

Quick Couplings

1/4 MULTISOCKET



80190 Series

Pag. 17.3 - 17.7

STAINLESS STEEL AISI 316 L MULTISOCKET



83190 Series

Pag. 17.8 - 17.9

3/8 MULTISOCKET



80190 Series

Pag. 17.10 - 17.11

3/8 B-SOCKET - TOP FLOW



80720 Series

Pag. 17.12 - 17.13

AC MINI



80110 Series

Pag. 17.14 - 17.15

1/4 INDUSTRIAL INTERCHANGE



80120 Series

Pag. 17.16 - 17.17

3/8 INDUSTRIAL INTERCHANGE



80130 Series

Pag. 17.18 - 17.19

Safety Quick Couplings

SAFETY COUPLERS



80620 Series

Pag. 17.21 - 17.22

BUTTON SAFETY COUPLERS



8B120 Series

Pag. 17.23 - 17.24

WB 360 Series

BLOW GUNS



WB 360 Series

Pag. 17.27

QUICK DISCONNECT COUPLERS



Quick Couplings Series



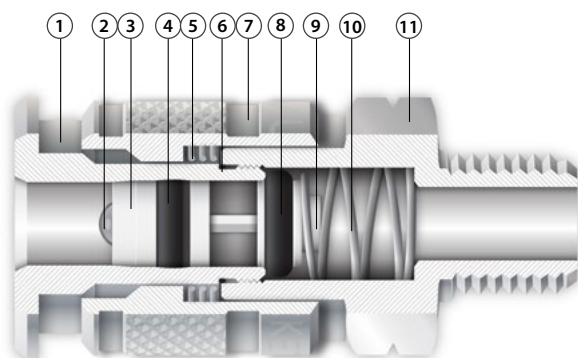
TECHNICAL CHARACTERISTICS



One socket for 3 different plugs

It's a fact that there are various Quick-Disconnect plugs available on the market today. In most cases, each plug needs a specific coupler that is not interchangeable.

To get around this issue, Aignep is proud to offer to its customers a practical and cost-effective solution. **MULTISOCKET** is a universal coupler that works with the 3 main types of QD plugs.



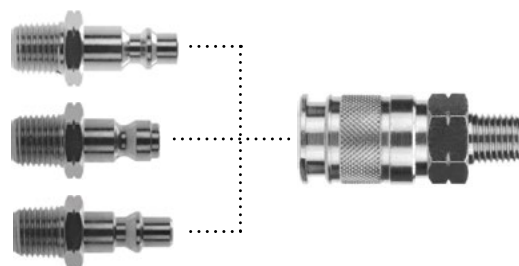
Standard Reference

1907/2006
REACH✓

2011/65/CE
RoHS✓

PED
2014/68/UE

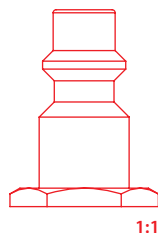
ISO
14743:2020

SILICON
FREE


Component Parts and Materials

- 1 Nickel Plated Brass Body
- 2 420 Stainless Steel Ball
- 3 Nickel Plated Brass Guide Ring
- 4 NBR O-Ring Seal
- 5 302 Stainless Steel Ring Nut Spring
- 6 NBR O-Ring Seal
- 7 Nickel Plated Brass Sleeve
- 8 NBR O-Ring Seal
- 9 Nickel Plated Brass Shutter
- 10 302 Stainless Steel Shutter Spring
- 11 Nickel Plated Brass Coupler

1/4 INDUSTRIAL

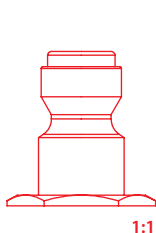


1:1



5.5 mm

1/4 TRU-FLATE

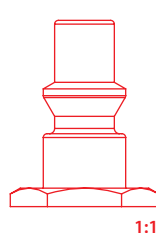


1:1



5 mm

1/4 ARO



1:1



5.5 mm



Pressure Rating

0 ~ 232 PSI
0 bar ~ 16 bar
0 MPa ~ 1.6 MPa

Maximum static pressure

507 PSI
35 bar
3.5 MPa



Flow Rate

CFM (NI/min)

