



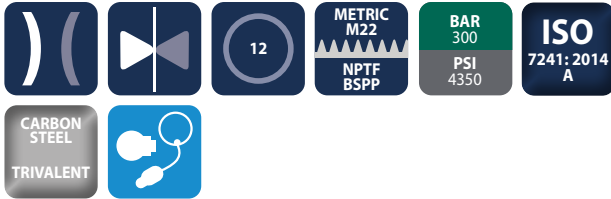
Connect under pressure female couplings (Connects to 1/2" ISO A male probes)

IAP Series



INTRODUCTION

Holmbury's IAP Series ISO A female couplings are designed primarily for the agricultural industry and incorporate a push-pull design with connect under pressure feature. The coupling can be either panel mounted using circlip grooves or manifold mounted.



CONSTRUCTION

- Carbon steel with trivalent plating
- Fitted with Nitrile seals
- Available with either a short or long body

FEATURES

- Can be connected with residual pressure in the line (male side only)
- Can be connected with standard ISO A 1/2" male couplings (Made to the ISO 7241:2014 Series A Standard)
- Release mechanism protects coupling and hose from damage in event of accidental separating force
- Locking ball system allows quick connection
- Bidirectional flow

ACCESSORIES

- Dust plugs are available for the IAP Series

SPECIFICATIONS

- Operating temperatures (with Nitrile seals):
-40°C (-40°F) to 106°C (223°F)

APPLICATIONS

- Agricultural
- Mobile
- Construction
- General hydraulics

*Please specify whether you require short or long body when ordering

IAP PERFORMANCE CHARACTERISTICS

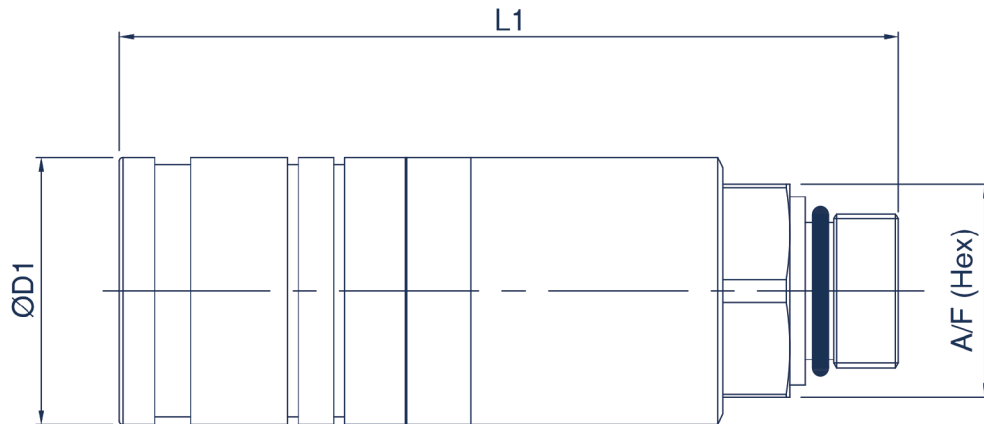
Body Size	IAP12	
	Pressure in bar - Flow in LPM	Pressure in PSI - Flow in GPM
Maximum working pressure (Coupled)	300	4350
	Burst pressure (Coupled)	1000 14500
Burst pressure (Female)	1000	14500
	Rated flow	45 12

PLUGS ACCESSORIES

FEMALE PLUGS

IA12-F-PLUG

Standard colour is red pvc, other colours available upon request



IAP FEMALE COUPLING

Body Size	Part Number	Thread Size	D1		L1		A/F	
			mm	inch	mm	inch	mm	inch
12 (1/2)	IAP12-F-08G	1/2 BSPP	38.0	1.50	107.0	4.21	27.0	1.06
	IAP12-F-08N	1/2 NPTF	38.0	1.50	107.0	4.21	27.0	1.06
	IAP12-F-M22X1.5M	M22X1.5	38.0	1.50	99.0	3.90	32.0	1.26
	IAP12-F-M22X1.5M-L	M22X1.5	38.0	1.50	111.0	4.37	32.0	1.26

For all other configurations or thread types please contact the sales office.