

快速接头专家手册

2017 VERSION (2017版)

ISO7241 B 系列液压快速接头

ISO7241 B SERIES HYDRAULIC QUICK COUPLINGS

工业通用



ISO16028 系列液压快速接头

ISO16028 SERIES HYDRAULIC QUICK COUPLINGS

工业通用



符合AS1709 系列快速接头

CONFORMED TO AS1709 SERIES
HYDRAULIC QUICK COUPLINGS

用于航空航天



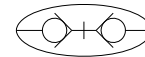
定制快速接头

CUSTOM-MADE HYDRAULIC QUICK COUPLINGS

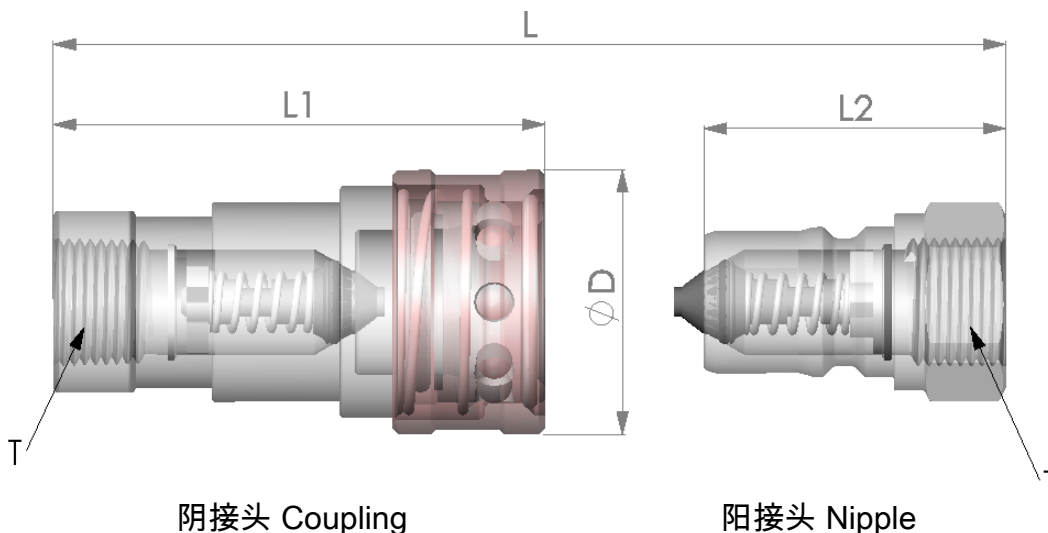
用于特殊要求



ZFJ2、3、6-4000 SERIES QUICK COUPLINGS



ZFJ2、3、6-4000 系列快速接头



特征

- 可与ISO7241-1 B系列接头互换。
- 广泛应用于航空、航天、汽车、舰船、冶金、能源、石油化工、医疗器械、重型机械等工业流体系统。
- 碳钢和不锈钢壳体密封圈带支撑环，防止高流速被冲出。
- 钢球锁定结构确保每次都可靠连接。
- 接头断开，活门自动闭合防止泄露；接头连接后，活门开启，在额定工作压力下保持流体通畅。
- 多种螺纹可选并可选配防尘帽。

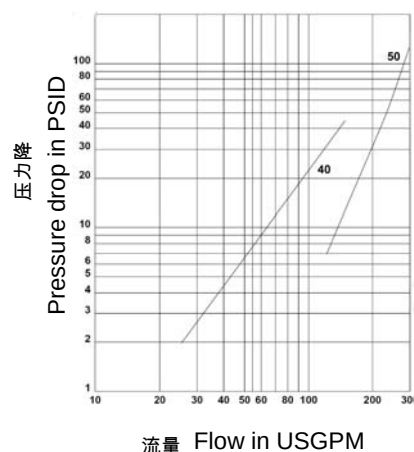
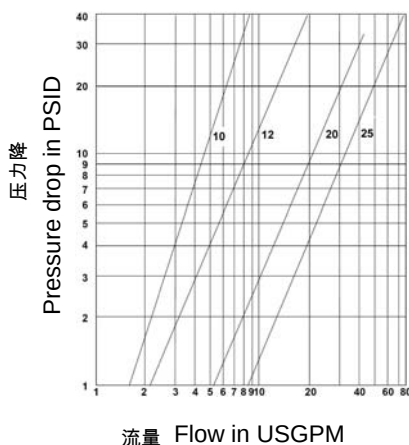
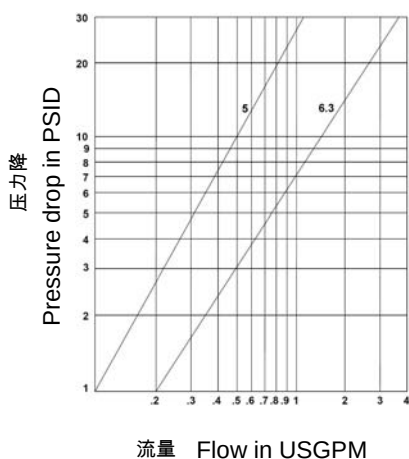
Features

