



LF 3600 push-in fittings for industrial and food applications



Principle of LF 3600 push-in fittings

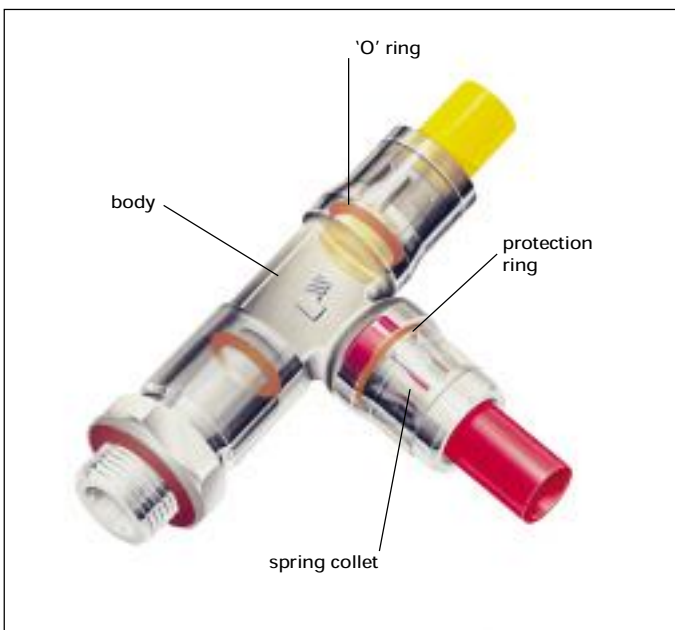


Its expertise in connection techniques and knowledge of market requirements now enable Legris to introduce a **new range of LF 3600 push-in fittings** optimized for a greater number of both **industrial and food applications**. **All metal** new LF 3600 (except sealing components) is compatible with many liquids and gases of average aggressiveness and is ideal for environments that require mechanical strength -incorporating high phosphorus chemical nickel plating that conforms to **FDA** standard (Food & Drug Administration). The principle of connection is based on a reliable high technology, rigorously tried and tested by Legris : instant manual **connection** and **disconnection**.

Technical conditions of use

These depend on the nature and thickness of the tube, the ambient temperature and that of the fluid conveyed.

Suitable fluids	All liquids and gases compatible with the materials of the fitting. Examples : food fluids, cleaning / cold and hot water, steam, oils.....					
Working pressure	0,5 to 20 bar					
Working temperature	from - 20° to + 120°C					
materials	body: high phosphorus FDA chemical nickel-plated brass ring: high phosphorus FDA chemical nickel-plated brass gripping teeth : high phosphorus FDA chemical nickel-plated brass sub-base: high phosphorus FDA chemical nickel-plated brass washer : FKM (FPM) fluoroelastomer conforming to FDA standard					
maximum tightening torque for LF 3600, BSPP and metric threads	thread	M5x0,8	G1/8	G1/4	G3/8	G1/2
	m. da N	0,16	0,8	1,2	3	3,5



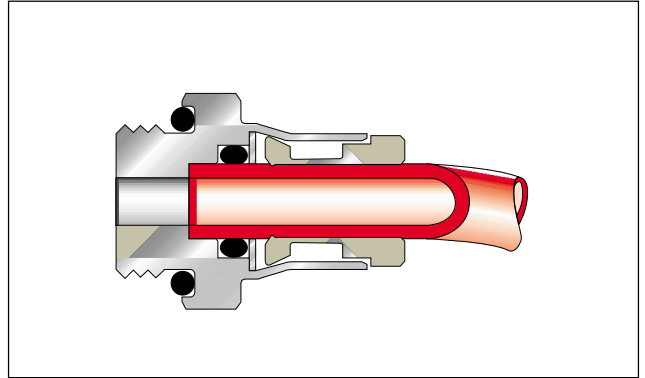
All items in the LF 3600 range are silicone free

Advantages

of LF 3600 push-in fittings

INCREASED PERFORMANCE

- **excellent resistance to abrasion and corrosion** due to high phosphorus chemical nickel plating, individually deposited on brass components.
- working temperature from -20° to $+120^{\circ}\text{C}$ due to "all metal" components (except sealing components)
- **full flow fluid passage**, no pressure drop
- **automatic sealing** of BSPP and metric versions via an integral sub-base washer



