

**HF - TL**

# TIANLI

HYDRAULIC HOSE FITTING

液压胶管接头

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浙江省诸暨市天利机械有限公司  
 ZHEJIANG ZHUJI TIANLI MACHINERY CO., LTD.

中国·浙江  
 Zhejiang China

诸暨市天利机械有限公司是诸暨市中等规模企业。公司成立于1985年，是中东地区最具规模的液压软管总成、软管接头和过滤接头的制造企业。年产量达接头2000万件以上。主要顾客有：澳洲最大工程车制造厂，法国G.M company，伊朗最大液压代理商，出口欧、美、澳、亚、非等30多个国家和地区。其中印尼、菲律宾、马来西亚、澳洲、伊朗设有代理点，在中东迪拜拥有分公司，让中东客户更快更方便的拿到货物，也为公司在国外打开了窗口。

公司坚持“科技与品质同行”的经营理念，采用美国、德国、日本等国家的先进技术和工艺，不断引进世界一流的电液控制系统，对产品进行改良和创新。近年来公司不断吸纳高级管理人才、科研精英及大专院校的应届毕业生加盟，已形成一只团结互助、开拓进取的协作团队，是企业发展源源不断的动力。公司目前拥有挤压车间、精工车间、弯管车间、尼龙管生产线及橡胶总车间，为取得高品质打下良好的基础。

公司聚焦客户关注的挑战和压力，持续为客户创造最大价值，先后荣获各类证书以及通过CICC认证和中国汽车配件认证，为产品质量打下良好的基础。至今为止，已成为本市最大的液压接头生产商和出口商。

Zhiji Tianli Machinery Company is a medium-sized enterprise in Zhiji. Company was founded in 1985 and has become the largest manufacture enterprise of Hydraulic Hose Assembly,Hose Fitting and Adapter in Middle East. The annual output of hydraulic fittings is more than 20 million. Major customers: the largest construction vehicles factory in Australia, the G.M company in France, the biggest hydraulic agent in Iran. Company exports to more than 30 countries and areas containing Europe, America, Australia, Asia, Africa and so on. There are agents like Indonesia, Phillipine, Malaysia, Australia and Iran. There is a branch in Dubai. Let the Middle East customers get the goods faster and more convenient, also open the window for the company in the foreign country.

Company adheres to the innovative idea of "Lay equal emphasis on technology and quality" in operation for a long time. Company takes the advanced technology and crafts from developed countries like America, Germany and Japan, and continues introducing world-class electro-hydraulic control system for the improvement and innovation of products. In recent years, company absorbs senior management personnel, scientific elites and college graduates. Now we have a cooperation team of solidarity and forge ahead that is the driving power and source of enterprise development. Currently, company owns extrusion plants, seiko workshop, bending workshop, nylon pipe production line and rubber assembly workshop. All of these lay a good foundation for high quality.

Company focus on the challenges and pressures that customers are concerned about, and create maximum value for customers continuously. Company has won various kinds of certificates and been certified by CICC and China Auto Parts. So far, company has become the biggest hydraulic fittings manufacturer and exporter in Zhiji.

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HYDRAULIC HOSE FITTING

**液压套筒** HYDRAULIC FERRULE

**液压接头** HYDRAULIC FITTING BSP\BSPT\JIC\NPT\METRIC

**过渡接头** ADAPTER BSP\BSPT\JIC\NPT\METRIC

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HYDRAULIC HOSE FITTING

**法兰接头** FLANGE FITTING

**软管总成** SWAGED HOSE ASSEMBLIES

**快速接头** Quick release coupling

**气动接头** Pneumatic fittings

**铁氟龙管** Teflon hose

**法兰夹** FL-FS-FLANGE

ZHEJIANG ZHUITIANLI MACHINERY CO., LTD.  
www.HF-TL.com

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**高压钢丝编织胶管**  
High pressure steel wire braided rubber hose

TUBE: Inner tube in high quality synthetic rubber compounds.  
REINFORCEMENT: One high tensile steel wire braid.  
COVER: Abrasion and weather resistant synthetic rubber.  
TEMPERATURE RANGE: -40°C to +100°C (+125°C for short period)