Plug	87 psi Δ 14.5	87 psi Δ 7.2	87 psi Δ 0 (Exhaust Free)
1/4 IND.	38.8 (1100)	28.25 (800)	52.97 (1500)
TRU-FLATE	22.95 (650)	16.95 (480)	38.8 (1100)
ARO	45.9 (1300)	35.31 (1000)	58.27 (1650)



Temperatures

NBR

-4° F ~ 176° F
-20° C ~ 80° C

FKM on request

14° F ~ 392° F
-10° C ~ 200° C



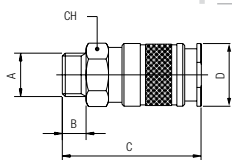
Media

- Compressed air
- For other fluids, consult Aignep's technical department.

1/4" MULTISOCKET

80191

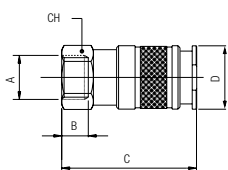
1/4" MALE NPTF



Code	Usa Ref	A NPTF	B	C	D	CH	Pack
80191 00 001	80191-04	1/4	.512 (13)	2.126 (54)	.945 (24)	.827 (21)	10
80191 00 002	80191-06	3/8	.512 (13)	2.126 (54)	.945 (24)	.827 (21)	10
80191 00 003	80191-08	1/2	.669 (17)	2.303 (58,5)	.945 (24)	.945 (24)	10

80192

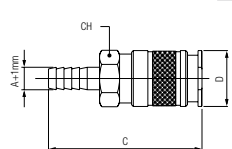
1/4" FEMALE NPTF



Code	Usa Ref	A NPTF	B	C	D	CH	Pack
80192 00 001	80192-04	1/4	.533 (13,5)	2.126 (54)	.945 (24)	.827 (21)	10
80192 00 002	80192-06	3/8	.533 (13,5)	2.126 (54)	.945 (24)	.827 (21)	10
80192 00 003	80192-08	1/2	.689 (17,5)	2.323 (59)	.945 (24)	.945 (24)	10

80195

1/4" BARB

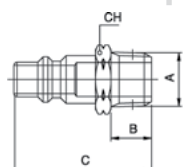


Code	Usa Ref	A	C	D	CH	Pack
80195 00 001	80193-04	1/4	2.382 (60,5)	.945 (24)	.827 (21)	10
80195 00 002	80193-06	3/8	2.402 (61)	.945 (24)	.827 (21)	10
80195 00 003	80193-08	1/2	2.402 (61)	.945 (24)	.866 (22)	10

1/4" INDUSTRIAL

80221

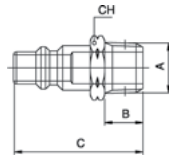
1/4" INDUSTRIAL MALE



Code	Usa Ref	A NPTF	B	C	CH	Pack
80221 00 01 03 NB	80221-04	1/4	.512 (13)	1.634 (41,5)	.669 (17)	10
80221 00 01 04 NB	80221-06	3/8	.512 (13)	1.634 (41,5)	.748 (19)	10
80221 00 01 05 NB	80221-08	1/2	.669 (17)	1.811 (46)	.866 (22)	10

80221AC

1/4" INDUSTRIAL MALE (STEEL)

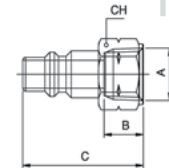


Code	Usa Ref	A NPTF	B	C	CH	Pack
80221 AC 51 03 ZI	80221AC-04	1/4	.512 (13)	1.634 (41,5)	.669 (17)	10
80221 AC 51 04 ZI	80221AC-06	3/8	.512 (13)	1.634 (41,5)	.748 (19)	10
80221 AC 51 05 ZI	80221AC-08	1/2	.669 (17)	1.811 (46)	.866 (22)	10

