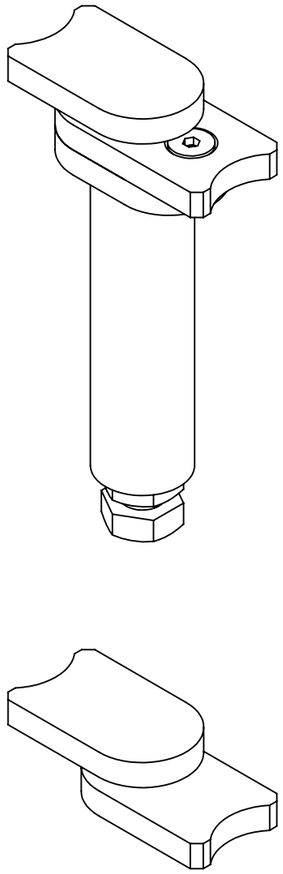
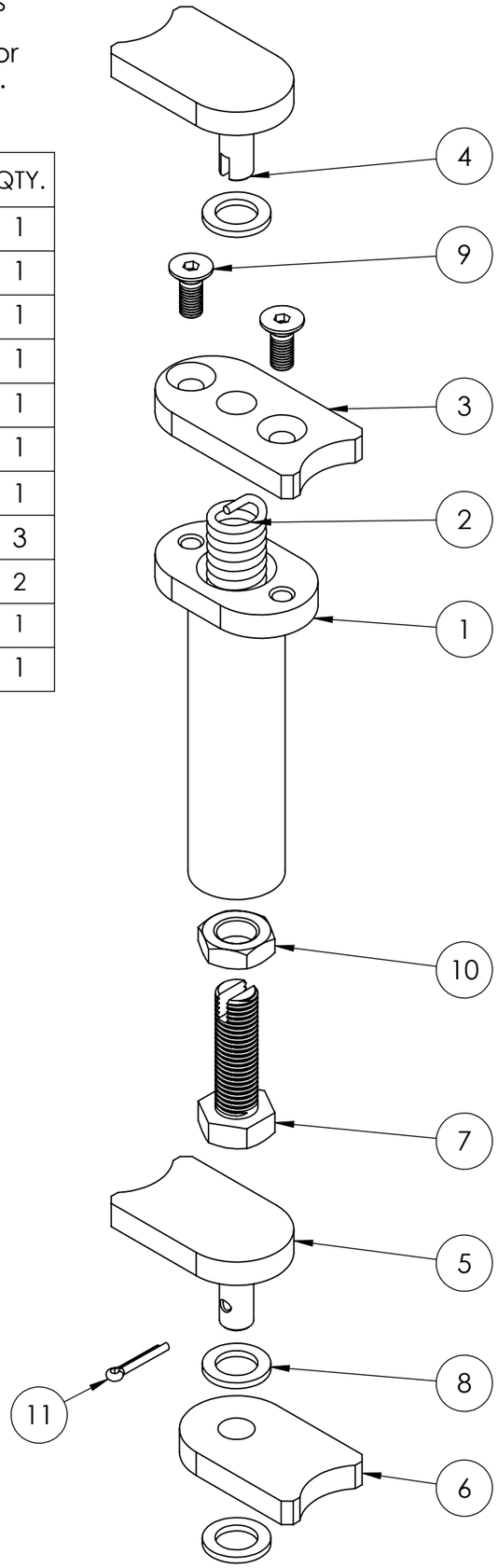
NB: This self closing gate hinge set has lugs that are universal, they can be welded to 42.4mm tube, 48.3mm tube and any bar or box section with a width 40mm or greater.

ITEM NO.	GATE HINGE SET CONTENTS	QTY.
1	Housing For Spring	1
2	Compressed Spring	1
3	Lug With Countersunk Holes	1
4	Lug With Slotted Pin	1
5	Lug With Pin & Cotter Hole	1
6	Plate Lug With Hole	1
7	M16 x 50mm Slotted Bolt	1
8	Washer Ø24mm x 2.5mm	3
9	M8 x 20mm Countersunk Bolt	2
10	M16 - Locking Nut for Slotted Bolt	1
11	Split Pin	1





Installation

1) Weld lugs 4 & 5 to the gate frame with adequate spacing.

