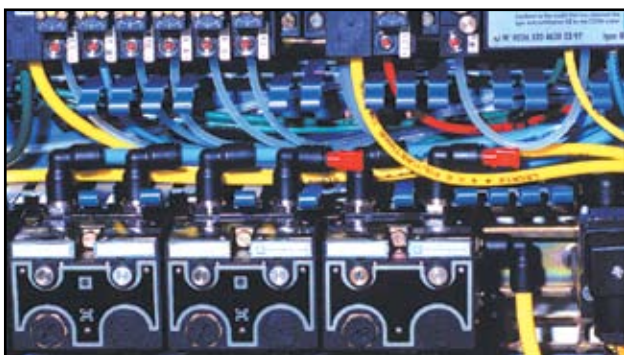




pneumatic push-to-connect fittings system LF3000®

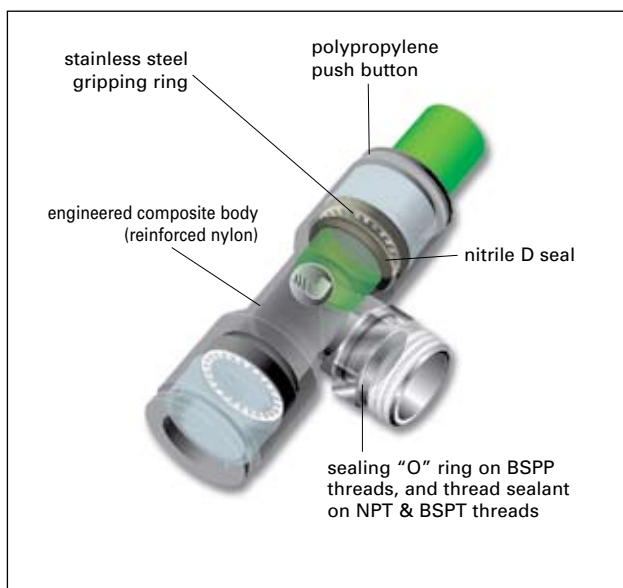


Principle of system LF3000®



technical specifications

Reliable performance is dependent upon the tube being used, ambient temperature and fluid conveyed together with the component materials of the fitting.



All items in the LF3000® range are
guaranteed SILICONE FREE

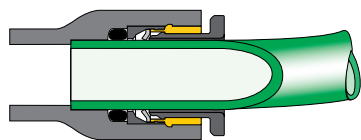
Invented and launched by **Legris** in 1969, the **LF3000® system** has become universally adopted. It has been designed using a simple and widely proven operating principle which allows instant connection. The **connection** of tube to fitting is made by simply pushing the tube into the fitting, no other operation is required. **Disconnection** is similarly "**instantaneous**". Attentive to market needs, **Legris** has taken into account the requirements of its customers, i.e. optimization of performance, miniaturization, and appearance. In order to be utilized to its maximum capability, the **LF3000® system** is available in 3 ranges:

- for fractional **inch tubes** with **NPT threads**.
- for fractional **inch tubes** with **BSP threads in taper form**.
- for **metric tubes** with **BSP threads in taper, parallel or metric form**.

Millions of fittings are in service throughout the world. Designed for pneumatic installations, the **LF3000® system** is therefore an essential component in a wide variety of industries.

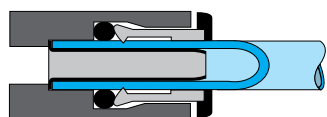
suitable fluids	compressed air							
working pressure	290 psi maximum for LF3000® gripping ring (260 psi maximum for LF3000 collet technology) Maximum circuit pressure depends equally on the type and diameter of the tube used. <i>For use on very low pressures, please consult us.</i>							
working temperature	-4°F to + 175°F, LF3000® gripping ring (+5°F to 155°F, LF3000 collet technology) The fitting's suitability depends equally on the type and OD of the tube used. <i>For temperatures above 175°F, please consult us.</i>							
vacuum capability	vacuum of 28" Hg (99% vacuum)							
materials of construction	body: glass reinforced nylon 6.6 collar: nylon gripping ring: stainless steel D seal: nitrile "O" rings: nitrile base: nickel-plated brass with thread sealant on tapered components and captive seal on parallel threads collet: brass (found only in collet technology fittings)							
maximum tightening torque for LF3000 fittings:	NPT & BSPT taper thread	10/32	1/8"	1/4"	3/8"	1/2"		
	in. lb	13	70	100	250	308		
	parallel thread	M3 x0.5	M5 x0.8	M7 x1	G1/8"	G1/4"	G3/8"	G1/2"
	in. lb	5	14	70	70	100	266	300

gripping ring technology



1/8", 5/32", 1/4", 5/16", 3/8", 1/2"
4mm, 6mm, 8mm, 10mm, 12mm, 14mm

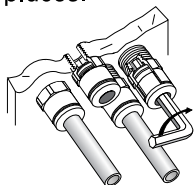
collet technology



3/16"

performance and reliability

- **full flow:** as gripping and sealing within the fitting is achieved using the outside of the tube without deformation, there is no flow restriction. Smallest orifice inside the fitting is = or > than the ID of the tube.
- **automatic sealing:** the D seal within the fitting provides a positive seal on the O.D. of the tube, in both static and dynamic positions, due to an **optimized design** of the fitting cavity.
- **internal hex:** allows ease of assembly in tight places.



immediate seal of threads

- for **tapered threaded fittings**, due to pre-applied teflon thread sealant.
- for **parallel threaded fittings**, due to a patented built in captive "O" ring seal.



one of the most extensive ranges on the market

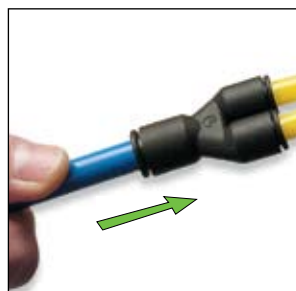
- **a solution for all applications:** wide variety of body designs and numerous configurations, from 1/8" to 1/2" and 3mm to 14mm diameters.
- **types of thread:** NPT, BSP taper, BSP parallel and metric.
- **special items:** on request.

compact and aesthetic

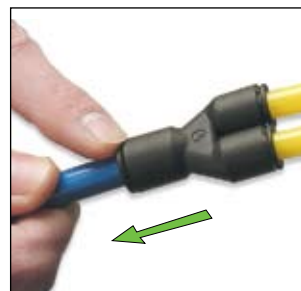
- optimized dimensions and new body designs, to satisfy the **ergonomics** and **aesthetics** of **pneumatic installations**.

orientable at base

- ease of assembly
- no over/under torquing



Simply push the tubing until it can go no further. Holding and sealing is accomplished instantaneously.



First depress the manual release button, then pull the tubing out of the fitting.

instant connection & disconnection

- **instant** connection and disconnection without the use of tools.
- time saving.
- 1 piece fitting.
- reusable
- **release caps:** available in 6 colors, to **identify** different circuits. Fittings come standard with a black push button.

