

VALVE SELECTION
REFERENCE TABLE
阀门选型参照表

螺纹球阀材料表 Threaded ball valve material table

NO.	零件名称 PART NAME	材料 MATERIAL		
1	阀体 Valve body	CF8	CF8M	CF3M
2	阀盖 Valve cover	CF8	CF8M	CF3M
3	球体 Sphere	CF8	CF8M	CF3M
4	阀座 Valve seat	TFM1600/PTFE/RTFE		
5	阀杆 Valve stem	SUS304	SUS304	
6	防静电装置 Anti static device	SUS304	SUS304	
7	止推垫圈 Thrust washer	PTFE		
8	O型密封圈 O-ring seal	FKM(VITON)		
9	V型阀杆填料 V-shaped valve stem packing	PTFE		
10	密封衬套 Sealing liner	50%SS+50%PTFE		
11	格南 Glam	SUS316		
12	蝶型弹片 Butterfly shaped shrapnel	SUS304		
13	阀杆螺母 Valve stem nut	A194-8		
14	定位锁盖 Positioning lock cover	SUS304		
15	阀盖垫圈 Valve cover gasket	TFM1600		
16	螺栓 Bolt	A193-B8	CF8、CF8M、CF3M	A193-B7
17	端盖 End cap	CF8、CF8M、CF3M		
18	六角螺栓 Hexagon bolt	A193-B8	CF8、CF8M、CF3M	A193-B7
19	端盖 End cap	CF8、CF8M、CF3M		
20	执行器 Actuator	Pneumatic/Electric		

法兰球阀材料表 Flange ball valve material table

NO.	零件名称 PART NAME	材料 MATERIAL			NO.	零件名称 PART NAME	材料 MATERIAL
1	阀体 Body	CF8	CF8M	WCB	12	填料 Packing	PTFE
2	阀座 Seat	PTFE			13	耐磨垫圈 Wear washer	PTFE+25%GF
3	球体 Ball	CF8	CF8	CF8M	14	填料盖 Gland	304
4	O 形圈 O-ring	FPM			15	碟形弹簧 Disc spring	304
5	垫片 Gasket	PTFE			16	压盖法兰 Gland flange	CF8
6	阀盖 Bonnet	CF8	CF8M	WCB	17	Stopper	304
7	螺栓 Bolt	304			18	六角螺栓 Hex socket bolt	304
8	螺母 Nut	304			19	螺母 Nut	304
9	阀杆 Stem	304	304	316	20	手柄 Handle	WCB/CF8
10	阀杆垫圈 Stem Washer	PTFE+25%GF			21	螺栓 Bolt	304
11	O 形圈 O-ring	FPM			22	螺母 Nut	304

球阀密封圈选型对比数值
Comparison value of ball valve sealing ring selection



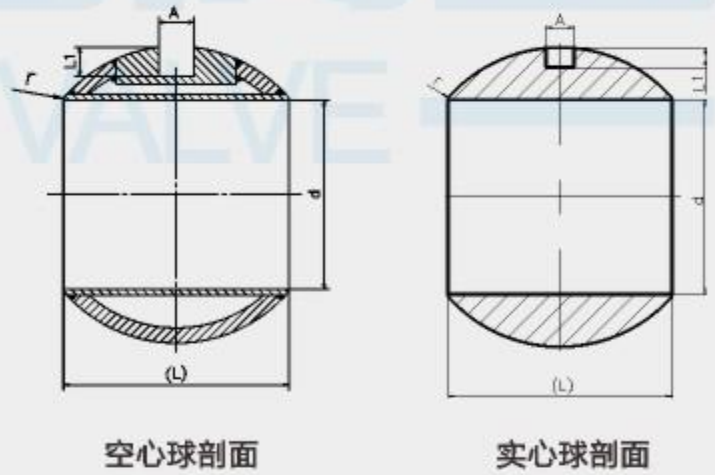
名称 NAME	使用温度 USAGE TEMPERATURE
聚四氟乙烯 PTFE	-20°C-120°C
德威龙 DEVLON	125°C
聚醚醚酮 PEEK	250°C
钼龙 MOLON	105°C
对位聚苯 PPL	220°C
碳纤维 CPTFE	200°C
聚苯脂 POB/CPOB	220°C
玻纤四氟 RPTFE	-150°C-180°C
PTFE 3M 1700	-193°C-180°C
聚三氟氯乙烯 PCTFE	-196°C-125°C

