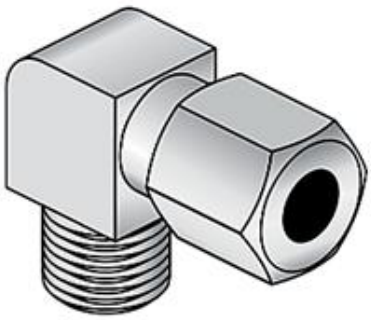
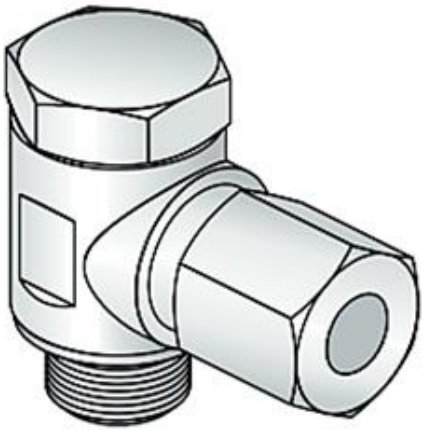
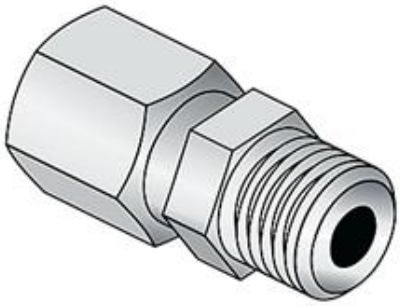
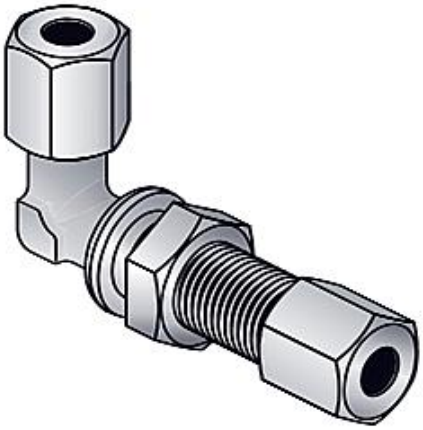
Lubrication Tube Fittings DIN 2353/ISO 8434-1 LL/L series

Lubrication Tube Fitting/Cutting Ring Fittings









Lubrication Tube Fittings Types:

DIN 2353 L LL S series ISO 8434-1 L series

Taper Thread of Metric and BSP

Shapes of Lubrication Tube Fittings

Straight

Elbow

Tee

Banjo

Match Port types Standards As Follows:

BSPP Port

Metric Port

Catalog of Lubrication Tube Fittings

Dimensions of Lubrication Tube Fittings

FITSCH

Lubrication Tube Fittings Introduction

Lubrication tube fittings is from DIN 24 degree cone tube ends or to taper thread stud ends, such as Metric taper and BSP taper thread,, it will be matched with port tapping parallel thread stands of BSPP Port and Metric Port, grease line compression fittings connect to tubes, tubing system, plastic tubes and hose lines, sealing by 24 degree cone end with DIN 3870 coupling nut and DIN 3861 cutting ring assembly.

Central lubrication system fittings are designed for high- pressure oil, fluid grease and grease lubrication systems with pressure up to 400 bar and more with an operating temperature range from -25 to 80° C. Depending on the operating pressure, the fittings are available in pressure series: LL (very light), L (light) and S (heavy). The pipe connections, threads and pressure series are defined in DIN EN ISO 8434-1 (formerly DIN2353).

Central lubrication tube fittings are used in applications such as :Automobile Agricultural, Marine, Truck, Construction Equipment, Machine Manufacturing Industries etc.

Types of lubrication tube fittings as follows:

Compression Nuts

Compression Sleeves

Male Stud Straight Connector

Male Union Straight Connector

Male Stud Elbow Connector

Male Union Elbow Connector

Male Union Tee Connector

Male Bulkhead Straight Connector

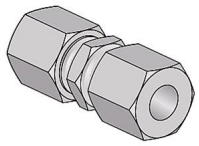
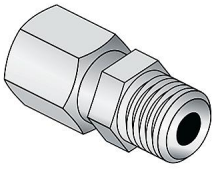
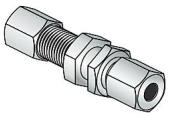
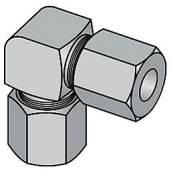
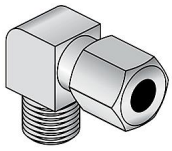
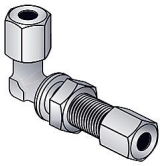
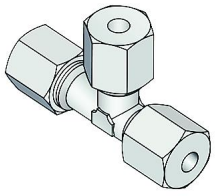
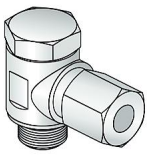
Male Bulkhead Elbow Connector

