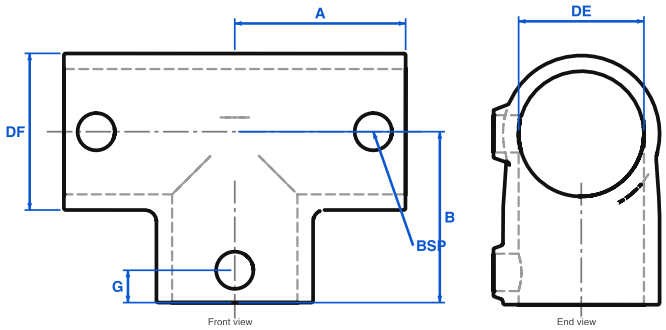
104 Long Tee

Key clamp fitting for tubular handrails, barriers and frames

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

A 90° tee connection between two tubes. Typically used on straight and level rail to join the upright to the top rail. Two tubes can be joined inside the top of the tee, or a single tube can pass through.





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		**104-A27**	**104-B34**	**104-C42**	**104-D48**	**104-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	branch axis to either end of the barrel (barrel length = 2A)	41	46	60	68	84
B	barrel axis to the end of the branch socket	41	46	60	68	84
DE	bore (inside diameter of the socket, the tube passes in here)	28	35	44	50	62
DF	outside diameter of the cast body	37	46	55	60.5	73
G	branch end face to the branch grub-screw axis	11	11	14.5	14.5	14.5
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	0.32	0.49	0.79	0.93	1.50
OTHER MAKERS' PART NUMBERS	for comparison					
Kee Klamp		25-5	25-6	25-7	25-8	25-9
Interclamp		104-A27	104-B34	104-C42	104-D48	104-E60
Q Clamp		104-1	104-2	104-3	104-4	104-5
Tubeclamp		104A	104B	104C	104D	104E
FastClamp		C04G20	C04G25	C04G32	C04G40	C04G50
Alvin		A4 size 5	A4 size 6	A4 size 7	A4 size 8	A4 size 9
ORDERING						
Barcode	GTIN	5061091710068	5061091710075	5061091710082	5061091710099	5061091710105
Powder coated	B black, Y yellow, G gold: the letter goes in front, e.g. B104-B34	–	**B Y G**	**B Y**	**B Y**	–

Material: Malleable cast iron (ASTM A197) **Finish:** Hot-dip galvanised **Also stocked, powder coated:** black, gold, yellow

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.