球阀阀杆选型对比数值
Comparison value of ball valve stem selection



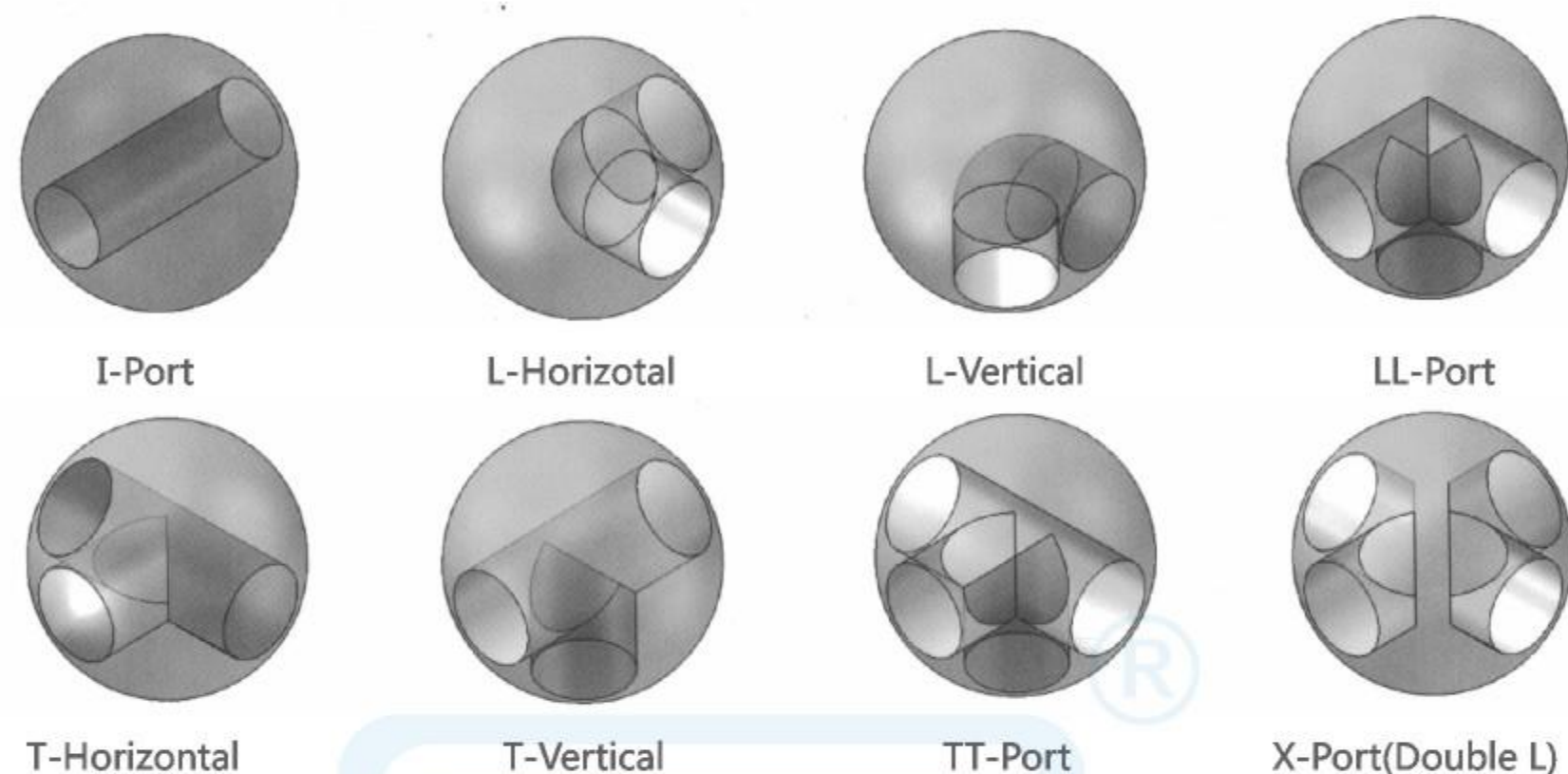
名称 NAME
1-防火防静电阀杆带O型圈 1. Fireproof and anti-static valve stem with O-ring
2-带螺纹阀杆，可加手柄 2-Threaded valve stem, can be equipped with a handle
3-蝶形弹簧阀杆带O形圈 3-Butterfly spring valve stem with O-ring
4-普通款阀杆，性价比高 4- Regular valve stem, high cost-effectiveness

