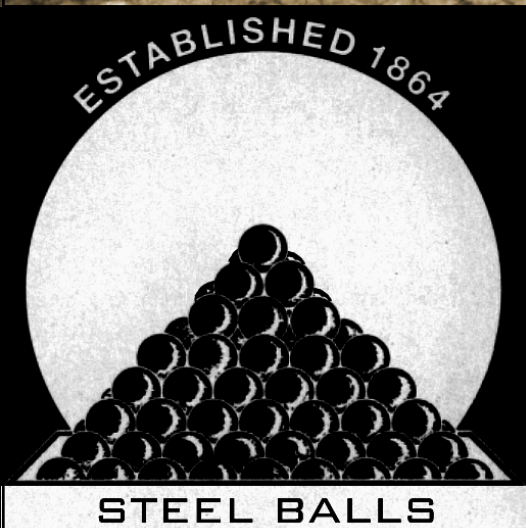




F. J. BRINDLEY & SONS (SHEFFIELD) LTD.



MASTER CRAFTSMEN SINCE 1864



## Wrought Iron Catalogue 2016

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**<http://www.brindley-steel-forging.co.uk>**





# F·J· BRINDLEY & SONS (SHEFFIELD) LTD

## Company Background



F. J. Brindley & Sons was founded in 1864 and soon became specialists in the manufacture of steel forgings. In later years, we moved on to the manufacture of Steel Grinding Balls for the Mining Industry; and in very recent years, to the manufacture of wrought iron components for the Steel Fabricating Industry. The company was founded by Frederick James Brindley who was himself a fine craftsman and solved many forging problems.

The biggest problem he overcame was the development of the ball and tube mill for the use of pulverising cement and mineral ore. He had to manage to accurately forge a steel ball under a power hammer which had all the advantages of a fully upset forging at a competitive price. In spite of all the modern technology and equipment available now, the same basic methods that he had developed are still being used today. F. J. Brindley & Sons are still the only forge in the UK who hand forge steel balls up to 150 mm Dia.

Under the leadership of Frederick James Brindley, our reputation for quality grew. After his death in 1929 the business was carried on by his sons, and even today the business is still run by his fourth and fifth generation.

The centenary year was celebrated by a move to a new and larger premises. This resulted in an output which was increased threefold. Each year thousands of tons are shipped to all parts of the world. With an experienced team of workers and an efficient management, the company continues to innovate and improve every year. The company has built a firm relationship with its customers, both local and international.





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# MILD STEEL SPHERES



Diameter	Price Per Sphere	Weight	
		Pounds	Kilograms
12 mm		0.0185 Ibs.	0.0080 Kgs.
16 mm		0.0362 Ibs.	0.0164 Kgs.
19 mm		0.0626 Ibs.	0.0284 Kgs.
25 mm		0.1484 Ibs.	0.0673 Kgs.
30 mm		0.2898 Ibs.	0.1314 Kgs.
35 mm		0.3857 Ibs.	0.1749 Kgs.
40 mm		0.5007 Ibs.	0.2271 Kgs.
45 mm		0.7951 Ibs.	0.3606 Kgs.
50 mm		1.187 Ibs.	0.5384 Kgs.
55 mm		1.690 Ibs.	0.7665 Kgs.
60 mm		1.987 Ibs.	0.9012 Kgs.
65 mm		2.318 Ibs.	1.0514 Kgs.
70 mm		3.850 Ibs.	1.3993 Kgs.
75 mm		4.006 Ibs.	1.8171 Kgs.
80 mm		4.527 Ibs.	2.0534 Kgs.
90 mm		6.361 Ibs.	2.8853 Kgs.
100 mm		9.495 Ibs.	4.3068 Kgs.
115 mm		13.520 Ibs.	6.1325 Kgs.
120 mm		15.900 Ibs.	7.2121 Kgs.
125 mm		18.540 Ibs.	8.4096 Kgs.
130 mm		19.970 Ibs.	9.0582 Kgs.
133 mm		21.470 Ibs.	9.7386 Kgs.
140 mm		24.680 Ibs.	11.1946 Kgs.
150 mm		32.040 Ibs.	14.5331 Kgs.

# WELDABLE STEEL RAILHEADS



**RH 1**



**RH 1/A**



**RH 1/B**

Part No.	Height	Width	Base	Price
RH 1	120 mm	66 mm	25 mm	
RH 1/A	155 mm	86 mm	32 mm	
RH 1/B	200 mm	120 mm	40 mm	



**RH 2**



**RH 2/A**



**RH 2/B**

Part No.	Height	Width	Base	Price
RH 2	95 mm	28 mm	12 mm	
RH 2/A	125 mm	40 mm	18 mm	
RH 2/B	140 mm	45 mm	23 mm	



**RH 3**



**RH 3/A**



**RH 3/B**

Part No.	Height	Width	Base	Price
RH 3	130 mm	70 mm	20 mm	
RH 3/A	160 mm	90 mm	28 mm	
RH 3/B	200 mm	112 mm	33 mm	





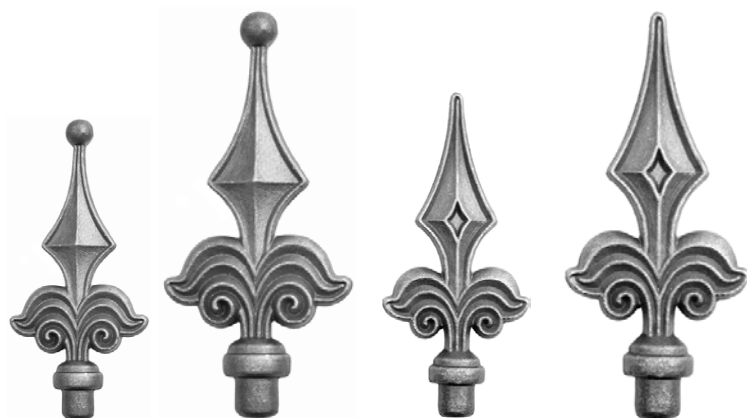
Part No.	Height	Width	Base	Price
RH 4	165 mm	62 mm	23 mm	
RH 4/A	185 mm	70 mm	27 mm	
RH 4/B	210 mm	80 mm	30 mm	

**RH 4      RH 4/A      RH 4/B**



Part No.	Height	Width	Base	Price
RH 5	130 mm	60 mm	12 mm	
RH 5/A	150 mm	70 mm	16 mm	
RH 5/B	188 mm	90 mm	20 mm	
RH 5/C	130 mm	60 mm	12 mm	

**RH 5      RH 5/A      RH 5/B      RH 5/C**



Part No.	Height	Width	Base	Price
RH 5/D	130 mm	60 mm	12 mm	
RH 5/E	156 mm	72 mm	16 mm	
RH 5/F	140 mm	60 mm	14 mm	
RH 5/G	155 mm	68 mm	17 mm	

**RH 5/D      RH 5/E      RH 5/F      RH 5/G**



**RH 6**



**RH 6/A**



**RH 6/B**

Part No.	Height	Width	Base	Price
RH 6	155 mm	25 mm	25 mm	
RH 6/A	125 mm	60 mm	32 mm	
RH 6/B	140 mm	60 mm	15 mm	



**RH 7**



**RH 7/A**



**RH 7/B**



**RH 7/C**

Part No.	Height	Width	Base	Price
RH 7	125 mm	30 mm	20 mm	
RH 7/A	160 mm	40 mm	32 mm	
RH 7/B	206 mm	65 mm	38 mm	
RH 7/C	140 mm	30 mm	10 mm	



**RH 8**



**RH 8/A**



**RH 8/B**

Part No.	Height	Width	Base	Price
RH 8	80 mm	45 mm	20 mm	
RH 8/A	125 mm	65 mm	25 mm	
RH 8/B	140 mm	80 mm	38 mm	

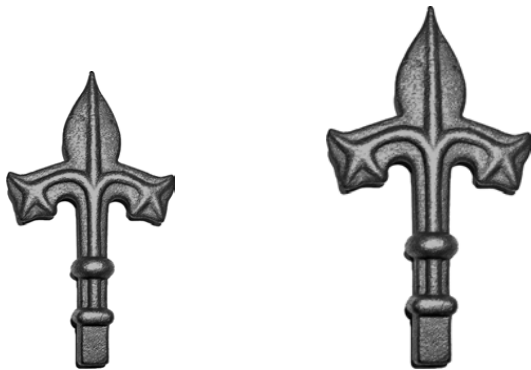


Part No.	Height	Width	Base
RH 9	125 mm	60 mm	12 mm
RH 9/A	152 mm	73 mm	16 mm
RH 9/B	190 mm	90 mm	20 mm

