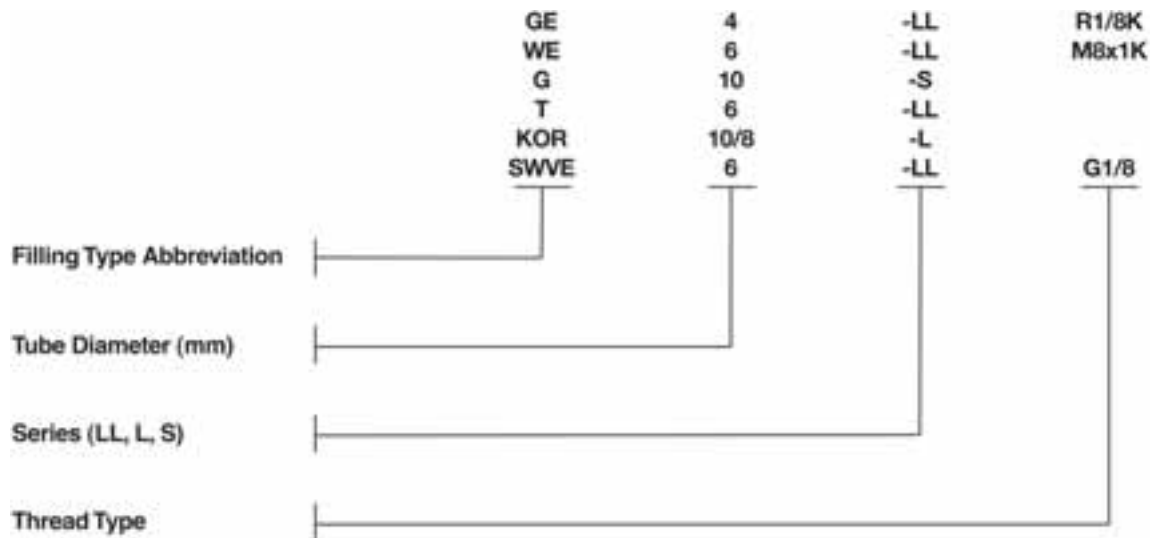


Connecting Elements, Screw-Type



Note: M = metric, R = BSPT, G = BSPP, K = conical

Series LL, L and S Selection

	LL	L		S	
design	very light	light		rigid	
tube diameter (mm)	4, 6, 8, 10, 12	6, 8, 10, 12, 15	22, 28	6, 8, 10, 12	16, 20, 30
nominal pressure	100 bar	315 bar	160 bar	630 bar	400 bar
max. pressure	250 bar	500 bar	250 bar	900 bar	420 bar
space requirement	very small	small		large	
typical application	<ul style="list-style-type: none"> ● lubrication point fittings ● Quicklub systems 			<ul style="list-style-type: none"> ● high-pressure systems ● heavy industry 	

Fitting Type Abbreviation

Type	Description
GE	male connector
WE	male elbow
G	union
T	union T
KOR	reducer
SWVE	connector and swivel

Male Connector GE



Standard Chromate-treated

Model	Part No.
GE4-LL M6x1K	223-12533-5
GE4-LL M8x1K	223-12271-8
GE4-LL M10x1K	223-13069-1
GE4-LL R1/8K	223-12270-8
GE6-LL M6x1K	223-12533-9
GE6-LL M8x1K	223-13023-1
GE6-LL M10x1K	223-12271-7
GE6-LL R1/8K	223-12270-7
GE6-LL 1/8NPT	223-12273-6
GE6-L M10x1	223-12571-2
GE6-L G1/8	223-13016-3
GE6-L G1/4	223-12477-8
GE6-L 1/4NPT	223-13766-2
GE6-S G1/4	223-12477-1
GE8-LL M10x1K	223-13021-1
GE8-LL R1/8K	223-12270-9
GE8-LL R1/4K	223-13621-6
GE8-L M12x1,5K	223-12361-6
GE8-L G1/4	223-12477-6
GE8-L 1/4NPT	223-12273-5
GE8-S G1/4	223-12477-2
GE8-S G3/8	223-13016-6
GE10-L G1/8	223-13621-9
GE10-L G1/4	223-12272-9
GE10-S 1/8NPT	223-13096-3
GE10-S G1/4	223-13016-9
GE10-S 1/4NPT	223-13096-2
GE10-S G1/2	223-13621-7
GE10-S G3/8	223-13016-4
GE10-S 3/8NPT	223-13096-6
GE12-L G3/8	223-12360-8
GE12-L 3/8NPT	223-13621-3
GE12-S G3/8	223-13016-7

Model	Part No.
GE15-L G3/8A	223-13621-8
GE16-S G3/8	223-13749-5
GE16-S G1/2	223-13621-1
GE20-S G1/2	223-12360-6
GE20-S G3/4	223-12359-6
GE22-L G1/2	223-13749-3
GE22-L G3/4	223-13016-2
GE30-S G1	223-13749-8
GE30-S G1-1/4	223-12360-2

High-grade Stainless Steel (1.4571)

Model	Part No.
GE4-LL M6x1K	223-13784-9
GE4-LL R1/8K	223-13614-8
GE4-LL 1/8NPT	223-13715-4
GE6-LL M6x1	223-13658-7
GE6-LL M8x1	223-13658-6
GE6-LL M10x1	223-13658-5
GE6-LL R1/8	223-13614-9
GE6-L G1/8	223-13658-2
GE6-L 1/8NPT	223-13784-2
GE6-L G1/4	223-13658-9
GE6-L 1/8NPT	223-13784-2
GE6-L G1/4	223-13658-9
GE8-LL G1/8	223-13658-1
GE8-L G1/4	223-12452-3
GE10-L G1/8	223-13658-8
GE10-L G1/4	223-12452-1
GE10-L 1/4NPT	223-13614-2
GE10-S G1/4	223-12452-9
GE10-S G3/8	223-12452-2
GE16-S G1/2	223-12452-7
GE20-S G3/4	223-12452-5
GE20-S G1/2	223-13658-4
GE22-L R3/4K	223-13784-5