- Interchange with couplings meeting ISO 7241-1, Series B.
- Widely used in aviation, aerospace, automobiles, vessels, metallurgy, energy, petrochemicals, medical appliance, heavy machinery and other industrial fluid systems.
- With PTFE bolster ring in Steel and stainless Body which prevents O-ring washout at high flow rates.
- Dependable Ball-locking configuration ensure a reliable connection every time.
- Poppet valves available to prevent leakage when uncoupled. When coupled the poppet valves can open automatically within rated working pressure.
- Mass thread for choose, Dust caps available upon request.

技术规范 SPECIFICATIONS									
规格 Body Size		5	6.3	10	12	20	25	40	50
额定流量 Rated Flow	(L/Min)	3	12	23	46	106	190	379	758
	(GPM)	0.8	3	6	12	28	50	100	200
温度范围 (丁腈) Temperature Range (NBR)					-50℃~+150℃				
主体材料:高强度合金钢,可选用不锈钢 Body materials :High strength steel or Stainless steel									
密封材料:丁腈橡胶,可选用氟橡胶、乙丙橡胶Standard seal material: NBR(other material : FKM、EPM)									

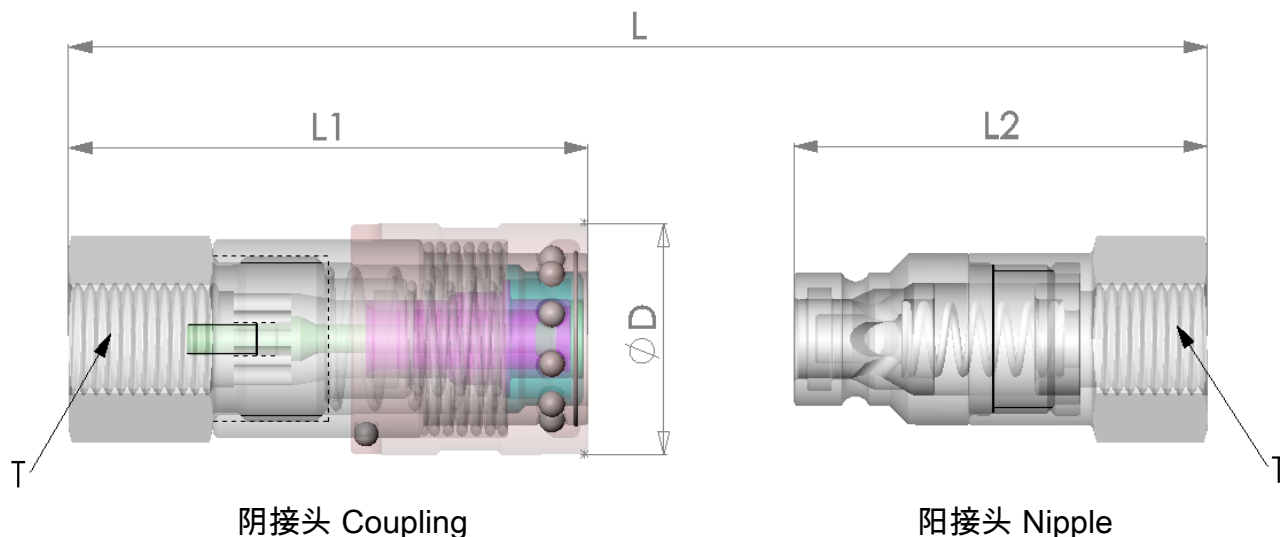
Part No. 产品代号	Size 通径	T 螺纹	Operating Pressure 工作压力 (bar)	Burst Pressure 爆破压力 (bar)	L (mm)	L1 (mm)	L2 (mm)	ΦD (mm)
ZFJ6-4005-00 ZFJ6-4005-01	5	1/8-27 NPT G1/8"	400	1200	58	47	29	26
ZFJ6-4006-00 ZFJ6-4006-01 ZFJ6-4006-02	6.3	1/4-18 NPT 1/2"-20UNF G1/4"	350	1050	72	57	38.5	29.4
ZFJ6-4010-00 ZFJ6-4010-01 ZFJ6-4010-02	10	3/8-18 NPT 5/8"-18UNF G3/8"	350	1050	86.4	68.2	43.2	36.2
ZFJ6-4012-00 ZFJ6-4012-01 ZFJ6-4012-02	12	1/2-14 NPT 3/4"-16UNF G1/2"	300	900	87	71	43.5	45
ZFJ6-4020-00 ZFJ6-4020-01 ZFJ6-4020-02	20	3/4-14 NPT 1"-12UNF G3/4"	300	900	112	91	56	55
ZFJ6-4025-00 ZFJ6-4025-01 ZFJ6-4025-02	25	1-11 1/2 NPT 1 1/4"-12UNF G1"	300	900	131.4	106.2	65.7	63
ZFJ3-4040-00 ZFJ3-4040-01 ZFJ3-4040-02	40	1 1/2-11 1/2 NPT 1 3/4"-20UN G1 1/2"	120	360	197	126.4	125	75
ZFJ2-4050-00 ZFJ2-4050-01 ZFJ2-4050-02	50	2-11 1/2 NPT 2 1/2"-16UN G2"	50	150	220	143.5	142	98