**RH 9**

**RH 9/A**

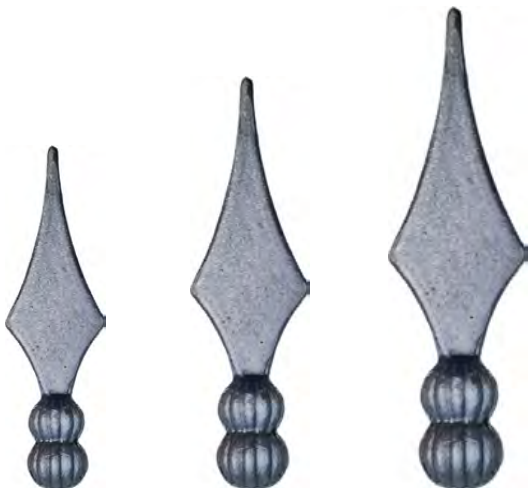
**RH 9/B**



Part No.	Height	Width	Base
RH 10/A	107 mm	70 mm	12 mm
RH 10	143 mm	80 mm	16 mm

**RH 10/A**

**RH 10**



Part No.	Height	Width	Base
RH 11	135 mm	40 mm	24 mm
RH 11/A	160 mm	50 mm	32 mm
RH 11/B	190 mm	55 mm	34 mm

**RH11**

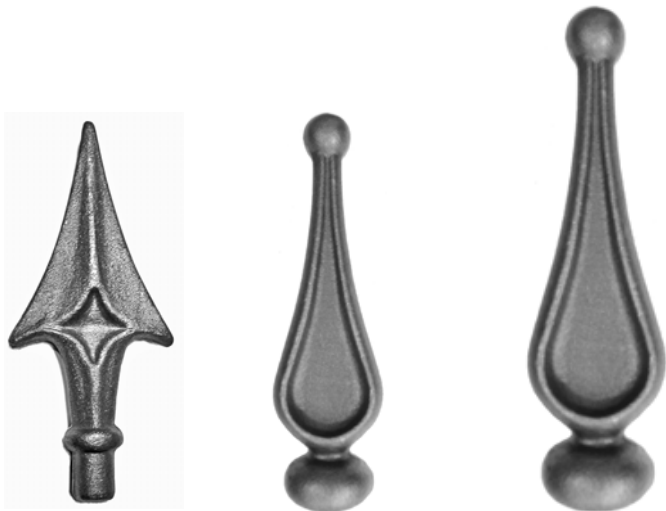
**RH11/A**

**RH11/B**



Part No.	Height	Width	Base	Price
RH 12	83 mm	42 mm	30 mm	
RH 13	125 mm	45 mm	25 mm	
RH 13/A	140 mm	57 mm	33 mm	
RH 13/B	150 mm	68 mm	40 mm	

**RH 12 RH 13 RH 13/A RH 13/B**



Part No.	Height	Width	Base	Price
RH 14	155 mm	65 mm	16 mm	
RH 15	120 mm	37 mm	29 mm	
RH 15/A	150 mm	40 mm	33 mm	

**RH 14 RH 15 RH 15/A**



Part No.	Height	Width	Base	Price
RH 16	235 mm	80 mm	18 mm Sq	
RH 17	170 mm	85 mm	50 mm	
RH 18	60 mm	30 mm	30 mm	

**RH 16 RH 17 RH 18**



Part No.	Height	Width	Base
RH 19	90 mm	50 mm	50 mm
RH 19/A	180 mm	100 mm	100 mm
RH 19/B	150 mm	80 mm	80 mm

RH 19

RH 19/A

RH 19/B



Part No.	Height	Width	Base
RH 20	90 mm	45 mm	45 mm
RH 21	100 mm	50 mm	50 mm
RH 22	215 mm	78 mm	51 mm

RH 20

RH 21

RH 22



Part No.	Height	Width	Base
RH 24	121 mm	16 mm	16 mm
RH 25	56 mm	36 mm	14 mm
RH 26	114 mm	29 mm	29 mm
RH 26/A	128 mm	35 mm	35 mm

RH 24

RH 25

RH 26

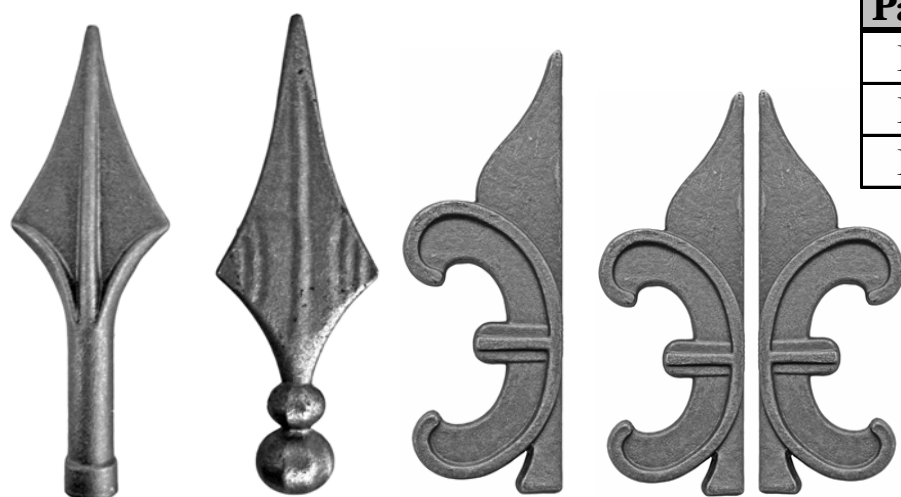
RH 26/A





Part No.	Height	Width	Base
RH 27	120 mm	57 mm	22 mm
RH 27/A	135 mm	67 mm	25 mm
RH 28	110 mm	55 mm	25 mm

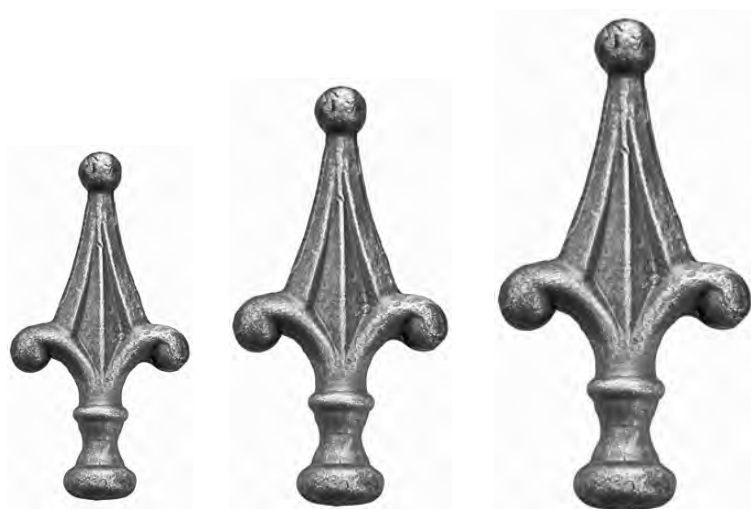
**RH 27      RH 27/A      RH 28**



Part No.	Height	Width	Base
RH 29	200 mm	65 mm	23 mm
RH 30	200 mm	67 mm	33 mm
RH 31	167 mm	63 mm	18 mm

\* Suggested application,  
for illustration purposes  
only. Sold separately.

