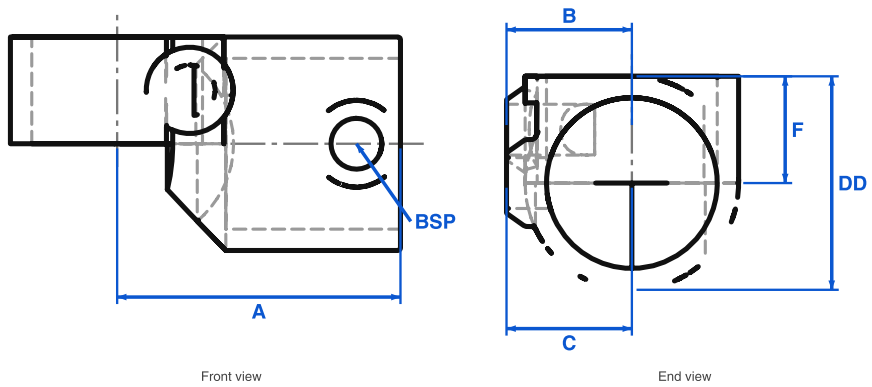
148 Inline Swivel Tee

Key clamp fitting for tubular handrails, barriers and frames

Tube sizes
27mm · 34mm · 42mm · 48mm

Sold as a single fitting but normally used in pairs, to give angles between 85° and 235°. In most uses the middle tube is plugged with a 133 Plastic End Cap.





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

SIZES AND DATA

		27mm A27	34mm B34	42mm C42	48mm D48
Part number		**148-A27**	**148-B34**	**148-C42**	**148-D48**
Fits tube	outside diameter, mm (nominal bore)	26.9 (3/4")	33.7 (1")	42.4 (1 1/4")	48.3 (1 1/2")
DIMENSIONS	nominal, mm, as lettered on the drawing				
A	post axis to the end of the rail socket	58	58	73	81
B	post axis to the outer face of the ring grub-screw boss	24.5	27.2	31.7	34.7
C	rail axis to the outer face of the socket grub-screw boss	24.5	27.2	31.7	34.7
DD	outside diameter of the cast body	38	46	55	60.5
F	height of the swivel ring (along the post)	19	23	27.5	30.25
α	fold range of a pair, measured between the two rail axes	68°-292°	68°-292°	68°-292°	68°-292°
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
Hex key	across flats	1/4" AF	1/4" AF	5/16" AF	5/16" AF
Weight	kg, approximate	0.18	0.27	0.42	0.60
OTHER MAKERS' PART NUMBERS	for comparison				
Kee Klamp		19-5	19-6	19-7	19-8
Interclamp		148-A27	148-B34	148-C42	148-D48
Q Clamp		148-1	148-2	148-3	148-4
Tubeclamp		148A	148B	148C	148D
FastClamp		C25G20	C25G25	C25G32	C25G40
Alvin		A21 size 5	A21 size 6	A21 size 7	A21 size 8
ORDERING					
Barcode	GTIN	5061091710969	5061091710976	5061091710983	5061091710990

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

Do not build a whole structure from swivel fittings alone. 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.