

ACR Medium and high pressure Quick-Action Couplings

ABAC manufactures two lines of quick-action couplings, designed to connect and disconnect systems, hoses, instruments and other accessories. Screw-to-connect, no retention, they provide security and a large orifice, assuring high flow. Made of only 3 parts, eliminating leak points.

Manufactured entirely in **AINI316** stainless steel, with **Fluoroelastomer** backup ring and o'ring.

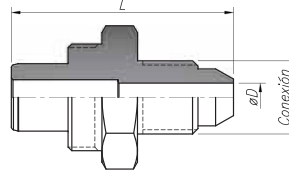
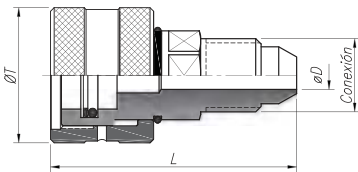
ACRU-ACRY Medium pressure Quick-Action Couplings – Line M up to 22.500 psi

The medium pressure M line is compatible with the majority of screw-to-connect quick-Action couplings in the market that are compliant with **ISO 14540 – Size 10**. Built with silver plated nuts to avoid seizing. Orifice up to 10mm and 22.500 psi.



ACRU Model

ACRY Model



ACRU Line M Medium Pressure High Flow Quick-Action Couplings - Female (cylinder)

Connection	Model	Dimensions [mm]			máx pressure [psi]
		L	ØT	ØD	
1/4" NPT M	ACRU-2-NPT M	60	38	7	15.000
3/8" NPT M	ACRU-3-NPT M	59	38	7	15.000
1/2" NPT M	ACRU-4-NPT M	63	38	10	15.000
3/4" NPT M	ACRU-6-NPT M	63	38	10	10.000
3/8" MU M	ACRU-3-MU M	64	38	5	22.500
9/16" MU M	ACRU-5-MU M	70	38	8	22.500
1/4" AU M	ACRU-2-AU M	59	38	2.5	22.500
9/16" AU M	ACRU-5-AU M	91	38	6.35	22.500
3/4" Type M	ACRU-6-T M	60	38	7.75	22.500

ACRY Line M Medium Pressure High Flow Quick-Couplings – Male (Hose)

Connection	Model	Dimensions [mm]		máx pressure [psi]
		L	ØT	
1/4" NPT M	ACRY-2-NPT M	52	7	15.000
1/4" NPT H	ACRY-2-NPT H	48	7	15.000
3/8" NPT M	ACRY-3-NPT M	48	10	15.000
3/8" NPT H	ACRY-3-NPT H	48	10	15.000
1/2" NPT M	ACRY-4-NPT M	55	10	15.000
1/2" NPT H	ACRY-4-NPT H	50	10	15.000
3/4" NPT M	ACRY-6-NPT M	57	10	10.000
3/4" NPT H	ACRY-6-NPT H	53	10	10.000
3/8" MU M	ACRY-3-MU M	57	5	22.500
3/8" MU H	ACRY-3-MU H	47	5	22.500
9/16" MU M	ACRY-5-MU M	62	8	22.500
9/16" MU H	ACRY-5-MU H	50	8	22.500
1/4" AU M	ACRY-2-AU M	51	2.5	22.500
1/4" AU H	ACRY-2-AU H	45	2.5	22.500
9/16" AU M	ACRY-5-AU M	64	6.35	22.500
9/16" AU H	ACRY-5-AU H	50	6.35	22.500
3/4" Type M	ACRY-6-T M	52	7.75	22.500

ACRH High pressure Quick-Action Couplings – Line H up to 30.000 psi

High pressure quick-action couplings up to 30.000 psi.

Extremely reliable and tested.

Suitable for instrumentation, where a large flow is not necessary.

They are provided in assemblies with different combination of AU connections.



Cone & Thread High Pressure AU	Connections		Model	Dimensions [mm]			Max. Pressure [psi]
	R1	R2		L	ØT	ØD	
	1/4" AU M	1/4" AU M	ACRH 2 MM	82.5	31.7	2.5	30.000
1/4" AU M	1/4" AU H	ACRH 2 MH	80	31.7	2.5	30.000	
3/8" AU M	3/8" AU M	ACRH 3 MM	95.5	31.7	3.2	30.000	
3/8" AU M	3/8" AU H	ACRH 3 MH	92.5	31.7	3.2	30.000	
9/16" AU M	9/16" AU M	ACRH 5 MM	111.7	44.4	5	30.000	
9/16" AU M	9/16" AU H	ACRH 5 MH	100.7	44.4	5	30.000	

