AIGNEP

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

Click here to view the Quick Couplings Series on our Website AIGNEP

AIGNEP

QUICK DISCONNECT COUPLERS

Quick Couplings Series

QC

TECHNICAL CHARACTERISTICS

Standard Reference

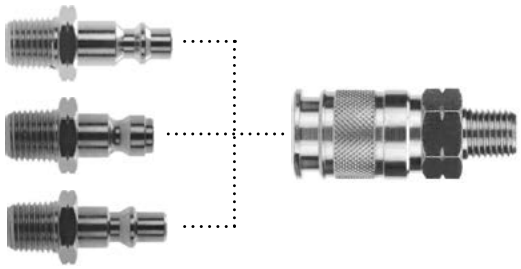
1907/2006 REACH | 2011/65/CE RoHS | PED 2014/68/UE | ISO 14743:2020 | SILICON FREE

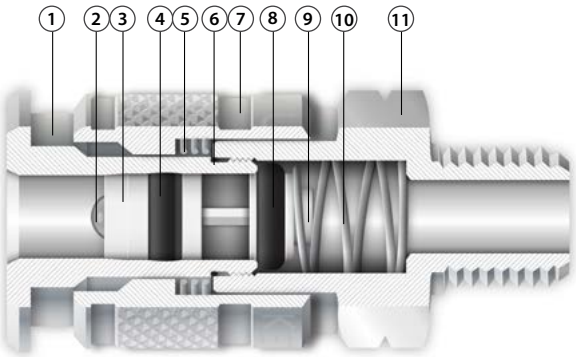
MULTISOCKET
Universal quick disconnect

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 of coupler that is not interchangeable.

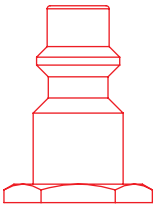
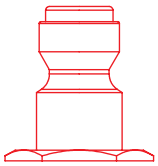
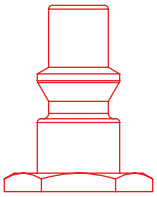
To get around this issue, Aignep is proud to offer to its customers a practical and cost-effective solution. **MULTISOCKET** is a universal coupler that works with the 3 main types of QD plugs.





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	1/4 TRU-FLATE	1/4 ARO
		
1:1	1:1	1:1
DN 5.5 mm	DN 5 mm	DN 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 (Nl/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
-4º F ~ 176º F
-20º C ~ 80º C

FKM *on request*
14º F ~ 392º F
-10º C ~ 200º C

Media

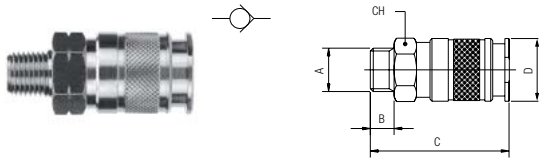
- Compressed air

For other fluids, consult Aignep's technical department.

1/4" MULTISOCKET

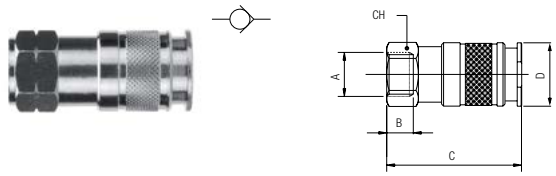
80191
1/4" MALE NPTF

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



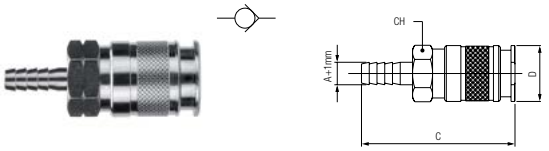
80192
1/4" FEMALE NPTF

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

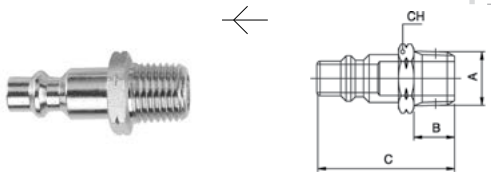
Code	Usa Ref	A	C	D	CH	Pack
80195 00 001	80193-04	1/4	2.382 (60,5)	.945 (24)	.827 (21)	10
80195 00 002	80193-06	3/8	2.402 (61)	.945 (24)	.827 (21)	10
80195 00 003	80193-08	1/2	2.402 (61)	.945 (24)	.866 (22)	10



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

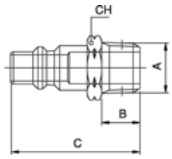


80221AC

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

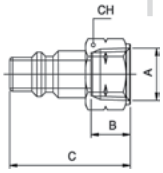
HARDENED STEEL



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

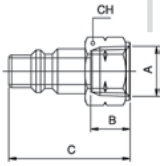


80222AC

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

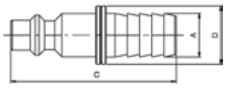
HARDENED STEEL



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	80223-08	1/2	1.811 (46)	.629 (16)	10

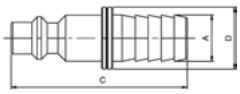


80225AC

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

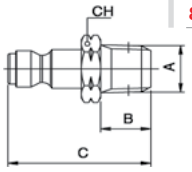
HARDENED STEEL



1/4" TRU FLATE

80291

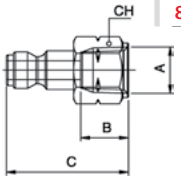
1/4" TRU-FLATE MALE



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

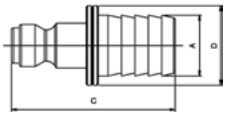
1/4" TRU-FLATE FEMALE



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

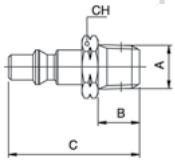


Code	Usa Ref	A	C	D	Pack
80295 00 01 03 NB	80295-04	1/4	1.634 (41,5)	.472 (12)	10
80295 00 01 04 NB	80295-06	3/8	1.634 (41,5)	.551 (14)	10
80295 00 01 05 NB	80295-08	1/2	1.634 (41,5)	.787 (20)	10

1/4" ARO

80271

1/4" ARO MALE



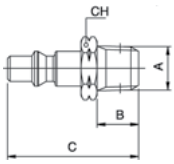
Code	Usa Ref	A NPTF	B	C	CH	Pack
80271 00 01 03 NB	80271-04	1/4	.511 (13)	1.574 (40)	.669 (17)	10
80271 00 01 04 NB	80271-06	3/8	.511 (13)	1.574 (40)	.748 (19)	10
80271 00 01 05 NB	80271-08	1/2	.669 (17)	1.771 (45)	.866 (22)	10

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

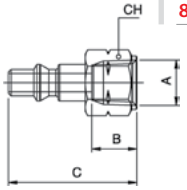
HARDENED STEEL



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

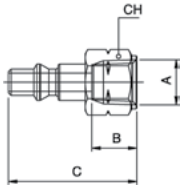


80272AC

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

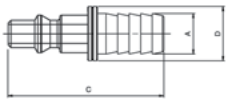
HARDENED STEEL



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