

T S

TS TYPE LARGE FLOW CAR WASH MACHINE QUICK COUPLING

SITH



Straight through

Major Applicable Fluid~
 Stainless Steel: Frozen Lubricant/Acid/Brine
 Brass: Oil/Fresh Water/Air
 Steel: Circulating Lubricant/Fresh Water/Air

FEATURES

1. Valveless construction designed inside plug & socket.
2. Greatly reduces pressure loss and enable high flow rates.
3. Suitable for vaporous, powdery, viscous fluids.
4. Available in various standard bodies, o-rings materials, sizes & fitting types to cope with an expansive variety of appeals & conditions.
5. Material: Brass, Stainless Steel & Steel.

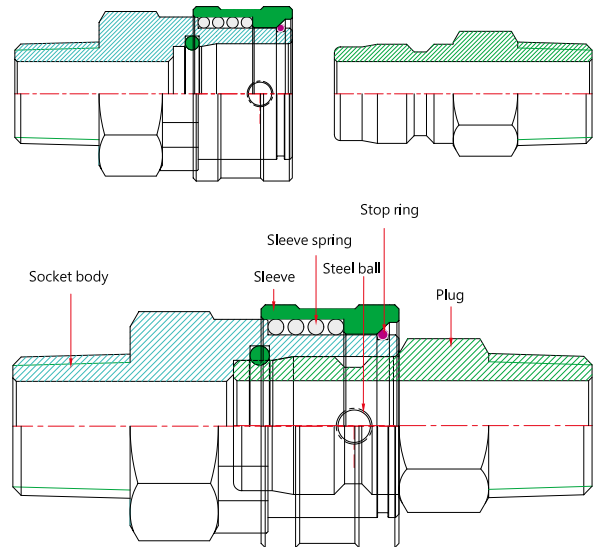
DIRECTIONS

Releasing:

When sleeve of body moved to another side, stainless steel ball rolls out, plug moved out. Due to no valveless construction inside plug & socket, fluid will be spread completely.

Fitting:

When effort from sleeve spring pushes sleeve back to original location, steel ball locked tightly, fluid circulating, o-ring preventing leaking completely.

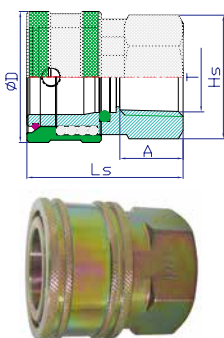
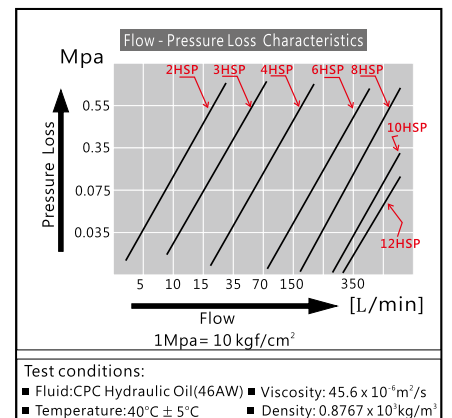


NOTICES

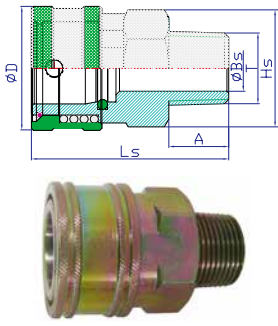
- Provide socket & plugs are the same size. They can be interconnected & irrespective of the type of fitting.
- When use larger diameter size, the compression become low.
- Use suitable o-rings for different fluid.

Specification:

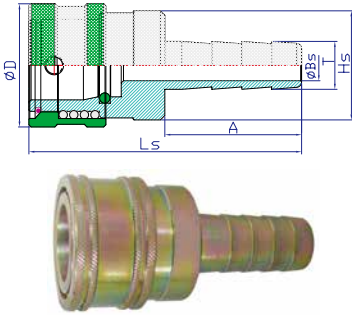
Model	1-TS	2-TS	3-TS	4-TS	6-TS	8-TS	10-TS	12-TS	16-TS
Nominal diameter	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
Material of socket/plug body	Brass C3604 [BSBM] / Stainless Steel SUS / Steel[Zinc plated] SC								
Connection method	Socket	Female screw [F] / Male screw [M] / Hose nipple [H]							
	Plug								
Working pressure kgf/cm ² [Max. working pressure]	Brass	50[75]			30[45]	20[30]		15[23]	
	Stainless Steel	75[100]			45[65]	30[40]		20[30]	
	Steel	75[100]			45[65]	30[40]		20[30]	
O-ring material: Working temperature range	Standard	Viton[FPM] -20°C ~ +180°C							
	Optional	Nitrile rubber[NBR] -20°C ~ +80°C Neoprene[CR] -20°C ~ +80°C							
Applicable fluid	Brass	Gasoline, Heavy oil, Kerosene, Water, Steam							
	Stainless Steel	Acidic fluid, Alkaline fluid, Brine							
	Steel	Hydraulic oil							
Use	Hydraulic machine, Hydraulic piping, Water piping, Stream piping, Sea-water piping, Chemical plant, Chemicals, High pressure gas piping								



