

STANDARD RANGE

VERTEX SERIES

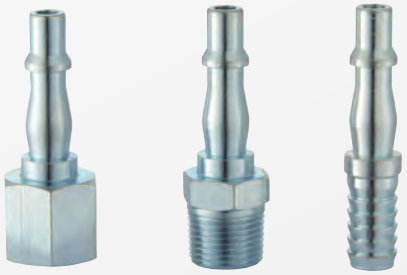
Designed and manufactured in Sheffield by PCL, these quick release Vertex Couplings feature a double action mechanism. This makes them ideal in garages and tyreshops, where operators are using air tools or hand held inflators for trailing hose applications.

Features

- Double action
- Protective shoulder helps to prevent dirt penetration
- Steel construction
- Corrosive resistant finish
- Case-hardened steel adaptors
- Ideal for use in the garage and tyreshop environments
- Designed for trailing hose applications

5 YEARS EXTENDED WARRANTY





Part Number	Thread Type	Thread Size
Vertex Couplings		
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	7 mm / 1/4 in
AC91S	Hose Tailpiece	8 mm / 5/16 in
AC91T	Hose Tailpiece	10 mm / 3/8 in
AC6503	Twin Coupling	N/A

- Nominal bore: 4.8 mm
- Flow rate: 43 cfm @ 100 psi
- Maximum working pressure: 14 bar / 200 psi
- Temperature range: -40°C to 100°C

Part Number	Thread Type	Thread Size
Standard Adaptors		
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	4.75 mm / 3/16 in
ACA1793	Hose Tailpiece	6.35 mm / 1/4 in
ACA2487	Hose Tailpiece	7.9 mm / 5/16 in
ACA2488	Hose Tailpiece	9.5 mm / 3/8 in
ACA9438	Hose Tailpiece	13 mm / 1/2 in
Standard Safety Adaptor		
ACA9101	Male	R 1/4

INTERCHANGEABLE » RECTUS 19

MATCHING COUPLINGS AND ADAPTORS

Identifying couplings can be difficult, especially if there is no branding etched or printed on the sleeve - and when it comes to adaptors, different profiles do not interchange. For example, an XF-Euro adaptor will not fit into a Vertex coupling.

Therefore the most important aspect of identifying couplings and adaptors is to establish their profile.

That's why our brochure places them in series so it's easy to see which fit together, whilst our "actual size adaptor profile" chart on page 23 enables adaptors to be matched to the outlines of those shown on the page.

The coupling can then be identified by establishing the adaptor that fits into it using the method above.

PCL couplings and adaptors are manufactured to conform to international standards and are interchangeable with other manufacturers' couplings and adaptors using the same standards.

Jargon Buster

Couplings are often referred to as either "females" or "sockets" or "couplers".

Adaptors are also known as "males" or "plugs" or "nipples".

Nominal bore is the term used for the internal diameter of the hole that runs through the length of the adaptor.