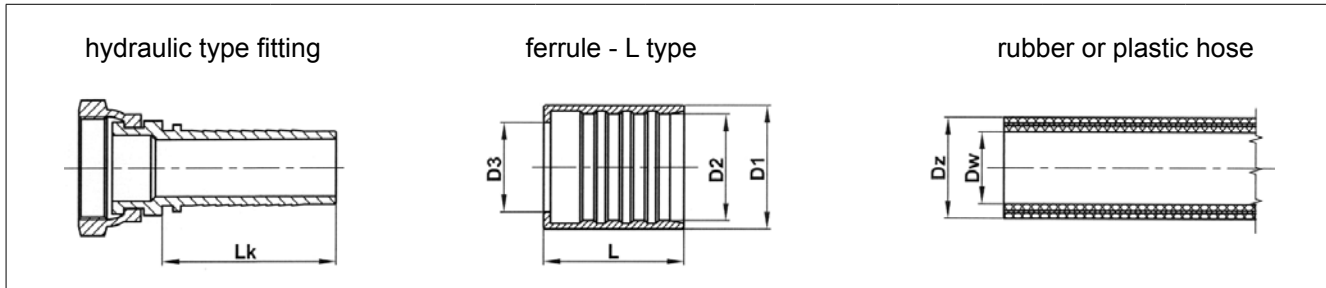


INDUSTRIAL FITTINGS - clips, clamps, ferrules

Crimping ferrules for industrial hoses - L type

L type ferrules are used to assemble hydraulic type fittings (the same type as Z type high-pressure fittings) on industrial hoses (both rubber and plastic with textile reinforcement or reinforcing spiral – suction-delivery hoses). In order to select an appropriate ferrule, hose outside and inside diameter must be taken into account. The length of the ferrule L must not exceed the length of the fitting's hose tail. Ferrules made of AISI 316 available on request.



code (galvanized steel)	code (AISI 304)	hose I.D.		D1 [mm]	D2 [mm]	D3 [mm]	L [mm]
		[inch]	[mm]				
TI-L-15-04	TI-L-15-04-SS	1/4	6	19	15	11.6	30
TI-L-15-05	TI-L-15-05-SS	5/16	8	19	15	13.2	
TI-L-17-05	TI-L-17-05-SS			21	17		
TI-L-19-05	TI-L-19-05-SS	3/8	10	23	19	14.8	32
TI-L-16-06	TI-L-16-06-SS			20	16		
TI-L-18-06	TI-L-18-06-SS			22	18		
TI-L-19-06	TI-L-19-06-SS			23	19		
TI-L-20-06	TI-L-20-06-SS			24	20		
TI-L-24-06	TI-L-24-06-SS	1/2	12+13	28.4	24	18.6	34
TI-L-22-08	TI-L-22-08-SS			27	21.5		
TI-L-24-08	TI-L-24-08-SS			29.5	24		
TI-L-26-08	TI-L-26-08-SS			30	25.5		
TI-L-28-08	TI-L-28-08-SS	5/8	16	33	28	21.4	36.5
TI-L-25-10	TI-L-25-10-SS			30	25		
TI-L-28-10	TI-L-28-10-SS			33	28		
TI-L-30-10	TI-L-30-10-SS	3/4	19+20	35	30	24.8	40
TI-L-30-12	TI-L-30-12-SS			36	30		
TI-L-33-12	TI-L-33-12-SS	1	25	39	33	31	50
TI-L-37-16	TI-L-37-16-SS			43	37		
TI-L-39-16	TI-L-39-16-SS			45	39		
TI-L-41-16	TI-L-41-16-SS			47	41		
TI-L-45-20	TI-L-45-20-SS	1.1/4	32	52	45	38.2	58
TI-L-48-20	TI-L-48-20-SS			55	48		
TI-L-50-20	TI-L-50-20-SS			57	50		
TI-L-53-20	TI-L-53-20-SS	1.1/2	38+40	62	53	44.8	64
TI-L-52-24	TI-L-52-24-SS			59	52		
TI-L-54-24	TI-L-54-24-SS			61	54		
TI-L-56-24	TI-L-56-24-SS			63	56		
TI-L-58-24	TI-L-58-24-SS	2	50+51	65	58	57	70
TI-L-64-32	TI-L-64-32-SS			73	64		
TI-L-67-32	TI-L-67-32-SS			76	67		
TI-L-70-32	TI-L-70-32-SS	2.1/2	63+65	76.1	69.8	71	92
TI-L-82-40	TI-L-82-40-SS			89.8	82		
TI-L-96-48	TI-L-96-48-SS	3	75+80	106.4	96	88	



Example:

Hose for water IV-PATOS-13 with inside diameter $D_w = 13$ mm, outside diameter $D_z = 23$ mm, fittings TI-ZBW110-08-08, crimping ferrule TI-L-24-08. Crimped in accordance with IT-14.

