

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.



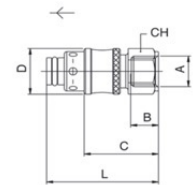
Maximum Pressure:
15 bar (1.5Mpa).



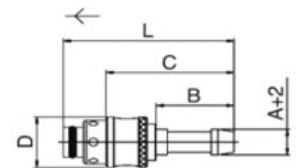
Temperature: -15°C to +110°C
(when using identification collets 513 & 523)
Temperature: 0°C to +200°C
(when using without identification collets 513 & 523)

410-510 DN8 Series

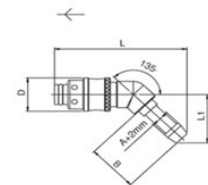
412 Straight Female Socket, BSPP						
Part number	A	B	C	D	L	CH
412-1/4	1/4"	11	30	20	47	17



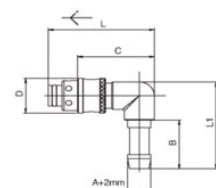
415 Straight Female Socket with Hose Tail					
Part number	A	B	C	D	L
415-08	8	27.5	45	20	62.5
415-10	10	27.5	45	20	62.5
415-12	12	33	50.5	20	68



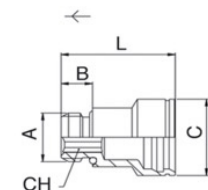
416 135° Socket					
Part Number	A	B	D	L	L1
416-08	8	27.5	20	72.5	28.5
416-10	10	27.5	20	73	29
416-12	12	33	20	77.5	33.5



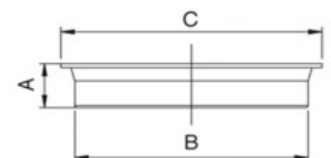
418 90° Female Socket						
Part Number	A	B	C	D	L	L1
418-08	8	27.5	39.5	20	57	49
418-10	10	27.5	39.5	20	57	49
418-12	12	33	39.5	20	57	55



511 Female Plug, BSPP					
Part Number	A	B	C	L	CH
511-18	1/8"	6	21	27.5	5
511-14	1/4"	8	21	29	8
511-38	3/8"	9	21	30	10

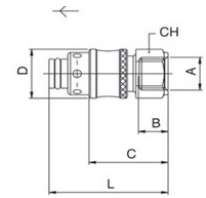


513 Collets to suit 511 Female Plugs			
Part Number	A	B	C
513-RED	4.5	22	24.5
513-BLUE	4.5	22	24.5

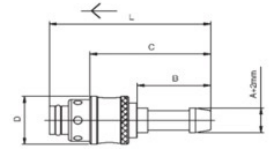


420-520 DN12 Series

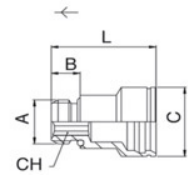
422 Straight Female Socket, BSPP						
Part Number	A	B	C	D	L	CH
422-12	1/2"	15	38.5	28	58	24



425 Straight Female Socket with Hose Tail					
Part Number	A	B	C	D	L
425-13	13	33	55	28	75
425-16	16	33	55	28	75



521 Female Plug, BSPP					
Part Number	A	B	C	L	CH
521-38	3/8"	9	32	37.5	10
521-12	1/2"	10	32	38	12



523 Collets, to suit 521 Female Plugs			
Part Number	A	B	C
523-RED	4.5	33	36
523-BLUE	4.5	33	36