You can find LF3000® push-to-connect fittings on legris.com

online catalog



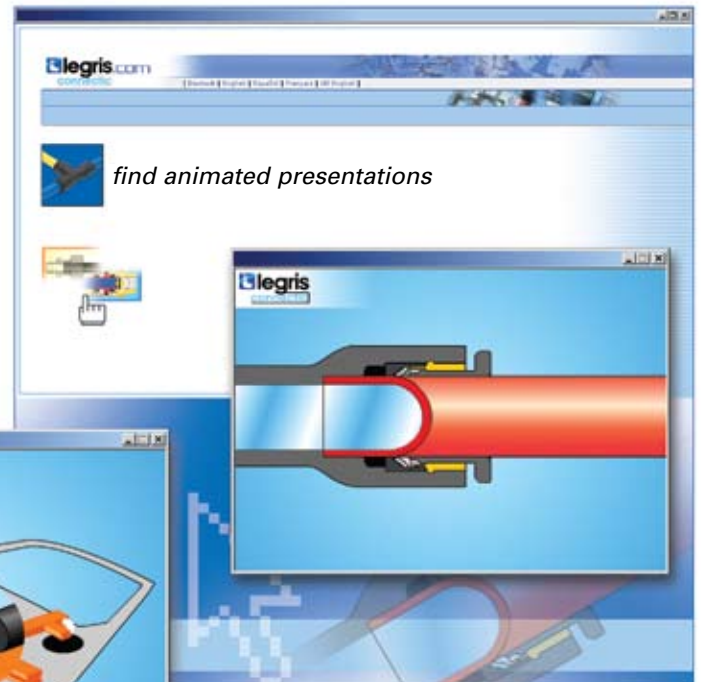
- with the **online catalog**, regularly updated, you can easily find the whole range of **LF3000®** for inch and metric tubing.
- you can find a product quickly with 3 search options.
- you can get a complete product datasheet with a photo, technical drawing and specifications
- you can ask for a quotation from our distributors
- you can download CAD drawings for free



training module



- with the **training module** designed to optimize performance of your installations, you will find **animated presentations** of LF3000® fittings and their functions.
- instant connection and disconnection
- applications and solutions to match your equipment requirements



Discover Complimentary Legris Products:

As the inventor of the push-to-connect fitting, Legris continues to develop product and application solutions. Today's product offering is the result of years of innovation, development and focus on customer needs. To compliment its line of fittings, Legris also offers the products below.



Multi-Connector *inch and metric OD with 7 or 12 tube outlets*

- For ease of installation, each tube outlet is numbered
- location pin prevents assembly errors
- cap helps guide the tubes and protects connections



Mini Ball Valves *inch and metric OD - NPT and BSPP*

- 3 types of mounting provide suitable options for every application
- screwdriver slot allows opening and closing when access is difficult



Stainless Steel Flow Control *inch OD - NPT*

- all stainless steel construction offers excellent resistance to aggressive environments & fluids
- suitable for many industries - chemical, food, packaging, medical & wash-down applications



Stainless Steel Check Valves *NPT and BSPP*

- allows air to pass in one direction while blocking flow in the other direction
- all stainless steel construction offers excellent resistance to aggressive environments and fluids



Quick Exhaust Valves *NPT*

- increases system efficiency & the speed of a cylinder
- purges cylinder exhaust air at the cylinder port rather than the control valve



Lockable Slide Valves *NPT*

- used for immediate isolation of the air line by venting the system to atmosphere
- safety feature - can be padlocked to prevent unintended operation



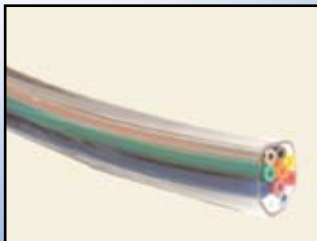
Stainless Steel Silencers *NPT and BSPP*

- reduces equipment noise
- all stainless steel construction offers excellent resistance to aggressive environments & fluids



Safety Blowgun *1/4" NPT*

- conforms to OSHA standards 1910.242 and 1910.95
- available with nickel-plated body and black powder coated body



Multi-Bundled Tubing *Inch in polyurethane Metric in nylon*

- perfect tubing for multi-connectors
- excellent solution to neatly color code a pneumatic system



Tube Cutter

- makes a square cut every time
- for tubing and hoses up to 1"
- spare blades available

Available in the widest range of fractional inch and metric sizes, Legris has designed products specifically for food, safety, medical, packaging, and automotive industries.

For more information, go to www.legris.com.

tube to tube fittings

Visual identification of products

3106 56 00	= fractional inch
3106 06 00	= metric

3106 union - fractional inch and metric tube to tube

ØD in		
1/8		3106 53 00
5/32		3106 04 00
3/16		3106 55 00
1/4		3106 56 00
5/16		3106 08 00
3/8		3106 60 00
1/2		3106 62 00
ØD mm		
3		3106 03 00
4		3106 04 00
6		3106 06 00
8		3106 08 00
10		3106 10 00
12		3106 12 00
14		3106 14 00

3106 unequal union - fractional inch and metric tube to tube

ØD1 in	ØD2 in	
1/8	5/32	3106 53 04
1/8	1/4	3106 53 56
5/32	1/4	3106 04 56
1/4	5/16	3106 56 08
3/8	1/4	3106 60 56
3/8	1/2	3106 60 62
ØD1 mm	ØD2 mm	
3	4	3106 03 04
4	6	3106 04 06
4	8	3106 04 08
6	8	3106 06 08
6	10	3106 06 10
8	10	3106 08 10
10	12	3106 10 12
12	14	3106 12 14

3106 converters - metric to fractional inch

ØD1	ØD2	
6mm	1/4	3106 06 56
3/8	10mm	3106 60 10
12mm	1/2	3106 12 62

3104 tee - fractional inch and metric tube to tube

ØD in		
1/8		3104 53 00
5/32		3104 04 00
3/16		3104 55 00
1/4		3104 56 00
5/16		3104 08 00
3/8		3104 60 00
1/2		3104 62 00
ØD mm		
3		3104 03 00
4		3104 04 00
6		3104 06 00
8		3104 08 00
10		3104 10 00
12		3104 12 00
14		3104 14 00

3104 unequal tee - fractional inch and metric tube to tube

ØD1 in	ØD2 in	
1/8	1/4	3104 53 56
5/32	1/4	3104 04 56
1/4	1/8	3104 56 53
1/4	5/32	3104 56 04
1/4	3/8	3104 56 60
3/8	1/4	3104 60 56
3/8	1/2	3104 60 62
1/2	1/4	3104 62 56
1/2	3/8	3104 62 60
ØD1 mm	ØD2 mm	
4	6	3104 04 06
6	4	3104 06 04
6	8	3104 06 08
8	6	3104 08 06
8	10	3104 08 10
10	8	3104 10 08
10	12	3104 10 12
12	10	3104 12 10

