Quick Couplings for Plastic Injection Moulding



Page Tech Sheet 20602

These couplings are designed to be connected with cooling systems of plastic injection mouldings. They have a particular structure that assures reduced size and allows coupling using a single hand.

Temperature and Pressures:

The working pressures and working temperatures depend on the type of tube used; therefore the values must be determined in accordance with the tubes features. The following values apply only to Aignep products.

- · Parallel gas in conformity with ISO 228.
- · Water, cooling water, oil.
- · Flexible tubes in plastic and rubber.

Maximum Working Pressure: 15 bar (1.5Mpa).



Working Temperature: -15°C to +110°C (when using identification collets 513

Working Temperature: 0°C to +200°C (when using without identification collets 513 and 523)

410-510 DN8 Series



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Hydraulics

Quick Release Couplings 412-1/4

Air Prep., Media, Monitor & Test

Pneumatics

Pneumatic

& Vacuum Equipment

Systems

Malleable

Hose, Tubing & Couplings

Clamps & Clips

Sprays & Adhesives

Blow Guns

Pressure Wash, Fuelling & Lubrication

Air Tools & Compressor Equipment

412 Straight Female Socket, BSPP



415 Straight Female Socket

To Suit Hose I.D. mm

8

10

12

10

with Hose Tail

416 135° Socket

0220

416-08

416-10

416-12

0220 415-08

415-10

415-12



£

5.40

5.00

5.40

£

6.75 6.75

418 90° Female Socket

0220	To Suit Hose I.D. mm	£
418-08	8	6.15
418-10	10	6.15
418-12	12	6.15



511 Female Plug, BSPP

}	£
1/8"	1.35
1/4"	1.35
3/8"	1.35
	1/4"



513 Collets to suit 511 Female Plugs

0220		£
513-RED	Red	0.40
513-BLUE	Blue	0.40

420-520 DN12 Series



422 Straight Female Socket, BSPP

0220		£
422-12	1/2"	7.65
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425 Straight Female Socket with Hose Tail

0220	To Suit Hose I.D. mm	£
425-13	13	7.75
425-16	16	7.90



521 Female Plug, BSPP

0220		\mathfrak{L}
521-38	3/8"	2.85
521-12	1/2"	2.85



523 Collets, to suit 521 Female Plugs

0220		£
523-RED	Red	0.40
523-BLUE	Blue	0.40