执行标准: SAE100R1 AT-1 SN DIN EN 853		Executive Standard: SAE100R1 AT-1 SN DIN EN 853							
Size	ID	Braid	OD	Working Pressure	Test Pressure	Burst Pressure	BindRadius	Weight	
DN	inch	mm	mm	bar	bar	bar	mm	kg/m	
5	3/16	4.8	9.5	11.8	250	3600	600	1000	0.19
6	1/4	6.4	11.7	14.5	320	3600	560	900	0.21
8	5/16	8.0	12.7	19.5	210	3600	510	1100	0.24
10	3/8	9.5	15.1	17.4	180	2615	435	720	0.33
12	7/16	11.7	18.3	20.6	220	3600	385	640	0.41
16	5/8	15.9	23.2	27.0	130	3600	510	200	0.45
19	3/4	19.0	25.4	27.7	105	1530	255	420	0.58
25	25/32	20.4	33.7	35.6	88	1280	170	250	0.88
31	1 1/16	25.4	39.0	40.9	65	200	150	250	1.23
38	1 1/2	38.1	46.8	50.6	50	730	120	200	1.51
51	2	50.8	60.2	64.0	40	580	96	160	1.97

**高压钢丝编织胶管**  
High pressure steel wire braided rubber hose

TUBE: Inner tube in high quality synthetic rubber compounds.  
REINFORCEMENT: Two high tensile steel wire braid.  
COVER: Abrasion and weather resistant synthetic rubber.  
TEMPERATURE RANGE: -40°C to +100°C (+125°C for short period)

执行标准: SAE100R2 AT-2 SN DIN EN 853		Executive Standard: SAE100R2 AT-2 SN DIN EN 853								
Size	ID	Braid	OD	Working Pressure	Test Pressure	Burst Pressure	BindRadius	Weight		
DN	inch	mm	mm	bar	bar	bar	mm	kg/m		
5	3/16	4.8	11.4	14.4	434	6000	560	1000	0.21	
6	1/4	6.4	12.7	15.0	400	5800	960	1600	0.33	
8	5/16	7.9	14.3	16.6	360	5250	840	1400	0.39	
10	3/8	9.5	16.7	19.0	321	4800	795	1200	0.50	
12	7/16	11.7	19.0	21.3	270	4200	720	1300	0.63	
16	5/8	15.9	23.0	25.4	250	3600	600	1000	0.71	
19	3/4	19.0	27.0	29.3	215	3120	910	850	0.86	
25	25/32	20.4	34.6	36.3	165	2460	360	650	1.28	
31	1 1/16	25.4	44.0	45.3	120	3000	500	850	2.03	
38	1 1/2	38.1	50.8	54.6	90	1510	220	360	500	2.23
51	2	50.8	63.5	67.3	80	1160	195	320	630	2.85

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**高压钢丝缠绕胶管**  
High pressure steel wire spiraled rubber hose

TUBE: Inner tube in high quality synthetic rubber compounds.  
REINFORCEMENT: Four high tensile steel wire spiraled layers.  
COVER: Abrasion and weather resistant synthetic rubber.  
TEMPERATURE RANGE: -40°C to +100°C (+120°C max)

执行标准: 4SP DIN EN 856		Executive Standard: 4SP DIN EN 856							
Size	ID	Braid	OD	Working Pressure	Test Pressure	Burst Pressure	BindRadius	Weight	
DN	inch	mm	mm	bar	bar	bar	mm	kg/m	
10	3/8	9.5	17.5	21.4	445	6450	1070	1800	0.78
12	1/2	12.7	20.2	24.6	415	6000	995	1660	1.30
16	5/8	15.9	23.8	28.2	350	5000	840	1400	2.00
19	3/4	19.0	28.2	32.2	350	5000	840	1400	3.00
25	1	25.4	35.3	39.7	280	4000	870	1120	3.02
31	1 1/4	31.8	48.0	50.8	210	3000	900	840	4.05
38	1 1/2	38.1	52.4	57.2	185	3650	945	740	5.52
51	2	50.8	65.3	69.8	165	2960	400	660	6.50

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**高压钢丝缠绕胶管**  
High pressure steel wire spiraled rubber hose

TUBE: Inner tube in high quality synthetic rubber compounds.  
REINFORCEMENT: Four high tensile steel wire spiraled layers.  
COVER: Abrasion and weather resistant synthetic rubber.  
TEMPERATURE RANGE: -40°C to +100°C (+120°C max)

执行标准: 4SH DIN EN 856		Executive Standard: 4SH DIN EN 856							
Size	ID	Braid	OD	Working Pressure	Test Pressure	Burst Pressure	BindRadius	Weight	
DN	inch	mm	mm	bar	bar	bar	mm	kg/m	
19	3/4	19.0	28.4	32.2	420	6000	1000	1680	2.80
25	1	25.4	35.2	38.7	380	5500	910	1520	3.06
31	1 1/4	31.8	41.9	45.5	325	4700	830	1300	4.00
38	1 1/2	38.1	49.8	53.5	290	4200	700	1180	5.60
51	2	50.8	63.2	66.1	290	3600	600	1000	7.00

**HF - TL** 高压球阀  
High pressure ball valve [www.HF-TL.com](http://www.HF-TL.com)

**KHB (BKH) KHM (MKG) 系列高压球阀**

● 型号说明

KHB - G1/2 - 1	2	1	2	- 01	X - 88			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)