3144 double "Y" - fractional inch and metric

ØD1 in	ØD2 in	
5/32	1/4	3144 04 56
ØD1 mm	ØD2 mm	
4	4	3144 04 04
6	6	3144 06 06
4	6	3144 04 06
6	8	3144 06 08

3102 union elbow - fractional inch and metric tube to tube

ØD in		
1/8		3102 53 00
5/32		3102 04 00
3/16		3102 55 00
1/4		3102 56 00
5/16		3102 08 00
3/8		3102 60 00
1/2		3102 62 00
ØD mm		
4		3102 04 00
6		3102 06 00
8		3102 08 00
10		3102 10 00
12		3102 12 00
14		3102 14 00

3102 unequal union elbow - fractional inch and metric tube to tube

ØD1 in	ØD2 in	
1/8	1/4	3102 53 56
5/32	1/4	3102 04 56
3/8	1/4	3102 60 56
3/8	1/2	3102 60 62
ØD1 mm	ØD2 mm	
4	6	3102 04 06
6	8	3102 06 08
8	10	3102 08 10
10	12	3102 10 12

3140 "Y" - fractional inch and metric tube to tube

ØD in		
1/8		3140 53 00
5/32		3140 04 00
1/4		3140 56 00
5/16		3140 08 00
3/8		3140 60 00
ØD mm		
4		3140 04 00
6		3140 06 00
8		3140 08 00
10		3140 10 00
12		3140 12 00

3140 unequal "Y" - fractional inch and metric tube to tube

ØD1 in	ØD2 in	
1/8	1/4	3140 53 56
5/32	1/4	3140 04 56
1/4	3/8	3140 56 60
ØD1 mm	ØD2 mm	
4	6	3140 04 06
6	8	3140 06 08
8	10	3140 08 10
10	12	3140 10 12

bulkhead connector fittings

3036 female bulkhead connector - fractional inch tube to NPT

ØD in	NPT	
1/8	1/8	3036 53 11
5/32	1/8	3036 04 11
5/32	1/4	3036 04 14
1/4	1/8	3036 56 11
1/4	1/4	3036 56 14
3/8	1/4	3036 60 14
3/8	3/8	3036 60 18

3136 female bulkhead connector - metric tube to BSPP

ØD mm	BSPP	
4	G1/8	3136 04 10
4	G1/4	3136 04 13
6	G1/8	3136 06 10
6	G1/4	3136 06 13
6	G3/8	3136 06 17
8	G1/8	3136 08 10
8	G1/4	3136 08 13
10	G3/8	3136 10 17
12	G3/8	3136 12 17
12	G1/2	3136 12 21

3116 bulkhead union - fractional inch and metric tube to tube

ØD in		
1/8		3116 53 00
5/32		3116 04 00
1/4		3116 56 00
5/16		3116 08 00
3/8		3116 60 00
1/2		3116 62 00
ØD mm		
4		3116 04 00
6		3116 06 00
8		3116 08 00
10		3116 10 00
12		3116 12 00
14		3116 14 00

3146 mixed bulkhead connector - metric tube to tube

ØD mm		
4		3146 04 00
6		3146 06 00
8		3146 08 00
10		3146 10 00
12		3146 12 00
14		3146 14 00

3156 plug-in bulkhead union - fractional inch tube to tube

ØD in		
5/32		3156 04 00
1/4		3156 56 00
5/16		3156 58 00
3/8		3156 60 00
1/2		3156 62 00

3139 equal bulkhead elbow - fractional inch and metric tube to tube

ØD in		
1/8		3139 53 00
1/4		3139 56 00
3/8		3139 60 00
1/2		3139 62 00
ØD mm		
4		3139 04 00
6		3139 06 00
8		3139 08 00
10		3139 10 00
12		3139 12 00
14		3139 14 00

threaded fittings

3014 straight female connector - fractional inch tube to NPT

ØD in	NPT	
1/8	1/8	3014 53 11
1/8	1/4	3014 53 14
5/32	1/8	3014 04 11
5/32	1/4	3014 04 14
3/16	1/8	3014 55 11
3/16	1/4	3014 55 14
1/4	1/8	3014 56 11
1/4	1/4	3014 56 14
5/16	1/8	3014 08 11
5/16	1/4	3014 08 14
3/8	1/8	3014 60 11
3/8	1/4	3014 60 14
3/8	3/8	3014 60 18
1/2	3/8	3014 62 18
1/2	1/2	3014 62 22

3114 straight female connector - metric tube to BSPP or M5

ØD mm	M5/BSPP	
4	M5x0.8	3114 04 19
4	G1/8	3114 04 10
4	G1/4	3114 04 13
6	G1/8	3114 06 10
6	G1/4	3114 06 13
8	G1/8	3114 08 10
8	G1/4	3114 08 13
8	G3/8	3114 08 17
10	G1/4	3114 10 13
10	G3/8	3114 10 17
10	G1/2	3114 10 21
12	G3/8	3114 12 17
12	G1/2	3114 12 21
14	G3/8	3114 14 17

3109 male elbow - fractional inch tube to NPT or UNF

ØD in	NPT/UNF	
1/8	10-32	3109 53 20
1/8	1/16	3109 53 08
1/8	1/8	3109 53 11
1/8	1/4	3109 53 14
5/32	10-32	3109 04 20
5/32	1/8	3109 04 11
5/32	1/4	3109 04 14
3/16	1/8	3109 55 11
1/4	10-32	3109 56 20
1/4	1/8	3109 56 11
1/4	1/4	3109 56 14
1/4	3/8	3109 56 18
5/16	1/8	3109 08 11
5/16	1/4	3109 08 14
5/16	3/8	3109 08 18
3/8	1/8	3109 60 11
3/8	1/4	3109 60 14
3/8	3/8	3109 60 18
3/8	1/2	3109 60 22
1/2	1/4	3109 62 14
1/2	3/8	3109 62 18
1/2	1/2	3109 62 22

3109 male elbow - metric tube to male BSPT

ØD mm	BSPT	
4	R1/8	3109 04 10
4	R1/4	3109 04 13
6	R1/8	3109 06 10
6	R1/4	3109 06 13
6	R3/8	3109 06 17
6	R1/2	3109 06 21
8	R1/8	3109 08 10
8	R1/4	3109 08 13
8	R3/8	3109 08 17
8	R1/2	3109 08 21
10	R1/8	3109 10 10
10	R1/4	3109 10 13
10	R3/8	3109 10 17
10	R1/2	3109 10 21
12	R1/4	3109 12 13
12	R3/8	3109 12 17
12	R1/2	3109 12 21
14	R3/8	3109 14 17
14	R1/2	3109 14 21