Male Banjo Elbow Swivel Connector

Female Banjo Elbow Swivel Connector

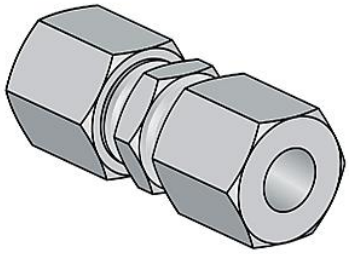
Overview catalogue Of Lubrication Tube Fittings Connectors

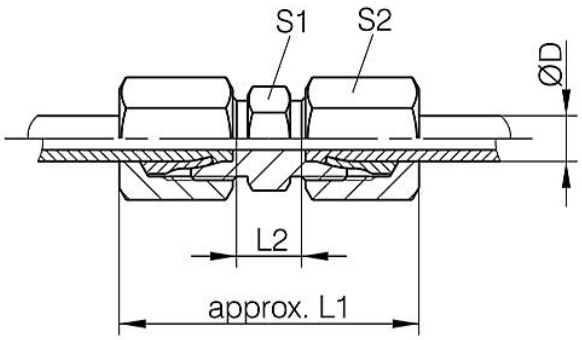
Central lubrication tube fitting is made of these shapes, from forging/shape material as follows:

G 1LL 1L 1S 	**GE-M-K/GE-R-K** 	**SV 6LL 6S** 
W 1LL9 1S9 	**WE-M-K/WE-R-K** 	**WSV 6LL9 6S9** 
T ALL 	**1LLI-M/1LLI-B** 	

G Male Straight Union Lubrication Fittings

DIN 24° cone end, ISO 8434-1/DIN 2353 straight union connector

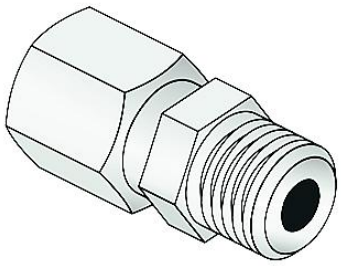


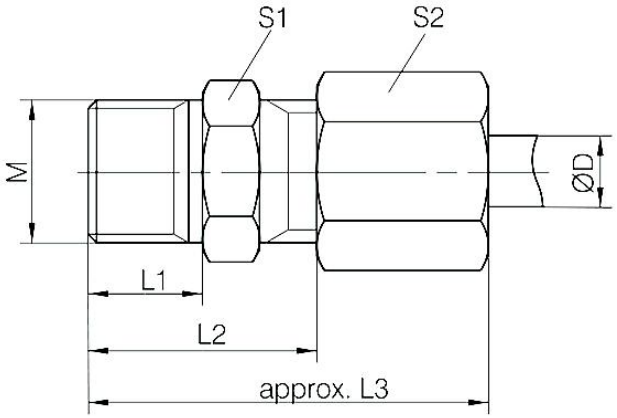


Part No.	ØD	Series	L1	L2	S1	S2	Cross reference	Bag
1LL-4	4	LL	31	12	9	10	G4LL	50
1LL-6	6	LL	32	9	11	12	G6LL	50
1L-6	6	L	39	10	12	14	G6L	50
1S-6	6	S	45	16	14	17	G6S	50
1LL-8	8	LL	35	12	12	14	G8LL	50
1L-8	8	L	40	11	14	17	G8L	50
1S-8	8	S	47	18	17	19	G8S	50
1LL-10	10	LL	42	10	17	19	G10L	50