HARDENED STEEL

80222

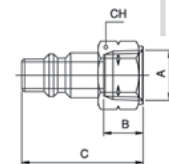
1/4" INDUSTRIAL FEMALE



Code	Usa Ref	A NPTF	B	C	CH	Pack
80222 00 01 03 NB	80222-04	1/4	.531 (13,5)	1.535 (39)	.669 (17)	10
80222 00 01 04 NB	80222-06	3/8	.531 (13,5)	1.535 (39)	.787 (20)	10
80222 00 01 05 NB	80222-08	1/2	.689 (17,5)	1.693 (43)	.944 (24)	10

80222AC

1/4" INDUSTRIAL FEMALE (STEEL)

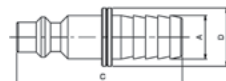


Code	Usa Ref	A NPTF	B	C	CH	Pack
80222 AC 51 03 ZI	80222AC-04	1/4	.531 (13,5)	1.535 (39)	.669 (17)	10
80222 AC 51 04 ZI	80222AC-06	3/8	.531 (13,5)	1.535 (39)	.866 (22)	10
80222 AC 51 05 ZI	80222AC-08	1/2	.689 (17,5)	1.693 (43)	.944 (24)	10

HARDENED STEEL

80225

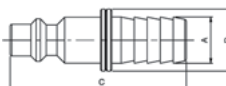
1/4" INDUSTRIAL BARB



Code	Usa Ref	A	C	D	Pack
80225 00 01 03 NB	80225-04	1/4	1.713 (43,5)	.472 (12)	10
80225 00 01 05 NB	80225-08	1/2	1.811 (46)	.629 (16)	10

80225AC

1/4" INDUSTRIAL BARB (STEEL)



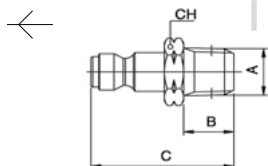
Code	Usa Ref	A	C	D	Pack
80225 AC 51 03 ZI	80225AC-04	1/4	1.713 (43,5)	.472 (12)	10

HARDENED STEEL

1/4" TRU FLATE

80291

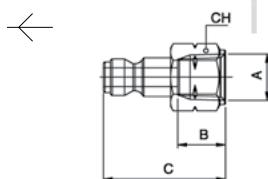
1/4" TRU-FLATE MALE



Code	Usa Ref	A NPTF	B	C	CH	Pack
80291 00 01 03 NB	80291-04	1/4	.512 (13)	1.457 (37)	.669 (17)	10
80291 00 01 04 NB	80291-06	3/8	.512 (13)	1.457 (37)	.748 (19)	10
80291 00 01 05 NB	80291-08	1/2	.669 (17)	1.634 (41,5)	.866 (22)	10

80292

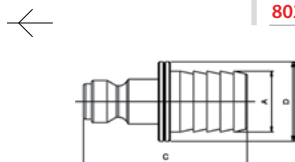
1/4" TRU-FLATE FEMALE



Code	Usa Ref	A NPTF	B	C	CH	Pack
80292 00 01 03 NB	80292-04	1/4	.531 (13,5)	1.358 (34,5)	.669 (17)	10
80292 00 01 04 NB	80292-06	3/8	.531 (13,5)	1.358 (34,5)	.787 (17)	10
80292 00 01 05 NB	80292-08	1/2	.689 (17,5)	1.516 (38,5)	.945 (24)	10

80295

1/4" TRU-FLATE BARB

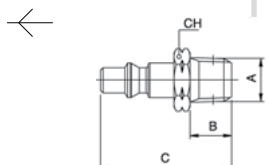


Code	Usa Ref	A	C	D	Pack
80295 00 01 03 NB	80295-04	1/4	1.634 (41,5)	.472 (12)	10
80295 00 01 04 NB	80295-06	3/8	1.634 (41,5)	.551 (14)	10
80295 00 01 05 NB	80295-08	1/2	1.634 (41,5)	.787 (20)	10