WIDE RANGE

- multiple configurations
- from \varnothing 4mm to 14 mm
- BSP taper, BSP parallel, metric and NPT threads
- ideal for many types of technical tubes

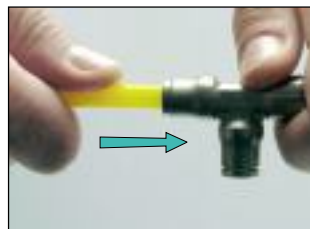
COMPACTNESS AND AESTHETICS

Each model has been redesigned to meet all requirements :

- compactness due to **small overall dimensions** with inter-connectability for bespoke configurations
- aesthetic with modernised external shapes

NUMEROUS APPLICATIONS

- suited to many **industries** including the **food industry** : ☞
- numerous suitable fluids (food fluids, cleaning / hot and cold water, steam, oil...)
- components and chemical nickel coating conforming to FDA standard
- **examples of applications** :
food and cleaning circuits, coffee machines, machine tools, centralised lubrication, soldering equipment



TIME SAVING CONNECTION AND DISCONNECTION

- **instant manual connection and disconnection**
- **easy installation**

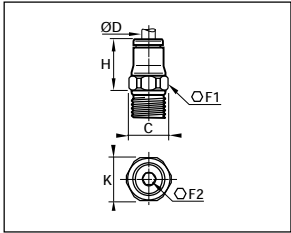


Our production process includes individual unit quality control and dating, for all LF 3600 push-in fittings, in order to guarantee their quality and traceability.

3675 male stud, BSP taper



ØD	C		F1	F2	H	K
4	R1/8	3675 04 10	10	3	15	11
4	R1/4	3675 04 13	14	3	15	15
6	R1/8	3675 06 10	13	4	17	14
6	R1/4	3675 06 13	14	4	17	15
8	R1/8	3675 08 10	15	5	19	16
8	R1/4	3675 08 13	15	6	18	16
8	R3/8	3675 08 17	17	6	18,5	18,5
10	R1/4	3675 10 13	18	7	23	19,5
10	R3/8	3675 10 17	18	8	22,5	19,5
12	R1/4	3675 12 13	20	7	25,5	22
12	R3/8	3675 12 17	20	9	24	22
12	R1/2	3675 12 21	22	10	23	24
14	R3/8	3675 14 17	22	9	27	24
14	R1/2	3675 14 21	24	11	26	26



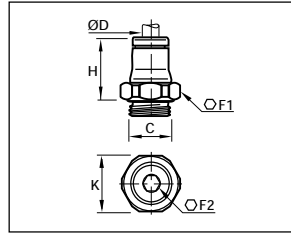
NPT

ØD	C		F1	F2	H	K
5/32	1/8	3675 04 11	11	3	15	12
5/32	1/4	3675 04 14	14	3	15	15
1/4	1/8	3675 56 11	13	5	17	14
1/4	1/4	3675 56 14	14	5	17	15
1/4	3/8	3675 56 18	18	5	17	19,5
3/8	1/8	3675 60 11	18	5	24,5	19,5
3/8	1/4	3675 60 14	18	7	24	19,5
3/8	3/8	3675 60 18	18	8	23	19,5
3/8	1/2	3675 60 22	22	8	23	24
1/2	3/8	3675 62 18	22	9	24	24
1/2	1/2	3675 62 22	22	10	24	24