3101 male connector - metric tube to male BSPP, M3, M5, or M7

ØD mm	metric/BSPP	
3	M3x0.5	3101 03 09
3	M5x0.8	3101 03 19
4	M3x0.5	3101 04 09
4	M5x0.8	3101 04 19
4	M7x1	3101 04 55
4	G1/8	3101 04 10
4	G1/4	3101 04 13
6	M5x0.8	3101 06 19
6	M7x1	3101 06 55
6	G1/8	3101 06 10
6	G1/4	3101 06 13
6	G3/8	3101 06 17
6	G1/2	3101 06 21
8	G1/8	3101 08 10
8	G1/4	3101 08 13
8	G3/8	3101 08 17
8	G1/2	3101 08 21
10	G1/4	3101 10 13
10	G3/8	3101 10 17
10	G1/2	3101 10 21
12	G1/4	3101 12 13
12	G3/8	3101 12 17
12	G1/2	3101 12 21
14	G3/8	3101 14 17
14	G1/2	3101 14 21

3199 male elbow - metric tube to BSPP, M3, M5, or M7

ØD mm	metric/BSPP	
3	M3x0.5	3199 03 09
3	M5x0.8	3199 03 19
4	M3x0.5	3199 04 09
4	M5x0.8	3199 04 19
4	M7x1	3199 04 55
4	G1/8	3199 04 10
4	G1/4	3199 04 13
6	M5x0.8	3199 06 19
6	M7x1	3199 06 55
6	G1/8	3199 06 10
6	G1/4	3199 06 13
6	G3/8	3199 06 17
6	G1/2	3199 06 21
8	G1/8	3199 08 10
8	G1/4	3199 08 13
8	G3/8	3199 08 17
8	G1/2	3199 08 21
10	G1/4	3199 10 13
10	G3/8	3199 10 17
10	G1/2	3199 10 21
12	G1/4	3199 12 13
12	G3/8	3199 12 17
12	G1/2	3199 12 21
14	G3/8	3199 14 17
14	G1/2	3199 14 21

3129 extended male elbow - fractional inch and metric tube to NPT or BSPT

ØD in	NPT	
1/8	1/8	3129 53 11
1/8	1/4	3129 53 14
5/32	1/8	3129 04 11
5/32	1/4	3129 04 14
1/4	1/8	3129 56 11
1/4	1/4	3129 56 14
1/4	3/8	3129 56 18
5/16	1/8	3129 08 11
5/16	1/4	3129 08 14
3/8	1/8	3129 60 11
3/8	1/4	3129 60 14
3/8	3/8	3129 60 18
ØD mm	BSPT	
4	R1/8	3129 04 10
4	R1/4	3129 04 13
6	R1/8	3129 06 10
6	R1/4	3129 06 13
6	R1/8	3129 08 10
6	R1/4	3129 08 13
8	R1/8	3129 08 10
8	R1/4	3129 08 13
8	R3/8	3129 08 17
10	R1/4	3129 10 13
10	R3/8	3129 10 17
10	R1/2	3129 10 21
12	R1/4	3129 12 13
12	R3/8	3129 12 17
12	R1/2	3129 12 21
14	R3/8	3129 14 17
14	R1/2	3129 14 21

3171/3181 male connector - fractional inch and metric tube to UNF, M5 or M7

ØD in	UNF/metric	
1/8	10-32	3171 53 20
5/32	10-32	3171 04 20
1/4	10-32	3171 56 20
1/4	M5	3181 56 19
1/4	M7	3181 56 55
ØD mm	M7	
4	M7x1	3181 04 55
6	M7x1	3181 06 55

3175 male connector - fractional inch and metric tube to NPT or BSPT

ØD in	NPT	
1/8	1/16	3175 53 08
1/8	1/8	3175 53 11
1/8	1/4	3175 53 14
5/32	1/8	3175 04 11
5/32	1/4	3175 04 14
3/16	1/8	3175 55 11
3/16	1/4	3175 55 14
1/4	1/8	3175 56 11
1/4	1/4	3175 56 14
1/4	3/8	3175 56 18
5/16	1/8	3175 08 11
5/16	1/4	3175 08 14
5/16	3/8	3175 08 18
3/8	1/8	3175 60 11
3/8	1/4	3175 60 14
3/8	3/8	3175 60 18
3/8	1/2	3175 60 22
1/2	1/4	3175 62 14
1/2	3/8	3175 62 18
1/2	1/2	3175 62 22
ØD mm	BSPT	
4	R1/8	3175 04 10
4	R1/4	3175 04 13
6	R1/8	3175 06 10
6	R1/4	3175 06 13
6	R3/8	3175 06 17
6	R1/2	3175 06 21
8	R1/8	3175 08 10
8	R1/4	3175 08 13
8	R3/8	3175 08 17
8	R1/2	3175 08 21
10	R1/8	3175 10 10
10	R1/4	3175 10 13
10	R3/8	3175 10 17
10	R1/2	3175 10 21
12	R1/4	3175 12 13
12	R3/8	3175 12 17
12	R1/2	3175 12 21
14	R3/8	3175 14 17
14	R1/2	3175 14 21

Hybrids Available:
• fractional inch tube to male BSPT
• metric tube to male NPT

3169 extended male elbow - fractional inch and metric tube to UNF, BSPP, or metric

ØD in	UNF/M7	
1/8	10-32	3169 53 20
5/32	10-32	3169 04 20
1/4	10-32	3169 56 20
1/4	M7	3169 56 55
ØD mm	BSPP/metric	
4	M5x0.8	3169 04 19
4	M7x1	3169 04 55
4	G1/8	3169 04 10
4	G1/4	3169 04 13
6	M5x0.8	3169 06 19
6	M7x1	3169 06 55
6	G1/8	3169 06 10
6	G1/4	3169 06 13
8	G1/8	3169 08 10
8	G1/4	3169 08 13
8	G3/8	3169 08 17
10	G1/4	3169 10 13
10	G3/8	3169 10 17
10	G1/2	3169 10 21
12	G1/4	3169 12 13
12	G3/8	3169 12 17
12	G1/2	3169 12 21
14	G3/8	3169 14 17
14	G1/2	3169 14 21

3108 male branch tee - fractional inch tube to male NPT or UNF to tube

	ØD in	UNF/ NPT	
	1/8	10-32	3108 53 20
	1/8	1/16	3108 53 08
	1/8	1/8	3108 53 11
	1/8	1/4	3108 53 14
	5/32	10-32	3108 04 20
	5/32	1/8	3108 04 11
	5/32	1/4	3108 04 14
	3/16	1/8	3108 55 11
	1/4	1/8	3108 56 11
	1/4	1/4	3108 56 14
	1/4	3/8	3108 56 18
	5/16	1/8	3108 08 11
	5/16	1/4	3108 08 14
	5/16	3/8	3108 08 18
	3/8	1/8	3108 60 11
	3/8	1/4	3108 60 14
	3/8	3/8	3108 60 18
	3/8	1/2	3108 60 22
	1/2	1/4	3108 62 14
	1/2	3/8	3108 62 18
	1/2	1/2	3108 62 22

