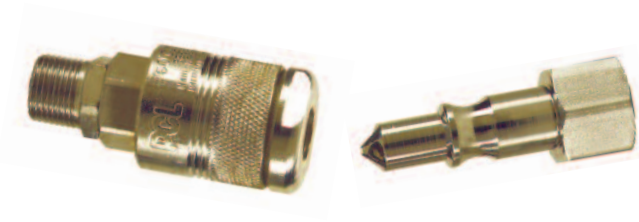
### PF Adaptors

Part Number	Thread Type	Thread Size
AA7702	Male	R 1/4
AA7703	Male	R 3/8
AA7706	Female	Rp 1/4
AA7707	Female	Rp 3/8
AA7710	Hose Tailpiece	6mm
AA7711	Hose Tailpiece	8mm
AA7712	Hose Tailpiece	10mm

## 60 Series Couplings

Designed and manufactured in the UK this traditional coupling range offers above average airflow characteristics for general and portable air tool applications in garage and tyre shop environments

- Hardened steel shoulder prevents accidental disconnection
- Secure locking device
- Swivel feature prevents kinking of the hose
- Specially designed valve and large aperture provides optimum air flow



60 Series Couplings

Part Number	Thread Type	Thread Size
AC4CM	Male	R 1/4
AC4EM	Male	R 3/8
AC4JM	Male	R 1/2
AC4CF	Female	Rp 1/4
AC4EF	Female	Rp 3/8
AC4JF	Female	Rp 1/2

60 Series Adaptors

Part Number	Thread Type	Thread Size
ACA2657	Male	R 1/4
ACA2661	Male	R 3/8
ACA2653	Female	Rp 1/4
ACA2660	Female	Rp 3/8
ACA2654	Hose Tailpiece	7.9mm (5/16")
ACA2658	Hose Tailpiece	9.5mm (3/8")
ACA2659	Hose Tailpiece	12.7mm (1/2")

### Technical Data

#### Materials

Steel with corrosive resistant finish

#### Operating Pressure

14 BAR (200psi)

#### Maximum Working Temperature

-40°C to +100°C

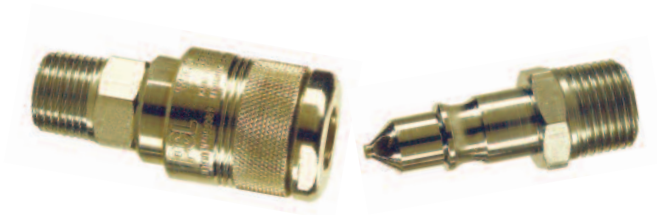
#### Special Requests

For assistance, contact our technical office.

## 100 Series Couplings

Designed and manufactured in the UK this traditional coupling range offers greater airflow characteristics for the larger portable air tool applications in garage and tyre shop environments

- The hardened steel shoulder prevents accidental disconnection
- Secure locking device
- Swivel feature prevents kinking of the hose
- Specially designed valve and large aperture provide maximum air flow flow rates



### 100 Series Couplings

Part Number	Thread Type	Thread Size
<b>AC5EM</b>	<b>Male</b>	<b>R 3/8</b>
<b>AC5JM</b>	<b>Male</b>	<b>R 1/2</b>
<b>AC5EF</b>	<b>Female</b>	<b>Rp 3/8</b>
<b>AC5JF</b>	<b>Female</b>	<b>Rp 1/2</b>

### 100 Series Adaptors

Part Number	Thread Type	Thread Size
<b>ACA2999</b>	<b>Male</b>	<b>R 3/8</b>
<b>ACA3035</b>	<b>Male</b>	<b>R 1/2</b>
<b>ACA2994</b>	<b>Female</b>	<b>Rp 3/8</b>
<b>ACA3037</b>	<b>Hose Tailpiece</b>	<b>9.5mm (3/8")</b>
<b>ACA3036</b>	<b>Hose Tailpiece</b>	<b>12.7mm (1/2")</b>

#### Technical Data

##### Materials

Steel with corrosive resistant finish

##### Operating Pressure

14 BAR (200psi)

##### Maximum Working Temperature

-40°C to +100°C

##### Special Requests

For assistance, contact our technical office.

## Commercial Vehicle Components - Airline couplings to BS AU 138b:2000

Although not in the standard we offer 1/2" BSP variant

### Emergency Line



Tractor		Trailer	
Carrier	Thread	Probe	Thread
<b>VCF 4000</b>	<b>M22</b>	<b>VCM 4001</b>	<b>M22</b>
<b>VCF 4004</b>	<b>M16</b>	<b>VCM 4014</b>	<b>1/2 BSP</b>
<b>VCF 4009</b>	<b>1/2 BSP</b>		

### Service Line



Tractor		Trailer	
Probe	Thread	Carrier	Thread
<b>VCM 4002</b>	<b>M22</b>	<b>VCF 4003</b>	<b>M22</b>
<b>VCM 4005</b>	<b>M16</b>	<b>VCF 4015</b>	<b>1/2 BSP</b>
<b>VCM 4010</b>	<b>1/2 BSP</b>		

#### Technical Data

##### Materials

Carbon steel plated 12 micron zinc-iron with black passivate, aluminium locking sleeves

##### Operating Pressure

10 BAR

##### Maximum Working Temperature

-10°C to +80°C

##### Special Requests

For assistance, contact our technical office.