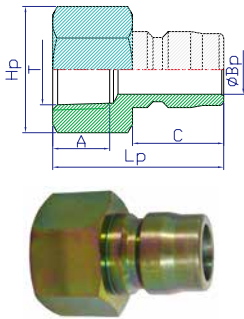
Computer No	Product Sign	Dimension (mm)					Weight (g)			Quantity per Carton
		Ls	D	Hs	A	T	SS41	BRASS	SUS	
SUS A2375TSJA BRASS A0175TSJA SS41 A1175TSJA	01SF	27	18	Ø16*6HEX*14D	9	PT1/8"28P	25	27	25	
	02SF	32	24.2	Ø22*6HEX*19D	13	PT1/4"19P	57	62	57	200-B
	03SF	35	28	Ø26.5*6HEX*23D	13	PT3/8"19P	83	90	83	150-B
	04SF	42	35.2	Ø33.5*6HEX*29D	17	PT1/2"14P	153	167	154	120-B
	06SF	48	44.8	Ø43.5*6HEX*38D	19	PT3/4"14P	288	314	289	60-B
	08SF	59	57.8	Ø57.5*6HEX*50D	22	PT 1"11P	557	607	561	28-B
	10SF	64	68.7	Ø64*2TS*54D	23	PT1-1/4"11P	821	888	815	7-B
	12SF	71	75.7	Ø70*2TS*58D	22.8	PT1-1/2"11P	1003	1064	980	4-B
	16SF	80	97.7	Ø82*2TS*77D	27	PT 2"11P	1726	1865	1675	3-B



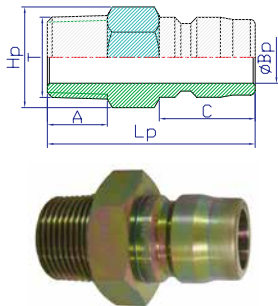
Computer No	Product Sign	Dimension (mm)						Weight (g)			Quantity per Carton	
		Ls	D	Hs		A	T	Bs	SS41	BRASS		SUS
SUS A2375TSJA BRASS A0175TSJA SS41 A1175TSJA	01SM	30	18	Ø16*6HEX*14D		8.9	PT1/8"28P	4.5	25	27	26	
	02SM	42	24.2	Ø22*6HEX*19D		13	PT1/4"19P	6.5	66	72	67	200-B
	03SM	46	28	Ø26.5*6HEX*23D		13	PT3/8"19P	10	99	108	100	150-B
	04SM	56	35.2	Ø33.5*6HEX*29D		17	PT1/2"14P	13	178	194	179	120-B
	06SM	65	44.8	Ø43.5*6HEX*38D		19	PT3/4"14P	18	343	374	346	60-B
	08SM	76	57.8	Ø57.5*6HEX*50D		22	PT 1"11P	25	629	685	633	28-B
	10SM	84	68.7	Ø64*2TS*54D		25	PT1-1/4"11P	32	950	1025	955	7-B
	12SM	93	75.7	Ø70*2TS*58D		26	PT1-1/2"11P	38.1	1160	1245	1180	4-B
16SM	106	97.7	Ø82*2TS*77D		29	PT 2"11P	49	1990	2110	2000	3-B	



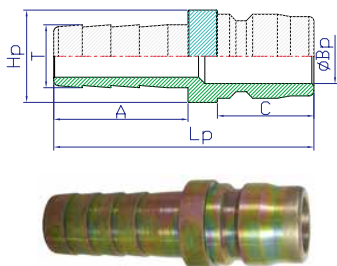
Computer No	Product Sign	Dimension (mm)						Weight (g)			Quantity per Carton	
		Ls	D	Hs		A	T	Bs	SS41	BRASS		SUS
SUS A2375TSJA BRASS A0175TSJA SS41 A1175TSJA	01SH	40	17.5	16		20	6.5	3	24	26	24	
	02SH	55	24.2	22		29	8	5	63	69	64	200-B
	03SH	62	28	25		31.1	10.9	7	95	104	96	150-B
	04SH	74	35.2	32		39	15	10	176	192	177	120-B
	06SH	90	44.8	40		48	21	15	348	379	350	60-B
	08SH	102	57.8	52		57	27	19	586	685	633	28-B
	10SH	113	68.7	64		70.1	34.5	26	1330	1385	1335	7-B
	12SH	124	75.7	70		75	41	32	1755	1860	1780	4-B
	16SH	136	97.7	88.6		75	54	40.4	2820	3040	2825	3-B