3601 male stud, BSP parallel and metric



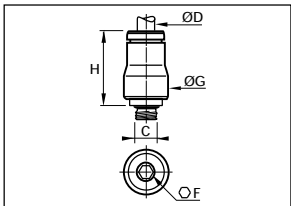
ØD	C		F1	F2	H	K
4	M5x0.8	3601 04 19	10	2,5	15,5	11
4	G1/8	3601 04 10	13	3	14,5	14
4	M6x1	3601 04 52	10	3	16	11
4	G1/4	3601 04 13	16	3	14,5	17,5
4	M8x1	3601 04 56	11	3	14,5	12
6	M5x0.8	3601 06 19	13	2,5	19	14
6	G1/8	3601 06 10	13	4	17,5	14
6	M10x1	3601 06 60	13	4	17,5	14
6	G1/4	3601 06 13	16	4	17	17,5
8	G1/8	3601 08 10	15	5	20	16
8	G1/4	3601 08 13	16	6	18	17,5
8	G3/8	3601 08 17	20	6	19	22
10	G1/4	3601 10 13	18	7	25	19,5
10	G3/8	3601 10 17	20	8	22,5	22
12	G1/4	3601 12 13	20	7	26,5	22
12	G3/8	3601 12 17	20	9	26	22
12	G1/2	3601 12 21	24	10	23,5	26
14	G3/8	3601 14 17	22	9	28	24
14	G1/2	3601 14 21	24	11	26,5	26



3681 male stud, metric thread



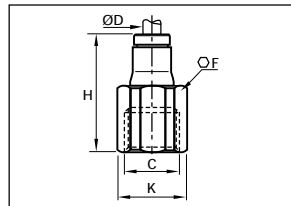
ØD	C		F	G	H
4	M5x0.8	3681 04 19	2,5	10	16



3614 female stud, BSP parallel and metric



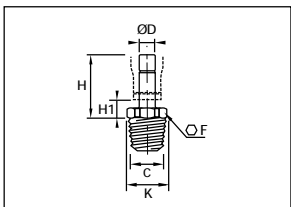
ØD	C		F	H	K
4	M5x0.8	3614 04 19	10	22	11
4	G1/8	3614 04 10	14	25	15
4	G1/4	3614 04 13	17	29	18,5
6	G1/8	3614 06 10	14	27,5	15
6	G1/4	3614 06 13	17	31,5	18,5
8	G1/8	3614 08 10	15	28,5	16
8	G1/4	3614 08 13	17	32,5	18,5
10	G3/8	3614 10 17	22	38	24
12	G3/8	3614 12 17	22	39	24
12	G1/2	3614 12 21	24	43,5	26



3621 male stud standpipe, BSP taper



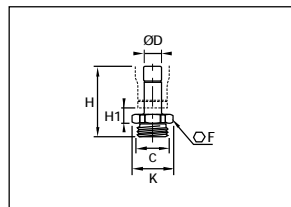
ØD	C		F	H	H1	K
4	R1/8	3621 04 10	10	21	7	11
4	R1/4	3621 04 13	14	21	7	15
6	R1/8	3621 06 10	10	23,5	6,5	11
6	R1/4	3621 06 13	10	23,5	6,5	15
8	R1/8	3621 08 10	10	24	6,5	11
8	R1/4	3621 08 13	14	24	6,5	15
10	R1/4	3621 10 13	14	22	6,5	15
10	R3/8	3621 10 17	17	30	7,5	18,5
12	R3/8	3621 12 17	17	31	7,5	18,5
12	R1/2	3621 12 21	22	38	7,5	24
14	R1/2	3621 14 21	22	33	8	24



3631 male stud standpipe, BSP parallel and metric



ØD	C		F	H	H1	K
4	M5x0.8	3631 04 19	13	25,5	7	14
4	G1/8	3631 04 10	16	26,5	7	17,5
4	G1/4	3631 04 13	8	25	7,5	8,7
6	G1/8	3631 06 10	13	28	6,5	14
6	G1/4	3631 06 13	16	29	6,5	17,5
8	G1/8	3631 08 10	13	28,5	6,5	14
8	G1/4	3631 08 13	16	29,5	6,5	17,5
8	G3/8	3631 08 17	20	30,5	7,5	22
10	G1/4	3631 10 13	16	34,5	6,5	17,5
10	G3/8	3631 10 17	20	35,5	7,5	22
10	G1/2	3631 10 21	24	37	7,5	26
12	G3/8	3631 12 17	20	36,5	7,5	22
12	G1/2	3631 12 21	24	38	7,5	26
14	G1/2	3631 14 21	24	40	8	26