2) Weld lugs 3 & 6 to the gate post allowing space for the washers and aligning with the gate Lugs

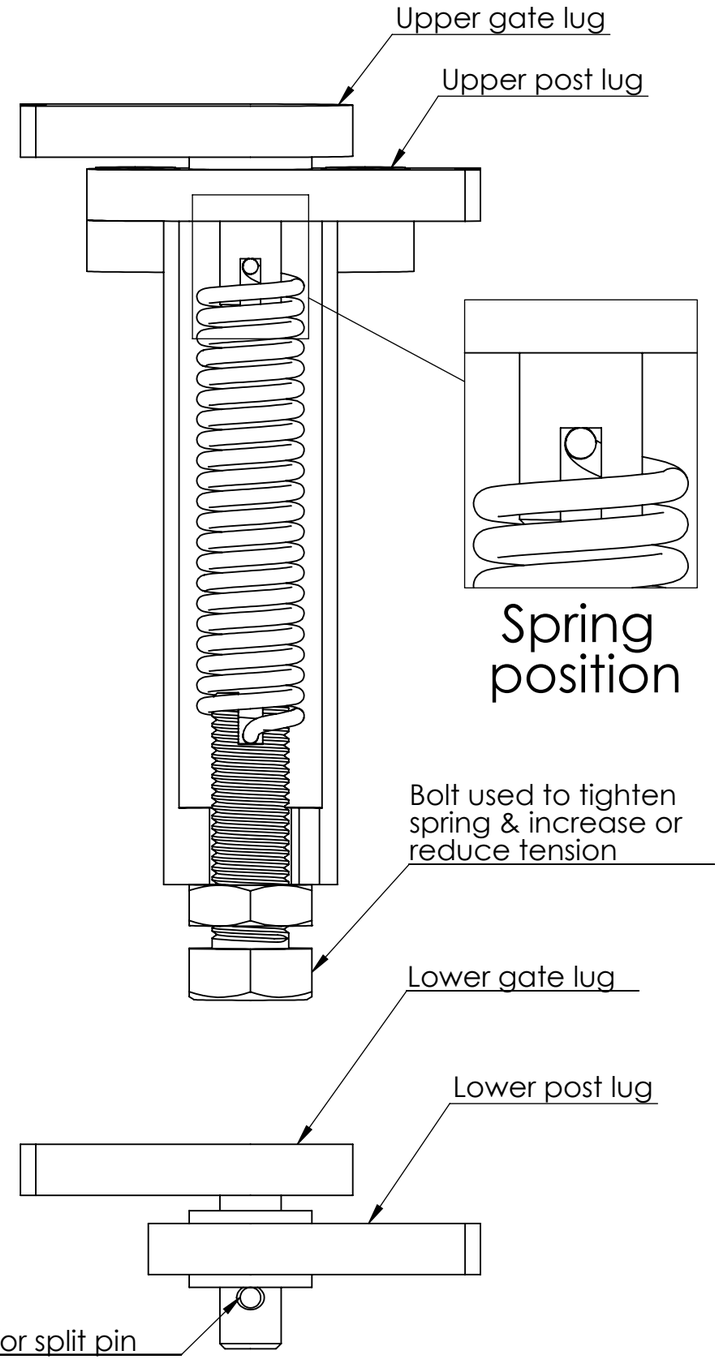
3) Assemble parts 1,2,7 & 11 with the spring position as shown, the slotted bolt should be tightened just over half way in and locked.

4) Used the countersunk bolts to secure the assembled spring housing to lug 3

5) Lift the gate onto the gate post lugs, add the spit pin into the hole in part 5 to secure.

6) To adjust the tension in the spring housing use two 24mm spanners. First release lock nut 11 & then rotate the slotted bolt 7 in the direction you want the gate to close. When the spring closes the gate gently & without undue force, tighten the locking nut.

Tip - Excess thread protruding from the bottom of the fitting can be reduced by ensuring the bolt is in the correct position at stage 3