性能 Performance



ZFJ6-3000 SERIES QUICK COUPLINGS

ZFJ6-3000 系列快速接头



特征

- 可与ISO16028系列接头互换。
- 广泛应用于航空、航天、汽车、舰船、冶金、能源、石油化工、医药、重型机械等工业流体系统。
- 平面设计，连接时夹气量最小，断开时零泄漏且易清洗。
- 钢球锁定机制确保每次都可靠连接。
- 安全锁定，防止发生意外。连接即锁定，可单手操作。
- 多种螺纹可选并可选配防尘帽。

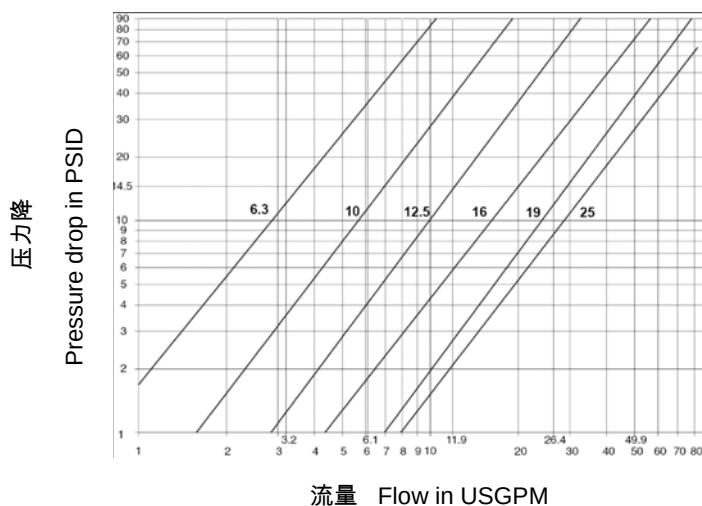
Features

- Interchange or exceeds with couplings meeting ISO 16028.
- Widely used in aviation, aerospace, automobiles, vessels, metallurgy, energy, petrochemicals, medical appliance, heavy machinery and other industrial fluid systems.
- Flat-faced poppet configuration, when the halves coupled there is only little air inclusion. Without leakage during disconnection and for an easy cleaning.
- Dependable Ball-locking configuration ensure a reliable connection every time.
- Heavy locking collar to resist damage and abuse. Push-to-connect locking configuration. It can be operation by one hand.
- Mass thread for choose, Dust caps available upon request.

