Quick Couplings

1/4 MULTISOCKET



80190 Series

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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

QUICK DISCONNECT COUPLERS



Quick Couplings Series

TECHNICAL CHARACTERISTICS

Standard Reference

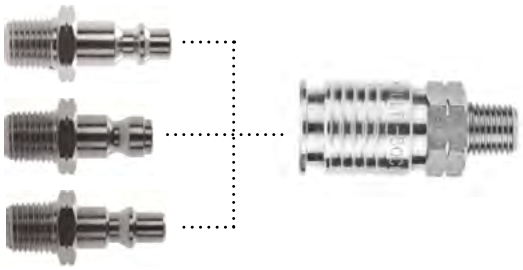
1907/2006 REACH ✓ | 2011/65/CE RoHS ✓ | PED 2014/68/UE | ISO 14743:2020 | SILICON FREE

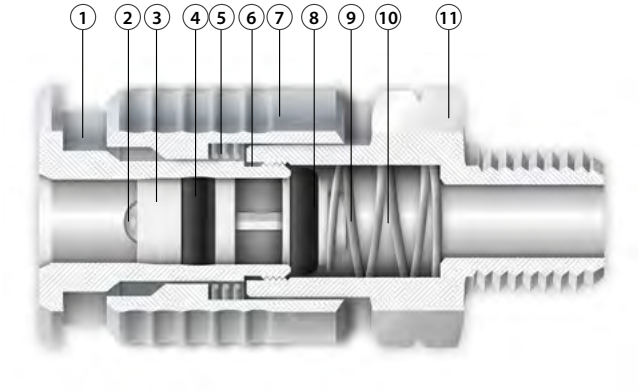
MULTISOCKET
Universal quick disconnect

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.

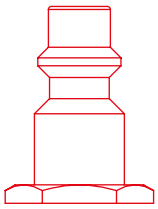
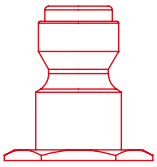
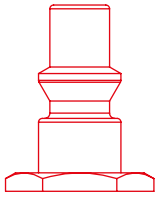
To get around this issue, Aignep is proud to offer to its customers a practical and cost-effective solution. **MULTISOCKET** is a universal coupler that works with the 3 main types of QD plugs.





Component Parts and Materials

1	316 stainless steel body
2	420 stainless steel ball
3	316 stainless steel guide ring
4	FKM O-ring seal
5	302 stainless steel ring nut spring
6	FKM O-ring seal
7	316 stainless steel sleeve
8	FKM O-ring seal
9	316 stainless steel shutter
10	302 stainless steel shutter spring
11	316 stainless steel 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 psi ~ 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)

Media

- Compressed air
- Fluid for food and chemical industry compatible with all components.

Temperatures

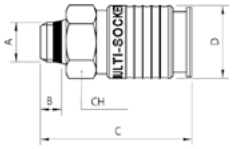
FKM
5 °F ~ 392 °F
-15 °C ~ 200 °C

83190

1/4" MALE SWIFTFIT - 316L

Code	Usa Ref	A	B	C	D	CH	Pack
83190 00 002	83190-04	1/4	.276 (7)	1.969 (50)	.945 (24)	.827 (21)	2
83190 00 003	83190-06	3/8	.295 (7.5)	1.988 (50.5)	.945 (24)	.827 (21)	2
83190 00 004	83190-08	1/2	.354 (9)	2.047 (52)	.945 (24)	.945 (24)	2



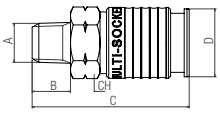


83191

1/4" MALE NPTF - 316L

Code	Usa Ref	A NPTF	B	C	D	CH	Pack
83191 00 001	83191-04	1/4	.512 (13)	2.087 (53)	.945 (24)	.827 (21)	2



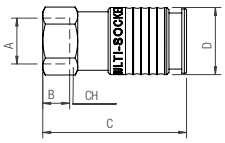


83192

1/4" FEMALE NPTF - 316L

Code	Usa Ref	A NPTF	B	C	D	CH	Pack
83192 00 002	83192-04	1/4	.531 (13.5)	2.067 (52.5)	.945 (24)	.827 (21)	10





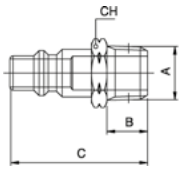
1/4" INDUSTRIAL

83221

1/4" INDUSTRIAL MALE NPTF - 316L

Code	Usa Ref	A NPTF	B	C	CH	Pack
83221 AX 44 03 00	83221-04	1/4	.512 (13)	1.634 (41.5)	.669 (17)	10





83222

1/4" INDUSTRIAL FEMALE NPTF - 316L

Code	Usa Ref	A NPTF	B	C	CH	Pack
83222 AX 44 03 00	83222-04	1/4	.531 (13.5)	1.535 (39)	.669 (17)	10



