

Quick Couplings for Plastic Injection Moulding



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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 and 523)

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

410-510 DN8 Series



412 Straight Female Socket, BSPP



412-1/4

1/4"

5.15



418 90° Female Socket



418-08

8

6.15

418-10

10

6.15

418-12

12

6.15



415 Straight Female Socket with Hose Tail



415-08

8

5.40

415-10

10

5.00

415-12

12

5.40



511 Female Plug, BSPP



511-18

1/8"

1.35

511-14

1/4"

1.35

511-38

3/8"

1.35

420-520 DN12 Series



422 Straight Female Socket, BSPP



422-12

1/2"

7.65



425 Straight Female Socket with Hose Tail



425-13

13

7.75

425-16

16

7.90



521 Female Plug, BSPP



521-38

3/8"

2.85

521-12

1/2"

2.85



416 135° Socket



416-08

8

6.75

416-10

10

6.75

416-12

12

6.75



513 Collets to suit 511 Female Plugs



513-RED

Red

0.40

513-BLUE

Blue

0.40



523 Collets, to suit 521 Female Plugs



523-RED

Red

0.40

523-BLUE

Blue

0.40