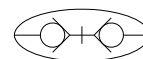
技术规范 SPECIFICATIONS							
规格 Body Size		6.3	10	12.5	16	19	25
额定流量 Rated Flow	(L/Min)	12	23	46	75	106	190
	(GPM)	3	6	12	20	28	50
温度范围 (丁腈) Temperature Range (NBR)				-50℃~+150℃			
主体材料:高强度合金钢,可选用不锈钢 Body materials :High strength steel or Stainless steel							
密封材料:丁腈橡胶,可选用氟橡胶、乙丙橡胶Standard seal material: NBR(other material : FKM、EPM)							

Part No. 产品代号	Size 通径	T 螺纹	Operating Pressure 工作压力 (bar)	Burst Pressure 爆破压力 (bar)	L (mm)	L1 (mm)	L2 (mm)	ΦD (mm)
ZFJ6-3006-01 ZFJ6-3006-02 ZFJ6-3006-03	6.3	1/4-18 NPT 9/16"-18UNF G1/4"	320	1280	102	63	50	28
ZFJ6-3010-00 ZFJ6-3010-01 ZFJ6-3010-02	10	3/8-18 NPT 5/8"-18UNF G3/8"	300	1200	119	75	61	32
ZFJ6-3012-00 ZFJ6-3012-01 ZFJ6-3012-02	12.5	1/2-14 NPT 5/8"-18UNF G1/2"	300	1200	142	84	75	38
ZFJ6-3016-00 ZFJ6-3016-01 ZFJ6-3016-02	16	3/4-14 NPT 3/4"-16UNF G3/4"	300	1200	140	82.5	75	44
ZFJ6-3019-00 ZFJ6-3019-01 ZFJ6-3019-02	19	1-11 1/2 NPT 1 1/16"-12UN G1"	300	1200	162	98	86	48
ZFJ6-3025-00 ZFJ6-3025-01 ZFJ6-3025-02	25	1-11 1/2 NPT 1 1/4"-12UNF G1"	300	1200	180	102	100	59

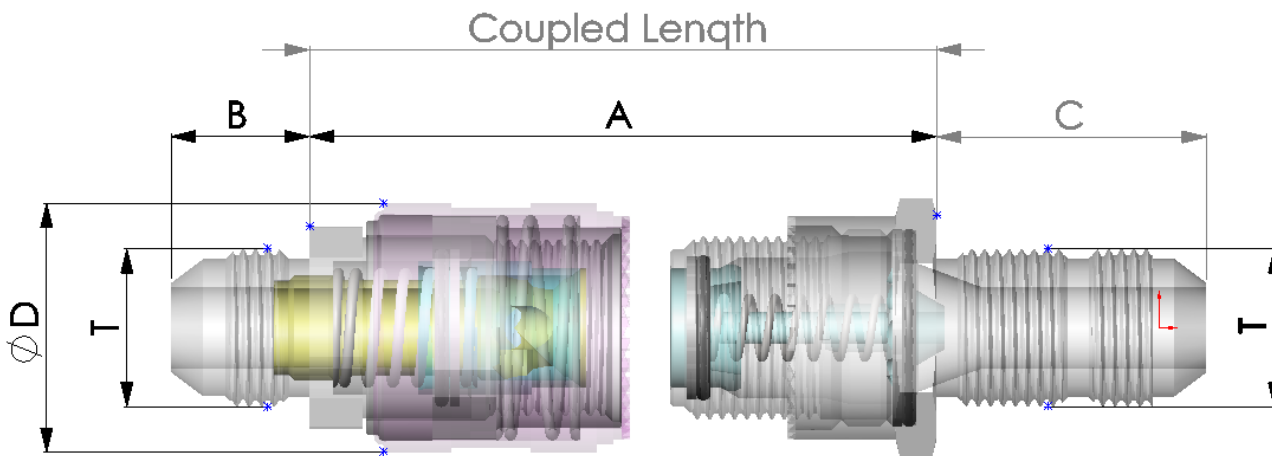
性能 Performance



ZFJ4-5300 SERIES QUICK COUPLINGS



ZFJ4-5300 系列快速接头



阴接头 Coupling

阳接头 Nipple

特征

- 符合标准AS1709。
- 广泛应用于航空、航天、汽车、舰船、冶金、能源、石油化工、医药、重型机械等工业流体系统。
- 平面式设计，连接时夹气量最小，断开时零泄漏且易清洗。
- 对接时棘齿锁定，确保连接可靠。
- 多种螺纹可选并可选配防尘帽。