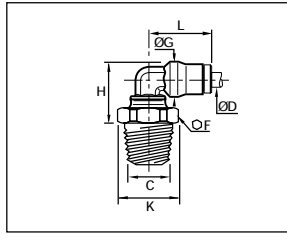


for industrial and food applications

3609 male stud elbow, BSP taper



ØD	C		F	G	H	K	L
4	R1/8	3609 04 10	11	10	15	12	18
4	R1/4	3609 04 13	14	10	17	15	18
6	R1/8	3609 06 10	11	12	17,5	12	21,5
6	R1/4	3609 06 13	14	12	19	15	21,5
8	R1/8	3609 08 10	11	15	19,5	12	23,5
8	R1/4	3609 08 13	14	15	21	15	23,5
8	R3/8	3609 08 17	17	15	21	18,5	23,5
10	R1/4	3609 10 13	15	17,5	23,5	16	29
10	R3/8	3609 10 17	17	17,5	25,5	18,5	29
12	R1/4	3609 12 13	15	19,5	26	16	31
12	R3/8	3609 12 17	17	19,5	28,5	18,5	31
12	R1/2	3609 12 21	21	19,5	28,5	23	31
14	R3/8	3609 14 17	19	21,5	29	21	34
14	R1/2	3609 14 21	24	21,5	30	26	34



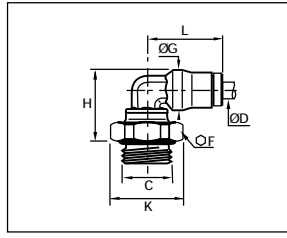
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ØD	C		F	G	H	K	L
5/32	1/8	3609 04 11	11	10	15	12	18
5/32	1/4	3609 04 14	14	10	17	15	18
1/4	1/8	3609 56 11	11	12,5	17,5	12	22
1/4	1/4	3609 56 14	14	12,5	19	15	22
1/4	3/8	3609 56 18	18	12,5	19	19,5	22
3/8	1/4	3609 60 14	15	17	23,5	16	29
3/8	3/8	3609 60 18	18	17	26	19,5	29
3/8	1/2	3609 60 22	22	17	27	24	29
1/2	3/8	3609 62 18	18	20	29	19,5	31
1/2	1/2	3609 62 22	22	20	29	24	31

3699 male stud elbow, BSP parallel and metric



ØD	C		F	G	H	K	L
4	M5x0.8	3699 04 19	10	10	18	11	18
4	G1/8	3699 04 10	13	10	17	14	18
4	M6x1	3699 04 52	10	10	18	11	18
4	G1/4	3699 04 13	16	10	17,5	17,5	18
4	M8x1	3699 04 56	11	10	18	12	18
6	G1/8	3699 06 10	13	12	19	14	21,5
6	M10x1	3699 06 60	13	12	19	14	21,5
6	G1/4	3699 06 13	16	12	19,5	17,5	21,5
8	G1/8	3699 08 10	13	15	20,5	14	23,5
8	G1/4	3699 08 13	16	15	21,5	17,5	23,5
8	G3/8	3699 08 17	20	15	21,5	22	23,5
10	G1/4	3699 10 13	16	17,5	27	17,5	29
10	G3/8	3699 10 17	20	17,5	25,5	22	29
12	G1/4	3699 12 13	16	19,5	29,5	17,5	31
12	G3/8	3699 12 17	20	19,5	28,5	22	31
12	G1/2	3699 12 21	24	19,5	28,5	26	31
14	G3/8	3699 14 17	20	21,5	29	22	34
14	G1/2	3699 14 21	24	21,5	29,5	26	34



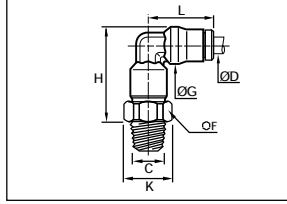
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ØD	C		F	G	H	K	L
5/32	10-32	3699 04 20	10	10	18	11	18