Hybrids Available:

- fractional inch tube to male BSPT
- metric tube to male NPT

3108 male branch tee - metric tube to male BSPT to tube

	ØD mm	BSPT	
	4	R1/8	3108 04 10
	4	R1/4	3108 04 13
	6	R1/8	3108 06 10
	6	R1/4	3108 06 13
	8	R1/8	3108 08 10
	8	R1/4	3108 08 13
	8	R3/8	3108 08 17
	10	R1/4	3108 10 13
	10	R3/8	3108 10 17
	10	R1/2	3108 10 21
	12	R1/4	3108 12 13
	12	R3/8	3108 12 17
	12	R1/2	3108 12 21
	14	R3/8	3108 14 17
	14	R1/2	3108 14 21

3198 male branch tee - metric tube to BSPP or M5 to tube

	ØD mm	M5/ BSPP	
	4	M5x0.8	3198 04 19
	4	G1/8	3198 04 10
	4	G1/4	3198 04 13
	6	M5x0.8	3198 06 19
	6	G1/8	3198 06 10
	6	G1/4	3198 06 13
	8	G1/8	3198 08 10
	8	G1/4	3198 08 13
	8	G3/8	3198 08 17
	10	G1/4	3198 10 13
	10	G3/8	3198 10 17
	10	G1/2	3198 10 21
	12	G1/4	3198 12 13
	12	G3/8	3198 12 17
	12	G1/2	3198 12 21

3008 female branch tee - fractional inch tube to NPT

	ØD in	NPT	
	1/8	1/8	3008 53 11
	5/32	1/8	3008 04 11
	5/32	1/4	3008 04 14
	1/4	1/8	3008 56 11
	1/4	1/4	3008 56 14
	5/16	1/8	3008 08 11
	5/16	1/4	3008 08 14
	3/8	1/4	3008 60 14
	1/2	3/8	3008 62 18

3112 double "Y" male - metric tube to BSPT

	ØD mm	BSPT	
	4	R1/8	3112 04 10
	4	R1/4	3112 04 13
	6	R1/8	3112 06 10
	6	R1/4	3112 06 13

3132 double "Y" male - metric tube to BSPP

	ØD mm	BSPP	
	4	G1/8	3132 04 10
	4	G1/4	3132 04 13
	6	G1/8	3132 06 10
	6	G1/4	3132 06 13

3103 male run tee - fractional inch tube to tube to male NPT or UNF

	ØD in	UNF/ NPT	
	1/8	10-32	3103 53 20
	1/8	1/16	3103 53 08
	1/8	1/8	3103 53 11
	5/32	10-32	3103 04 20
	5/32	1/8	3103 04 11
	5/32	1/4	3103 04 14
	3/16	1/8	3103 55 11
	1/4	1/8	3103 56 11
	1/4	1/4	3103 56 14
	1/4	3/8	3103 56 18
	5/16	1/8	3103 08 11
	5/16	1/4	3103 08 14
	5/16	3/8	3103 08 18
	3/8	1/8	3103 60 11
	3/8	1/4	3103 60 14
	3/8	3/8	3103 60 18
	3/8	1/2	3103 60 22
	1/2	1/4	3103 62 14
	1/2	3/8	3103 62 18
	1/2	1/2	3103 62 22

Hybrids Available:

- metric tube to male NPT

3103 male run tee - metric tube to tube to male BSPT

	ØD mm	BSPT	
	4	R1/8	3103 04 10
	4	R1/4	3103 04 13
	6	R1/8	3103 06 10
	6	R1/4	3103 06 13
	8	R1/8	3103 08 10
	8	R1/4	3103 08 13
	8	R3/8	3103 08 17
	10	R1/4	3103 10 13
	10	R3/8	3103 10 17
	10	R1/2	3103 10 21
	12	R1/4	3103 12 13
	12	R3/8	3103 12 17
	12	R1/2	3103 12 21
	14	R3/8	3103 14 17
	14	R1/2	3103 14 21

3193 male run tee - metric tube to tube to male BSPP or M5

	ØD mm	M5/ BSPP	
	4	M5x0.8	3193 04 19
	4	G1/8	3193 04 10
	4	G1/4	3193 04 13
	6	M5x0.8	3193 06 19
	6	G1/8	3193 06 10
	6	G1/4	3193 06 13
	8	G1/8	3193 08 10
	8	G1/4	3193 08 13
	8	G3/8	3193 08 17
	10	G1/4	3193 10 13
	10	G3/8	3193 10 17
	10	G1/2	3193 10 21
	12	G1/4	3193 12 13
	12	G3/8	3193 12 17
	12	G1/2	3193 12 21
	14	G3/8	3193 14 17
	14	G1/2	3193 14 21

3009 female elbow - fractional inch tube to NPT

	ØD in	NPT	
	1/8	1/8	3009 53 11
	5/32	1/8	3009 04 11
	5/32	1/4	3009 04 14
	1/4	1/8	3009 56 11
	1/4	1/4	3009 56 14
	5/16	1/8	3009 08 11
	5/16	1/4	3009 08 14
	3/8	1/4	3009 60 14
	1/2	3/8	3009 62 18

3192 female elbow - metric tube to BSPP

	ØD mm	BSPP	
	4	G1/8	3192 04 10
	4	G1/4	3192 04 13
	6	G1/8	3192 06 10
	6	G1/4	3192 06 13
	8	G1/8	3192 08 10
	8	G1/4	3192 08 13
	8	G3/8	3192 08 17
	10	G1/4	3192 10 13
	10	G3/8	3192 10 17
	10	G1/2	3192 10 21
	12	G1/4	3192 12 13
	12	G3/8	3192 12 17
	12	G1/2	3192 12 21

3121 male standpipe - fractional inch to NPT

	ØD in	NPT	
	5/32	1/8	3121 04 11
	5/32	1/4	3121 04 14
	1/4	1/8	3121 56 11
	1/4	1/4	3121 56 14
	5/16	1/8	3121 08 11
	5/16	1/4	3121 08 14
	3/8	1/8	3121 60 11
	3/8	1/4	3121 60 14
	3/8	3/8	3121 60 18
	1/2	3/8	3121 62 18
	1/2	1/2	3121 62 22

3121 male standpipe - metric to BSPT

	ØD mm	BSPT	
	4	R1/8	3121 04 10
	4	R1/4	3121 04 13
	6	R1/8	3121 06 10
	6	R1/4	3121 06 13
	8	R1/8	3121 08 10
	8	R1/4	3121 08 13
	8	R3/8	3121 08 17
	10	R1/4	3121 10 13
	10	R3/8	3121 10 17
	10	R1/2	3121 10 21
	12	R3/8	3121 12 17
	12	R1/2	3121 12 21
	14	R1/2	3121 14 21