**RH 29      RH 30      RH 31**



Part No.	Height	Width	Base
RH 32	125 mm	63 mm	24 mm
RH 32/A	140 mm	70 mm	26 mm
RH 32/B	170 mm	85 mm	32 mm

**RH 32      RH 32/A      RH 32/B**



**RH 34**



**RH 34/A**



**RH 34/B**

Part No.	Height	Width	Base
RH 34	122 mm	73.5 mm	16.5 mm
RH 34/A	165 mm	85 mm	18 mm
RH 34/B	205 mm	61 mm	22 mm



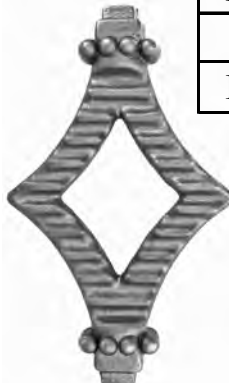
**FC 1**



**FC 1/A**



**FC 2**



**FC 2/A**

Part No.	Height	Width	Base
FC 1	163 mm	100 mm	13 mm
FC 1/A	127 mm	77 mm	13 mm
FC 2	163 mm	100 mm	13 mm
FC 2/A	163 mm	100 mm	13 mm



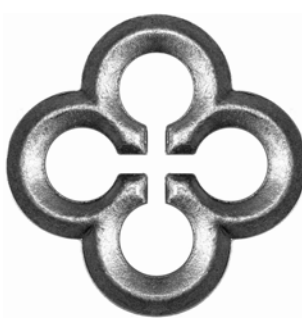
**FC 3**



**FC 4**



**FC 6**



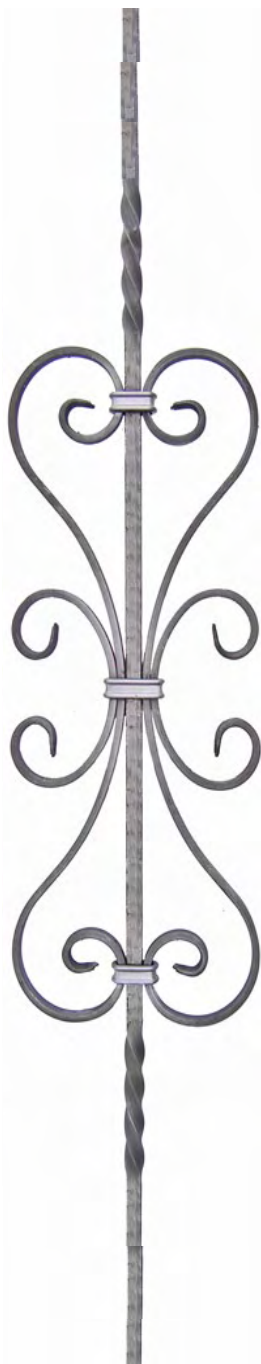
**FC 7**

Thickness: 16mm

Part No.	Height	Width	Base
FC 3	148 mm	75 mm	14 mm
FC 4	163 mm	100 mm	13 mm
FC 5	163 mm	85 mm	14 mm
FC 6	165 mm	32 mm	16 mm



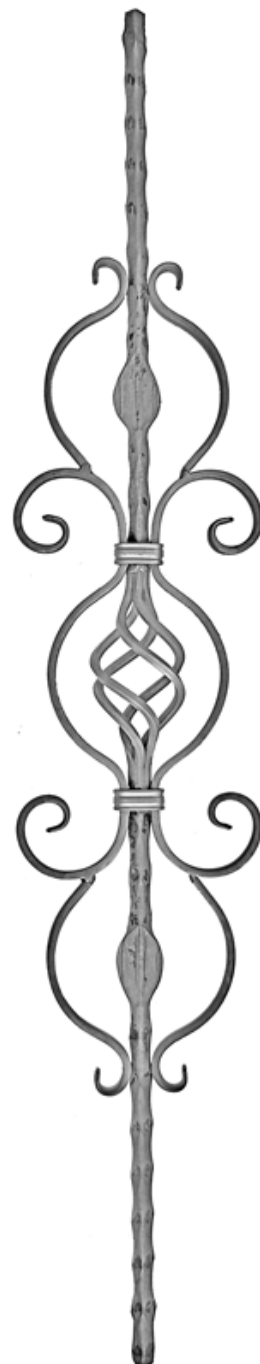
PA 1  
PA 1A



PA 2  
PA 2A

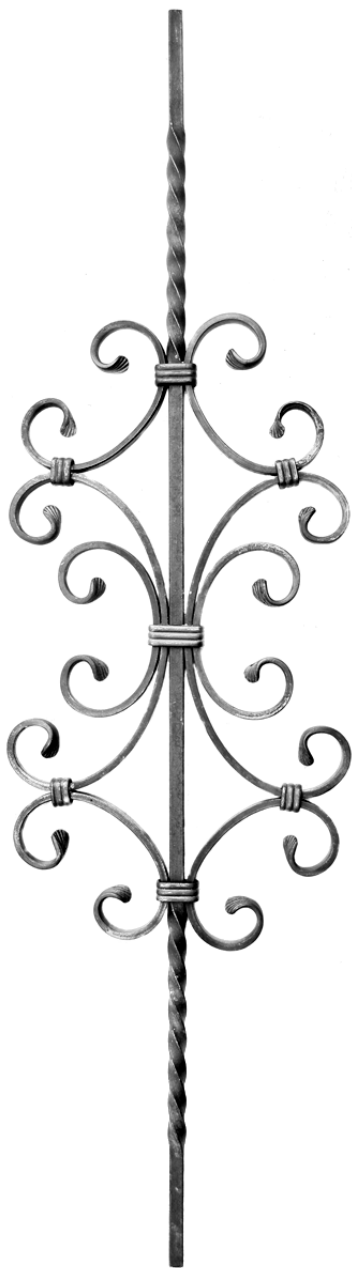


PA 2i



PA 3

Part No.	Size	Price Per Item
PA 1	12 mm Twisted 1000 mm x 220 mm	
PA 1/A	16 mm Twisted 1000 mm x 230 mm	
PA 2	12 mm Twisted 1000 mm x 190 mm	
PA 2/A	16 mm Twisted 1000 mm x 205 mm	
PA 2i	12 mm Twisted 1000 mm x 180 mm	
PA 3	12 mm Edge Hammered 1000 mm x 180 mm	