1/4" ARO

80271

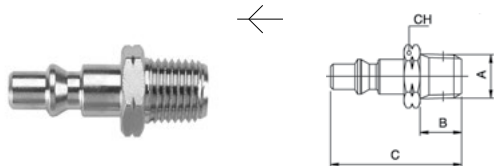
1/4" ARO MALE



Code	Usa Ref	A NPTF	B	C	CH	Pack
80271 00 01 03 NB	80271-04	1/4	.511 (13)	1.574 (40)	.669 (17)	10
80271 00 01 04 NB	80271-06	3/8	.511 (13)	1.574 (40)	.748 (19)	10
80271 00 01 05 NB	80271-08	1/2	.669 (17)	1.771 (45)	.866 (22)	10

80271AC

1/4" ARO MALE (STEEL)

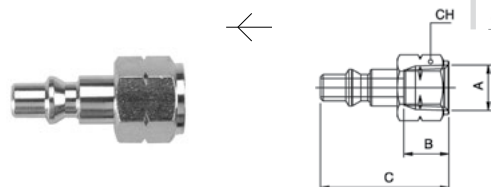


Code	Usa Ref	A NPTF	B	C	CH	Pack
80271 AC 51 03 ZI	80271AC-04	1/4	.511 (13)	1.574 (40)	.669 (17)	10

HARDENED STEEL

80272

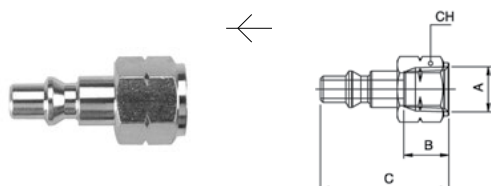
1/4" ARO FEMALE



Code	Usa Ref	A NPTF	B	C	CH	Pack
80272 00 01 03 NB	80272-04	1/4	.531 (13,5)	1.496 (38)	.669 (17)	10
80272 00 01 04 NB	80272-06	3/8	.531 (13,5)	1.496 (38)	.787 (20)	10
80272 00 01 05 NB	80272-08	1/2	.689 (17,5)	1.653 (42)	.945 (24)	10

80272AC

1/4" ARO FEMALE (STEEL)

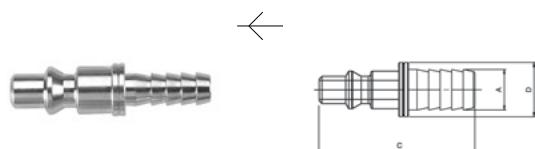


Code	Usa Ref	A NPTF	B	C	CH	Pack
80272 AC 51 03 ZI	80272AC-04	1/4	.531 (13,5)	1.496 (38)	.669 (17)	10

HARDENED STEEL

80275

1/4" ARO BARB



Code	Usa Ref	A	B	D	Pack
80275 00 01 03 NB	80275-04	1/4	1.673 (42,5)	.472 (12)	10
80275 00 01 05 NB	80275-08	1/2	1.791 (45,5)	.787 (20)	10