3131 male standpipe - fractional inch and metric to UNF, BSPP, or M5

	ØD in	UNF	
	5/32	10-32	3131 04 20
	ØD mm	M5/ BSPP	
	4	M5x0.8	3131 04 19
	4	G1/8	3131 04 10
	4	G1/4	3131 04 13
	6	G1/8	3131 06 10
	6	G1/4	3131 06 13
	8	G1/8	3131 08 10
	8	G1/4	3131 08 13
	8	G3/8	3131 08 17
	10	G1/4	3131 10 13
	10	G3/8	3131 10 17
	10	G1/2	3131 10 21
	12	G3/8	3131 12 17
	12	G1/2	3131 12 21

3148 "Y" male - fractional inch tube to NPT

	ØD in	NPT	
	5/32	1/8	3148 04 11
	5/32	1/4	3148 04 14
	1/4	1/8	3148 56 11
	1/4	1/4	3148 56 14
	3/8	1/4	3148 60 14
	3/8	3/8	3148 60 18

3148 "Y" male - metric tube to BSPT

	ØD mm	BSPT	
	4	R1/8	3148 04 10
	4	R1/4	3148 04 13
	6	R1/8	3148 06 10
	6	R1/4	3148 06 13
	8	R1/8	3148 08 10
	8	R1/4	3148 08 13
	8	R3/8	3148 08 17
	10	R1/4	3148 10 13
	10	R3/8	3148 10 17
	10	R1/2	3148 10 21
	12	R3/8	3148 12 17
	12	R1/2	3148 12 21

3158 "Y" male - metric tube to BSPP or M5

	ØD mm	M5/ BSPP	
	4	M5x0.8	3158 04 19
	4	G1/8	3158 04 10
	4	G1/4	3158 04 13
	6	M5x0.8	3158 06 19
	6	G1/8	3158 06 10
	6	G1/4	3158 06 13
	8	G1/8	3158 08 10
	8	G1/4	3158 08 13
	8	G3/8	3158 08 17
	10	G1/4	3158 10 13
	10	G3/8	3158 10 17
	10	G1/2	3158 10 21
	12	G3/8	3158 12 17
	12	G1/2	3158 12 21

self-sealing fittings

3160 self-sealing plug-in fitting - metric

ØD mm	
4	3160 04 00
6	3160 06 00
8	3160 08 00

3391 self-sealing male fitting - metric tube to BSPP

ØD mm	BSPP	
4	G1/8	3391 04 10
6	G1/8	3391 06 10
8	G1/8	3391 08 10
10	G3/8	3391 10 17

3091 self-sealing male fitting - fractional inch and metric tube to NPT or BSPT

ØD in	NPT	
5/32	1/8	3091 04 11
1/4	1/8	3091 56 11
1/4	1/4	3091 56 14
3/8	1/4	3091 60 14
3/8	3/8	3091 60 18
ØD mm	BSPT	
4	R1/8	3091 04 10
6	R1/8	3091 06 10
8	R1/8	3091 08 10
8	R1/4	3091 08 13
10	R3/8	3091 10 17

Download LF3000® CAD drawings from the online catalog at www.legris.com.

manifold connectors

3107 equal cross - fractional inch and metric

ØD in	
5/32	3107 04 00
1/4	3107 56 00
5/16	3107 08 00
ØD mm	
4	3107 04 00
6	3107 06 00
8	3107 08 00

3107 unequal cross - metric

ØD1 mm	ØD2 mm	
4	6	3107 04 06
6	8	3107 06 08
4	6	3107 06 04*
6	8	3107 08 06*

*this model provides 3 outlets of ØD1 & 1 outlet of ØD2

3315 manifold with LF3000 push-to-connect ports - fractional inch

ØD in	NPT	# of ports	
1/8	1/4	8	3315 53 14
5/32	1/4	8	3315 04 14
1/4	1/4	8	3315 56 14
3/8	3/8	6	3315 60 18

3310 manifold with LF3000 push-to-connect ports - metric

ØD mm	BSPP	# of ports	
4	G1/4	8	3310 04 13
6	G1/4	8	3310 06 13
8	G3/8	6	3310 08 17
10	G1/2	6	3310 10 21
12	G1/2	6	3310 12 21

3305 monobloc manifold with threaded or LF3000 push-to-connect ports - fractional inch

ØD in	NPT	# of ports	
5/32"	1/4	8	3305 54 14
1/4"	1/4	4	3305 56 14
1/8"	1/4	4	3305 11 14
	NPT		

3304 multiple tee with mounting holes - fractional inch and metric

ØD1 in	ØD2 in	
1/4	5/32	3304 56 04
1/4	1/4	3304 56 56*
5/16	5/32	3304 08 04
3/8	1/4	3304 60 56
ØD1 mm	ØD2 mm	
6	4	3304 06 04
8	4	3304 08 04
8	6	3304 08 06
10	6	3304 10 06
10	8	3304 10 08

*collet technology

3306 double multiple tee with mounting holes - fractional inch and metric

ØD1 in	ØD2 in	
1/4	5/32	3306 56 04
1/4	1/4	3306 56 56
5/16	5/32	3306 08 04
3/8	1/4	3306 60 56
ØD1 mm	ØD2 mm	
6	4	3306 06 04
8	4	3306 08 04
8	6	3306 08 06
10	6	3306 10 06
10	8	3306 10 08

banjos

3049/3149 twin banjo - fractional inch & metric tube to NPT, UNF, BSPP or M5

ØD in	UNF/ NPT	
5/32	10-32	3149 04 20
5/32	1/8	3049 04 11
1/4	1/8	3049 56 11
1/4	1/4	3049 56 14
3/8	1/4	3049 60 14
3/8	3/8	3049 60 18
ØD mm	M5/ BSPP	
4	M5x0.8	3149 04 19*
4	G1/8	3149 04 10
6	G1/8	3149 06 10
6	G1/4	3149 06 13
8	G1/4	3149 08 13
8	G3/8	3149 08 17
10	G3/8	3149 10 17

*with screwdriver slot

3018 banjo - fractional inch tube to NPT

ØD in	NPT	
5/32	1/8	3018 04 11
1/4	1/8	3018 56 11
1/4	1/4	3018 56 14
1/4	3/8	3018 56 18
3/8	1/4	3018 60 14
3/8	3/8	3018 60 18

3018 banjo - metric tube to BSPT

ØD mm	BSPT	
4	R1/8	3018 04 10
6	R1/8	3018 06 10
6	R1/4	3018 06 13
8	R1/8	3018 08 10
8	R1/4	3018 08 13
8	R3/8	3018 08 17
10	R1/4	3018 10 13
10	R3/8	3018 10 17
12	R1/4	3018 12 13
12	R3/8	3018 12 17
12	R1/2	3018 12 21