**PA 4/A**

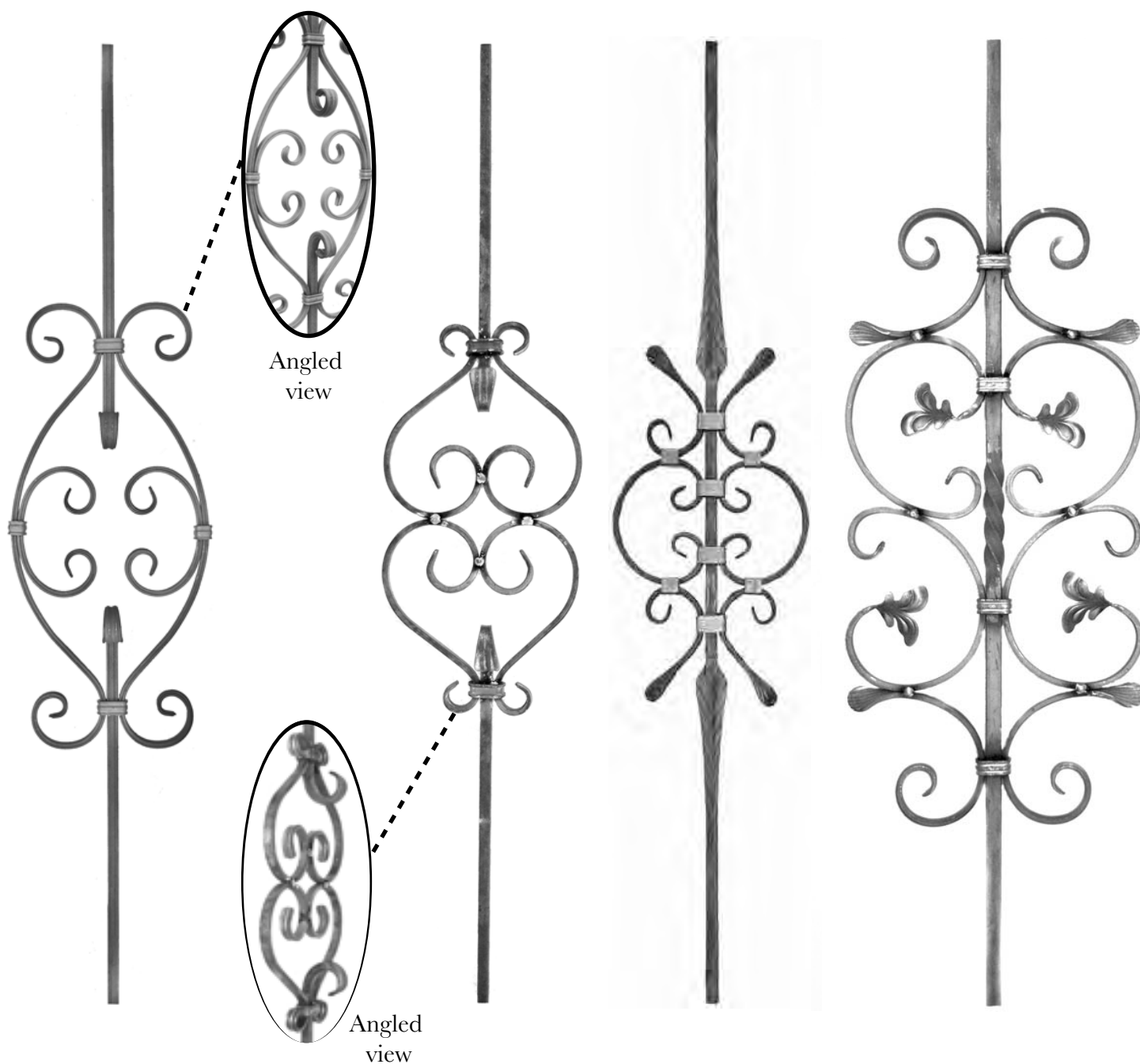


**PA5**



**PA 6/A**

Part No.	Size	Price Per Item
PA 4/A	12 mm Twisted 1000 mm x 260 mm	
PA 5	12 mm Grooved & Twisted 1000 mm x 240 mm	
PA 6/A	12 mm Twisted 1000 mm x 230 mm	



PA 7

PA 7/A

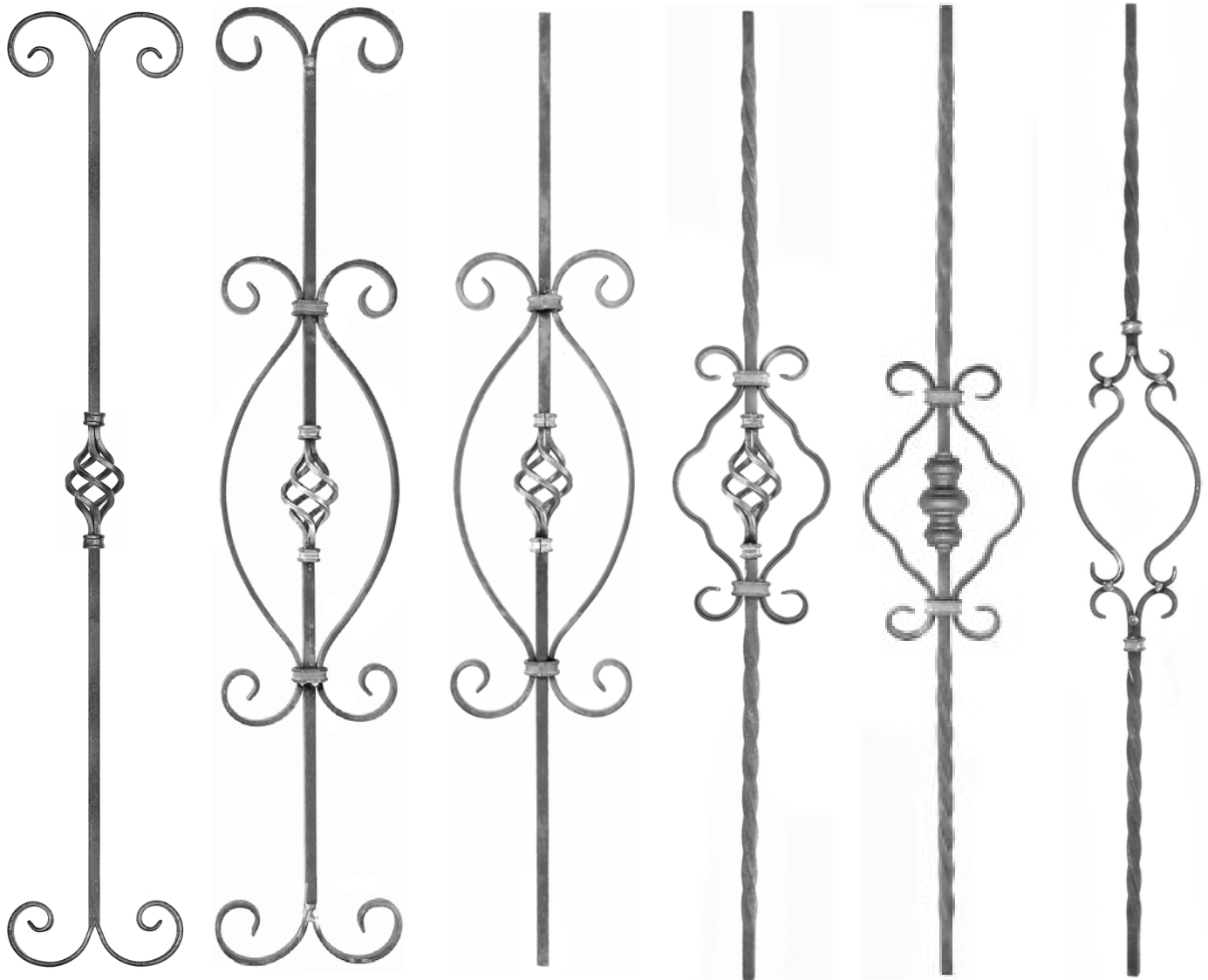
PA 8

PA 9

Part No.	Size	Price Per Item
PA 7	12 mm Grooved 1000 mm x 230 mm	
PA 7/A	12 mm Plain 1000 mm x 200 mm	
PA 8	12 mm Fish Tailed Edge Hammered 1000 mm x 205 mm	
PA 9	16 mm Twisted 1000 mm x 290 mm	



These are the latest addition to our range of designer panels. The standard length of these panels is 1000 mm. For custom sizes, please get in touch with us. These bars are made to order and require 2-4 days for manufacture.



