AG

Poppet seal couplings made to the ISO 5675 Standard*

DINB, DNBZ Series

INTRODUCTION

Holmbury's DINB Series couplings are designed with a ball valve for quick connection and disconnection. They are interchangeable with the ISO A couplings in sizes 1/2" and 3/4".

06-25 | 1/4"-1" | BSPP NPTF SAE | BAR 350 PSI 5075 | ISO 5675

CARBON STEEL TRIVALENT | CARBON STEEL ZINC NICKEL

CONSTRUCTION

- Carbon steel with trivalent plating, also available in zinc nickel
- Fitted with NBR seals
- Also available in poppet valve design (See DINV Series)

FEATURES

- Ball valves have balanced springs
- Locking ball system allows quick connection
- Bidirectional flow

ACCESSORIES

- Dust caps, plugs and seal kits are available for the DINB Series

SPECIFICATIONS

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

APPLICATIONS

- Agricultural
- Mobile
- Construction
- General hydraulics

DINB, DNBZ PERFORMANCE CHARACTERISTICS

Body Size	DINB06	DINB10	DINB12	DINB19	DINB25
	Pressure in bar - Flow in LPM				
	Pressure in PSI - Flow in GPM				
Maximum working pressure (Coupled)	350	300	275	275	250
	5075	4350	3987	3987	3625
Burst pressure (Coupled)	1550	1400	1250	1150	1050
	22475	20300	18125	16675	15225
Burst pressure (Male)	1550	1250	1200	1050	950
	22475	18125	17400	15225	13775
Burst pressure (Female)	1550	1250	1200	1050	950
	22475	18125	17400	15225	13775
Rated flow	3	23	45	106	189
	0.8	6.1	12	28	50

* 1/2 Only.

CAPS/PLUGS ACCESSORIES

FEMALE PLUGS	MALE CAPS
DIN06-F-PLUG	DIN06-M-CAP
DIN10-F-PLUG	DIN10-M-CAP
DIN12-F-PLUG	DIN12-M-CAP
DIN19-F-PLUG	DIN19-M-CAP
DIN25-F-PLUG	DIN25-M-CAP