GE-M-K GE-R-K Male Stud Straight Lubrication Fittings

DIN 24° cone end, ISO 8434-1/DIN 2353 to Metric Keg taper and BSP taper thread

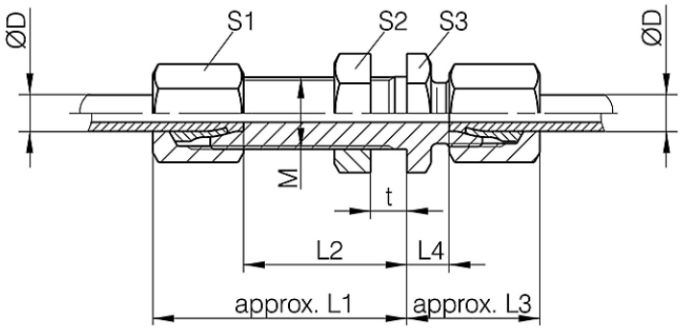


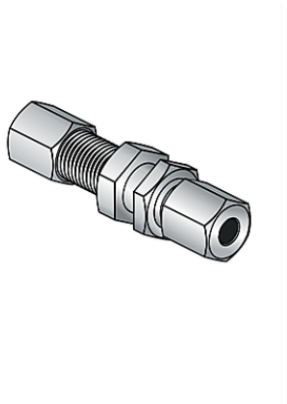


Part No.	ØD	Series	M	L1	L2	L3	S1	S2	Cross Reference	Bag
1LLM-4-6K	4	LL	M6x1k	8	16	26	10	10	GE4M6.1KLL	50
1LLM-4-8K	4	LL	M8x1k	8	16	26	10	10	GE4M8.1KLL	50
1LLM-4-10K	4	LL	M10x1k	9	14,5	26	11	12	GE4M10.1KLL	50
1LLM-6-6K	6	LL	M6x1k	8	14,5	26	11	12	GE6M6.1KLL	100
1LLM-6-8K	6	LL	M8x1k	8	14,5	26	11	12	GE6M8.1KLL	100
1LLM-6-10K	6	LL	M10x1k	9	14,5	26	11	12	GE6M10.1KLL	100
1LLR-6-2K	6	LL	R1/8"k	9	14,5	26	11	12	GE6R1/8KLL	100
1LLR-6-4K	6	S	R1/4"k	12	23,5	40	17	17	GE6R1/4KS	50
1LLM-8-10K	8	LL	M10x1k	9	16,5	28	12	14	GE8M10.1KLL	50
1LR-8-4K	8	L	R1/4"k	12	20	35	17	17	GE8R1/4KL	50

SV Male Straight Bulkhead Lubrication Fittings

DIN 24° cone end, ISO 8434-1/DIN 2353 to bulkhead straight connector



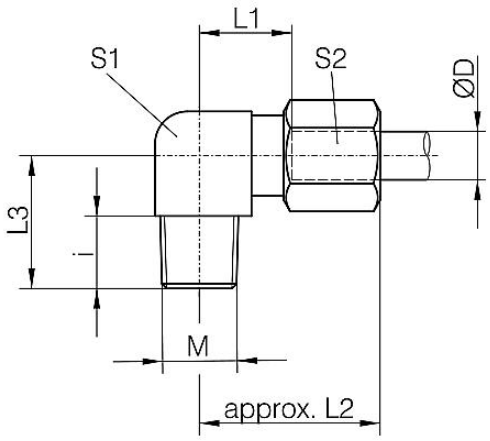


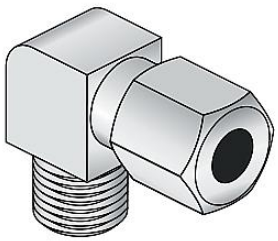
Part No.	ØD	Series	M	L1	L2	L3	L4	S1	S2	S3	tmax	Cross reference	Bag
6L-6	6	L	M12x1,5	42	27	22	7	14	17	17	16	SV06L	20
6L-8	8	L	M14x1,5	42	27	23	8	17	19	19	16	SV08L	20

WE-M-K WE-R-K Male Stud Elbow Lubrication Fittings

Lubrication Tube Fittings DIN 2353/ISO 8434-1 LL/L series

DIN 24° cone end, ISO 8434-1/DIN 2353 to Metric Keg taper and BSP taper thread elbow connector