3629 extended male stud elbow, BSP taper



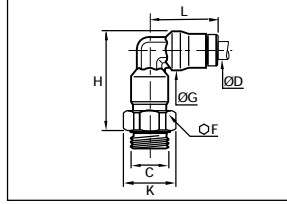
ØD	C		F	G	H	K	L
4	R1/8	3629 04 10	10	10	24,5	11	18
6	R1/8	3629 06 10	13	12	29,5	14	21,5
6	R1/4	3629 06 13	14	12	30,5	15	21,5
8	R1/8	3629 08 10	14	15	32,5	15	23,5
8	R1/4	3629 08 13	14	15	34	15	23,5
10	R1/4	3629 10 13	18	17,5	39	19,5	29



3669 extended male stud elbow, BSP parallel and metric



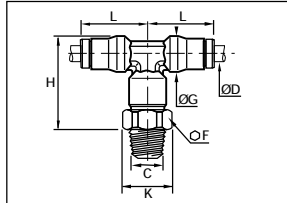
ØD	C		F	G	H	K	L
4	M5x0.8	3669 04 19	10	10	27,5	11	18
4	G1/8	3669 04 10	13	10	25,5	14	18
6	G1/8	3669 06 10	13	12	31	14	18
6	G1/4	3669 06 13	16	12	30,5	17,5	21,5
8	G1/8	3669 08 10	14	15	33,5	15	23,5
8	G1/4	3669 08 13	16	15	34	17,5	23,5
10	G1/4	3669 10 13	18	17,5	42	19,5	29
10	G3/8	3669 10 17	20	17,5	41	22	29
12	G1/4	3669 12 13	20	19,5	47	22	31
12	G3/8	3669 12 17	20	19,5	46	22	31



3608 male stud branch tee, BSP taper



ØD	C		F	G	H	K	L
4	R1/8	3608 04 10	10	10	24,5	11	18
6	R1/8	3608 06 10	13	12	29,5	14	21,5
6	R1/4	3608 06 13	14	12	30,5	15	21,5
8	R1/8	3608 08 10	14	15	32,5	15	23,5
8	R1/4	3608 08 13	14	15	34	15	23,5
10	R1/4	3608 10 13	18	17,5	39	19,5	29
12	R3/8	3608 12 17	20	19,5	46,5	22	31
14	R1/2	3608 14 21	22	21,5	50,5	24	34



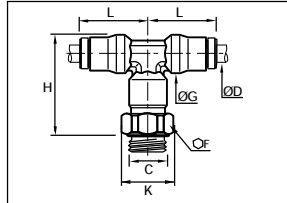
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ØD	C		F	G	H	K	L
5/32	1/8	3608 04 11	11	10	24,5	12	18
5/32	1/4	3608 04 14	14	10	26,5	15	18
1/4	1/8	3608 56 11	13	12,5	30	14	22
1/4	1/4	3608 56 14	14	12,5	31	15	22
1/4	3/8	3608 56 18	18	12,5	31	19,5	22
3/8	1/4	3608 60 14	18	17	39	19,5	29
3/8	3/8	3608 60 18	18	17	41	19,5	29
3/8	1/2	3608 60 22	22	17	41	24	39
1/2	3/8	3608 62 18	22	20	47	24	31
1/2	1/2	3608 62 22	22	20	48	24	31

3698 male stud branch tee, BSP parallel and metric



ØD	C		F	G	H	K	L
4	M5x0.8	3698 04 19	10	10	27,5	11	18
4	G1/8	3698 04 10	13	10	25,5	14	18
6	G1/8	3698 06 10	13	12	31	14	21,5
6	G1/4	3698 06 13	16	12	30,5	17,5	21,5
8	G1/8	3698 08 10	14	15	33,5	15	23,5
8	G1/4	3698 08 13	16	15	34	17,5	23,5
10	G1/4	3698 10 13	18	17,5	42	19,5	29
12	G3/8	3698 12 17	20	19,5	46	22	31
14	G1/2	3698 14 21	24	21,5	49	26	34



NPT

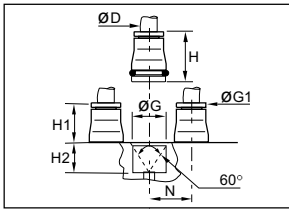
ØD	C		F	G	H	K	L
5/32	10-32	3698 04 20	10	10	28	11	18

