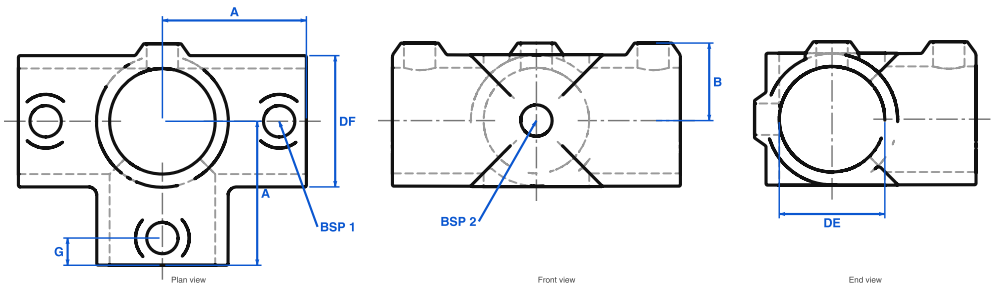
176 Side Outlet Tee

Key clamp fitting for tubular handrails, barriers and frames

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

Joins three tubes at 90°. A very useful structural fitting for many 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		**176-A27**	**176-B34**	**176-C42**	**176-D48**	**176-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	post axis to the end of each socket (in-line sockets and the side outlet)	40	46	60	68	84.5
B	rail axis to the outer face of a socket grub-screw boss	24.5	26.8	31.3	34.3	40.3
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	socket end face to the socket grub-screw axis	12.5	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	0.34	0.48	0.73	0.90	1.44
OTHER MAKERS' PART NUMBERS	for comparison					
Kee Klamp		35-5	35-6	35-7	35-8	35-9
Interclamp		176-A27	176-B34	176-C42	176-D48	176-E60
Q Clamp		176-1	176-2	176-3	176-4	176-5
Tubeclamp		176A	176B	176C	176D	176E
FastClamp		C23G20	C23G25	C23G32	C23G40	C23G50
Alvin		A24 size 5	A24 size 6	A24 size 7	A24 size 8	A24 size 9
ORDERING						
Barcode	GTIN	5061091711928	5061091711935	5061091711942	5061091711959	5061091711966

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.