



TS TYPE (CAR WASH MACHINE QUICK COUPLING)

Features

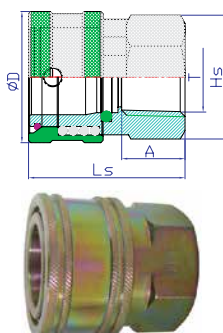
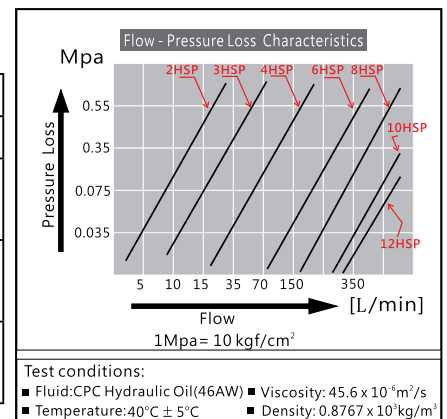
1. Valveless construction designed inside plug & socket.
2. Suitable for vaporous, powdery, viscous fluids.
3. Available in various standard bodies, o-rings materials, sizes & fitting types to cope with an expansive variety of appeals & conditions.
4. Material: Brass, Stainless Steel & Steel.

Specification

Model	01	015	02	025	03	04	06	08	10	12	16
Size	1/8"	3/16"	1/4"	5/16"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
Material		Steel[Zinc plated] SC / Brass BSBM / Stainless Steel SUS 304									
Connection method	Socket	Female screw [F] / Male screw [M] / Hose nipple [H]									
	Plug										
Working pressure / Max. working pressure	Steel	75 / 100 (kgf/cm ²) 7.4 / 9.8 (MPa) 1067 / 1422 (psi) 74 / 98 (bar)					45 / 65 (kgf/cm ²) 4.4 / 6.4 (MPa) 640 / 925 (psi) 44 / 64 (bar)		30 / 45 (kgf/cm ²) 2.9 / 4.4 (MPa) 427 / 640 (psi) 29 / 44 (bar)		20 / 30 (kgf/cm ²) 2.0 / 2.9 (MPa) 285 / 427 (psi) 20 / 29 (bar)
	Brass	50 / 75 (kgf/cm ²) 4.9 / 7.4 (MPa) 711 / 1067 (psi) 49 / 74 (bar)					30 / 45 (kgf/cm ²) 2.9 / 4.4 (MPa) 427 / 640 (psi) 29 / 44 (bar)		20 / 30 (kgf/cm ²) 2.0 / 2.9 (MPa) 285 / 427 (psi) 20 / 29 (bar)		15 / 23 (kgf/cm ²) 1.5 / 2.3 (MPa) 213 / 327 (psi) 15 / 23 (bar)
	Stainless Steel	75 / 100 (kgf/cm ²) 7.4 / 9.8 (MPa) 1067 / 1422 (psi) 74 / 98 (bar)					45 / 65 (kgf/cm ²) 4.4 / 6.4 (MPa) 640 / 925 (psi) 44 / 64 (bar)		30 / 45 (kgf/cm ²) 2.9 / 4.4 (MPa) 427 / 640 (psi) 29 / 44 (bar)		20 / 30 (kgf/cm ²) 2.0 / 2.9 (MPa) 285 / 427 (psi) 20 / 29 (bar)
Seal material: Working temperature range	Standard	NBR: -20°C ~ +80°C (-4°F ~ +176°F)									
	Optional	VITON: -20°C ~ +180°C (-4°F ~ +356°F) CR: -20°C ~ +80°C (-4°F ~ +176°F)									
Applicable fluid		Hydraulic Oil / Air / Water									
Use		Hydraulic machine, Hydraulic piping, Stream piping, Sea-water piping, Chemical plant, High pressure gas piping									

Max. Tightening Torque

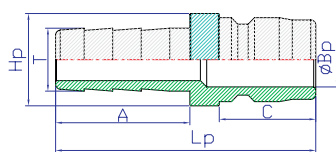
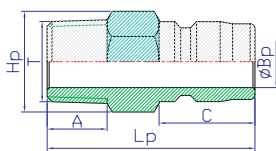
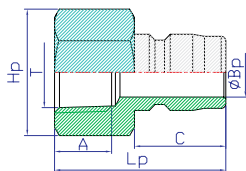
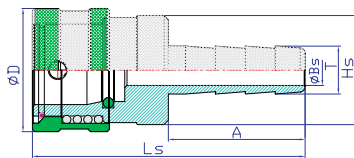
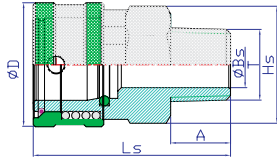
Model	01	02	03	04	06	08	10	12	16
Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
Torque N.m (kgf.cm)	Steel	9 (92)	14 (143)	22 (224)	60 (612)	90 (918)	120 (1224)	260 (2652)	500 (5100)
	Brass	5 (51)	9 (92)	12 (122)	30 (306)	50 (510)	65 (663)	150 (1530)	260 (2652)
	Stainless Steel	9 (92)	14 (143)	22 (224)	60 (612)	90 (918)	120 (1224)	260 (2652)	500 (5100)