= for food applications

3600 cartridge



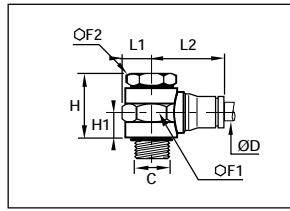
ØD		G	H1	H2	N
4	3600 04 00	10	9	8,5	
6	3600 06 00	12	11	8,5	
8	3600 08 00	15	12,5	8,5	
10	3600 10 00	17,5	14,5	10,5	
12	3600 12 00	19,5	15	10,5	
14	3600 14 00	21,5	16,5	12	



3618 single banjo, BSP parallel and metric



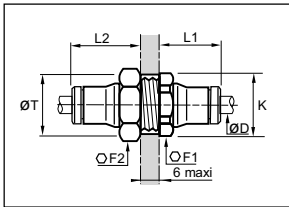
ØD	C		F1	F2	H	H1	L1	L2
4	M5x0.8	3618 04 19	10	8	14,5	6,5	6	18,5
4	G1/8	3618 04 10	17	14	23	9,5	10	20,5
6	M5x0.8	3618 06 19	10	8	15	7	6	22,5
6	G1/8	3618 06 10	17	14	23	9,5	10	23,5
6	G1/4	3618 06 13	22	17	22	9	13	25,5
8	G1/8	3618 08 10	17	14	23	9,5	10	26
8	G1/4	3618 08 13	22	17	22	9	13	27,5
10	G3/8	3618 10 17	22	22	33	14	13	32



3616 equal bulkhead connector



ØD		F1	F2	K	L1	L2	T
4	3616 04 00	13	14	14	14	20	12,5
6	3616 06 00	16	17	17,5	17	22	15
8	3616 08 00	18	19	19,5	18,5	23,5	17
10	3616 10 00	22	27	24	21,5	26,5	21
12	3616 12 00	24	24	26	23	27	23
14	3616 14 00	27	27	29,5	25,5	29,5	25

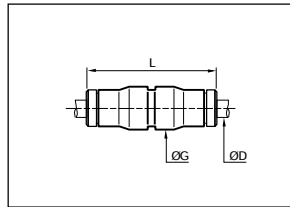


ØD		F1	F2	K	L1	L2	T
1/4	3616 56 00	16	17	17,5	17	22,5	15
3/8	3616 60 00	22	24	24	22	28	21,5
1/2	3616 62 00	27	30	29,5	22,5	29	26,5

3606 equal tube to tube connector



ØD		G	L
4	3606 04 00	10	30,5
6	3606 06 00	12	36,5
8	3606 08 00	15	37,5
10	3606 10 00	17,5	47,5
12	3606 12 00	19,5	50
14	3606 14 00	21,5	52,5

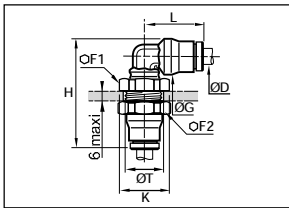


ØD		G	L
1/4	3606 56 00	12,5	36,5
3/8	3606 60 00	17	47,5
1/2	3606 62 00	20	48

3639 equal bulkhead elbow



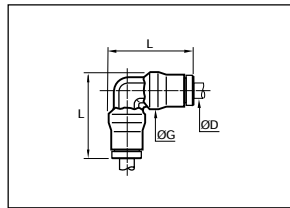
ØD		F1	F2	H	K	L	T
4	3639 04 00	13	14	35	14	18	12,5
6	3639 06 00	16	17	40,5	17,5	21,5	15
8	3639 08 00	18	19	44	19,5	23,5	17
10	3639 10 00	22	27	51	24	29	21
12	3639 12 00	24	24	55	26	31	23
14	3639 14 00	27	27	59	29,5	34	25



3602 equal elbow



ØD		G	L
4	3602 04 00	10	23
6	3602 06 00	12	28
8	3602 08 00	15	31
10	3602 10 00	17,5	37,5
12	3602 12 00	19,5	40,5
14	3602 14 00	21,5	45