FH BRUNDLE
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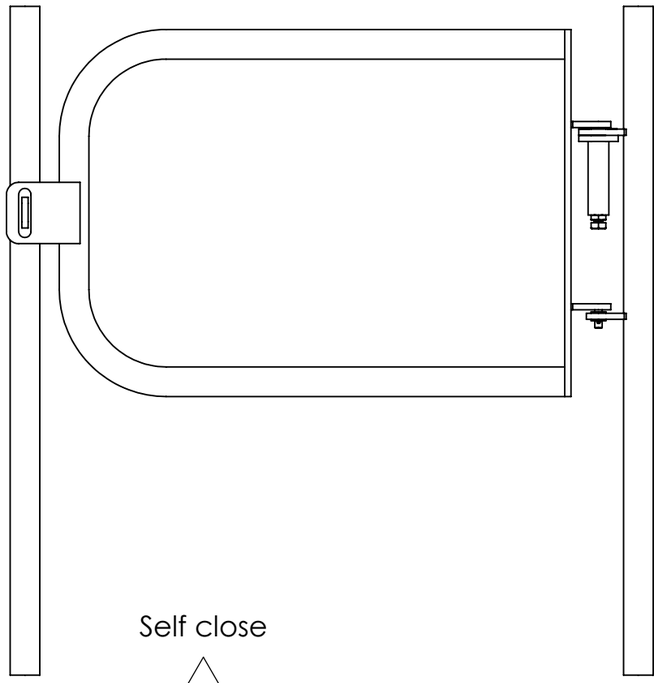
UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN MILLIMETERS

	NAME	DATE	REVISION
DRAWN	GC	09/10/2015	A
REV. BY			

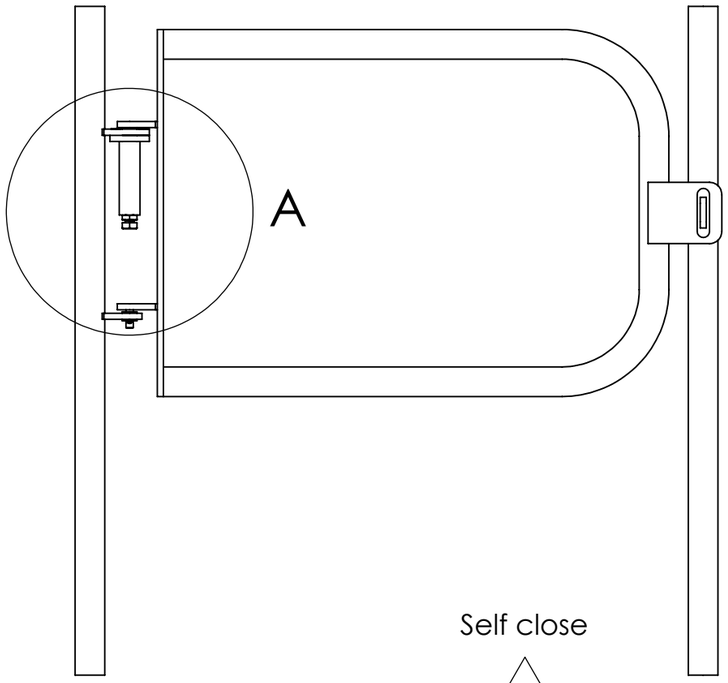
MATERIAL: See Bill Of Materials
FINISH: NA
GRIT SIZE: NA
WEIGHT: 1.42 Kg

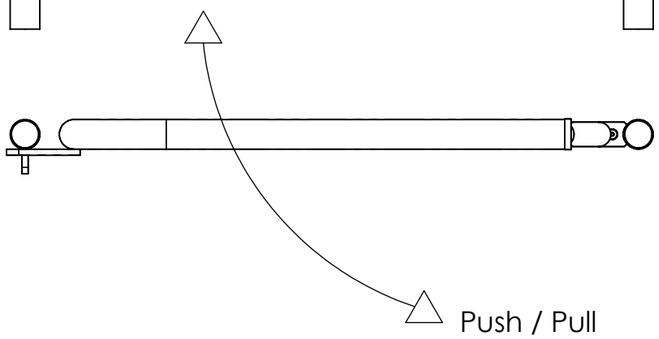
NOTES: Customer Drawing
DESCRIPTION: Self Closing Gate Hinge
PART NO: 25SGU
DWG NO: 0172-010-01
A3
SCALE:1:5 | DO NOT SCALE DRAWING | SHEET 1 OF 2

