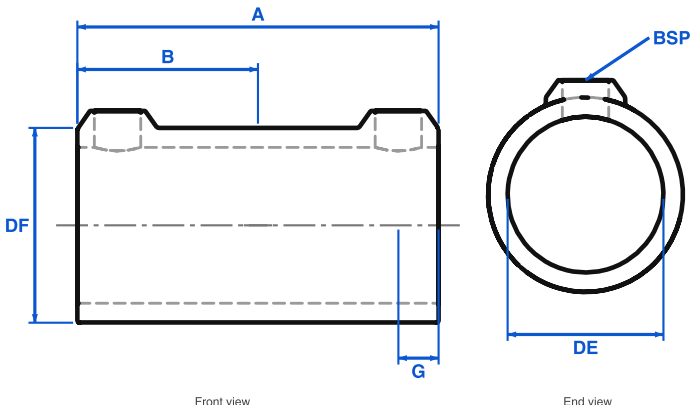
149 Inline External Connector Sleeve

Key clamp fitting for tubular handrails, barriers and frames

Tube sizes
27mm · 34mm · 42mm · 48mm · 60mm

Joins two tubes end to end, on the outside. An internal connector (150) is also available. Connectors are not recommended for high demand applications.





One drawing serves every size. Letters match the table below.

SIZES AND DATA

		27mm A27	34mm B34	42mm C42	48mm D48	60mm E60
Part number		**149-A27**	**149-B34**	**149-C42**	**149-D48**	**149-E60**
Fits tube	outside diameter, mm (nominal bore)	26.9 (3/4")	33.7 (1")	42.4 (1 1/4")	48.3 (1 1/2")	60.3 (2")
DIMENSIONS	nominal, mm, as lettered on the drawing					
A	overall length of the sleeve	76	89	102	102	120
B	sleeve end to the centre (tube insertion each side)	38	44.5	51	51	60
DE	bore (inside diameter of the socket, the tube passes in here)	28	35	44	50	62
DF	outside diameter of the cast body	38	46	55	60.5	73
G	sleeve end face to the grub-screw axis	12.5	12.5	14.5	16.5	16.5
FIXING AND WEIGHT						
Grub screw	BSP thread × length, mm	1/4" × 12.5	1/4" × 12.5	3/8" × 12.7	3/8" × 12.7	3/8" × 12.7
Hex key	across flats	1/4" AF	1/4" AF	5/16" AF	5/16" AF	5/16" AF
Weight	kg, approximate	0.27	0.39	0.55	0.56	0.88
OTHER MAKERS' PART NUMBERS	for comparison					
Kee Klamp		14-5	14-6	14-7	14-8	14-9
Interclamp		149-A27	149-B34	149-C42	149-D48	149-E60
Q Clamp		149-1	149-2	149-3	149-4	149-5
Tubeclamp		149A	149B	149C	149D	149E
FastClamp		C00G20	C00G25	C00G32	C00G40	C00G50
Alvin		A8 size 5	A8 size 6	A8 size 7	A8 size 8	A8 size 9
ORDERING						
Barcode	GTIN	5061091711003	5061091711010	5061091711027	5061091711034	5061091711041

Material: Malleable cast iron (ASTM A197) **Finish:** Hot-dip galvanised

Sizes and weights are nominal figures from the foundry's data. These are galvanised castings, so individual fittings vary and it is normal for one to measure or weigh a little differently. Check the fittings in your hand before cutting tube or drilling fixing holes. Not for use as building or construction scaffolding. The strength of a structure depends on the fittings, tube and fixings chosen and on what it is fixed to. Choosing the right size and type of fitting for the job is the customer's responsibility. If in doubt, ask us.