

PCL couplings are built by hand and 100% individually tested for guaranteed reliability in our high-tech factory in Sheffield, utilising the very latest equipment.

The sleek silver couplings are manufactured using hardened steel to ensure extra durability, and coated with Trivalent chromates to produce a hard, corrosive and scratch-resistant finish.

This means that customers purchasing our renowned couplings will benefit from a highly advanced product which builds on our expert manufacturing process.

Our unique quick release couplings and adaptors were first made in the early 1940s when our factory was set up in Sheffield, and were first patented in 1944.

Today's range has developed into a world-leading collection of couplings designed for a variety of markets with common industry interchanges and Safety Couplings complementing the range.

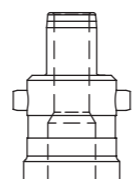
At PCL we are proud to display the city's prestigious mark of quality and excellence on our "Made in Sheffield" products, which promise to meet the requirements of relevant quality standards and stringent European and other market approvals.



Actual size adaptor profiles

Adaptor profiles displayed are actual size - just place your adaptor on the matching drawing to find its interchange.

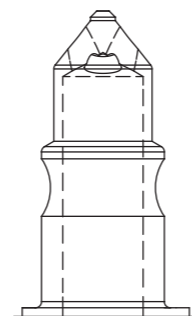
INSTANTAIR RANGE



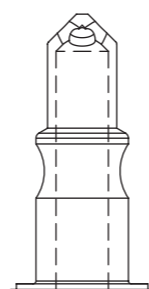
SCALE

(1.000")

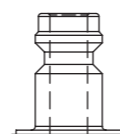
100 SERIES



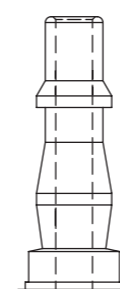
60 SERIES



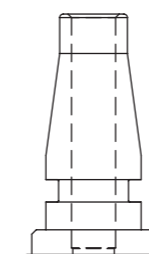
MINI RANGE



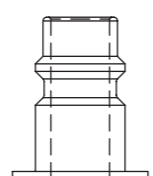
STANDARD RANGE



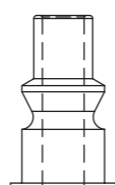
HEAVY DUTY SCHRADER



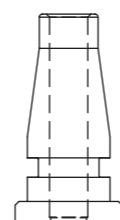
XF RANGE



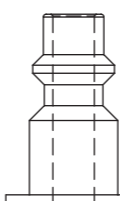
EURO RANGE



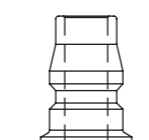
PF RANGE



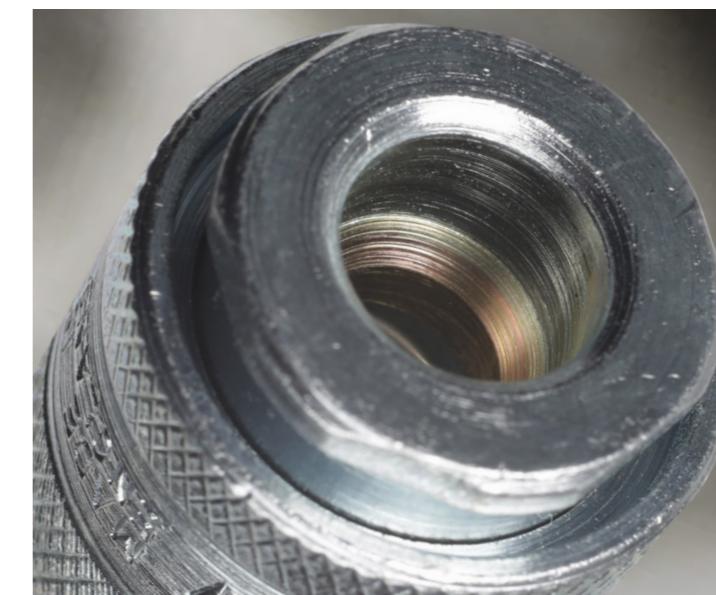
ISO B12 RANGE



KF RANGE



DRIVEN BY AIR.



Couplings and Adaptors

Made in Sheffield and 100% individually tested for guaranteed reliability

A quick reference guide to the interchange and specifications of PCL couplings and adaptors

Airflow Range

NOMINAL BORE	FLOW RATE @ 6 bar (0.5 bar P.D.)	MAXIMUM WORKING PRESSURE	TEMPERATURE RANGE	INTERCHANGEABLE
4.8 mm	43 cfm @ 100 psi	14 bar (200 psi)	-40°C to 100°C	Cejn 295 Rectus 19

Vertex Range

NOMINAL BORE	FLOW RATE @ 6 bar (0.5 bar P.D.)	MAXIMUM WORKING PRESSURE	TEMPERATURE RANGE	INTERCHANGEABLE
4.8 mm	43 cfm @ 100 psi	14 bar (200 psi)	-40°C to 100°C	Cejn 295 Rectus 19