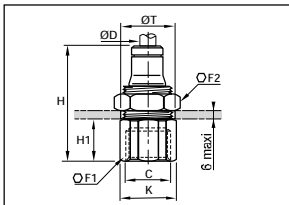


ØD		G	L
1/4	3602 56 00	12,5	28,5
3/8	3602 60 00	17	37,5
1/2	3602 62 00	20	41

3636 female bulkhead connector, BSP parallel



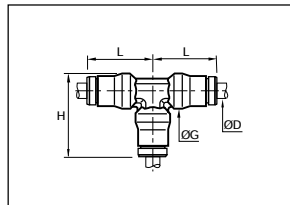
ØD	C		F1	F2	H	H1	K	T
4	G1/8	3636 04 10	14	14	30,5	11	15	13
6	G1/8	3636 06 10	17	17	33	11	18,5	15
6	G1/4	3636 06 13	17	17	37	15	18,5	15
8	G1/8	3636 08 10	19	19	34	10,5	21	17
8	G1/4	3636 08 13	19	19	38	14,5	21	17
10	G3/8	3636 10 17	22	27	42,5	16	24	21
12	G3/8	3636 12 17	24	24	43	16	26	23
12	G1/2	3636 12 21	27	24	48,5	21,5	29,5	23



3604 equal tee



ØD		G	H	L
4	3604 04 00	10	23	18
6	3604 06 00	12	28	21,5
8	3604 08 00	15	31	23,5
10	3604 10 00	17,5	37,5	29
12	3604 12 00	19,5	40,5	31
14	3604 14 00	21,5	45	34

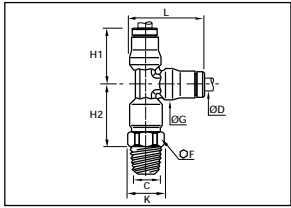


ØD		G	H	L
1/4	3604 56 00	12,5	28,5	22
3/8	3604 60 00	17	37,5	29
1/2	3604 62 00	20	41	31

3603 male stud run tee, BSP taper



ØD	C		F	G	H1	H2	K	L
4	R1/8	3603 04 10	10	10	18	19,5	11	23
6	R1/8	3603 06 10	13	12	21,5	23,5	14	28
6	R1/4	3603 06 13	14	12	21,5	24,5	15	28
8	R1/8	3603 08 10	14	15	23,5	25	15	31
8	R1/4	3603 08 13	14	15	23,5	26,5	15	31
10	R1/4	3603 10 13	18	17,5	29	30,5	19,5	37,5
12	R3/8	3603 12 17	20	19,5	31	36,5	22	40,5
14	R1/2	3603 14 21	22	21,5	34	40	24	45



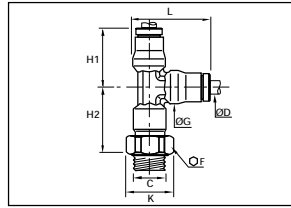
NPT

ØD	C		F	G	H1	H2	K	L
5/32	1/8	3603 04 11	11	10	18	19,5	12	23
5/32	1/4	3603 04 14	14	10	18	21,5	15	23
1/4	1/8	3603 56 11	13	12,5	22	23,5	14	28,5
1/4	1/4	3603 56 14	14	12,5	22	24,5	15	28,5
1/4	3/8	3603 56 18	18	12,5	22	24,5	19,5	28,5
3/8	1/4	3603 60 14	18	17	29	30,5	19,5	37,5
3/8	3/8	3603 60 18	18	17	29	32,5	19,5	37,5
3/8	1/2	3603 60 22	22	17	29	32,5	24	37,5
1/2	3/8	3603 62 18	22	20	31	37	24	41
1/2	1/2	3603 62 22	22	20	31	38	24	41

