

FLAT FACE COUPLINGS

HBC & HBT SERIES

BULKHEAD MOUNTED FLAT FACE COUPLINGS

INTRODUCTION

Firmly mounting a coupling on a bulkhead or bracket has numerous benefits - the installation is tidier, more secure, less prone to vibration damage, etc. To meet the demands from OEMs for bulkhead mounting couplings, Holmbury offers two alternatives: HBC Series couplings which are retained with circlips. HBT Series couplings which have threaded bodies and are retained with nuts and lock washers. By using a male and female Bulkhead Mounting Coupling for flow and return, the possibility of an operator inadvertently cross coupling the hose lines is eliminated.

MATING COUPLINGS

HBC & HBT Series Couplings will connect with H and HQ Series flat face couplings.

OPERATION

Bulkhead Mounted Male

Wipe the mating surfaces clean, push the female half onto the male, twist the sleeve and the coupling is locked. To release, align the ball and notch, pull back sleeve and the coupling springs apart.

Bulkhead Mounted Female

Wipe the mating surfaces clean, push male into female. To release, just pull the male firmly and the coupling will spring apart.

NOTE: Bulkhead mounted females must be piped with flexible hose to allow the body to move backwards during connection.

MATERIALS

Zinc plated steel, PTFE and nitrile seals.

PRESSURE RATINGS

Size	Max working pressure coupled (bar)	Burst pressure coupled (bar)	Burst pressure male (bar)	Burst pressure female (bar)
06	300	1200	1200	600
10	300	1200	1200	600

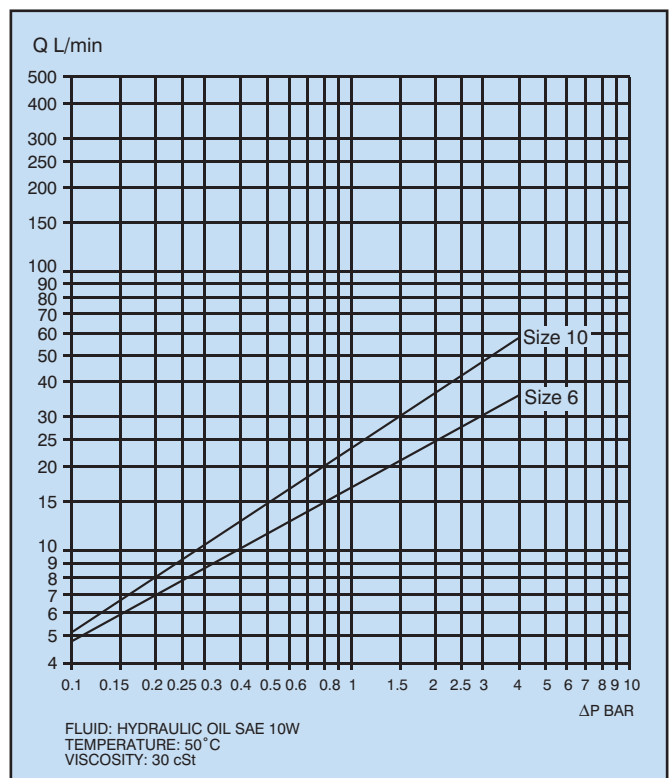
For larger sizes please contact the Holmbury Technical Sales Office.