Features

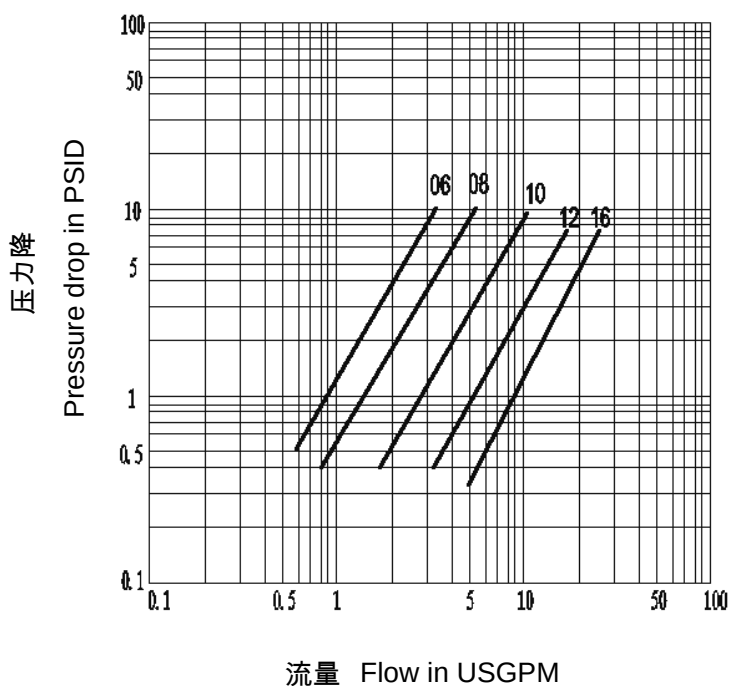
- All sizes of the coupling have been qualified to the performance requirements of AS1709.
- Widely used in aviation, aircraft, automobiles, vessels, metallurgy, energy, petrochemicals, medical appliance, heavy machinery and other industrial fluid systems.
- Flat-faced poppet configuration, when the halves coupled there is only little air inclusion. Without leakage during disconnection and for an easy cleaning.
- Ratchet Lock positive engagement assures dependable connection.
- Mass thread for choose, Dust caps available upon request.

技术规范 SPECIFICATIONS

规格 Body Size		06	08	10	12	16
额定流量 Rated Flow	(L/Min)	15	20	45	87	125
	(GPM)	4	5.3	11.8	23	33
温度范围 (丁腈) Temperature Range (NBR)			-50℃~-150℃			
主体材料:不锈钢 Body materials :stainless steel						
密封材料丁腈橡胶 可选用氟橡胶、乙丙橡胶Standard seal material: NBR(other material : FKM、EPM)						

Part No. 产品代号	Size 通径	T 螺纹	Operating Pressure 工作压力 (bar)	Burst Pressure 爆破压力 (bar)	A (mm)	B (mm)	C (mm)	ΦD (mm)
ZFJ4-5306-SS-00	06	0.5000-20 UNJF-3A	210	510	48	14	27.5	25
ZFJ4-5308-SS-00	08	0.5625-18 UNJF-3A	210	510	50	14	28.5	29
ZFJ4-5310-SS-00	10	0.7500-20 UNJF-3A	210	510	52	16.7	33	30
ZFJ4-5312-SS-00	12	0.8750-14 UNJF-3A	210	510	63	19.3	36	37
ZFJ4-5316-SS-00	16	1.0625-12 UNJF-3A	210	510	66	22	40.5	41

性能 Performance





我们的实力超乎你的想象

Our strength is beyond your imagination

NOTE:



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