



## Quick Couplings for Plastic Injection Moulding



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 & 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 Pressure:**  
15 bar (1.5Mpa).



**Temperature:** -15°C to +110°C  
(when using identification collets 513 & 523)

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

### 410-510 DN8 Series



412 Straight Female Socket, BSPP

0220		£
412-1/4	1/4"	4.50



415 Straight Female Socket with Hose Tail

0220	To Suit Hose I.D. mm	£
415-08	8	4.70
415-10	10	4.40
415-12	12	4.70



416 135° Socket

0220	To Suit Hose I.D. mm	£
416-08	8	5.90
416-10	10	5.90
416-12	12	5.90



418 90° Female Socket

0220	To Suit Hose I.D. mm	£
418-08	8	5.40
418-10	10	5.40
418-12	12	5.40



511 Female Plug, BSPP

0220		£
511-18	1/8"	1.15
511-14	1/4"	1.15
511-38	3/8"	1.15



513 Collets to suit 511 Female Plugs

0220		£
513-RED	Red	0.30
513-BLUE	Blue	0.30

### 420-520 DN12 Series



422 Straight Female Socket, BSPP

0220		£
422-12	1/2"	6.70



425 Straight Female Socket with Hose Tail

0220	To Suit Hose I.D. mm	£
425-13	13	6.80
425-16	16	6.95



521 Female Plug, BSPP

0220		£
521-38	3/8"	2.45
521-12	1/2"	2.45



523 Collets, to suit 521 Female Plugs

0220		£
523-RED	Red	0.30
523-BLUE	Blue	0.30

Hydraulics

Hydraulic QRC

Pneumatic QRC

Ind. Air Prep., Monitor & Test

KELM™ Pneumatics

Pneumatic & Vacuum Equipment

Valves

Ring Main Systems

Adaptors & Fittings

Stainless Steel

Malleable Iron

Hose, Tubing & Couplings

Clamps & Clips

Sprays & Adhesives

Blow Guns & Vacuum

Wash Down & Fuelling

Air Tools

Tools, Hardware & PPE