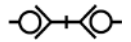


HIGH PRESSURE - quick release couplings

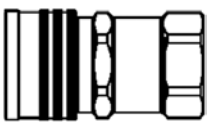
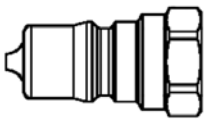
Couplings according to ISO-B standard

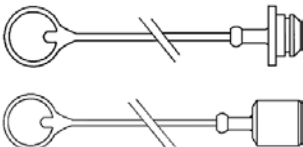


TEMA (1/4" ÷ 1")

- Standard:** ISO 7241-1 B
Applications: Hydraulics (hydraulic oil)
 Industrial (water, steam, fuel, oil, gas and chemicals)
Working press.: Up to 400 bar (safety factor 4:1)
Material: Chrome-plated brass (socket up to: 1/2")
 galvanized steel (other items)
Seal: NBR (from -30°C up to +100°C)
 Viton (from -25°C up to +200°C)
Advantages: double O-ring seal - perfect for gases

Quick release couplings (except 1/4" size) equipped with additional double O-ring seal are ideal for gas installations. Both a socket and a plug are also available with a static pressure eliminator. Depending on application, the material and seal of a quick release coupling must be chosen. Interchangeable with ISO-B quick release couplings of different producers.

picture	size [inch]	description	female thread [inch]	seal	socket code	plug code	
	1/4	with a valve	1/4	NBR	TA-H-IB2510	TA-H-IB2520	
		with a valve and an eliminator		Viton	TA-H-IB2510V	TA-H-IB2520V	
		3/8		with a valve	NBR	TA-H-IB3810	TA-H-IB3820
				with a valve and an eliminator	Viton	TA-H-IB3810V	TA-H-IB3820V
		1/2	with a valve	1/2	NBR	TA-H-IB5010	TA-H-IB5020
			with a valve and an eliminator		Viton	TA-H-IB5010V	TA-H-IB5020V
3/4		with a valve	3/4	NBR	TA-H-IB5011	TA-H-IB5021	
				Viton	TA-H-IB5011V	TA-H-IB5021V	
		with a valve and an eliminator		NBR	TA-H-IB7510	TA-H-IB7520	
				Viton	TA-H-IB7510V	TA-H-IB7520V	
1	with a valve	1	NBR	TA-H-IB7511	TA-H-IB7521		
			Viton	TA-H-IB7511V	TA-H-IB7521V		
	with a valve and an eliminator		NBR	TA-H-IB10010	TA-H-IB10020		
			Viton	TA-H-IB10010V	TA-H-IB10020V		
				NBR	TA-H-IB10011	TA-H-IB10021	
				Viton	TA-H-IB10011V	TA-H-IB10021V	

Blank plugs/caps	size [inch]	material	code	
			socket blank plug	plug blank cap
	1/4	PVC	TA-H-IB2516	TA-H-IB2526
	3/8		TA-H-IB3816	TA-H-IB3826
	1/2		TA-H-IB5016	TA-H-IB5026
	3/4		TA-H-IB7516	TA-H-IB7526
	1		TA-H-IB10016	TA-H-IB10026

Operating parameters

size [inch]	working pressure (coupling connected / disconnected) [bar]	flow rate at Δp = 3 bar [l/min]
1/4	400 / 280	21
3/8	320 / 320	56
1/2	300 / 250	107
3/4	300 / 235	208
1	250 / 185	292