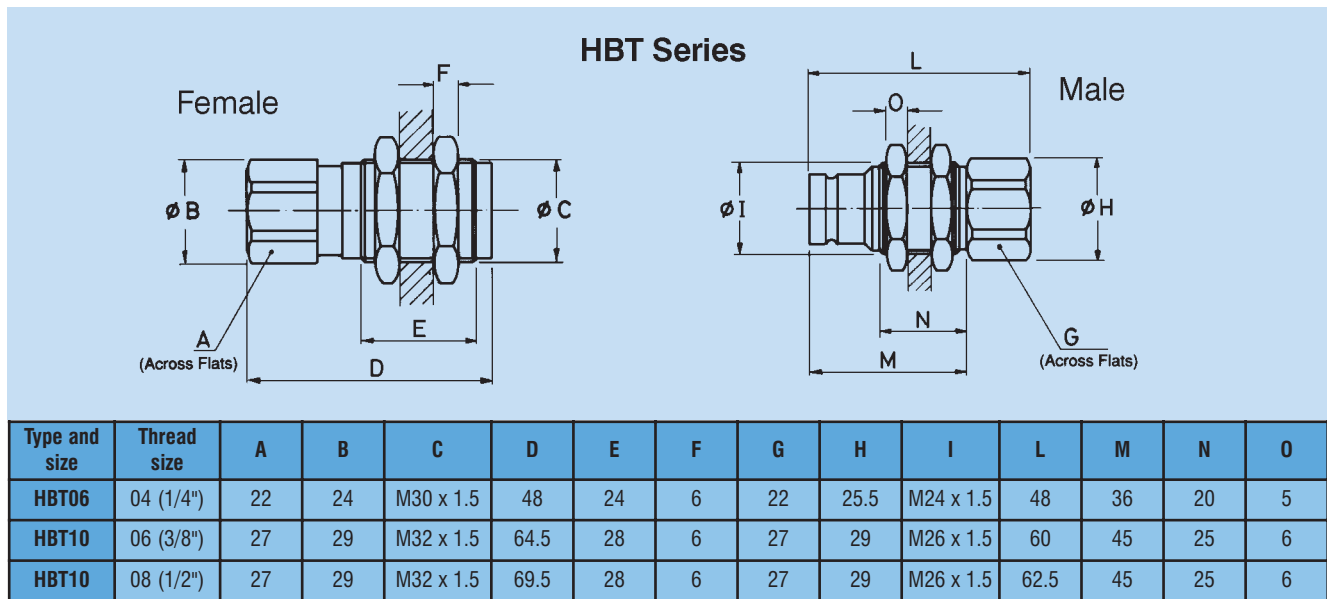
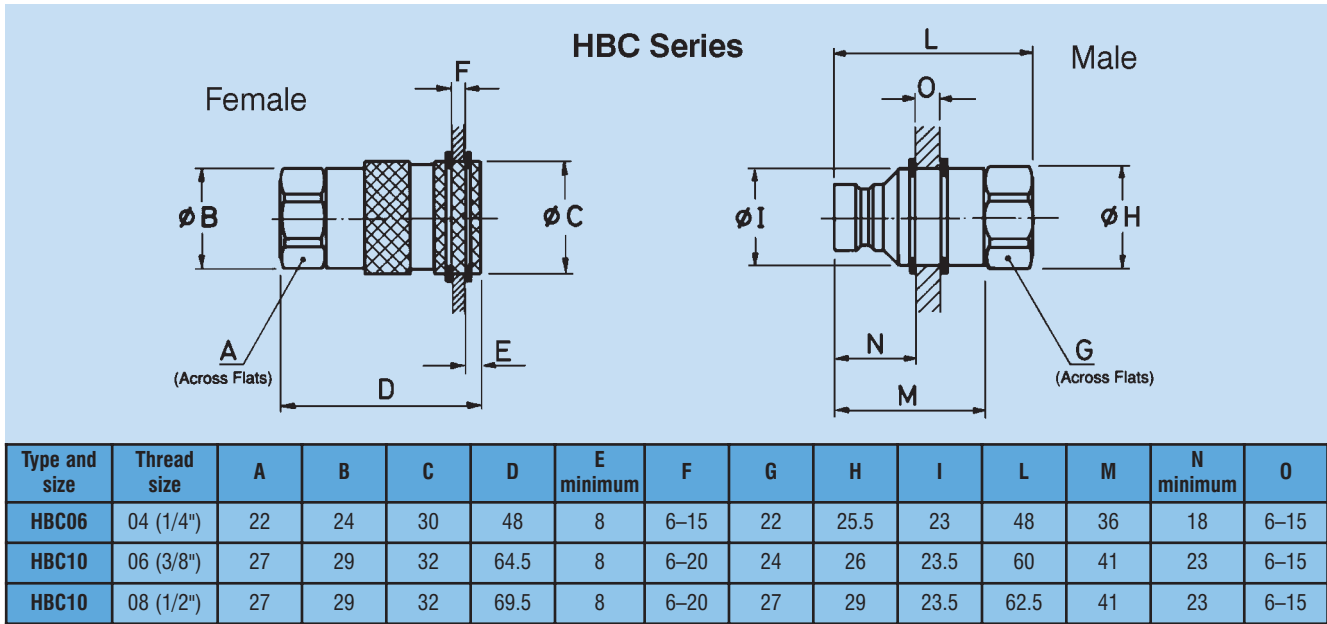
ABOVE: HBC Series BELOW: HBT Series



PRESSURE DROP CHARACTERISTICS



BULKHEAD MOUNTED, FLAT FACE COUPLINGS



ORDER CODES

<p style="text-align: center; font-weight: bold;">HBT 06 - F - 04 G</p> <p>HBC = circlip fixing HBT = threaded body</p> <p>Coupling Size 06 or 10</p> <p>M = Male coupling F = Female coupling</p> <p>Thread size based on dash system 04 = 1/4" 06 = 3/8" 08 = 1/2"</p>	<p style="text-align: center;">Any other necessary information</p> <p style="text-align: center;">Blank = Nitrile seals</p> <p>M = Male thread F = Female thread Blank = female thread</p> <p>Thread form G = BSP P N = NTP F S = SAE</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>Example: HBT06-F-04G Bulkhead mounting female coupling, with threaded body for nut and lock nut retention, size 06, 1/4" BSP female thread, nitrile seals</p> </div>
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