Attention!

To crimp rubber and plastic hoses with textile reinforcement, properly selected ferrules for high-pressure thermoplastic hoses can also be used (ZC-..., MC-...).

INDUSTRIAL FITTINGS - clips, clamps, ferrules

Crimping ferrules for industrial hoses - LDR, LD, LR types

LDR, LD, LR type ferrules designed to crimp stainless steel hygienic fittings (with serrated hose tail) of NH-..K-... type and hose fittings with tails for safety clamps - RS, e.g. TW-KRS-..., NH-..R-... on industrial hoses (rubber and plastic with textile reinforcement, optionally with steel wire reinforcement - suction-delivery hoses). Inside Dw and outside Dz hose diameter must be taken into account when selecting the ferrule. The length of the ferrule L can be slightly (several mm) longer than the length of the fitting's hose tail Lk. LR ferrules - only for fittings for safety clamps, LD - only for NH-..., K-... type fittings. Ferrules made of AISI 316 steel available on request.

code (galvanized steel)	code (AISI 304)	hose I.D.		D1 [mm]	D2 [mm]	D3 [mm]	L [mm]
		[inch]	[mm]				
-	TI-LD-024-08-SS	1/2	12+13	29.5	24	20	26
-	TI-LD-026-10-SS	5/8	16	31.5	26	21.4	26
-	TI-LD-030-12-SS	3/4	19+20	36	30	25	33
-	TI-LR-030-12-SS			37		27	
-	TI-LR-033-12-SS			40	33	47	
-	TI-LD-037-16-SS	1	25	43	37	32	33.5
TI-LR-037-16	TI-LR-037-16-SS			44		33	
TI-LD-040-16	TI-LD-040-16-SS			46	40	32	33.5
TI-LR-040-16	TI-LR-040-16-SS			47		33	
-	TI-LDR-042-20-SS	1.1/4	32	49	42	40	47
TI-LDR-045-20	TI-LDR-045-20-SS			52	45		
TI-LDR-048-20	TI-LDR-048-20-SS			55	48		
TI-LDR-050-24	TI-LDR-050-24-SS	1.1/2	38+40	58	50	45.8	48
TI-LDR-056-24	TI-LDR-056-24-SS			63.6	56	45.2	47
-	TI-LDR-062-32-SS	2	50+51	70	62	59	54
TI-LDR-064-32	TI-LDR-064-32-SS			72	64		
TI-LDR-068-32	TI-LDR-068-32-SS			76	68		
TI-LDR-071-32	TI-LDR-071-32-SS			79	71		
TI-LDR-073-32	TI-LDR-073-32-SS			81	73		
TI-LDR-078-40	TI-LDR-078-40-SS	2.1/2	63+65	86	78	74	68
TI-LDR-082-40	TI-LDR-082-40-SS			90	82		
TI-LDR-085-40	TI-LDR-085-40-SS			93	85		
TI-LDR-092-40	TI-LDR-092-40-SS			100	92		
TI-LDR-090-48	-			98	90		
TI-LDR-092-48	TI-LDR-092-48-SS	3	75+80	100	92	86	73
TI-LDR-095-48	TI-LDR-095-48-SS			103	95		
TI-LDR-098-48	TI-LDR-098-48-SS			106	98		
TI-LDR-114-48	TI-LDR-114-48-SS			123	114		
TI-LR-115-64	-			127	115		
-	TI-LD-119-64-SS	4	100+102	127	119	111	105
TI-LR-120-64	TI-LR-120-64-SS			128	120		73.5
TI-LD-123-64	TI-LD-123-64-SS			131	123		73.5
TI-LR-123-64	TI-LR-123-64-SS						105