**PA10/A**

**PA10/B**

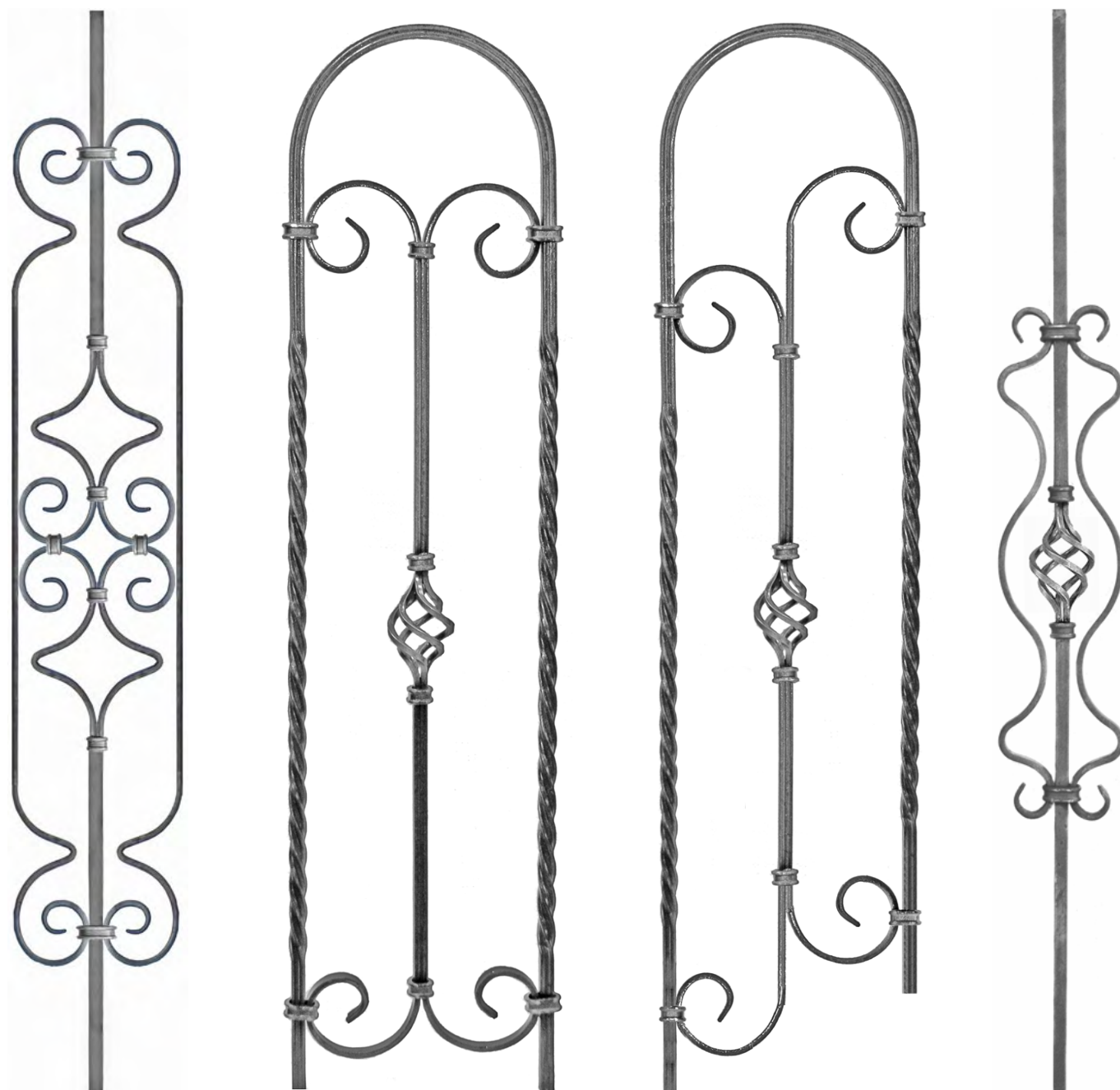
**PA10/C**

**PA10/D**

**PA10/E**

**PA10/F**

Part No.	Size	Price Per Item
PA 10/A	12 mm Plain 1000 mm x 200 mm	
PA 10/B	12 mm Plain 1000 mm x 200 mm	
PA 10/C	12 mm Plain 1000 mm x 190 mm	
PA 10/D	12 mm Double Twist 1000 mm x 155 mm - with 12 mm basket	
PA 10/E	12 mm Double Twist 1000 mm x 155 mm - with round collar	
PA 10/F	12 mm Plain 1000 mm x 135 mm	



Made to order: These are non-stock items. Please allow 3 - 4 days for manufacture.

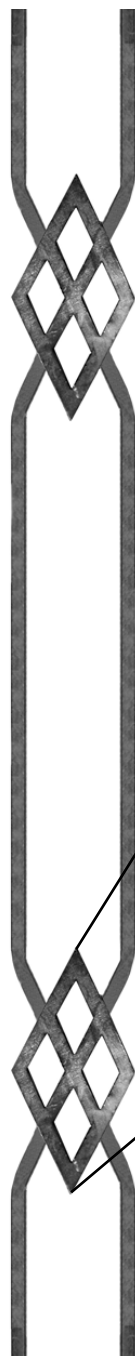
PA 11

PA 12

PA 12/A

PA 13

Part No.	Size	Price
PA 11	12 mm Plain Bar 1000 mm x 190 mm	
PA 12	12 mm Twisted-Grooved Hoop 1000 mm x 240 mm	
PA 12/A	12 mm Twisted-Grooved Hoop (Sloped for staircases) 1000 mm x 240 mm	
PA 13	12 mm Plain with Basket 1000 mm (L) x 120 mm (W)	



Also available  
as a separate  
component



PA - grid

Made to order: These are non-stock items. Please allow 3 - 4 days for manufacture.

PA 14

PA 15

PA 16

Part No.	Size	Price
PA 14	12 mm Sq. Plain Bar 1000 mm x 145 mm	
PA 15	12 mm Sq. Plain Bar 1000 mm x 100 mm with one forged piece	
PA 16	12 mm Sq. Plain Bar 1000 mm x 100 mm with two forged pieces	
PA - grid	12mm Sq weldable grid design 200mm (H) x 100mm (W)	



PA 17

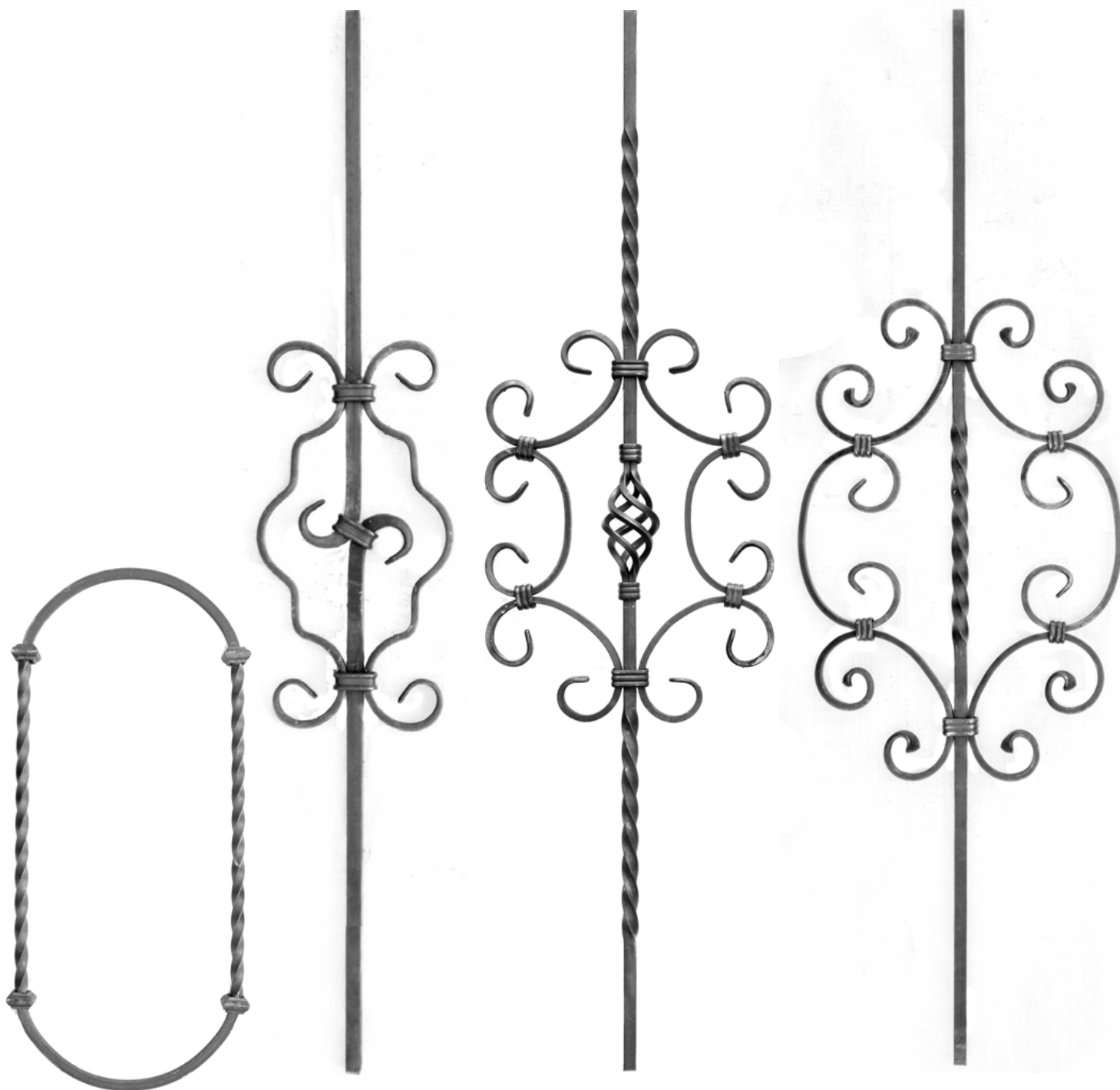
PA 18

PA 18/A

PA 19

PA 20

Part No.	Size	Price
PA 17	12 mm Sq. Plain Bar 1000 mm x 160 mm with flower.	
PA 18	12 mm Sq. Plain Bar 1000 mm x 160 mm without flower.	
PA 18/A	12 mm Sq. Double Twist Bar 1000 mm x 170 mm with rounded wave.	
PA 19	12 mm Sq. Plain Bar 1000 mm x 150 mm with a single wave and 2 scrolls	
PA 20	12 mm Sq. Plain Bar 1000 mm x 150 mm with a double wave and 4 scrolls	



PA 21

PA 22

PA 23

PA 24

Part No.	Size	Price
PA 21	12 mm Sq. Twisted bar with plain bends 630 mm x 290 mm with 4 collars.	
PA 22	12 mm Sq. Plain Bar with hooks 1000 mm x 160 mm with two m-scrolls	
Variations	Available in Edge Hammered bar and Double Twisted bar designs	
PA 23	12 mm Sq. Double Twist Bar and basket 1000 mm x 250 mm with 6 c-scrolls	
PA 24	12 mm Sq. Middle Twist Bar 1000 mm x 300 mm with 6 c-scrolls	





Made to order: These are non-stock items. Please allow 3 - 4 days for manufacture.

