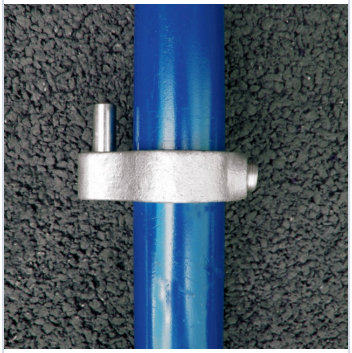
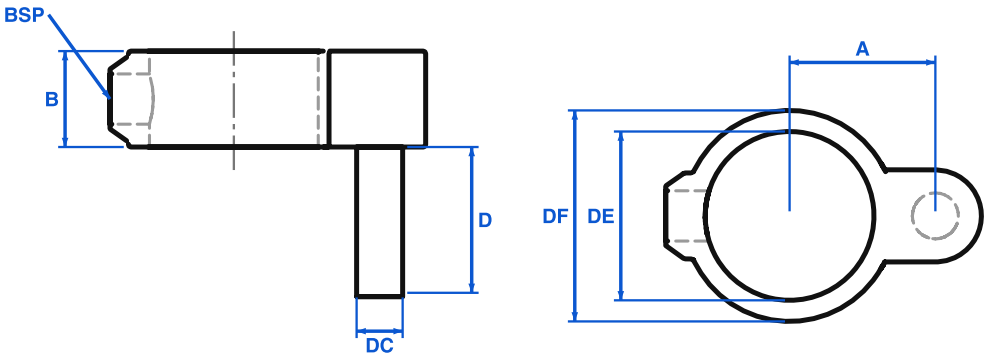
140 Gate Hinge

Key clamp fitting for tubular handrails, barriers and frames

Tube sizes
27mm · 34mm · 42mm · 48mm

The male part of the gate hinge. Pairs with the 138 Gate Eye.





Front view — Plan view

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

SIZES AND DATA

		27mm A27	34mm B34	42mm C42	48mm D48
Part number		**140-A27**	**140-B34**	**140-C42**	**140-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	collar axis to the hinge-pin axis	30	33	38	41
B	collar width (along the tube)	25	25	25	25
DC	hinge-pin diameter	13	13	12	12
D	hinge-pin length below the collar	38	38	38	38
DE	bore (inside diameter of the socket, the tube passes in here)	28	35	44	50
DF	outside diameter of the cast body	38	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	0.24	0.26	0.29	0.30
OTHER MAKERS' PART NUMBERS	for comparison				
Kee Klamp		83-5	83-6	83-7	83-8
Interclamp		140-A27	140-B34	140-C42	140-D48
Q Clamp		140-1	140-2	140-3	140-4
Tubeclamp		140A	140B	140C	140D
FastClamp		C32G20	C32G25	C32G32	C32G40
Alvin		A62 size 5	A62 size 6	A62 size 7	A62 size 8
ORDERING					
Barcode	GTIN	5061091710761	5061091710778	5061091710785	5061091710792

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.