Safeflow Range

NOMINAL BORE	FLOW RATE @ 6 bar (0.5 bar P.D.)	MAXIMUM WORKING PRESSURE	TEMPERATURE RANGE	INTERCHANGEABLE
4.8 mm	43 cfm @ 100 psi	14 bar (200 psi)	-40°C to 100°C	Cejn 295 Rectus 19

Non-corrodible Range

NOMINAL BORE	FLOW RATE @ 6 bar (0.5 bar P.D.)	MAXIMUM WORKING PRESSURE	TEMPERATURE RANGE	INTERCHANGEABLE
4.8 mm	43 cfm @ 100 psi	14 bar (200 psi)	-40°C to 100°C	Cejn 295 Rectus 19

InstantAir Range

NOMINAL BORE	FLOW RATE @ 6 bar (0.5 bar P.D.)	MAXIMUM WORKING PRESSURE	TEMPERATURE RANGE	INTERCHANGEABLE
5.6 mm	54 cfm @ 100 psi	17 bar (250 psi)	-20°C to 80°C	-



100 Series

NOMINAL BORE	FLOW RATE @ 6 bar (0.5 bar P.D.)	MAXIMUM WORKING PRESSURE	TEMPERATURE RANGE	INTERCHANGEABLE
10.3 mm	117 cfm @ 100 psi	14 bar (200 psi)	-40°C to 100°C	-

60 Series

NOMINAL BORE	FLOW RATE @ 6 bar (0.5 bar P.D.)	MAXIMUM WORKING PRESSURE	TEMPERATURE RANGE	INTERCHANGEABLE
7.1 mm	60 cfm @ 100 psi	14 bar (200 psi)	-40°C to 100°C	-

Mini Range

NOMINAL BORE	FLOW RATE @ 6 bar (0.5 bar P.D.)	MAXIMUM WORKING PRESSURE	TEMPERATURE RANGE	INTERCHANGEABLE
5.0 mm	560 l/min	35 bar (508 psi)	-20°C to 80°C	Camozzi Mini Cejn 50 Legris 21 Norgren 233 Rectus 21 Schrader Mini

Standard Schrader

NOMINAL BORE	FLOW RATE @ 6 bar (0.5 bar P.D.)	MAXIMUM WORKING PRESSURE	TEMPERATURE RANGE	INTERCHANGEABLE
5.0 mm	900 l/min	17 bar (250 psi)	-20°C to 80°C	Cejn 317 Rectus 17

Heavy Duty Schrader

NOMINAL BORE	FLOW RATE @ 6 bar (0.5 bar P.D.)	MAXIMUM WORKING PRESSURE	TEMPERATURE RANGE	INTERCHANGEABLE
8.5 mm	500 l/min	17 bar (250 psi)	-20°C to 80°C	Cejn 499 Rectus 68



XF-Euro Range

NOMINAL BORE	FLOW RATE @ 6 bar (0.5 bar P.D.)	MAXIMUM WORKING PRESSURE	TEMPERATURE RANGE	INTERCHANGEABLE
7.4 mm	2200 l/min	35 bar (508 psi)	-40°C to 100°C	Cejn 320 Legris 25/26 Norgren 234/238 Rectus 25/26 Schrader InterCheck 35

A Style Range

NOMINAL BORE	FLOW RATE @ 6 bar (0.5 bar P.D.)	MAXIMUM WORKING PRESSURE	TEMPERATURE RANGE	INTERCHANGEABLE
5.5 mm	650 l/min	14 bar (200 psi)	-40°C to 100°C	ARO 210 Cejn 300 JWL 522/532 Rectus 14/22 Schrader Euro

PF Range

NOMINAL BORE	FLOW RATE @ 6 bar (0.5 bar P.D.)	MAXIMUM WORKING PRESSURE	TEMPERATURE RANGE	INTERCHANGEABLE
5.0 mm	2200 l/min	35 bar (508 psi)	-40°C to 100°C	Cejn 317 Rectus 17 Schrader Standard

ISO B12 Range

NOMINAL BORE	FLOW RATE @ 6 bar (0.5 bar P.D.)	MAXIMUM WORKING PRESSURE	TEMPERATURE RANGE	INTERCHANGEABLE
5.5 mm	1100 l/min	35 bar (508 psi)	-40°C to 100°C	Cejn 310 Hanson 3000 Legris 24 Rectus 23/24

KF Range

NOMINAL BORE	FLOW RATE @ 6 bar (0.5 bar P.D.)	MAXIMUM WORKING PRESSURE	TEMPERATURE RANGE	INTERCHANGEABLE
7.6 mm	2100 l/min	35 bar (508 psi)	-40°C to 100°C	Cejn 314/315 Nitto Kohki 200 Rectus 13