PA 25

PA 26

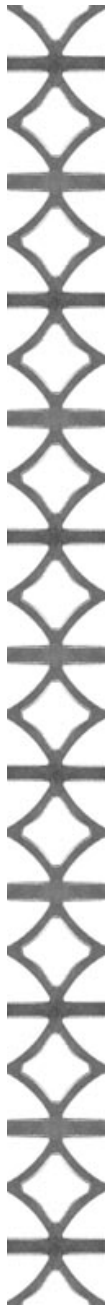
PA 27

PA 28

Part No.	Size	Price
PA 25	12 mm Sq. Double Twisted Bar 1000 mm x 100 mm	
PA 26	12 mm Sq. Middle Twist and Edge Hammered Bar 1000 mm x 210 mm	
PA 27	12 mm Sq. Plain Bar 1000 mm x 265 mm with four L22 / L23 leaves	
PA 28	12 mm Dia. Round Bar 1000 mm x 200 mm	

## GEOMETRIC PANEL PROFILES

Designed in geometric patterns, these bars are profiles made from 10 mm mild steel. (They are not laser cut patterns). Although not a stock item, they can be made available in 10 to 14 days. Kindly get in touch with our office for pre-orders.



**Geo1**

**Geo2**

**Geo3**

**Geo4**

**Geo5**

**Geo6**

PRODUCT CODE	DIMENSION - [L x W x T] mm	PRICE
Geo1 - Geometric Panel	1210 mm x 95 mm x 10 mm	
Geo2 - Geometric Panel	1210 mm x 95 mm x 10 mm	
Geo3 - Geometric Panel	1210 mm x 95 mm x 10 mm	
Geo4 - Geometric Panel	1210 mm x 95 mm x 10 mm	
Geo5 - Geometric Panel	1210 mm x 95 mm x 10 mm	
Geo6 - Geometric Panel	1210 mm x 95 mm x 10 mm	

## GATE PANEL

GPANEL



GPANEL-1



Part No.	Size	Price (each)
GPANEL	435 mm (W) x 900 mm (H)	
GPANEL-1	370 mm (W) x 870 mm (H)	

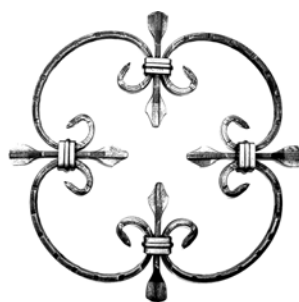
## ROSETTES



ROSE 1



ROSE 1/A



ROSE 2



ROSE 2/A



ROSE 2/B



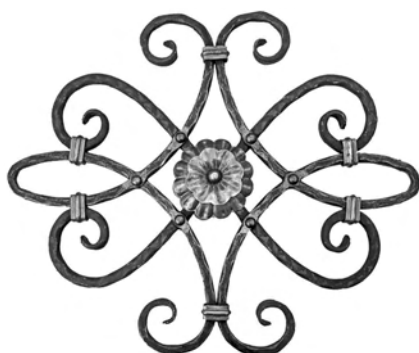
ROSE 3



ROSE 4



ROSE 5



ROSE 7



ROSE 8



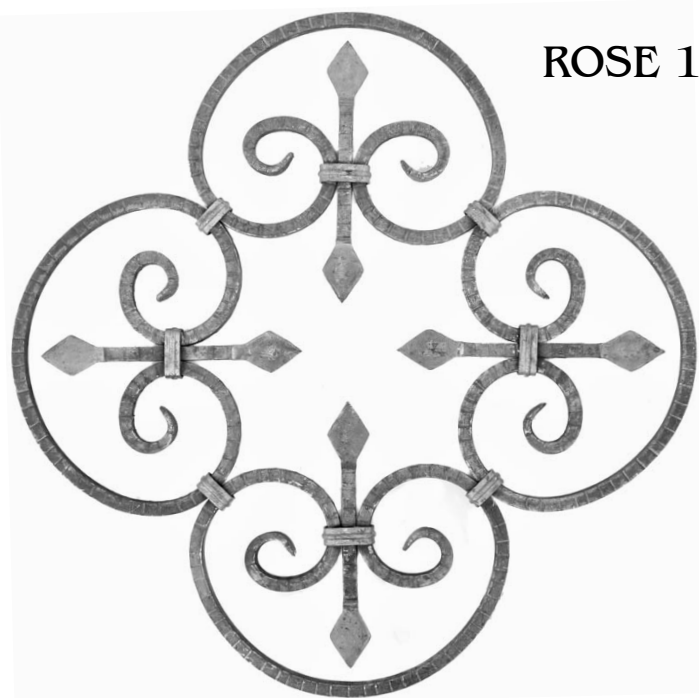
ROSE 9



ROSE 10

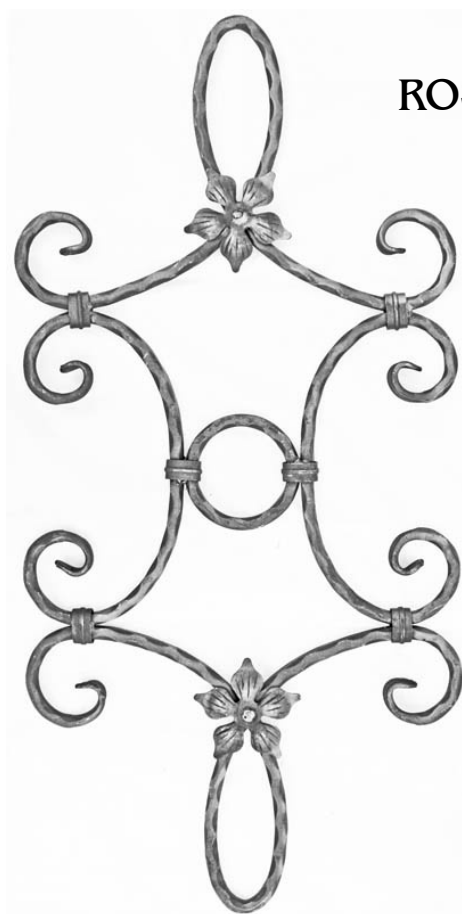
Part No.	Size	Section	Collar	Price
ROSE 1	250 mm Dia	8 mm Sq.	NO	
ROSE 1/A	250 mm Dia	8 mm Sq.	NO	
ROSE 2	250 mm Dia	10 mm x 5 mm	YES	
ROSE 2/A	250 mm Dia	10 mm x 5 mm	YES	
ROSE 2/B	250 mm Dia	8 mm Sq.	YES	
ROSE 3	250 mm Dia	8 mm Sq.	YES	
ROSE 4	380 mm Dia	10 mm x 5 mm	YES	
ROSE 5	380 mm Dia	10 mm x 5 mm	YES	
ROSE 7	420 mm (H) x 510 mm (L)	12 mm Sq.	YES	
ROSE 8	250 mm Dia	10 mm x 5 mm	YES	
ROSE 9	245 mm (H) x 253 mm (L)	13 mm x 6 mm	YES	
ROSE 10	245 mm (H) x 253 mm (L)	13 mm x 6 mm	YES	

## LARGE ROSETTES



ROSE 11

Part No.	Size	Price
ROSE 11	590 mm Dia	
ROSE 12	790 mm (H) x 380 mm (L)	
ROSE 13	640 mm (H) x 380 mm (L)	



