

# H90 SERIES

## 90 degree flat face couplings made to the ISO 16028 Standard

### INTRODUCTION

Holmbury's H90 Series is designed for use in applications that require a 90° elbow in the hydraulic circuit, such as digger booms. The right angle design allows for easy mounting without the need for additional fittings, reducing potential leakage paths and cost.

### CONSTRUCTION

- Carbon steel with zinc nickel plating (1200 hours with no red rust in salt spray tests)
- Fitted with Nitrile seals

### FEATURES

- The H90 Series is designed to connect with the HQ and HCP Series flat face couplings
- 90 degree elbow incorporated into the coupling
- Flat faces are easily wiped clean
- Allows for minimal inclusion of air and contaminants during connection
- Flat face design prevents fluid loss during disconnection
- Bidirectional flow

### ACCESSORIES

- Dust Caps and Plugs are available for the H90 Series



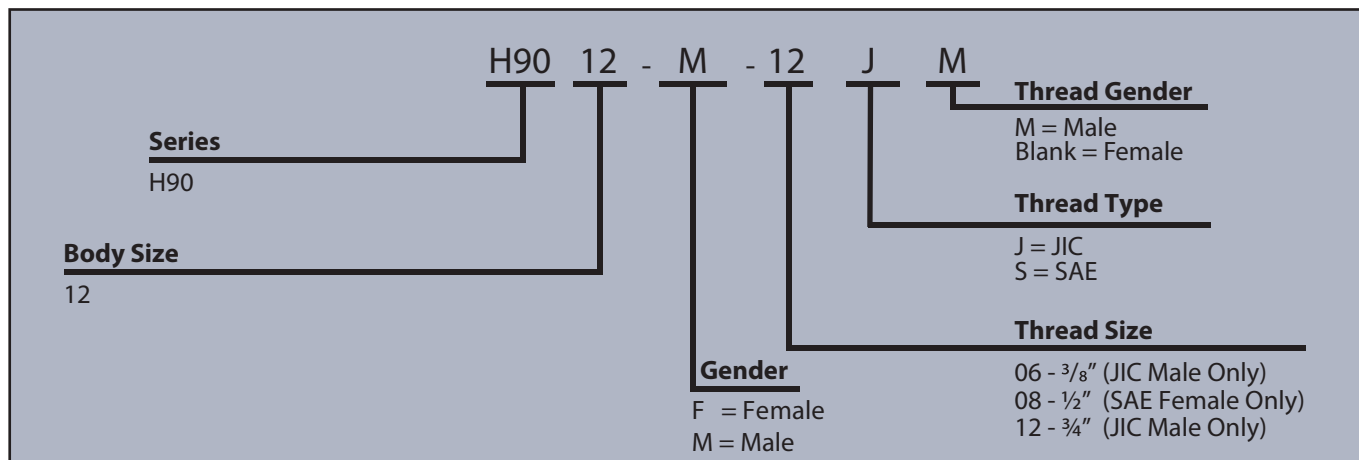
