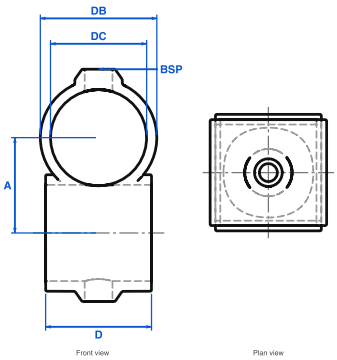
161 90° Crossover

Key clamp fitting for tubular handrails, barriers and frames

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

Joins two tubes that cross at 90°, one offset from the other.





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		**161-A27**	**161-B34**	**161-C42**	**161-D48**	**161-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	offset between the two tube axes	38	41	50	50	64
DB	outside diameter of the cast body	37	46	55	60.5	73
DC	bore (inside diameter of the socket, the tube passes in here)	28	35	45.4	51.6	63
D	length of each sleeve (along its tube)	31.5	38.5	45	55	61
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	0.20	0.29	0.46	0.48	0.84
OTHER MAKERS' PART NUMBERS	for comparison					
Kee Klamp		45-5	45-6	45-7	45-8	45-9
Interclamp		161-A27	161-B34	161-C42	161-D48	161-E60
Q Clamp		161-1	161-2	161-3	161-4	161-5
Tubeclamp		161A	161B	161C	161D	161E
FastClamp		C40G20	C40G25	C40G32	C40G40	C40G50
Alvin		A28 size 5	A28 size 6	A28 size 7	A28 size 8	A28 size 9
ORDERING						
Barcode	GTIN	5061091711331	5061091711348	5061091711355	5061091711362	5061091711379
Powder coated	G gold: the letter goes in front, e.g. G161-B34	–	**G**	–	–	–

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

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.