1/4" Basic size: Industrial									
AIGNEP	MILTON	AMFLO	ARO	COIL HOSE	DIXON	NAPA	PARKER	FOSTER	TOMCO
80192-04	715	C20-AU	MSCF22-000	150	DC20	90-670	B23	2803	M184
80191-04	716	C21	MSCM22-000	152	DC21	90-672	B22	2903	M181
80193-04	717	C20-42	MSCH22-000	153	DC2042	90-671	B20-3B	3603	M186
80193-06	717-6	C20-44	MSCH23-000		DC2044			3703	M187
80192-06	718	C20-23	MSCF23-000	151	DC2023	90-667	B23E	3203	M185
80191-06	719	C21-03	MSCM23-000	155	DC2103	90-657	B22E	3303	M182
80221-04	727	CP21	23902-210	1501	DCP21	90-674	H2C	10-3	1804
80222-04	728	CP20	23902-200	1502	DCP2021	90-676	H3C	11-3	1805
80222-06	732	CP20-23	23902-300	1505	DCP2023	90-659	H3C-E	15-3	1807
80221-06	733	CP21-03	23902-310	1503	DCP2103	90-677	H2C-E	14-3	1806
80223-04	736	CP21-42	23902-220	1506	DCP2142	90-673	H8C	16-3	1824
80223-06	736-6	CP21-44	23902-420	1508	DCP2144		H9C	17-3	1826
80192-04	745								UC2-16
80191-04	746								UC2-15
80192-04	755	C40B	MSCF22-X00		DCB20	90-615	B33		
80191-04	756	C41B	MSCM22-X00		DCB21	90-617	B32		
80193-04	1717-4	C20-42L	MSCP22-000				B20-3BP		
80193-06	1717-6	C20-44L	MSCP23-000				B20-5BP		
1/4" Basic size: ARO									
AIGNEP	MILTON	AMFLO	ARO	COIL HOSE	DIXON	NAPA	PARKER	FOSTER	TOMCO
80192-04	775	C38,C46	210	140	DC38	90-613	B53	210-3303	A100
80191-04	776	C37,C45	210-212		DC37		B50	210-3103	A101
80193-04	776-4	C38-42	210-022		DC3842	90-679	B50-3BP	210-3603	A104
80193-06	776-6	C38-44	210-215		DC3844		B50-5BP	210-3703	A105
80271-04	777	CP37	2608	1401	DCP37	90-618	A2C	210-10	200
80273-04	777-4	CP37-42	3946	1406	DCP3742		A8C	210-16	400
80273-06	777-6	CP37-44	22238		DCP3744			210-17	500
80272-04	778	CP38	2609	1402	DCP38	90-620	A3C	210-11	300
1/4" Basic size: TRU-FLATE									
AIGNEP	MILTON	AMFLO	ARO	COIL HOSE	DIXON	NAPA	PARKER	FOSTER	TOMCO
80291-04	783	CP1	TFPM22-000	1601	DCP1	90-628	2C	TF10	2154
80293-04	783-4	CP1-42	TFPH22-000	1606	DCP142	90-630	8C	TF16	2164
80293-06	783-6	CP1-44	TFPH23-000	1608	DCP143	90-626	9C	TF17	2166
80292-04	784	CP2	TFPH22-000	1602	DCP2	90-600	3C	TF11	2155
80192-04	785	C2	TFCF22-000	160	DC2	90-610	B13	TF3003	A2184
80191-04	786	C1	TFCM22-000	162	DC1	90-607	B12	TF3103	A2181
80193-04	786-4	C2-42	TFCH22-000	163	DC242	90-611	B10-3B	TF3603	A2186
80193-06	786-6	C2-44	TFCH23-000	166	DC244	90-609	B10-5B	TF3703	A2188
80192-06	788	C2-23	TFCF23-000					TF3203	A2185
80191-06	789	C1-03	TFCM23-000		DC103			TF3303	A2182
3/8" Basic size: Industrial									
AIGNEP	MILTON	AMFLO	ARO	COIL HOSE	DIXON	NAPA	PARKER	FOSTER	TOMCO
80195-06	1835	C26	MSCF33-000	580	DC26	90-680	25	4204	T420
80194-06	1836	C25	MSCM33-000	581	DC25	90-682	24	4304	T430
80195-08									T440
80194-08									T450
80231-06	1837	CP25	23903-310	5801	DCP25	90-683	H2E	42-4	T42
80232-06	1838	CP26	23903-300	5802	DCP26	90-681	H3E	43-4	T43
80231-08									T44
80232-08									T45
3/8" Basic size: TRU-FLATE									
AIGNEP	MILTON	AMFLO	ARO	COIL HOSE	DIXON	NAPA	PARKER	FOSTER	TOMCO
80195-06	1805	C6	TFCF33-000	590	DC6	90-654	15	5005	PT420
80194-06	1806	C5	TFCM33-000	591	DC5	90-656	14	5105	PT430
80281-06	1807	CP5	TFPM33-000	5901	DCP5	90-658	2E	TF42	PT42
80282-06	1808	CP6	TFPF33-000	5902	DCP6	90-660	3E	TF43	PT43