## Test Tools

The new compact design of kit makes it easier to use.

The test tool is used to verify the correct manufacture and installation of the trailer female service line coupling.

When coupled up a correctly manufactured and installed female coupling will lift the male sealing valve by at least 3mm. It is this operation which is checked by the test tool kit.



Part Number	Thread Type
<b>VCPF 4008</b>	<b>Female</b>
<b>VCPM 4007</b>	<b>Male</b>

#### Technical Data

##### Operating Pressure

14 BAR (200psi)

##### Maximum Working Temperature

-40°C to +100°C

##### Special Requests

For assistance, contact our technical office.

## Commercial Vehicle Components - Airline couplings to BS AU 138a:1980

### Emergency Line



Tractor

Trailer

Self-Sealing Valve		Female Coupling		Male Coupling	
Part Number	Thread	Part Number	Thread	Part Number	Thread
<b>VCF 3400</b>	<b>1/2 BSP</b>	<b>VCF 3397</b>	<b>1/2 BSP</b>	<b>VCM 3074</b>	<b>1/2</b>
<b>VCF 3771</b>	<b>M22</b>	<b>VCF 3772</b>	<b>M22</b>	<b>VCM 3733</b>	<b>M22</b>

#### Technical Data

##### Materials

Carbon steel 5 micron zinc-plated and yellow passivated

##### Operating Pressure

10 BAR

##### Maximum Working Temperature

-10°C to +80°C

##### Special Notes

All M22 couplings have identification groove. Couplings are available pre-assembled with self sealing valve and valve lifter if required

##### Special Requests

For assistance, contact our technical office.

### Service Line



Tractor

Trailer

Self-Sealing Valve		Male Coupling		Female Coupling		Valve Lifter	
Part Number	Thread	Part Number	Thread	Part Number	Thread	Part Number	Thread
<b>VCM 3501</b>	<b>1/2 BSP</b>	<b>VCM 3074</b>	<b>1/2 BSP</b>	<b>VCF 3397</b>	<b>1/2 BSP</b>	<b>VCF 3135</b>	<b>1/2 BSP</b>
<b>VCM 3770</b>	<b>M 22</b>	<b>VCM 3733</b>	<b>M 22</b>	<b>VCF 3772</b>	<b>M22</b>	<b>VCF 3774</b>	<b>M 22</b>

### Auxiliary



Tractor

Trailer

Self-Sealing Valve		Female Coupling		Male Coupling	
Part Number	Thread	Part Number	Thread	Part Number	Thread
<b>VCF 3400</b>	<b>1/2 BSP</b>	<b>VCF 3398</b>	<b>1/2 BSP</b>	<b>VCM 3075</b>	<b>1/2</b>
<b>VCF 3771</b>	<b>M22</b>	<b>VCF 3763</b>	<b>M22</b>	<b>VCM 3734</b>	<b>M22</b>

## Parking Couplings

These are made to a similar pattern to the standard BS AU 138a/b couplings and are designed to provide secure parking locations for the tractor couplings. To ensure the suzi coils remain undamaged while parked the overall length of the dummy couplings has been kept to a minimum. The couplings incorporate the same locking mechanism as the standard couplings and are plated to the same specifications.



Part Number	Thread Type
<b>VCPF 4008</b>	<b>Female</b>
<b>VCPM 4007</b>	<b>Male</b>

### Technical Data

#### Materials

Carbon steel plated

#### Maximum Working Temperature

-40°C to +100°C

#### Special Requests

For assistance, contact our technical office.

## Trailer C-Lock

The I & R trailer lock has been designed to be compact (length when unlocked - 98mm, locked length - 110mm, -38mm), rugged and simple to operate. When locked onto the trailer male c-coupling it prevents coupling up to, or removal of, the male coupling.

To fit the coupling: simply remove the key and push the lock onto the male - sliding the outer sleeve forward until it clicks.

To remove the lock: insert the key and turn.

We can provide matched sets or individually keyed locks from 10,000 key combinations.



Part Number
<b>VCPL 4040</b>
<b>VCPM 4007</b>

### Technical Data

#### Materials

Carbon Steel Plated

#### Maximum Working Temperature

-40°C to +100°C

#### Special Requests

For assistance, contact our technical office.