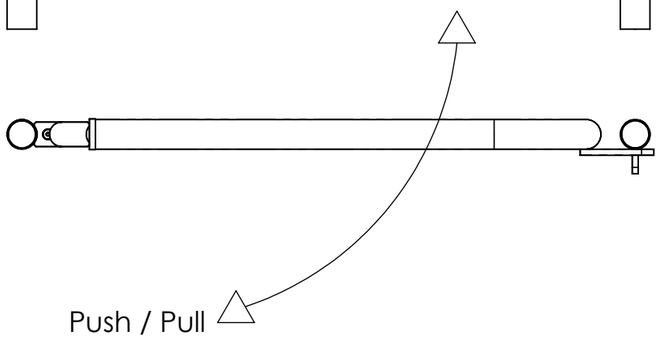
LEFT HAND OPENING



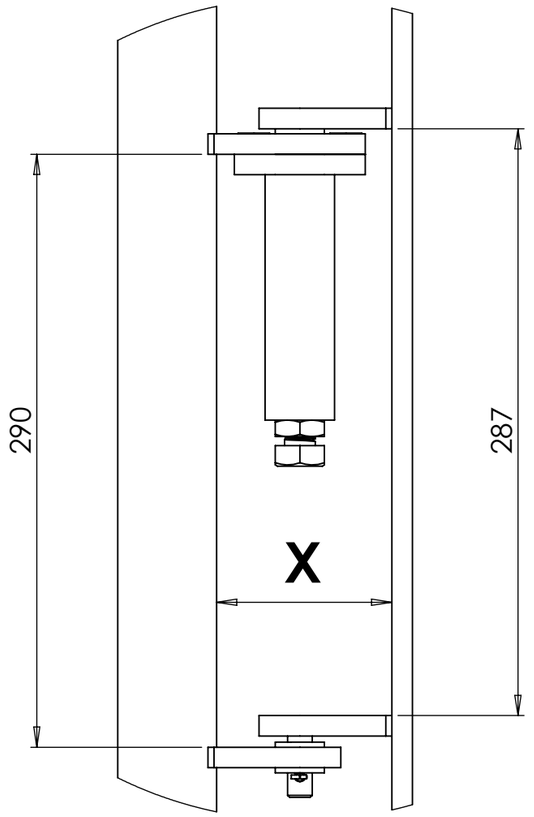
RIGHT HAND OPENING



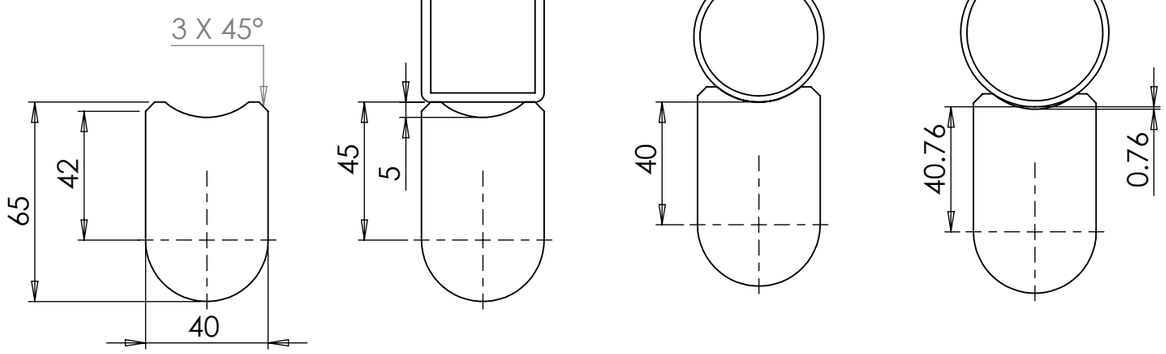




DETAIL A



POST SIZE + SHAPE	FRAME	Measurement - X (mm)
SHS/Flat Bar	SHS/Flat Bar	90
SHS/Flat Bar	42.4 Tube	85
SHS/Flat Bar	48.3 Tube	85.76
42.4 Tube	SHS/Flat Bar	85
42.4 Tube	42.4 Tube	80
42.4 Tube	48.3 Tube	80.76
48.3 Tube	SHS/Flat Bar	85.76
48.3 Tube	42.4 Tube	80.76
48.3 Tube	48.3 Tube	81.52



UNIVERSAL LUG | SHS/FLAT BAR | 42.4mm TUBE | 48.3mm TUBE

NB: This self closing gate hinge set has lugs that are universal, they can be welded to 42.4mm tube, 48.3mm tube and any bar or box section with a width 40mm or greater.

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	NAME	DATE	REVISION
DRAWN	GC	09/07/2015	A
REV. BY			

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN MILLIMETERS

MATERIAL: Mild Steel
FINISH: NA
GRIT SIZE: NA
WEIGHT: 0.12 Kg

NOTES: Technical Drawing - Drawing Not To Be Supplied To Customer

DESCRIPTION: Safety Gate Hinge

PART NO: 25SGH

DWG NO: 0172-010_01

A3

SCALE:NA | DO NOT SCALE DRAWING | SHEET 2 OF 2