球阀球体选型对比数值
Comparison value of ball valve sphere selection

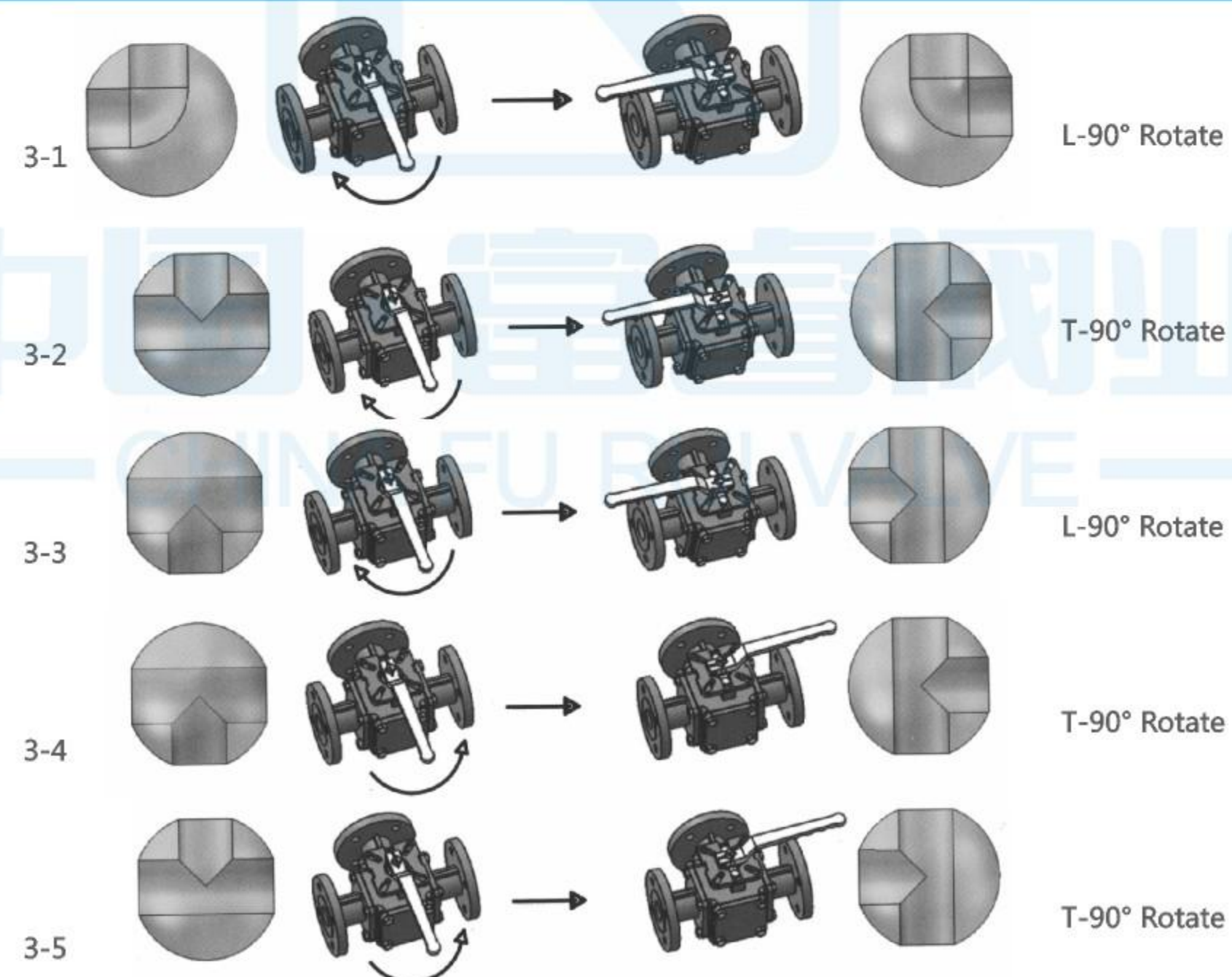


名称 NAME	压力 PRESSURE
1-空心球体 1- Hollow sphere	0.6-1.6MPa
2-实心球体 2- Solid sphere	2.5-6.4MPa