3118 banjo - fractional inch tube to 10-32 UNF

ØD in	UNF	
1/8	10-32	3118 53 20*
5/32	10-32	3118 04 20*
1/4	10-32	3118 56 20*

*with screwdriver slot

3118 banjo - metric tube to BSPP, M3 or M5

ØD mm	BSPP/ metric	
3	M3x0.5	3118 03 09*
3	M5x0.8	3118 03 19*
4	M5x0.8	3118 04 19*
4	G1/8	3118 04 10
6	M5x0.8	3118 06 19*
6	G1/8	3118 06 10
6	G1/4	3118 06 13
8	G1/8	3118 08 10
8	G1/4	3118 08 13
8	G3/8	3118 08 17
10	G1/4	3118 10 13
10	G3/8	3118 10 17
12	G3/8	3118 12 17

*with screwdriver slot

3133/3113 45° male elbow - **fractional** inch tube to male NPT or UNF

ØD in	UNF/ NPT	
1/8	10-32	3133 53 20
1/8	1/8	3113 53 11
1/4	1/8	3113 56 11
1/4	1/4	3113 56 14
1/4	M7	3113 56 55
3/8	1/4	3113 60 14
3/8	3/8	3113 60 18

3113 45° male elbow - **metric** tube to male BSPT

ØD mm	BSPT	
4	R1/8	3113 04 10
6	R1/8	3113 06 10
6	R1/4	3113 06 13
8	R1/8	3113 08 10
8	R1/4	3113 08 13
8	R3/8	3113 08 17
10	R1/4	3113 10 13
10	R3/8	3113 10 17
10	R1/2	3113 10 21
12	R1/4	3113 12 13
12	R3/8	3113 12 17
12	R1/2	3113 12 21

3133 45° male elbow - **metric** tube to male BSPP or M5

ØD mm	BSPP/ metric	
4	M5x0.8	3133 04 19
4	G1/8	3133 04 10
6	M5x0.8	3133 06 19
6	G1/8	3133 06 10
6	G1/4	3133 06 13
8	G1/8	3133 08 10
8	G1/4	3133 08 13
8	G3/8	3133 08 17
10	G1/4	3133 10 13
10	G3/8	3133 10 17
10	G1/2	3133 10 21
12	G1/4	3133 12 13
12	G3/8	3133 12 17
12	G1/2	3133 12 21

3159 oscillating compact elbow - **fractional** inch tube to NPT

ØD in	NPT	
5/32	1/8	3159 04 11
1/4	1/8	3159 56 11
1/4	1/4	3159 56 14

anti-friction washer for oscillation

3159 oscillating compact elbow - **metric** tube to BSPT

ØD mm	BSPT	
4	R1/8	3159 04 10
6	R1/8	3159 06 10
6	R1/4	3159 06 13
8	R1/8	3159 08 10
8	R1/4	3159 08 13
8	R3/8	3159 08 17
10	R1/4	3159 10 13
10	R3/8	3159 10 17
12	R1/4	3159 12 13
12	R3/8	3159 12 17
12	R1/2	3159 12 21

anti-friction washer for oscillation

7925/7960 snap connector - **fractional** inch

Body	
NPT	
1/8	7925 05 11
1/4	7925 05 14
Plug	
ØD in	
1/4	7960 05 56

push-to-connect fittings system LF 3000®



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accessories

3000 disconnection tool

ØD	
5/32", 4mm	3000 70 04
1/4", 6mm	3000 70 06
5/16", 8mm	3000 70 08
3/8", 10mm	3000 70 10
1/2", 12mm	3000 70 12
14mm	3000 70 14

Clip clip strips for tubing and fittings

ØD	
5/32", 4mm	Clip 04 00
1/4", 3/16" 6mm	Clip 06 00
5/16", 8mm	Clip 08 00
3/8", 10mm	Clip 10 00
1/2", 12mm	Clip 12 00
14mm	Clip 14 00

3110/3330 caps - manual release button

ØD TUBE in					
1/8	3110 53 00	NA	3110 53 02	3110 53 03	3110 53 04
5/32	3110 04 00	NA	3110 04 02	3110 04 03	3110 04 04
3/16	3330 55 00	3330 55 01	3330 55 02	3330 55 03	3330 55 05
1/4	3110 56 00	NA	3110 56 02	3110 56 03	3110 56 04
5/16	3110 08 00	NA	3110 08 02	3110 08 03	3110 08 04
3/8	3110 60 00	NA	3110 60 02	3110 60 03	3110 60 04
1/2	3110 62 00	NA	3110 62 02	3110 62 03	3110 62 04

ØD TUBE mm					
4	3110 04 00	3110 04 02	3110 04 03	3110 04 04	3110 04 05
6	3110 06 00	3110 06 02	3110 06 03	3110 06 04	3110 06 05
8	3110 08 00	3110 08 02	3110 08 03	3110 08 04	3110 08 05
10	3110 10 00	3110 10 02	3110 10 03	3110 10 04	3110 10 05
12	3110 12 00	3110 12 02	3110 12 03	3110 12 04	3110 12 05
14	3110 14 00	3110 14 02	3110 14 03	3110 14 04	3110 14 05

plug-in fittings

3182 plug-in elbow - fractional inch and metric

ØD1 in	ØD2 in	
1/8	1/8	3182 53 00
5/32	5/32	3182 04 00
5/32	1/4	3182 04 56
1/4	1/4	3182 56 00
1/4	3/8	3182 56 60
5/16	5/16	3182 08 00
3/8	3/8	3182 60 00
1/2	1/2	3182 62 00
ØD1 mm	ØD2 mm	
4	4	3182 04 00
4	6	3182 04 06
6	6	3182 06 00
6	4	3182 06 04
6	8	3182 06 08
8	8	3182 08 00
8	10	3182 08 10
10	10	3182 10 00
10	12	3182 10 12
12	12	3182 12 00

Visual identification of products
 3182 56 00 = fractional inch
 3182 06 00 = metric

3180 45° plug-in elbow - fractional inch and metric

ØD1 in	ØD2 in	
1/8	1/8	3180 53 00
5/32	5/32	3180 04 00
1/4	1/4	3180 56 00
5/16	5/16	3180 08 00
3/8	3/8	3180 60 00
ØD1 mm	ØD2 mm	
4	4	3180 04 00
6	6	3180 06 00
8	8	3180 08 00
10	10	3180 10 00
12	12	3180 12 00

3183 plug-in run tee - fractional inch and metric

ØD1 in	ØD2 in	
5/32	5/32	3183 04 00
1/4	1/4	3183 56 00
5/16	5/16	3183 08 00
ØD1 mm	ØD2 mm	
4	4	3183 04 00
4	6	3183 04 06
6	6	3183 06 00
6	8	3183 06 08
8	8	3183 08 00
8	10	3183 08 10
10	10	3183 10 00
10	12	3183 10 12
12	12	3183 12 00