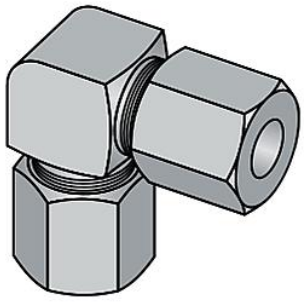


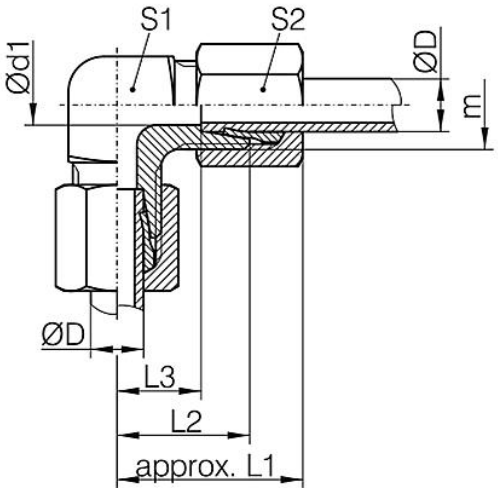


Part No.	ØD	Series	M	i	L1	L2	L3	S1	S2	Cross reference	bag
1LLM9-4-6K	4	LL	M6x1k	8	11	21	15	9	10	WE4M6.1KLL	50
1LLM9-4-8K	4	LL	M8x1k	8	11	21	17	9	10	WE4M8.1KLL	50
1LLM9-4-10K	4	LL	M10x1k	9	11	21	17	11	10	WE4M10.1KLL	50
1LLT9-4-2K	4	LL	R1/8"k	9	11	21	18	11	10	WE4R1/8KLL	50
1LLM9-6-6K	6	LL	M6x1k	8	9,5	21	15	11	12	WE6M6.1KLL	100
1LLM9-6-8K	6	LL	M8x1k	8	9,5	21	17	11	12	WE6M8.1KLL	100
1LLM9-6-10K	6	LL	M10x1k	9	9,5	21	17	11	12	WE6M10.1KLL	100
1LM9-6-10K	6	L	M10x1k	9	12	27	20	12	14	WE6M10.1KL	50
1LLR9-6-2K	6	LL	R1/8"k	9	10	22	17	11	12	WE6R1/8KLL	100
1SR9-6-4K	6	S	R1/4"k	12	16	31	27	14	17	WE6R1/4KS	50
1LLM9-8-10K	8	LL	M10x1k	9	11,5	23	20	12	14	WE8M10.1KLL	50
1LLR9-4-2K	8	LL	R1/8"k	9	11,5	23	20	12	14	WE8R1/8KLL	50
1LR9-8-4K	8	L	R1/4"k	12	14	29	27	14	17	WE8R1/4KL	50
1LR9-10-4K	10	L	R1/4"k	12	15	30	27	17	19	WE10R1/4KL	50
1LR9-12-6K	12	L	R3/8"k	12	17	32	28	19	22	WE12R3/8KL	50

W Male Elbow Union Lubrication Fittings

DIN 24° cone end, ISO 8434-1/DIN 2353 elbow union connector

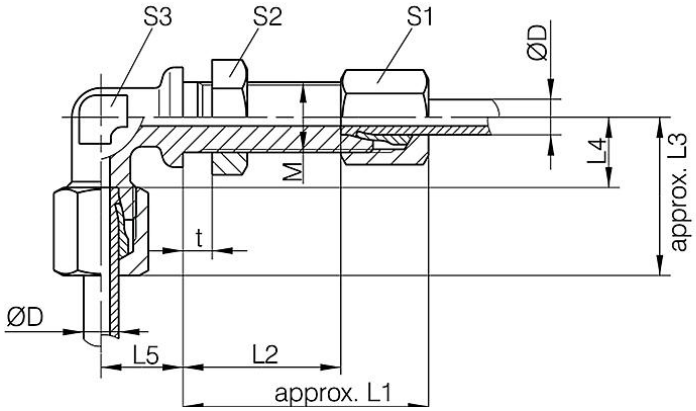


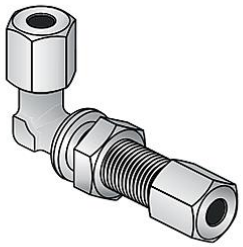


Designation	ØD	Series	m	L1	L2	L3	Ød1	S1	S2	Cross Reference	Bag
1LL9-4	4	LL	M8x1	21	15	11	3	9	10	W4LL	50
1LL9-6	6	LL	M10x1	21	15	9,5	4,5	9	12	W6LL	50
1LL9-8	8	LL	M12x1	23	17	11,5	6	12	14	W8LL	50
1L9-10	10	L	M16x1,5	30	22	15	8	14	19	W10L	50