(1) 系列型号  
KHB (BKH) 铸铁球阀 KHM (MKG) 不锈钢球阀  
(2) 连接形式  
G式、LR式、SR式、M式、NPT形式  
(3) 阀体材料  
1-碳素钢  
2-不锈钢  
(4) 阀杆材料  
1-碳、2-不锈钢、3-青铜  
(5) 阀体连接  
1-POM 2-丁腈橡胶 (NBR) 3-聚四氟乙烯 (FPM)  
(6) 阀杆密封及润滑剂  
1-丁腈橡胶 (NBR) 2-聚四氟乙烯 (FPM)

(7) 手柄型号  
01-单作用手柄, 直柄 (AO) DN12-50  
02-双作用气动手柄, 直柄 (AK) DN12-50  
03-单作用气动手柄, 弯柄 (ZG) DN14-13  
04-单作用气动手柄, 弯柄 (ZK) DN04-13  
06-单作用气动扳手式手柄, 直柄 (SK)  
08-气动扳手式手柄  
(8) 系列尺寸: 制造规范

● 外形尺寸

**KHM**

**KHM**

**G**

**LR**

**SR**

**NPT**

**HF - TL** 高压球阀  
High pressure ball valve [www.HF-TL.com](http://www.HF-TL.com)

● 连接形式

连接形式	型号	Pn	DN	LW	RA	GI	I	L	L1	M	H	H1	H2	Seal	Seo		
<b>M</b>	KHB-A11-KX1.5	500	06	06	-11	M12X1.5	11	69	35	25	-08	13	30	8	09	19	
	KHB-M22X1.5	500	06	06	-14	M22X1.5	10	76	43	37	03	17	40	8	09	27	
	KHM-A12-KX1.5	500	10	10	-20	M22X1.5	12	76	42	37	03	17	40	8	09	27	
	KHM-M22X1.5	450	10	10	-24	M22X1.5	13	84	47	38	04	19	44	12	12	32	
	KHM-A12-KX1.5	450	10	10	-24	M22X1.5	14	84	47	38	04	19	44	11	11	41	
	KHB-M22X2	315	20	24	-36	M4X2	18	115	65	57	02	26.5	64	11	14	50	
	KHM-M22X2	315	20	24	-40	M22X2	20	142	66	51	05	118.7	49.5	9.2	12	17	75
	KHM-A12-KX1.5	315	20	24	-40	M22X1.5	22	154	51	55	05	118.7	49.5	9.2	12	17	75
	KHB-G1/4	500	06	06	-	Ø1/4	14	49	35	25	18	35	8	09	22		
	KHM-G1/4	500	10	10	-	Ø1/4	14	72	42	32	03	17	40	8	09	27	
<b>G</b>	KHB-G1/2	500	10	12	-	Ø1/2	16	83	47	55	03	17	40	8	09	30	
	KHB-G1/2	500	10	12	-	Ø1/2	16	83	47	55	03	17	40	8	09	32	
	KHM-G1/2	500	10	12	-	Ø1/2	16	83	47	55	03	17	40	8	09	41	
	KHM-G1	315	20	25	-28	-	Ø1	20.5	15	66	57	02	26.5	64	11	14	50
	KHM-G1/4	315	20	25	-28	-	Ø1/4	22	110	64	70	02	26.5	64	12	12	60
	KHM-G1/4	315	20	25	-28	-	Ø1/4	24	120	64	85	02	26.5	64	12	17	70
	KHM-G1/4	315	20	25	-28	-	Ø1/4	26	130	64	90	02	26.5	64	12	17	80
	KHM-G1/4	500	24	64	-06	M12X1.5	10	97	70	29	48	13	35	8	09	19	
	KHM-G1/4	500	24	64	-06	M12X1.5	10	74	42	30	03	17	40	8	09	27	
	KHM-G1/4	500	24	64	-06	M12X1.5	11	74	42	30	03	17	40	8	09	27	
<b>LR</b>	KHM-LR	500	20	20	-28	M22X1.5	12	82	47	55	03	17	40	8	09	30	
	KHM-LR	500	20	20	-28	M22X1.5	12	82	47	55	03	17	40	11	12	32	
	KHM-LR	500	20	20	-28	M22X1.5	12	82	47	55	03	17	40	8	09	30	
	KHM-LR	500	20	20	-28	M22X1.5	12	82	47	55	03	17	40	11	12	32	
	KHM-LR	500	20	20	-28	M22X1.5	12	82	47	55	03	17	40	11	12	32	
	KHM-LR	500	20	20	-28	M22X1.5	12	82	47	55	03	17	40	11	12	32	
	KHM-LR	500	20	20	-28	M22X1.5	12	82	47	55	03	17	40	11	12	32	
	KHM-LR	500	20	20	-28	M22X1.5	12	82	47	55	03	17	40	11	12	32	
	KHM-LR	500	20	20	-28	M22X1.5	12	82	47	55	03	17	40	11	12	32	
	KHM-LR	500	20	20	-28	M22X1.5	12	82	47	55	03	17	40	11	12	32	
<b>SR</b>	KHM-SR	215	29	24	-28	M4X2	14	108	68	67	02	26.5	64	11	14	60	
	KHM-SR	315	30	90	-90	M4X2	16	41	64	75	02	26.5	64	12	17	80	
	KHM-SR	315	30	90	-90	M4X2	16	62	81	65	02	26.5	64	12	17	75	
	KHM-SR	315	30	90	-90	M4X2	16	72	81	65	02	26.5	64	12	17	75	
	KHM-SR	315	30	90	-90	M4X2	16	82	81	65	02	26.5	64	12	17	75	
	KHM-SR	315	30	90	-90	M4X2	16	92	81	65	02	26.5	64	12	17	75	
	KHM-SR	315	30	90	-90	M4X2	16	102	81	65	02	26.5	64	12	17	75	
	KHM-SR	315	30	90	-90	M4X2	16	112	81	65	02	26.5	64	12	17	75	
	KHM-SR	315	30	90	-90	M4X2	16	122	81	65	02	26.5	64	12	17	75	
	KHM-SR	315	30	90	-90	M4X2	16	132	81	65	02	26.5	64	12	17	75	
<b>NPT</b>	KHM-NPT	215	29	24	-28	M4X2	22	150	64	75	02	26.5	64	12	17	60	
	KHM-NPT	500	06	06	-10	M12X1.5	12	73	35	25	18	35	8	09	19		
	KHM-NPT	500	06	06	-12	M22X1.5	12	76	42	52	03	17	40	8	09	30	
	KHM-NPT	500	10	10	-14	M22X1.5	14	80									

