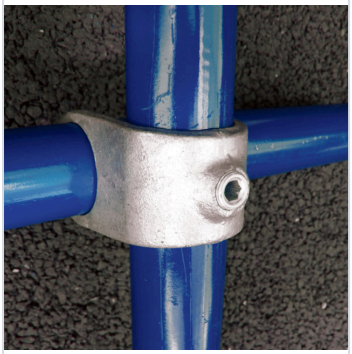
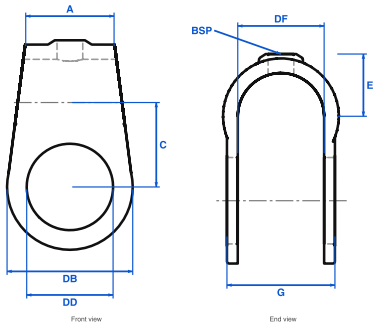
# 160 Clamp On Crossover

Key clamp fitting for tubular handrails, barriers and frames

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

Typically used to retrofit a horizontal tube to an existing structure. Useful when dismantling the original construction is out of the question.






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** | | **160-A27** | **160-B34** | **160-C42** | **160-D48** | **160-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** | width of the strap over the top tube | – | 44 | 45 | 50 | 80 |
| **DB** | diameter of the round foot of each cheek | – | 56.4 | 64 | 75 | 80 |
| **C** | centre line of the top tube to centre line of the tube through the cheeks | – | 34 | 43 | 50 | 61 |
| **DD** | hole through the cheeks | – | 35 | 44 | 50 | 62 |
| **E** | top tube centre line to the grub-screw boss face | – | 27.2 | 31.7 | 34.7 | 40.8 |
| **DF** | gap between the cheeks (the top tube sits in it) | – | 35 | 44 | 50 | 62 |
| **G** | overall width over the two cheeks | – | 46 | 55 | 60.5 | 74 |
| **FIXING AND WEIGHT** | | | | | | |
| **Grub screw** | BSP thread × length, mm | – | 1/4" × 12.5 | 3/8" × 12.7 | 3/8" × 12.7 | 3/8" × 12.7 |
| **Hex key** | across flats | – | 1/4" AF | 5/16" AF | 5/16" AF | 5/16" AF |
| **Weight** | kg, approximate | – | 0.25 | 0.38 | 0.50 | 0.65 |
| **OTHER MAKERS' PART NUMBERS** | for comparison | | | | | |
| **Kee Klamp** | | 17-5 | 17-6 | 17-7 | 17-8 | 17-9 |
| **Interclamp** | | – | 160-B34 | 160-C42 | 160-D48 | 160-E60 |
| **Q Clamp** | | – | 160-2 | 160-3 | 160-4 | 160-5 |
| **Tubeclamp** | | – | 160B | 160C | 160D | 160E |
| **FastClamp** | | C42G20 | C42G25 | C42G32 | C42G40 | C42G50 |
| **Alvin** | | – | A66 size 6 | A66 size 7 | A66 size 8 | A66 size 9 |
| **ORDERING** | | | | | | |
| **Barcode** | GTIN | 5061091711287 | 5061091711294 | 5061091711300 | 5061091711317 | 5061091711324 |

**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. A dash means the foundry gives no figure for that size.