Computer No	Product Sign	Dimension (mm)						Weight (g)			Quantity per Carton	
		Lp	C	Hp		A	T	Bp	SS41	BRASS		SUS
SUS A2375TSJA BRASS A0175TSJA SS41 A1175TSJA	01PF	26	15.5	Ø16*6HEX*14D		9	PT1/8"28P	4.5	14	15	14	
	02PF	34	18	Ø19.5*6HEX*17D		13	PT1/4"19P	6.5	28	31	29	400-B
	03PF	38	21.2	Ø24*6HEX*21D		13.8	PT3/8"19P	10.2	43	47	43	300-B
	04PF	45	24	Ø33.5*6HEX*29D		16	PT1/2"14P	13	103	113	104	200-B
	06PF	51	28	Ø40*6HEX*35D		18	PT3/4"14P	17	166	181	167	120-B
	08PF	60	36	Ø47*6HEX*41D		22	PT 1"11P	25	321	350	323	60-B
	10PF	64	39	Ø63*6HEX*55D		25	PT1-1/4"11P	32.1	567	615	573	7-B
	12PF	75	45	Ø69*6HEX*60D		23	PT1-1/2"11P	38.1	703	763	630	6-B
	16PF	83	50.9	Ø82*2TS*77D		27.7	PT 2"11P	50	1226	1374	1190	5-B



Computer No	Product Sign	Dimension (mm)						Weight (g)			Quantity per Carton	
		Lp	C	Hp		A	T	Bp	SS41	BRASS		SUS
SUS A2375TSJA BRASS A0175TSJA SS41 A1175TSJA	01PM	32	15.5	Ø13.5*6HEX*12D		9.1	PT1/8"28P	4.5	16	17	17	
	02PM	38	18	Ø19.5*6HEX*17D		13	PT1/4"19P	6.5	30	33	30	400-B
	03PM	43	21.2	Ø22*6HEX*19D		13	PT3/8"19P	10.2	41	45	42	300-B
	04PM	52	24	Ø25*6HEX*22D		15	PT1/2"14P	13	81	88	81	200-B
	06PM	59	28	Ø37*6HEX*35D		19	PT3/4"14P	17	164	179	165	120-B
	08PM	73	36	Ø47*6HEX*41D		22	PT 1"11P	25	273	297	274	60-B
	10PM	81	39	Ø57.5*6HEX*50D		23	PT1-1/4"11P	32.1	520	560	530	7-B
	12PM	91	45	Ø63.5*6HEX*55D		26	PT1-1/2"11P	38.1	655	705	665	6-B
	16PM	102	50.9	Ø80*2TS*75D		29	PT 2"11P	50	1240	1345	1250	5-B



Computer No	Product Sign	Dimension (mm)						Weight (g)			Quantity per Carton	
		Lp	C	Hp		A	T	Bp	SS41	BRASS		SUS
SUS A2375TSJA BRASS A0175TSJA SS41 A1175TSJA	01PH	41	15.5	12		20	6.5	4.5	12	13	15	
	02PH	53	18	14		29	8	6.5	21	23	21	400-B
	03PH	60	21.2	18		32	10.9	10.2	38	41	38	300-B
	04PH	70	24	22		39	15	13	71	77	71	200-B
	06PH	84	28	28		48	21	17	134	146	135	120-B
	08PH	105	36	40		57	27	25	327	356	329	60-B
	10PH	117	39	48		66	34.5	32.1	495	530	500	7-B
	12PH	128	45	55		71	41	38.1	665	715	660	6-B
16PH	138	51	70		76	54	50	1330	1430	1345	5-B	

Max. pressure: 1HSP 2HSP 3HSP 4HSP 6HSP 8HSP 10HSP 12HSP 16HSP Brass mark:A0175TSJA > -20°C ~ +80°C
 Kg/cm² 75 75 75 75 45 45 30 30 20 Steel mark:A1175TSJA

Operating temp. range: A2375TSJA=VITON -20°C ~ +180°C Uses: Carwash, Machine tool cutting oil piping...etc.

Special seal(Packing) temperature range: -50°C ~ +300°C

Dimension of T: NPT, BSP, etc. are available to produce besides PT. (Welcome to order special threads)