**HF - TL** 聚合物连接件专业制造商  
Fluid connector manufacturer

**H001**  
开闭式液压快速接头  
Close type Hydraulic Quick Coupling

主要适合液体 Mainly suitable for fluid  
开闭式接头 Open close-type ends

**H001**  
开闭式液压快速接头  
Close type Hydraulic Quick Coupling

技术规范 Specifications

应用与特征 Application and features

1. H001系列液压快速接头主要用于建筑设备、森林设备、液压机械及石油设备等所需要的液压连接。  
2. 接头由合金钢或铜合金制造，接头内部零件采用硬质合金或陶瓷材料，使用寿命长。  
3. 接头内部零件能适应冷热、耐高压、耐磨损。  
4. 符合ISO7241-A标准。

5. 可互换产品：美国派克PARKER 6000系列、意大利AEROCOUP 5600 Series、快通HANSEN 15000 Series。

The H001 Series hydraulic quick couplings are mainly used for construction equipment, forest equipment, hydraulic equipment, oil equipment and other required hydraulic connections.  
2. The quick couplings are made of alloy steel or copper alloy, the internal parts of the quick couplings are made of hard alloy or ceramic materials, the service life is long.  
3. Internal parts of the quick couplings can withstand cold and heat, high pressure resistance, wear resistance.  
4. Conforms to ISO7241-A standard.

6. Compatible products: Parker 6000 Series, Italy AEROCOUP 5600 Series, FASTERNAV 15000 Series.

Part No L5 C HP A T

H001-02SF	50	28	197.6	13	G1/4 NPT1/4
H001-03SF	56	31.5	277.6	14	G3/8 NPT3/8
H001-04SF	66	39	277.6	16	G1/2 NPT1/2
H001-06SF	80	48	347.6	18	G3/4 NPT3/4
H001-08SF	94	58	417.6	21	G1 NPT1
H001-10SF	112	69	507.6	25	G1-1/4 NPT1-1/4
H001-12SF	127.5	84.5	607.6	25.5	G1-1/2 NPT1-1/2
H001-16SF	158	99	757.6	26	G2 NPT2

Part No LP C HP A T

H001-02PF	50	14.5	197.6	13	G1/4 NPT1/4
H001-03PF	36.5	21.5	227.6	14	G3/8 NPT3/8
H001-04PF	43.5	27	277.6	16	G1/2 NPT1/2
H001-06PF	57	28	347.6	18	G3/4 NPT3/4
H001-08PF	94	58	417.6	21	G1 NPT1
H001-10PF	112	69	507.6	25	G1-1/4 NPT1-1/4
H001-12PF	127.5	84.5	607.6	25.5	G1-1/2 NPT1-1/2
H001-16PF	98	99	757.6	26	G2 NPT2