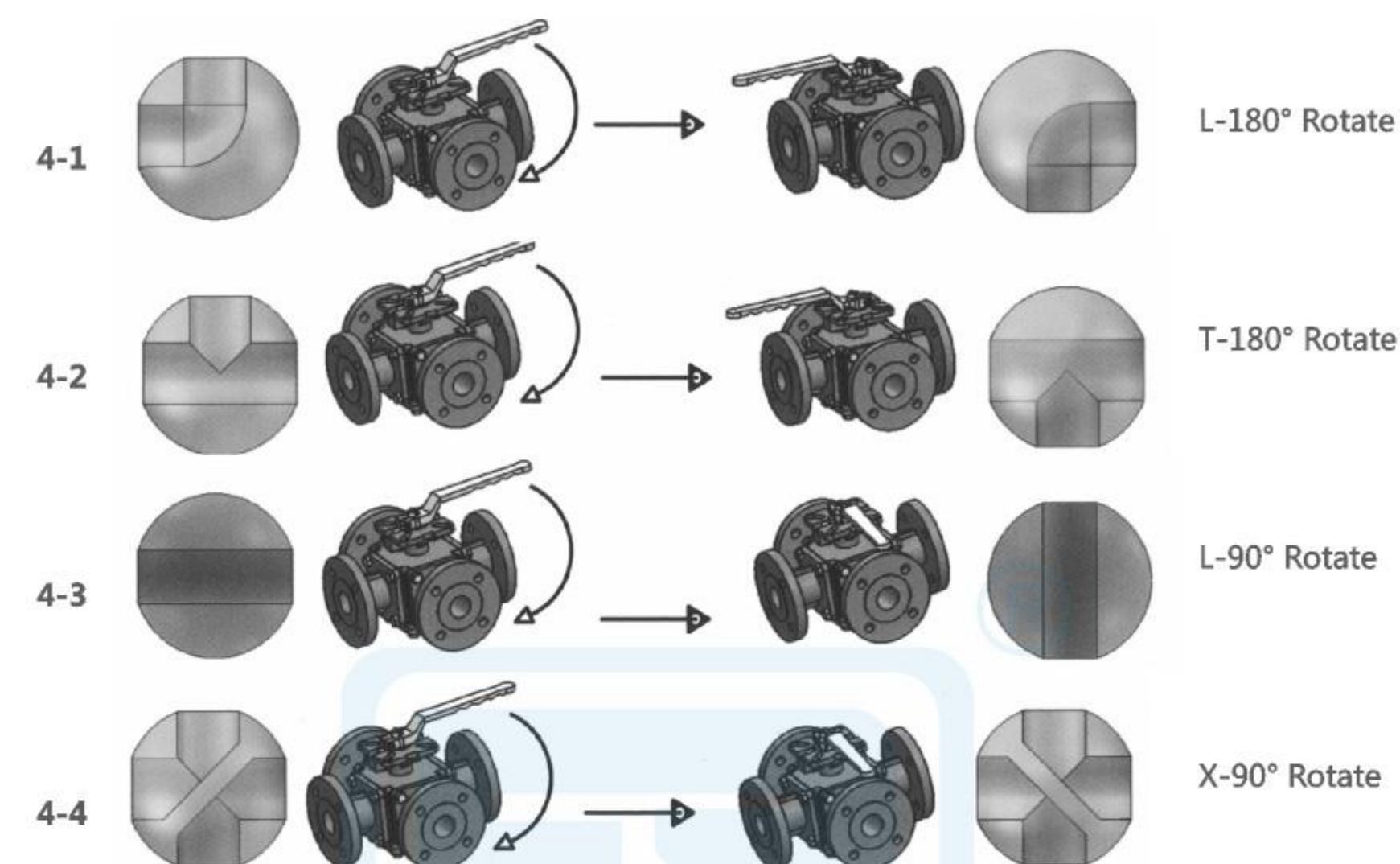
球体选型 Sphere selection



三通示意图 Tee schematic



四通示意图 Four-way diagram



五通示意图 Five-way diagram

