



# P SERIES

## PUSH PULL COUPLINGS TO ISO A SPECIFICATION



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### INTRODUCTION

Holmbury Push Pull Female Couplers meet the ISO 7241-1 type A design criteria and are intended for any application where the hydraulic hose could be subjected accidentally to excessive force. The design is such that when pulled, the couplings will separate automatically - in order to minimize the risk of hose line rupture or coupling damage. Typical applications include attachments, trailers and agricultural equipment. It is used with the standard 1/2" male IA Series coupler.

### FEATURES

- The female has to be panel mounted using the sleeve; circlip grooves are provided. This allows the coupling to separate when the hose is exposed to excessive force.
- Also available with Ball Valve to mate to 1/2" male DINB Series coupler.

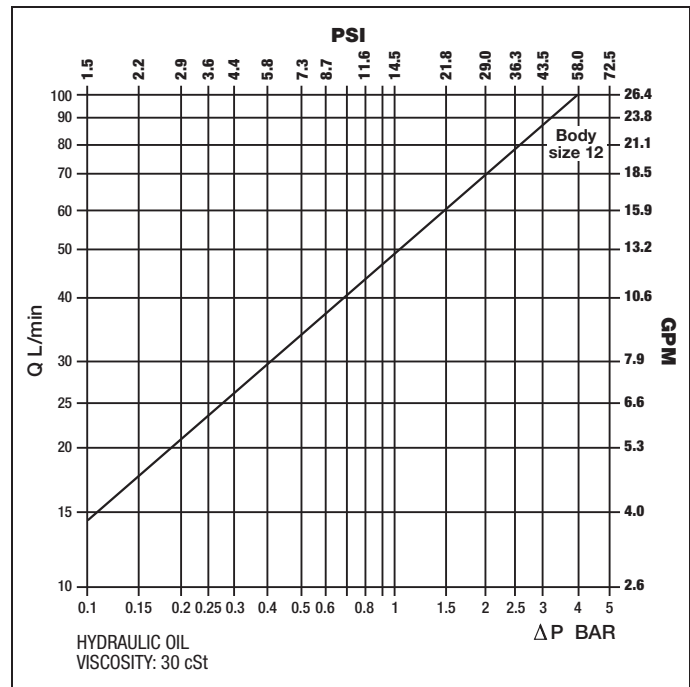
### CONSTRUCTION

Zinc plated carbon steel body material with nitrile seals and PTFE backing ring.

### SPECIFICATIONS

- Maximum working pressure: 250 bar (3,265 psi).
- Operating temperature: -20°C (-4°F) to 100°C (212°F).

### Pressure Drop Characteristics



### Order Codes

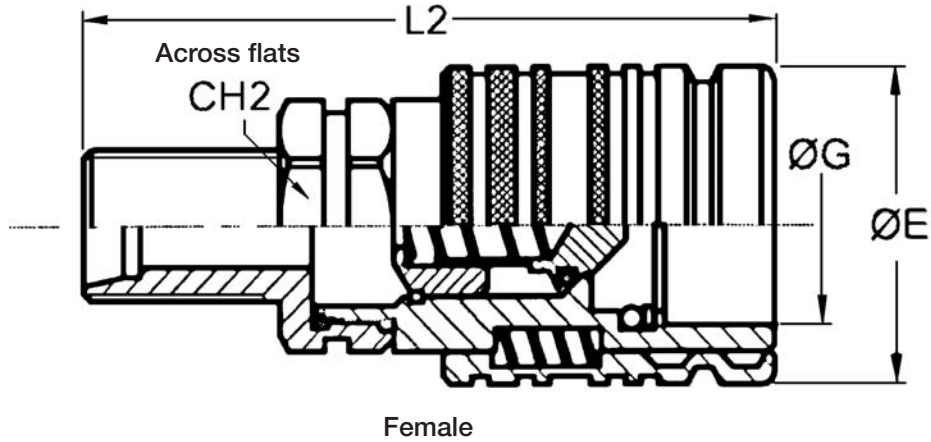
<b>P</b>		<b>12</b>		<b>- F -</b>		<b>18</b>		<b>M</b>		<b>M -</b>		<b>B</b>	
<b>P =</b> Push Pull Series		<b>Body Size</b> 12 = 1/2"		<b>Gender</b> F = Female Coupler		<b>Thread size based on dash system</b> 06 = 1/4"      18 = 18mm 08 = 3/8"      22 = 22mm 10 = 5/8"		<b>Blank =</b> Poppet Valve <b>B =</b> Ball Valve		<b>Thread Gender</b> Blank = Female M = Male		<b>Thread Type</b> G = BSPP N = NPTF (standard) M = Metric S = SAE	

Note: Not all thread types and sizes are available as stock items. Minimum order quantity may be required. Consult factory for details.



**Holmbury**

**P SERIES, PUSH PULL COUPLINGS TO ISO A SPECIFICATION**



Female

**Dimensions**

*(Female Coupling with Male Thread) per drawing*

Order Code	Thread Size	E	G	CH2	L2
		Dimensions in millimeters			
		Dimensions in inches			
P12-F-06GM	3/8" BSPP	38	23.9	27	
		1.50	0.94	1.06	
P12-F-08GM	1/2" BSPP	38	23.9	27	
		1.50	0.94	1.06	
P12-F-10GM	5/8" BSPP	38	23.9	27	
		1.50	0.94	1.06	
P12-F-18MM	18 x 1.5	38	23.9	27	84
		1.50	0.94	1.06	3.31
P12-F-22MM	22 x 1.5	38	23.9	27	84
		1.50	0.94	1.06	3.31
P12-F-22MM-S	22 x 1.5 Short	38	23.9	27	72
		1.50	0.94	1.06	2.83

**Dimensions**

*(Female Coupling with Female Thread-not pictured)*

Order Code	Thread Size	E	G	CH2	L2
		Dimensions in millimeters			
		Dimensions in inches			
P12-F-08G	1/2" BSPP	38	23.9	27	63.5
		1.50	0.94	1.06	2.50
P12-F-08N	1/2" NPTF	38	23.9	27	63.5
		1.50	0.94	1.06	2.50
P12-F-08N-B	1/2" NPTF	38	23.9	27	63.5
		1.50	0.94	1.06	2.50
P12-F-08S	3/4"-16 UNF	38	23.9	30	74
		1.50	0.94	1.18	2.91
P12-F-10S	7/8" x 14 UNF	38	23.9	30	74
		1.50	0.94	1.18	2.91
P12-F-18M	18 x 1.5mm	38	23.9	30	73
		1.50	0.94	1.18	2.87
P12-F-22M	22 x 1.5mm	38	23.9	30	73
		1.50	0.94	1.18	2.87

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Inches=mm/25.4

**IA Series  
Dust Cap**

*For more information on dust caps  
and order information, see page 38*



Sizes listed are for reference only and are subject to change.