

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.

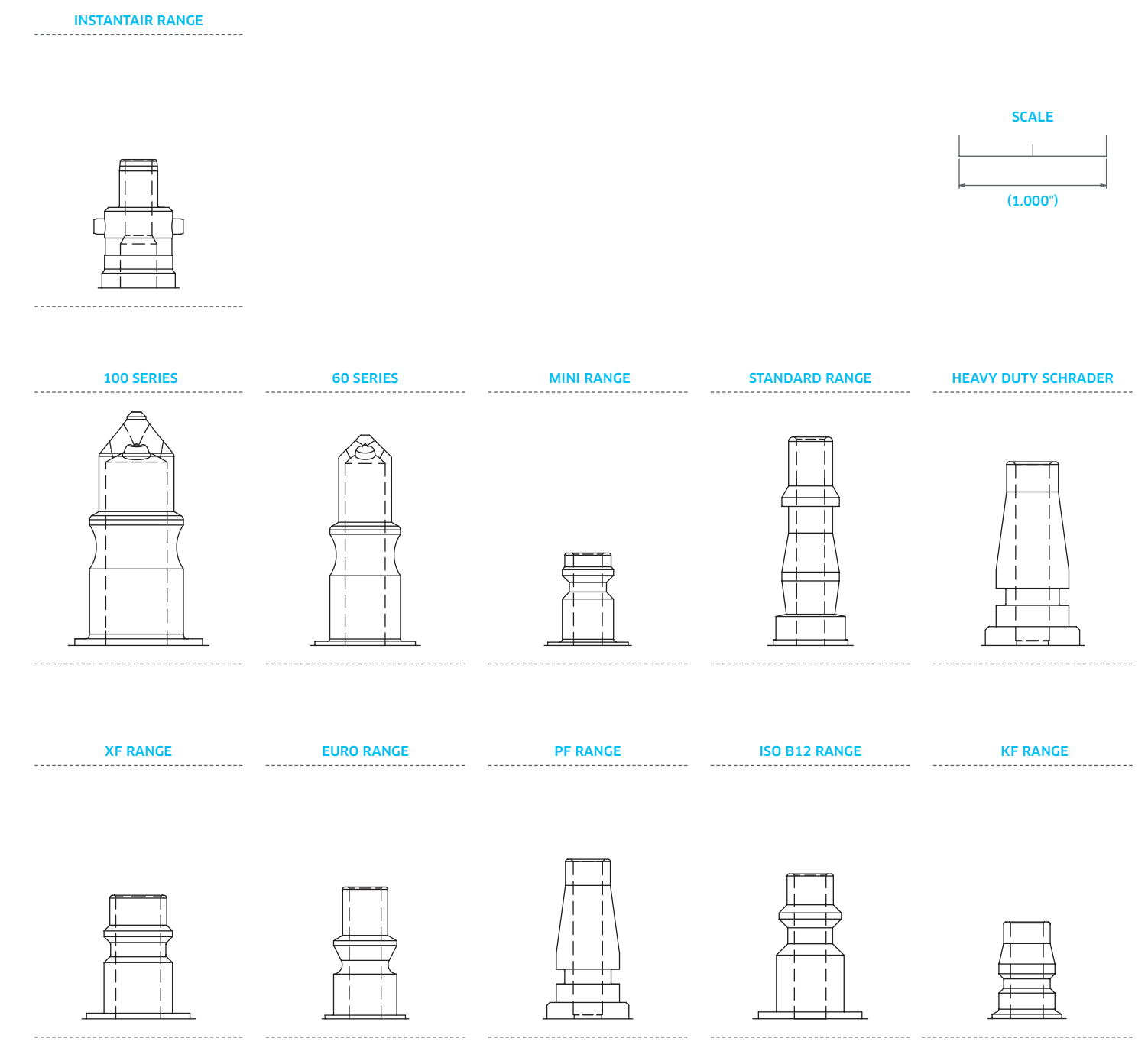
Today's range has developed into a world-leading collection of couplings designed for a variety of markets with common industry interchanges and Safety Couplings complementing the range.

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.



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DRIVEN BY AIR.



Couplings and Adaptors

Made in Sheffield and 100% individually tested for guaranteed reliability

DRIVEN BY AIR.



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 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



Euro 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