### SPECIFICATIONS

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

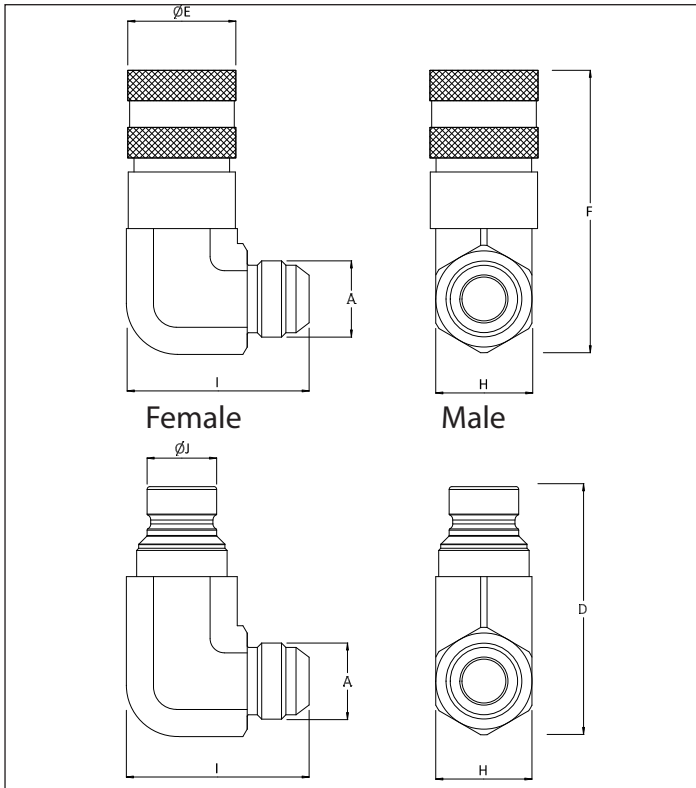
### APPLICATIONS

- Hammer circuits
- High pressure pulse applications
- Leak free environments
- Construction plant, mobile equipment, general industrial, nuclear, mining and agricultural industries

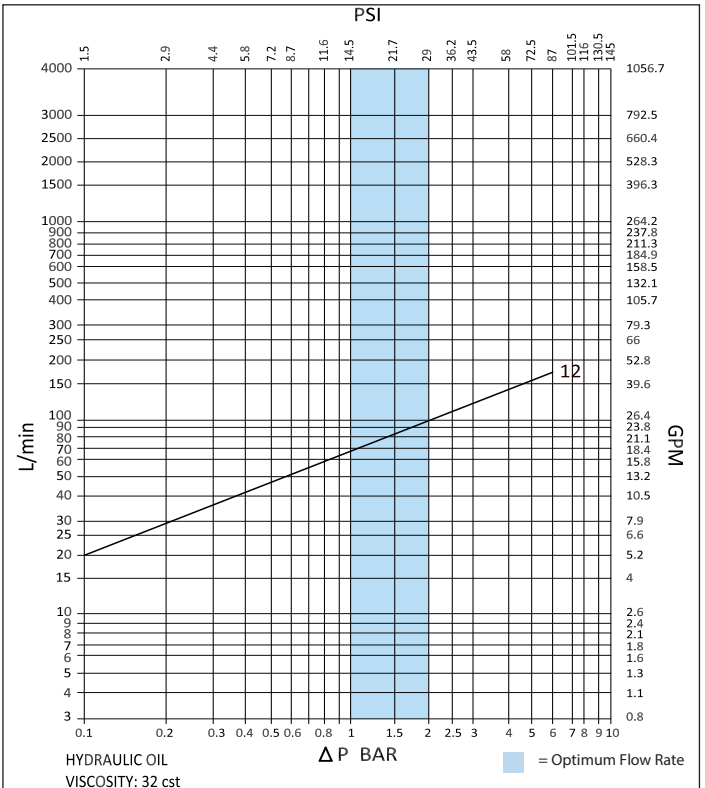
### ORDER CODES



## DRAWING



## PRESSURE DROP CHARACTERISTICS



## DIMENSIONS

Size	Thread Size (A)	D	ØE	F	H	I	ØJ	Maximum Working Pressure	Burst Pressure (Male)	Burst Pressure (Female)
		Dimensions in mm						Bar		
		Dimensions in Inches						Psi		
H12	08 SAE	88.0	38.0	100.5	34.0	44.0	24.5	350	1050	1000
		3.5	1.5	4.0	1.3	1.7	1.0	5075	15225	14500
H12	06 JIC	88.0	38.0	100.5	34.0	56.0	24.5	350	1050	1000
		3.5	1.5	4.0	1.3	2.2	1.0	5075	15225	14500
H12	12 JIC	88.0	38.0	100.5	34.0	64.0	24.5	350	1050	1000
		3.5	1.5	4.0	1.3	2.5	1.0	5075	15225	14500

PSI= Bar x14.5 Inches= mm/25.4

