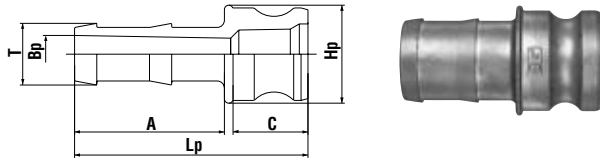


Models and Dimensions

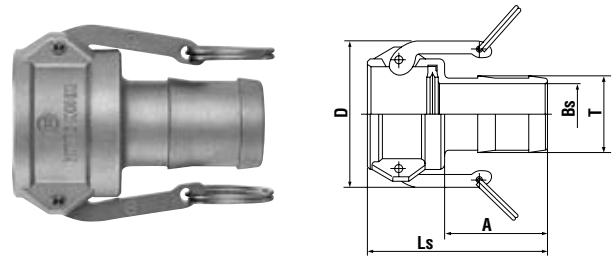
Dimensions of products may differ according to body material. / WAF : WAF stands for width across flats.

**Plug** LE type (Hose barb)



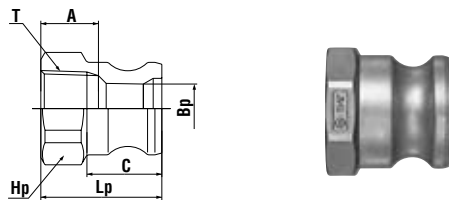
material	Model	Size	Mass (g)	Dimensions (mm)						
				Lp	A	C	øHp	øT	øBp	
Aluminum alloy	LE-6TPH	3/4"	65	81	52	26	34	21.5	11	
	LE-8TPH	1"	100	95	58	34	40	27.5	17.5	
	LE-10TPH	1 1/4"	140	102	58	40	48	34	23.5	
	LE-12TPH	1 1/2"	190	107	61	42	58	40.5	29.5	
	LE-16TPH	2"	290	122	70	48	69	53	40	
	LE-20TPH	2 1/2"	390	134.5	80	50	81	67	50	
	LE-24TPH	3"	545	167	101	61.5	97	79	68	
	LE-32TPH	4"	850	176	106	63.5	133	105	93	
	Copper alloy	LE-6TPH	3/4"	215	90.5	52.5	26	39	21.5	12.5
		LE-8TPH	1"	305	107	60	34.5	41	27.5	20
LE-10TPH		1 1/4"	440	102	58	40	48	34	25.5	
LE-12TPH		1 1/2"	560	107	61	42	58	40.5	31.5	
LE-16TPH		2"	865	131	73	54	70.5	53.5	44.5	
LE-20TPH		2 1/2"	1180	149	84	48	91	67	57	
LE-24TPH		3"	1800	171	104	50	102	79.4	70	
LE-32TPH		4"	3500	176	109	57	129	105	93	
Stainless steel		LE-6TPH	3/4"	170	90	52	35.5	35	21	15
		LE-8TPH	1"	265	107	60	44	42	27	20
	LE-10TPH	1 1/4"	430	111	61	40	45	34	25.5	
	LE-12TPH	1 1/2"	530	114	61	40	60	40	33	
	LE-16TPH	2"	790	131	73	45	70	53	44	
	LE-20TPH	2 1/2"	1195	149	84	48	91	67	57	
	LE-24TPH	3"	1755	162	99.5	56.5	102	78	68	
	LE-32TPH	4"	2595	174	109	59	130	105	94	

**Socket** LC type (Hose barb) Model LC-6TSH has no rings.



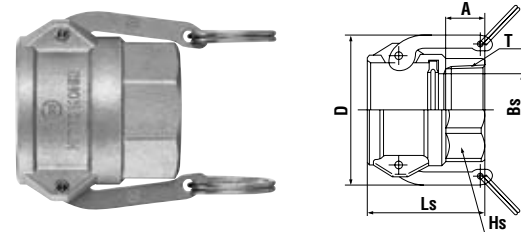
material	Model	Size	Mass (g)	Dimensions (mm)					
				Ls	A	D	øT	øBs	
Aluminum alloy	LC-6TSH	3/4"	140	85	52	60.5	21.5	11	
	LC-8TSH	1"	190	99	58	61	27.5	17	
	LC-10TSH	1 1/4"	320	104	58	82	34	23	
	LC-12TSH	1 1/2"	350	108.5	61	90	40.5	29	
	LC-16TSH	2"	430	122.5	70	100	53	41.5	
	LC-20TSH	2 1/2"	560	136.5	80	112	66.5	54	
	LC-24TSH	3"	915	175	100	139	79	68	
	LC-32TSH	4"	1190	180	104	165	104	93	
	Copper alloy	LC-6TSH	3/4"	320	85	52	61.5	21.5	13
		LC-8TSH	1"	420	99	58	61	27.5	19.5
LC-10TSH		1 1/4"	700	104	58	82	34	25.5	
LC-12TSH		1 1/2"	720	110	62	91	41	33	
LC-16TSH		2"	870	121	70	100	53	44	
LC-20TSH		2 1/2"	1530	137	83	113	67	57	
LC-24TSH		3"	1795	160	105	139	79	68	
LC-32TSH		4"	3100	163	107	168	104	92	
Stainless steel		LC-6TSH	3/4"	230	86	52	55	21	15
		LC-8TSH	1"	340	99	60	63	27	20
	LC-10TSH	1 1/4"	615	107	61	85	34	25.5	
	LC-12TSH	1 1/2"	645	108	61	91	40	33	
	LC-16TSH	2"	1000	129	73	101	53	44	
	LC-20TSH	2 1/2"	1270	134	81	113	67	57	
	LC-24TSH	3"	2065	158	100	139	79	67	
	LC-32TSH	4"	3020	165	107	167	105	94	