ROSE 12



ROSE 13



Font Style: Zaph Chancery Medium Italic

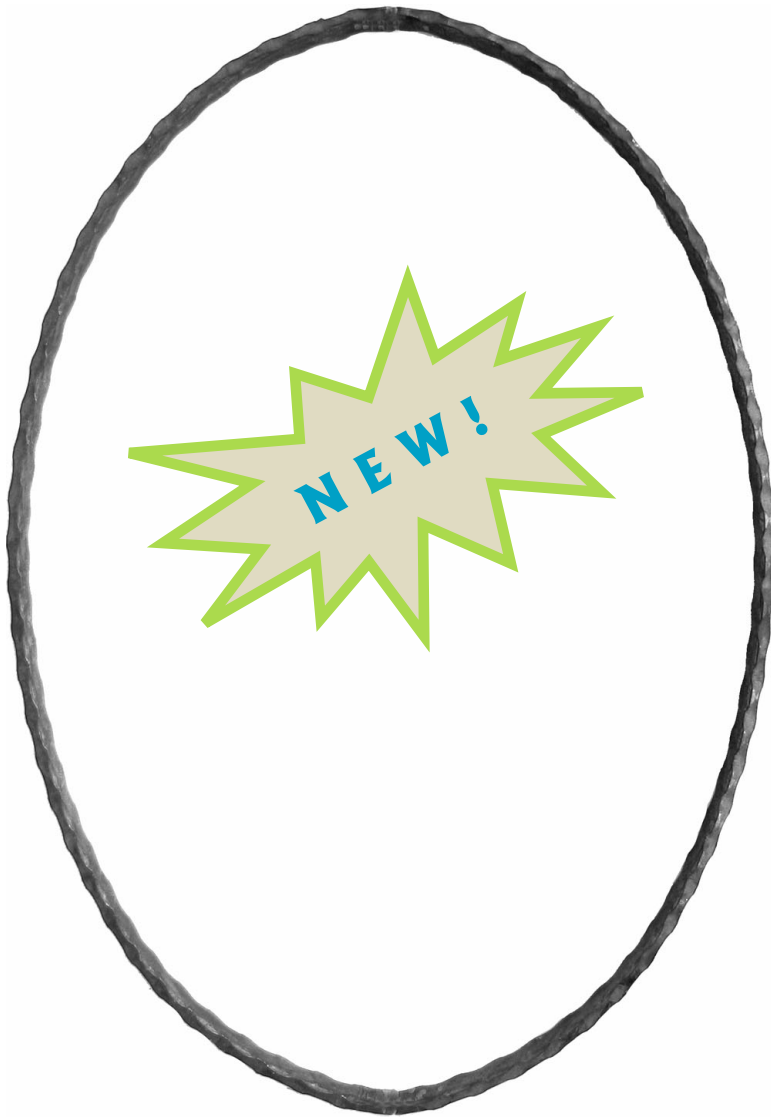
*A B C D E F G H I J K L M*  
*N O P Q R S T U V W X Y Z*  
*0 1 2 3 4 5 6 7 8 9*

Size		Price Per Item
H x W	Thickness	
150 mm x 150 mm	6 mm	
100 mm x 100 mm	6 mm	

Font Style: Benguiat Book BT Regular

**A B C D E F G H I J K L M**  
**N O P Q R S T U V W X Y Z**  
**0 1 2 3 4 5 6 7 8 9**

Size		Price Per Item
H x W	Thickness	
200 mm x 200 mm	6 mm	
150 mm x 150 mm	6 mm	
100 mm x 100 mm	6 mm	
75 mm x 75 mm	6 mm	
50 mm x 50 mm	6 mm	



### Description:

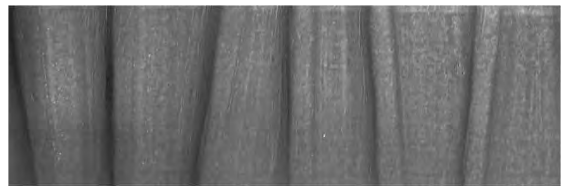
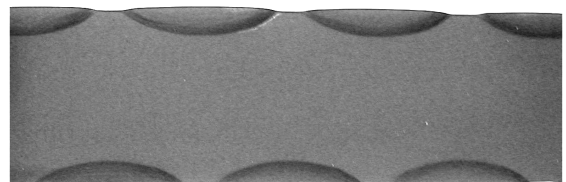
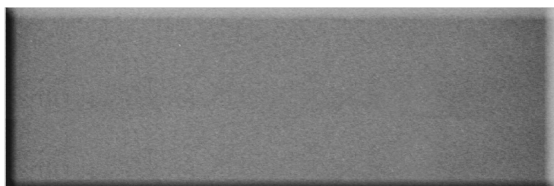
All Ovals are made out of 25 x 10 mm material. As illustrated, the choice of material extends to plain, wavy and double edge-hammered.

### Dimensions:

Height = 660 mm  
Width = 500 mm

### Price:

### Material Options:





Product Code: Floral1  
Price: £



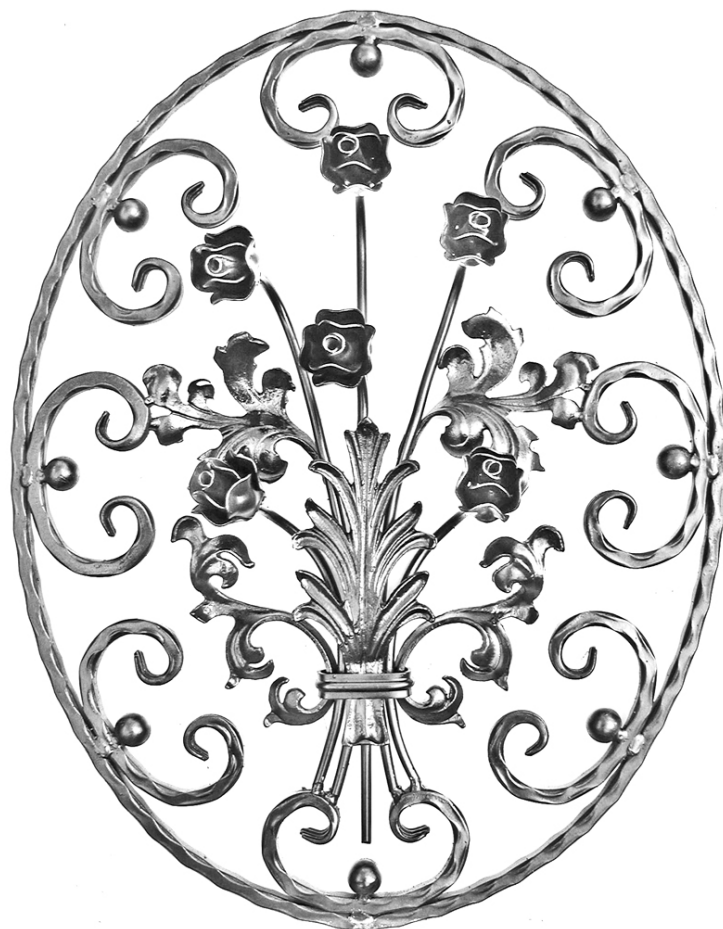
Product Code: Floral2  
Price: £

Crafted using a 25 mm x 10 mm Double Edge-Hammered Oval, these new designer floral panels all stand 660 mm high and 500 mm wide. Most designer floral panels can be used as both, a left or right side pattern design.

Floral panels are made-to-order products and require 5-7 days to manufacture. Ideal for use on heavy gates and on elegant panels, these panels look best when painted.



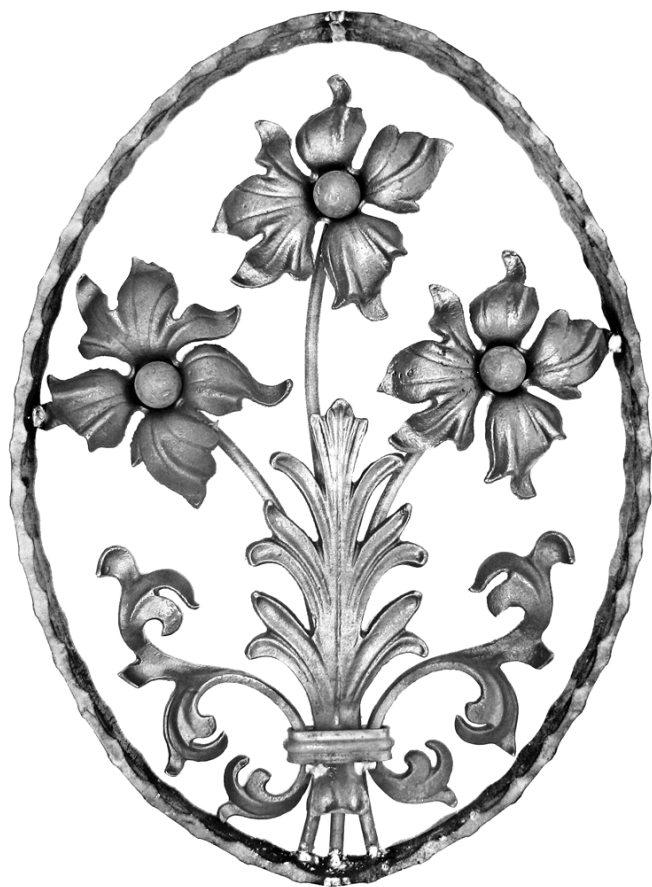
Product Code: Floral3  
Price: £



Product Code: Floral4  
Price: £

Floral3: Third in our range of designer floral panels, this panel has a high attention to detail with new spiral vine designs and heavy grape/leaf designing.