Standard colour is red pvc, other colours available upon request

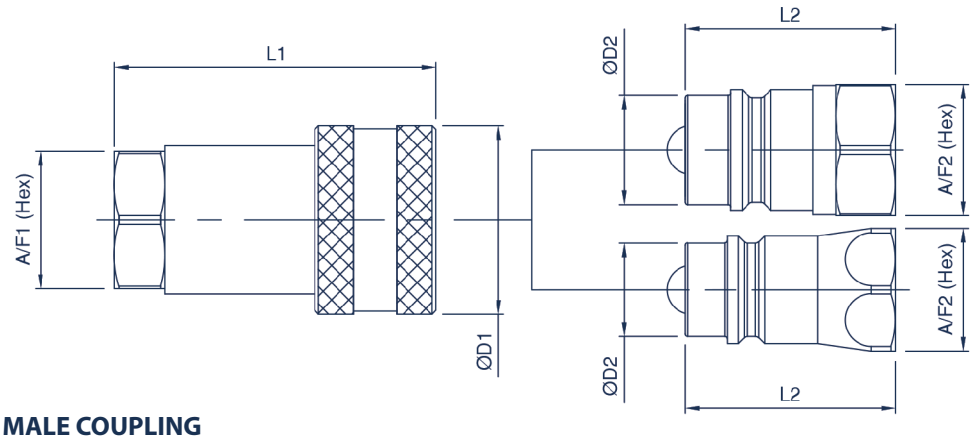
SEAL KITS

DIN06-F-SEAL KIT
DIN10-F-SEAL KIT
DIN12-F-SEAL KIT
DIN19-F-SEAL KIT
DIN25-F-SEAL KIT

DINB, DNBZ FEMALE COUPLING

Body Size	Part Number	Thread Size	A/F1		L1		D1	
			mm	inch	mm	inch	mm	inch
06 (1/4)	DINB06-F-04G	1/4 BSPP	19.0	0.75	53.5	2.11	27.6	1.09
	DINB06-F-04N	1/4 NPTF	19.0	0.75	53.5	2.11	27.6	1.09
	DINB06-F-06S	9/16-18 UNF	19.0	0.75	53.5	2.11	27.6	1.09
10 (3/8)	DINB10-F-06G	3/8 BSPP	24.0	0.94	63.0	2.48	34.0	1.34
	DINB10-F-06N	3/8 NPTF	24.0	0.94	63.0	2.48	34.0	1.34
	DINB10-F-06S	9/16-18 UNF	24.0	0.94	63.0	2.48	34.0	1.34
12 (1/2)	DINB12-F-08G	1/2 BSPP	27.0	1.06	66.3	2.61	38.6	1.52
	DINB12-F-08N	1/2 NPTF	27.0	1.06	66.3	2.61	38.6	1.52
	DINB12-F-08S	3/4-16 UNF	27.0	1.06	66.3	2.61	38.6	1.52
	DINB12-F-10S	7/8-14 UNF	27.0	1.06	66.3	2.61	38.6	1.52
19** (3/4)	DINB19-F-12G	3/4 BSPP	34.0	1.34	82.5	3.25	48.2	1.90
	DINB19-F-12N	3/4 NPTF	35.0	1.38	83.5	3.29	47.5	1.87
	DINB19-F-12S	1 1/16-12 UN	35.0	1.38	83.5	3.29	47.5	1.87
25 (1)	DINB25-F-16G	1 BSPP	41.0	1.61	96.5	3.80	56.0	2.20
	DINB25-F-16N	1 NPTF	41.0	1.61	96.5	3.80	56.0	2.20
	DINB25-F-16S	1 5/16-12 UN	41.0	1.61	96.5	3.80	56.0	2.20

**Size 19 differs in USA and UK, neither meet ISO 5675 dimensional requirements.
For all other configurations or thread types please contact the sales office.



DINB, DNBZ MALE COUPLING

Body Size	Part Number	Thread Size	D2		L2		A/F2	
			mm	inch	mm	inch	mm	inch
06 (1/4)	DINB06-M-04G	1/4 BSPP	14.1	0.56	36.0	1.42	19.0	0.75
	DINB06-M-04N	1/4 NPTF	14.1	0.56	36.0	1.42	19.0	0.75
	DINB06-M-06S	9/16-18 UNF	14.1	0.56	36.0	1.42	19.0	0.75
10 (3/8)	DINB10-M-06G	3/8 BSPP	18.9	0.74	40.0	1.57	24.0	0.94
	DINB10-M-06N	3/8 NPTF	18.9	0.74	40.0	1.57	24.0	0.94
	DINB10-M-06S	9/16-18 UNF	18.9	0.74	40.0	1.57	24.0	0.94
12* (1/2)	DINB12-M-08G	1/2 BSPP	20.5	0.81	43.5	1.71	27.0	1.06
	DINB12-M-08N	1/2 NPTF	20.5	0.81	46.0	1.81	27.0	1.06
	DINB12-M-08S	3/4-16 UNF	20.5	0.81	46.0	1.81	27.0	1.06
	DINB12-M-10S	7/8-14 UNF	20.5	0.81	46.0	1.81	27.0	1.06
19** (3/4)	DINB19-M-12G	3/4 BSPP	28.0	1.10	53.5	2.11	34.0	1.34
	DINB19-M-12N	3/4 NPTF	26.9	1.06	51.0	2.01	33.3	1.31
	DINB19-M-12S	1 1/16-12 UN	26.9	1.06	51.0	2.01	33.3	1.31
25 (1)	DINB25-M-16G	1 BSPP	31.3	1.23	63.0	2.48	41.0	1.61
	DINB25-M-16N	1 NPTF	31.3	1.23	63.0	2.48	41.0	1.61
	DINB25-M-16S	1 5/16-12 UN	31.3	1.23	63.0	2.48	41.0	1.61

*Size 12 outside profile of male is different in USA and incorporates an internal shield.
**Size 19 differs in USA and UK, neither meet ISO 5675 dimensional requirements.