

# TRAILER BRAKE COUPLINGS

## TBM & TBF SERIES

### ISO 5676

#### INTRODUCTION

Trailer Brake Couplings are manufactured to ISO 5676.

They are used to connect the hydraulic braking system of tractors to their trailers. The male coupling is normally panel mounted on the tractor and is available with metric and BSP threads.

#### APPLICATIONS

Agricultural tractors and trailers.  
Hydraulic brake systems

#### MATERIALS

Trivalent plated carbon steel body material with nitrile seals.

#### TECHNICAL DETAILS

Maximum working pressure for all sizes of couplings is 220 bar.  
Working temperature range with nitrile seals is  $-40^{\circ}\text{C}$  to  $+106^{\circ}\text{C}$

#### PARKING STATIONS

To help avoid accidental damage and provide a storage location,  
Parking Stations are supplied as standard with each female coupling.

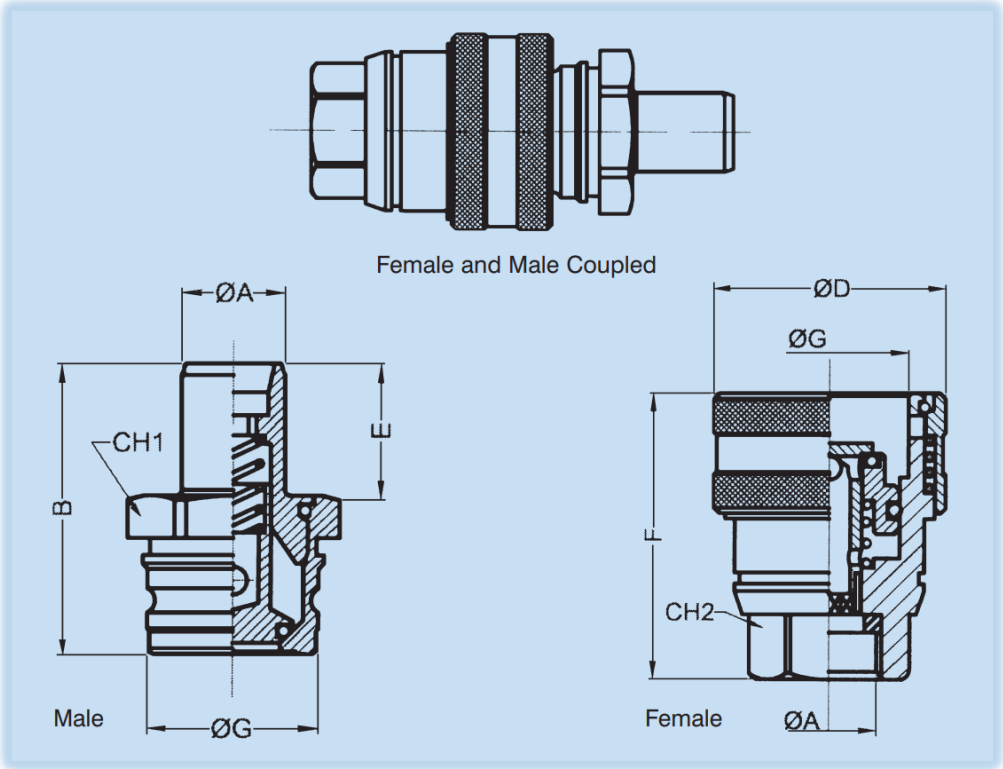
Additional Parking Stations can be ordered separately  
(Part code: TBP-08)



Performance Characteristics	Coupler Size	
	1/2"	
Maximum Working Pressure (Coupled)	220 Bar	3190 PSI
Burst Pressure (Coupled)	900 Bar	13050 PSI
Burst Pressure (Male)	1110 Bar	16095 PSI
Burst Pressure (Female)	900 Bar	13050 PSI
Rated Flow	45 L/min	12 GPM



## Dimensions



### Male Coupler (TBM)

Part Number	ØA (thread)	B	CH1	ØG	E
TBM-BPF-08	1/2" BSPP F	55.5	30	29	27.5
TBM-BPM-08	1/2" BSPP M	48	32	29	20

Other threads available on request

### Female Coupler (TBF)

Part Number	ØA (thread)	F	CH2	ØG	ØD
TBF-BPF-08-INCL PARK	1/2" BSPP F	55.5	27	29	44

Supplied with park station

All dimensions in mm unless otherwise stated. Dimensions shown are for guidance only, if critical contact FC staff.

✓ The right connector  
✓ The right price

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