3188 plug-in tee - fractional inch and metric

ØD1 in	ØD2 in	
5/32	5/32	3188 04 00
1/4	1/4	3188 56 00
5/16	5/16	3188 08 00
ØD1 mm	ØD2 mm	
4	4	3188 04 00
4	6	3188 04 06
6	6	3188 06 00
6	8	3188 06 08
8	8	3188 08 00
8	10	3188 08 10
10	10	3188 10 00
10	12	3188 10 12
12	12	3188 12 00

3184 extended plug-in elbow - fractional inch and metric

ØD1 in	ØD2 in	
1/8	1/8	3184 53 00
5/32	5/32	3184 04 00
1/4	1/4	3184 56 00
5/16	5/16	3184 08 00
3/8	3/8	3184 60 00
ØD1 mm	ØD2 mm	
4	4	3184 04 00
4	6	3184 04 06
6	6	3184 06 00
6	8	3184 06 08
8	8	3184 08 00
8	10	3184 08 10
10	10	3184 10 00
10	12	3184 10 12
12	12	3184 12 00

plug-in accessories

3142 plug-in "Y" - fractional inch and metric

ØD1 in	ØD2 in	
1/8	1/8	3142 53 00
5/32	5/32	3142 04 00
5/16	5/16	3142 08 00
ØD1 mm	ØD2 mm	
4	4	3142 04 00
4	6	3142 04 06
6	6	3142 06 00
6	8	3142 06 08
8	8	3142 08 00
8	10	3142 08 10
10	10	3142 10 00
10	12	3142 10 12
12	12	3142 12 00

3168 expander - fractional inch and metric

ØD1 mm	ØD2 in	
4	1/8	3168 04 53
8	1/4	3168 08 56
ØD1 in	ØD2 in	
1/4	1/8	3168 56 53
1/4	6mm	3168 56 06
1/4	5/32	3168 56 04
1/4	3/16	3168 56 55
3/8	1/4	3168 60 56
ØD1 mm	ØD2 mm	
6	4	3168 06 04
8	6	3168 08 06
10	8	3168 10 08
12	10	3168 12 10

3143 plug-in multiple "Y" - metric

ØD1 mm	ØD2 mm	
4	6	3143 04 06
4	8	3143 04 08
6	8	3143 06 08

3120 double male union - fractional inch and metric

ØD in	
5/32	3120 04 00
3/16	3120 55 00 85*
1/4	3120 56 00
5/16	3120 08 00
3/8	3120 60 00
1/2	3120 62 00 85*
ØD mm	
4	3120 04 00
6	3120 06 00
8	3120 08 00
10	3120 10 00
12	3120 12 00
14	3120 14 00

*nickel-plated brass

3122 barbed connector - fractional inch and metric

ØD1 in	ØD2 in	ØD3 in	
5/32	.12	.20	3122 04 53
5/32	.20	.28	3122 04 05
1/4	3/16		3122 56 55
5/16	.25	.34	3122 08 56
5/16	.32	.39	3122 08 08
3/8	.32	.39	3122 60 08
ØD1 mm	ØD2 mm	ØD3 mm	
4	5	7	3122 04 05
4	3.2	5	3122 04 53
6	5	7	3122 06 05
8	6.3	8.5	3122 08 56
8	8	10	3122 08 08
10	6.3	8	3122 10 56
10	8	10	3122 10 08
12	8	10	3122 12 08
12	10	12	3122 12 10
12	12.5	14.5	3122 12 62
14	12.5	14.5	3122 14 62
14	14	16	3122 14 14*

*nickel-plated brass

3166 reducer - fractional inch and metric

ØD1 in	ØD2 in	
1/8	5/32	3166 53 04
1/8	3/16	3166 53 55
1/8	1/4	3166 53 56
5/32	3/16	3166 04 55
5/32	1/4	3166 04 56
5/32	5/16	3166 04 08
5/32	3/8	3166 54 60*
3/16	5/16	3166 55 08
3/16	1/4	3166 55 56
1/4	5/16	3166 56 08
1/4	3/8	3166 56 60
1/4	1/2	3166 56 62
5/16	3/8	3166 08 60
5/16	1/2	3166 08 62
3/8	1/2	3166 60 62
ØD1 mm	ØD2 mm	
3	4	3166 03 04
4	6	3166 04 06
4	8	3166 04 08
4	10	3166 04 10
6	8	3166 06 08
6	10	3166 06 10
6	12	3166 06 12
6	14	3166 06 14
8	10	3166 08 10
8	12	3166 08 12
8	14	3166 08 14
10	12	3166 10 12
10	14	3166 10 14
12	14	3166 12 14

*metal body

3126 plug - fractional inch and metric

ØD in	
1/8	3126 53 00
5/32	3126 04 00
3/16	3126 55 00
1/4	3126 56 00
5/16	3126 08 00
3/8	3126 60 00
1/2	3126 62 00
ØD mm	
3	3126 03 00
4	3126 04 00
6	3126 06 00
8	3126 08 00
10	3126 10 00
12	3126 12 00
14	3126 14 00

carstick®

3100 carstick® - order 1 part number & receive 50 cartridges per stick (plastic tube)

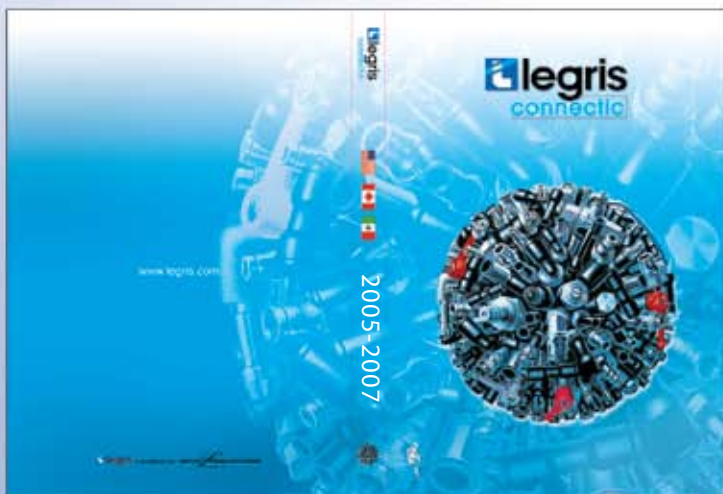
ØD cartridge	
1/8	3100 53 00 99
5/32, 4mm	3100 04 00 99
6mm	3100 06 00 99
1/4	3100 56 00 99
5/16, 8mm	3100 08 00 99
3/8	3100 60 00 99
10mm	3100 10 00
12mm	3100 12 00



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