WSV Male Elbow Bulkhead Lubrication Fittings

DIN 24° cone end, ISO 8434-1/DIN 2353 elbow bulkhead connector

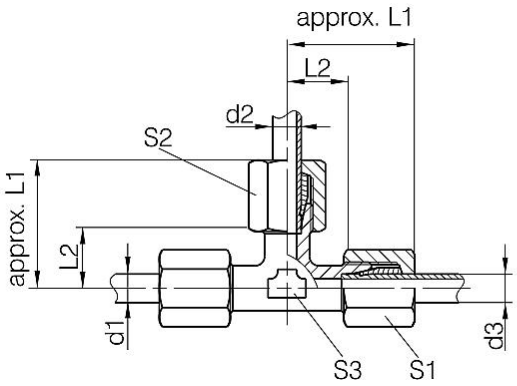


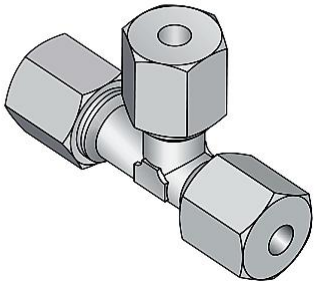


Part No.	ØD	Series	M	L1	L2	L3max	L4	L5	S1	S2	S3	tmax	Cross	Bag
6L-6	6	L	M12x1,5	42	27	27	12	14	14	17	12	16	WSV06L	50
6S-6	6	S	M14x1,5	44	29	31	16	17	17	19	12	16	WSV06S	50
6L-8	8	L	M14x1,5	42	27	29	14	17	17	19	12	16	WSV08L	50

T Male Tee Union Lubrication Fittings

DIN 24° cone end, ISO 8434-1/DIN 2353 tee union connector

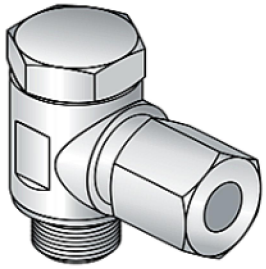


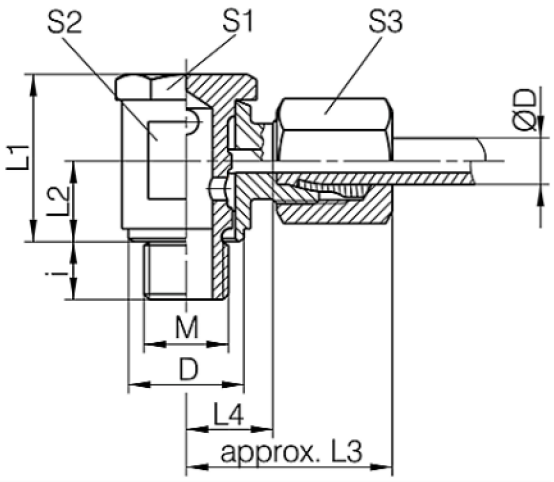


Part No.	d1	d2	d3	Series	L1	L2	S1	S2	S3	Cross	Bag
6LL9-4	4	4	4	LL	21	11	10	10	9	T4LL	50
6L9-6	6	6	6	L	27	12	12	12	14	T6L	50
6LL9-6	6	6	6	LL	21	9,5	12	12	11	T6LL	50
6S9-6	6	6	6	S	31	16	14	14	17	T6S	50
6L9-8	8	8	8	L	29	14	14	14	17	T8L	50
6LL9-8	8	8	8	LL	23	11,5	14	14	12	T8LL	50

1FMI/1FGI Female Banjo Lubrication Fittings
1CI-M/1CI-B Male Banjo Lubrication Fittings

DIN 2353 24° cone end, ISO 8434-1 male swivel banjo connector





Part No.	Series	ØD	M	i	D	L1	L2	L3	L4	S1	S2	S3	Cross
1LLI-4-10	LL	4	M10x1	6	10	20	9,5	22	10	14	14	10	1CI-04LL-10
1LLI-4-8	LL	4	M8x1	6	10	18	8	21	11,5	14	14	10	1CI-04LL-08
1LLI-6-8	LL	6	M8x1	6	10	20	9,5	22	10	14	14	12	1CI-06LL-08
1LLI-6-10	LL	6	M10x1	6	10	20	9,5	22	10	14	14	12	1CI-06LL-10
1LI-6-10	L	6	M10x1	6	14,5	22	10	26	11,5	14	17	14	1CI-06-10
1LI-6-2R	L	6	G1/8	6	14,5	22	10	26	11,5	14	17	14	1CI-06-B02