Male Connector

Brass

Model	Part No.
GE4-LL R1/8K	223-12375-1
GE8-LL M10x1K	223-12376-3
GE8-L G1/4	223-12377-7
GE8-L 1/4NPT	223-13769-2
GE8-L G1/8	223-13769-4
GE10-L G1/4	223-12377-4
GE15-L G1/2	223-12377-8
GE20-S G1/2	223-12378-4
GE20-S G3/4	223-12377-9

Male Elbow WE Union G



Male Elbow

Standard Chromate-treated

Model	Part No.
WE4-LL M 6x1K	223-12533-6
WE4-LL M 8x1K	223-13021-5
WE4-LL M10x1K	223-13069-2
WE4-LL R1/8K	223-13021-4
WE6-LL M 6x1K	223-13023-2
WE6-LL M 8x1K	223-13023-3
WE6-LL M 8x1,25K	223-13763-4
WE6-LL M10x1K	223-13021-3
WE6-LL R1/8K	223-12485-9
WE6-LL 1/8NPT	223-13620-4
WE6-L R1/8K	223-13048-1
WE6-L R1/4K	223-12380-6
WE8-LL M10x1K	223-12362-4
WE8-LL R1/8K	223-13021-6
WE8-L M12x1,5K	223-12362-8
WE8-S R1/4K	223-13048-4
WE10-L R1/4K	223-13048-5
WE10-S R3/8K	223-13048-6
WE20-S G3/4A	223-12277-2
WE20-S 3/4NPT	223-13620-2

High-grade Stainless Steel (1.4571)

Model	Part No.
WE4-LL R1/8K	223-13677-8
WE6-LL M6x K	223-13677-4
WE6-LL M 6x1K (short thread)	223-14181-1
WE6-LL M8x1K	223-13677-2
WE6-LL M10x1K	223-13677-3
WE6-LL R1/8K	223-12453-7
WE6-L R1/8K	223-13620-8
WE6-L R1/4K	223-13794-1
WE6-L 1/4NPT	223-13677-9
WE6-S R1/4K	223-13620-1
WE8-LL R1/8K	223-13677-1
WE8-L R1/4K	223-13677-5
WE10-L R1/4K	223-12453-1

Standard Chromate-treated

Model	Part No.
G4-LL	223-12531-8
G6-LL	223-12482-9
G6-L	223-12482-2
G6-S	223-13049-1
G8-L	223-12482-6
G10-L	223-12531-2
G10-S	223-13049-3
G12-S	223-12278-9
G15-L	223-12531-6
G16-S	223-12531-4
G20-S	223-12363-2
G22-L	223-13049-7
G30-S	223-12363-6

High-grade Stainless Steel (1.4571)

Model	Part No.
G6-LL	223-12454-7
G8-L	223-13615-3
G10-L	223-13615-6
G10-S	223-12454-1
G12-S	223-13615-7
G15-L	223-12454-8
G16-S	223-12454-6
G20-S	223-12454-3
G22-L	223-13615-8
G30S	223-12454-5



Union

Brass

Model	Part No.
G6-L	223-12381-7
G8-L	223-12381-8
G10-L	223-13767-2
G10-S	223-12381-4
G15-L	223-12381-9
G20-S	223-12381-6

Union-Tee T Reducer KOR/RED



Standard Chromate-treated

Model	Part No.
T4-LL	223-12563-5
T6-LL	223-12484-9
T6-L	223-12484-2
T6-S	223-12563-7
T8-L	223-12484-6
T10-L	223-13057-5
T10-S	223-12563-9
T12-S	223-12281-9
T15-L	223-12563-2
T16-S	223-13057-2
T20-S	223-12366-2
T22-L	223-13057-4
T30-S	223-12366-6

High-grade Stainless Steel (1.4571)

Model	Part No.
T6-LL	223-10083-1
T6-L	223-12455-7
T6-S	223-13616-8
T8-L	223-12455-3
T10-L	223-13616-3
T10-S	223-12455-1
T12-S	223-12455-9
T15-L	223-13616-4
T16-S	223-12455-5
T20-S	223-12455-2
T22-L	223-13616-6
T30-S	223-12455-4



Union-Tee

Brass

Model	Part No.
T6-S	223-12384-2
T8-L	223-12384-6
T10-L	223-13792-1
T10-S	223-12384-4
T15-L	223-12384-8
T20-S	223-12384-7



Reducer

Standard Chromate-treated

Model	Part No.
RED10/6-L	223-10187-1
RED12/10-L	223-14293-2
RED15/8-L	223-14152-2
RED16/10-S	223-14293-1
RED20/10-S	223-12577-2
RED22/10-L	223-13759-8
RED25/10-S	223-12580-6
RED25/20-S	223-14293-3

High-grade Stainless Steel (1.4571/316Ti)

Model	Part No.
RED10/6-L	223-10040-1
RED12/10-S	223-14413-9
RED16/10-S	223-14297-1
RED20/10-S	223-14297-7
RED22/10-L	223-14297-9
RED30/10-S	223-14413-3

Brass

Model	Part No.
KOR15/8-L	223-13759-5
KOR15/10-L	223-12582-7
KOR20/10-S	223-13759-4

Reducer KOR/RED

These fittings are used to reduce from one size of tubing to a smaller size. KOR/RED fittings must be used in conjunction with the larger size G or T fittings. E.g. to reduce from 20 to 10 mm tube, use a G20-S and a RED20/10-S.