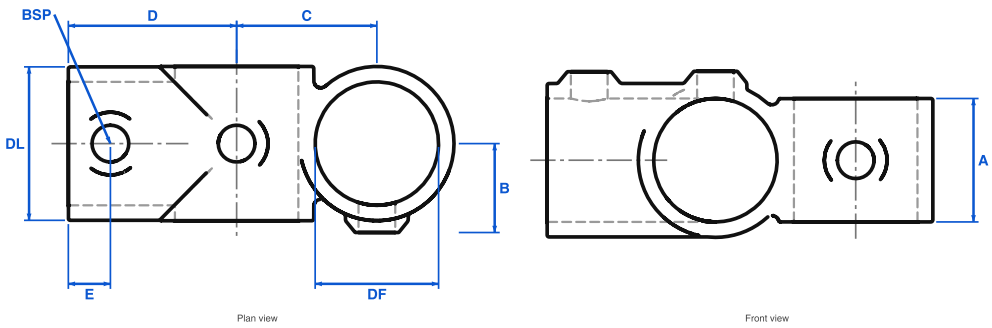
165 Combination Tee / Socket

Key clamp fitting for tubular handrails, barriers and frames

Tube sizes
27mm · 34mm · 42mm · 48mm

A combined socket tee and crossover: joins three tubes at 90°.





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

SIZES AND DATA

		27mm A27	34mm B34	42mm C42	48mm D48
Part number		**165-A27**	**165-B34**	**165-C42**	**165-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	length of the ring (along the tube through it)	31	38	44	51
B	centre line to the grub-screw boss faces	23.8	26.9	31.7	34.7
C	centre line of the middle sleeve to centre line of the ring	35	40	50	56
D	centre line of the middle sleeve to the mouth of the socket	40	46	60	67
E	socket end face to the grub-screw axis	11	11	15	15
DF	bore of the ring	28.5	35	35.4	53
DL	outside diameter of the cast body	37	46	55	60.5
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
Hex key	across flats	1/4" AF	1/4" AF	5/16" AF	5/16" AF
Weight	kg, approximate	0.28	0.45	0.66	0.79
OTHER MAKERS' PART NUMBERS	for comparison				
Kee Klamp		46-5	46-6	46-7	46-8
Interclamp		165-A27	165-B34	165-C42	165-D48
Q Clamp		165-1	165-2	165-3	165-4
Tubeclamp		165A	165B	165C	165D
FastClamp		C43G20	C43G25	C43G32	C43G40
Alvin		A30 size 5	A30 size 6	A30 size 7	A30 size 8
ORDERING					
Barcode	GTIN	5061091711423	5061091711430	5061091711447	5061091711454

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.