**Plug** LA type (Female thread)



material	Model	Size	Mass (g)	Dimensions (mm)					Oct. stands for octagon. Dod. stands for dodecagon.	
				Lp	A	C	Hp(WAF)	øBp	T	
Aluminum alloy	LA-6TPF	3/4"	45	42	20	26	Hex.36	17	Rc 3/4	
	LA-8TPF	1"	65	52	24	34	Hex.41	22.5	Rc 1	
	LA-10TPF	1 1/4"	110	59	28	40	Hex.50	27.5	Rc1 1/4	
	LA-12TPF	1 1/2"	130	58	24	42	Hex.60	34.5	Rc1 1/2	
	LA-16TPF	2"	170	63.5	28	48	Oct.70	44.5	Rc 2	
	LA-20TPF	2 1/2"	320	85	32	50	Oct.85	55.5	Rc2 1/2	
	LA-24TPF	3"	370	79	28	52.5	Dod.99	73.5	Rc 3	
	LA-32TPF	4"	640	82	40	54	Dod.130	100	Rc 4	
	Copper alloy	LA-6TPF	3/4"	145	42	16	27	Oct.34	20	Rc 3/4
		LA-8TPF	1"	190	46	22	32	Oct.41	24	Rc 1
LA-10TPF		1 1/4"	390	59	26	40	Hex.50	28	Rc1 1/4	
LA-12TPF		1 1/2"	420	58	24	42	Hex.60	36	Rc1 1/2	
LA-16TPF		2"	560	63.5	27	48	Oct.70	45	Rc 2	
LA-20TPF		2 1/2"	950	79	28	50	Dod.84	56	Rc2 1/2	
LA-24TPF		3"	1210	71	30	50	Dod.101	70	Rc 3	
LA-32TPF		4"	1620	79	37	53	Dod.127	101	Rc 4	
Stainless steel		LA-6TPF	3/4"	120	39	19	27	Oct.33	19	Rc 3/4
		LA-8TPF	1"	170	47	21	33	Oct.41	24	Rc 1
	LA-10TPF	1 1/4"	270	53.5	23	41	Oct.50	28	Rc1 1/4	
	LA-12TPF	1 1/2"	375	55	23	40	Oct.58	35.5	Rc1 1/2	
	LA-16TPF	2"	505	62	25	47	Oct.69	45	Rc 2	
	LA-20TPF	2 1/2"	825	77	28	49	Dod.83	56	Rc2 1/2	
	LA-24TPF	3"	875	72	31.5	51	Dod.96	73	Rc 3	
	LA-32TPF	4"	1470	79	36	53	Dod.124	100	Rc 4	

**Socket** LD type (Female thread) Model LD-6TSF has no rings.



material	Model	Size	Mass (g)	Dimensions (mm)					Oct. stands for octagon. Dod. stands for dodecagon.	
				Ls	A	D	Hs(WAF)	øBs	T	
Aluminum alloy	LD-6TSF	3/4"	130	53	20	60.5	Hex.36	21	Rc 3/4	
	LD-8TSF	1"	190	64.5	24	61	Hex.41	26	Rc 1	
	LD-10TSF	1 1/4"	330	72.5	26	82	Hex.50	34	Rc1 1/4	
	LD-12TSF	1 1/2"	360	70.5	24	90	Hex.60	39	Rc1 1/2	
	LD-16TSF	2"	420	79.5	27	100	Oct.70	49	Rc 2	
	LD-20TSF	2 1/2"	550	88.5	32	112	Oct.85	59	Rc2 1/2	
	LD-24TSF	3"	800	89	32	140	Dod.99	75	Rc 3	
	LD-32TSF	4"	1140	93	35	165	Dod.131	94	Rc 4	
	Copper alloy	LD-6TSF	3/4"	310	53	20	60.5	Hex.36	21	Rc 3/4
		LD-8TSF	1"	430	64.5	24	61	Hex.41	26	Rc 1
LD-10TSF		1 1/4"	730	72.5	26	82	Hex.50	34	Rc1 1/4	
LD-12TSF		1 1/2"	770	70.5	24	90	Oct.60	39	Rc1 1/2	
LD-16TSF		2"	990	79.5	27	100	Oct.70	49	Rc 2	
LD-20TSF		2 1/2"	1290	81.5	28	113	Dod.84	61	Rc2 1/2	
LD-24TSF		3"	1560	88	31	139	Dod.98	76	Rc 3	
LD-32TSF		4"	3590	91	29.5	167	Dod.126	96	Rc 4	
Stainless steel		LD-6TSF	3/4"	225	52	18	55	Oct.32	19	Rc 3/4
		LD-8TSF	1"	350	60	20	63	Oct.41	24	Rc 1
	LD-10TSF	1 1/4"	600	68	23	85	Oct.50	30	Rc1 1/4	
	LD-12TSF	1 1/2"	715	72	24	87	Oct.58	37.5	Rc1 1/2	
	LD-16TSF	2"	940	78.5	25	100	Oct.69	50	Rc 2	
	LD-20TSF	2 1/2"	1050	82	29	113	Dod.83	61	Rc2 1/2	
	LD-24TSF	3"	1605	88	31.5	139	Dod.96	75	Rc 3	
	LD-32TSF	4"	2575	94	37	167	Dod.125	97	Rc 4	

Before use, please be sure to read "Safety Guide" described at the end of this book and "Instruction Sheet" that comes with the products.