3693 male stud run tee, BSP parallel and metric



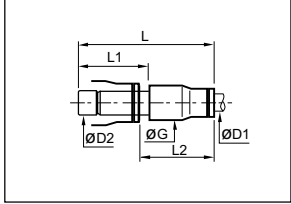
ØD	C		F	G	H1	H2	K	L
4	M5x0.8	3693 04 19	10	10	18	22,5	11	23
4	G1/8	3693 04 10	13	10	18	20,5	14	23
6	G1/8	3693 06 10	13	12	21,5	25	14	28
6	G1/4	3693 06 13	16	12	21,5	24,5	17,5	28
8	G1/8	3693 08 10	14	15	23,5	26,5	15	31
8	G1/4	3693 08 13	16	15	23,5	26,5	17,5	31
10	G1/4	3693 10 13	18	17,5	29	33	19,5	37,5
12	G3/8	3693 12 17	20	19,5	31	36,5	22	40,5
14	G1/2	3693 14 21	24	21,5	34	38,5	26	45



3666 plug-in reducer



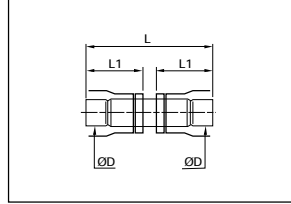
ØD1	ØD2		G	L	L1	L2
4	6	3666 04 06	10	35	19,5	18
4	8	3666 04 08	10	35,5	20	18
6	8	3666 06 08	12	38	20	20,5
6	10	3666 06 10	12	43,5	25	21
8	10	3666 08 10	15	44	25	21,5
8	12	3666 08 12	15	44	26	20,5
10	12	3666 10 12	17,5	50	26	27
12	14	3666 12 14	19,5	53	28	28,5



3620 double male stem connector



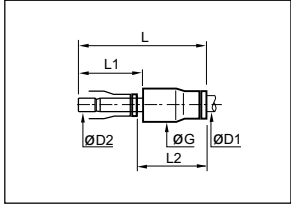
ØD		L	L1
4	3620 04 00	31	14
6	3620 06 00	36,5	17
8	3620 08 00	37,5	17,5
10	3620 10 00	47,5	22,5
12	3620 12 00	49,5	23,5
14	3620 14 00	53	25



3668 plug-in increaser



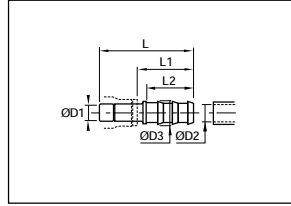
ØD1	ØD2		G	L	L1	L2
6	4	3668 06 04	12	36	17	21,5



3622 plug-in barbed connector



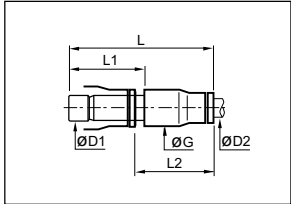
ØD1	ØD2	ØD3		L	L1	L2
4	3,2	5	3622 04 53	40,5	27	22,5
4	5	7	3622 04 05	40,5	27	22,5
6	5	7	3622 06 05	43	27	22,5
8	6,3	8,3	3622 08 56	42	25	22,5
8	8	10	3622 08 08	44	27	22,5
10	6,3	10	3622 10 56	47,5	25,5	22,5
10	8	8,3	3622 10 08	47,5	25,5	22,5
12	8	10	3622 12 08	48,5	25,5	22,5
12	10	12	3622 12 10	48,5	25,5	22,5
12	12,5	14,5	3622 12 62	57	34	29,5
14	12,5	14,5	3622 14 62	57,5	33	29,5
14	14	16	3622 14 14	59,5	35	29,5



3667 plug-in metric/imperial adaptor



ØD1	ØD2		G	L	L1	L2
4	3/16	3667 04 55				
6	1/4	3667 06 56	12,5	38,5	19,5	21
10	3/8	3667 10 60	17	49,5	25	27
12	1/2	3667 12 62	20	51	26	27,5



3626 blanking plug



ØD1	ØD2		L	L1	L2
4	6	3626 04 00	25,5	17	11,5
6	8	3626 06 00	30,5	19,5	13,5
8	10	3626 08 00	33	20	16
10	12	3626 10 00	40	25	18
12	14	3626 12 00	43	26	20
14	16	3626 14 00	47	28	22,5