Computer No	Product Sign	Dimension (mm)				
		Ls	D	Hs	A	T
SUS A2375TSJA BRASS A0175TSJA STEEL A1175TSJA	01SF	27	18	Ø16*6HEX*14D	9	PT1/8"28P
	02SF	32	24.2	Ø22*6HEX*19D	13	PT1/4"19P
	03SF	35	28	Ø26.5*6HEX*23D	13	PT3/8"19P
	04SF	42	35.2	Ø33.5*6HEX*29D	17	PT1/2"14P
	06SF	48	44.8	Ø43.5*6HEX*38D	19	PT3/4"14P
	08SF	59	57.8	Ø57.5*6HEX*50D	22	PT 1"11P
	10SF	64	68.7	Ø64*2TS*54D	23	PT1-1/4"11P
	12SF	71	75.7	Ø70*2TS*58D	22.8	PT1-1/2"11P
	16SF	80	97.7	Ø82*2TS*77D	27	PT 2"11P

TS TYPE (CAR WASH MACHINE QUICK COUPLING)

Single Shut-off



Computer No	Product Sign	Dimension (mm)					
		Ls	D	Hs	A	T	Bs
SUS A2375TSJA BRASS A0175TSJA STEEL A1175TSJA	01SM	30	18	Ø16*6HEX*14D	8.9	PT1/8"28P	4.5
	02SM	42	24.2	Ø22*6HEX*19D	13	PT1/4"19P	6.5
	03SM	46	28	Ø26.5*6HEX*23D	13	PT3/8"19P	10
	04SM	56	35.2	Ø33.5*6HEX*29D	17	PT1/2"14P	13
	06SM	65	44.8	Ø43.5*6HEX*38D	19	PT3/4"14P	18
	08SM	76	57.8	Ø57.5*6HEX*50D	22	PT 1"11P	25
	10SM	84	68.7	Ø64*2TS*54D	25	PT1-1/4"11P	32
	12SM	93	75.7	Ø70*2TS*58D	26	PT1-1/2"11P	38.1
	16SM	106	97.7	Ø82*2TS*77D	29	PT 2"11P	49

Computer No	Product Sign	Dimension (mm)					
		Ls	D	Hs	A	T	Bs
SUS A2375TSJA BRASS A0175TSJA STEEL A1175TSJA	01SH	40	17.5	16	20	6.5	3
	02SH	55	24.2	22	29	8	5
	03SH	62	28	25	31.1	10.9	7
	04SH	74	35.2	32	39	15	10
	06SH	90	44.8	40	48	21	15
	08SH	102	57.8	52	57	27	19
	10SH	113	68.7	64	70.1	34.5	26
	12SH	124	75.7	70	75	41	32
	16SH	136	97.7	88.6	75	54	40.4

Computer No	Product Sign	Dimension (mm)					
		Lp	C	Hp	A	T	Bp
SUS A2375TSJA BRASS A0175TSJA STEEL A1175TSJA	01PF	26	15.5	Ø16*6HEX*14D	9	PT1/8"28P	4.5
	02PF	34	18	Ø19.5*6HEX*17D	13	PT1/4"19P	6.5
	03PF	38	21.2	Ø24*6HEX*21D	13.8	PT3/8"19P	10.2
	04PF	45	24	Ø33.5*6HEX*29D	16	PT1/2"14P	13
	06PF	51	28	Ø40*6HEX*35D	18	PT3/4"14P	17
	08PF	60	36	Ø47*6HEX*41D	22	PT 1"11P	25
	10PF	64	39	Ø63*6HEX*55D	25	PT1-1/4"11P	32.1
	12PF	75	45	Ø69*6HEX*60D	23	PT1-1/2"11P	38.1
	16PF	83	50.9	Ø82*2TS*77D	27.7	PT 2"11P	50

Computer No	Product Sign	Dimension (mm)					
		Lp	C	Hp	A	T	Bp
SUS A2375TSJA BRASS A0175TSJA STEEL A1175TSJA	01PM	32	15.5	Ø13.5*6HEX*12D	9.1	PT1/8"28P	4.5
	02PM	38	18	Ø19.5*6HEX*17D	13	PT1/4"19P	6.5
	03PM	43	21.2	Ø22*6HEX*19D	13	PT3/8"19P	10.2
	04PM	52	24	Ø25*6HEX*22D	15	PT1/2"14P	13
	06PM	59	28	Ø37*6HEX*35D	19	PT3/4"14P	17
	08PM	73	36	Ø47*6HEX*41D	22	PT 1"11P	25
	10PM	81	39	Ø57.5*6HEX*50D	23	PT1-1/4"11P	32.1
	12PM	91	45	Ø63.5*6HEX*55D	26	PT1-1/2"11P	38.1
	16PM	102	50.9	Ø80*2TS*75D	29	PT 2"11P	50

Computer No	Product Sign	Dimension (mm)					
		Lp	C	Hp	A	T	Bp
SUS A2375TSJA BRASS A0175TSJA STEEL A1175TSJA	01PH	41	15.5	12	20	6.5	4.5
	02PH	53	18	14	29	8	6.5
	03PH	60	21.2	18	32	10.9	10.2
	04PH	70	24	22	39	15	13
	06PH	84	28	28	48	21	17
	08PH	105	36	40	57	27	25
	10PH	117	39	48	66	34.5	32.1
	12PH	128	45	55	71	41	38.1
	16PH	138	51	70	76	54	50

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