Floral4: With a heavy rose head and leaf patterns, this is our only floral panel made with 12mm Sq. Edge Hammered Bar and with edge hammered c-shaped scrolls for a new and different look.



500 mm (H) x 365 mm (W)

Product Code: Floral2-A  
Price: £

This is a smaller version of the Floral2 Panel. The main difference is the lack of C-Scrolls on the oval frame. Set within a 30 x 10 mm Edge-hammered oval frame, this smaller version is ideal for small single leaf gates.



500 mm (H) x 365 mm (W)

Product Code: Floral3-A  
Price: £

This is a smaller version of the Floral3 Panel. The main difference is the lack of C-Scrolls on the oval frame. It still has 3 grape bunches, which gives it a heavy look. Set within a 30 x 10 mm Edge-hammered oval frame, this smaller version is ideal for small single leaf gates.





Product Code: Floral4-A

Price: £

Product Code: Floral4-Light

Price: £

Width = 355 mm

Height = 480 mm

Frame = 25 x 10 mm Plain

Width = 530 mm

Height = 710 mm

Frame = 12 mm Sq. Hammered

While Foral Panel 4-A is a smaller version of the Floral4 panel, the 4A-Light, which is larger, is a low-cost-low-definition version of the original. Due to its popularity, Floral-4A-light is a stock item and is readily available.



Product Code: Floral5

Price: £

Width = 265 mm

Height = 550 mm

Frame = 16 mm Sq. Wavy



Product Code: Floral6

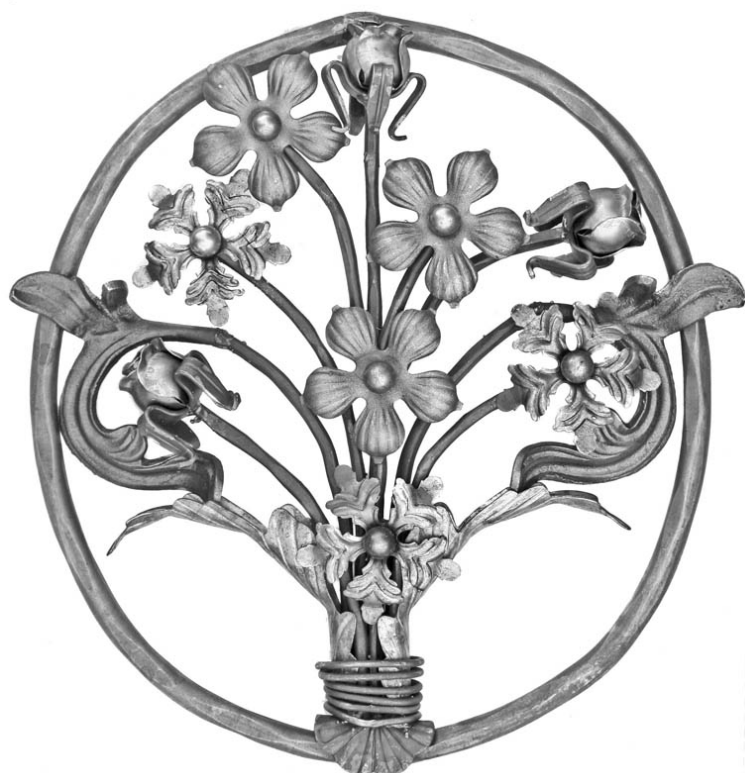
Price: £

Width = 400 mm

Height = 400 mm

Frame = 16 mm Sq. Hammered

A unique alternative to the Oval panels, these newly introduced designer floral panels are crafted within a frame made out of 16 mm Sq. Bar.  
Availability: These panels require a 5-7 day period for manufacture.



Product Code: Floral7

Price: £

Width = 400 mm

Height = 420 mm

Frame = 16 mm Dia Bar

Product Code: Floral8

Price: £

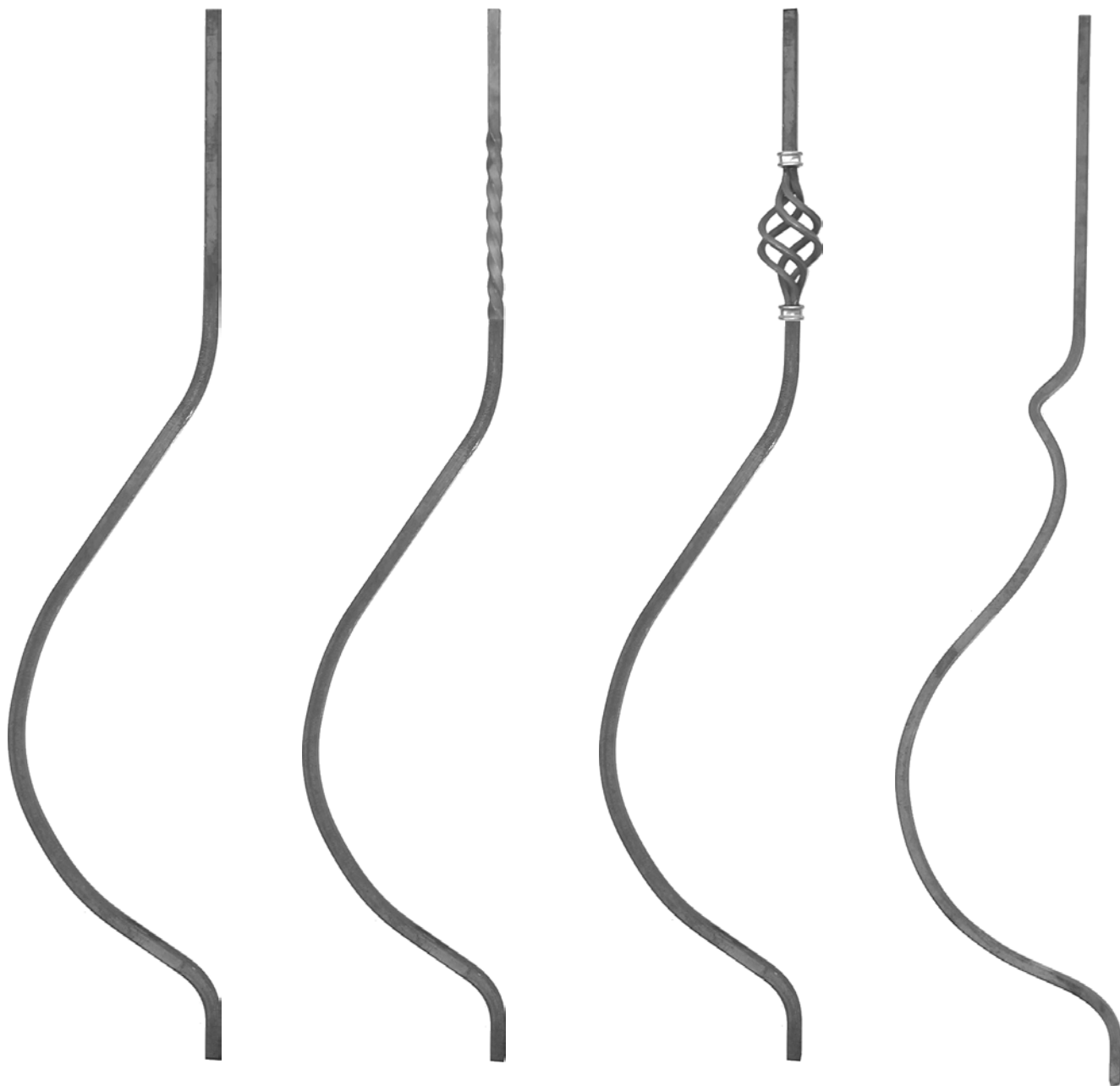
Width = 355 mm

Height = 440 mm

Frame = 12 mm Sq. Hammered

Newest in the series of Floral Panels, Floral7 has been introduced in light of the growing interest in panels with rounder frames. Floral8 adds to our collection of oval panels, this time, with a simple and neat design.

## BOW BALUSTERS



**Style A Plain**

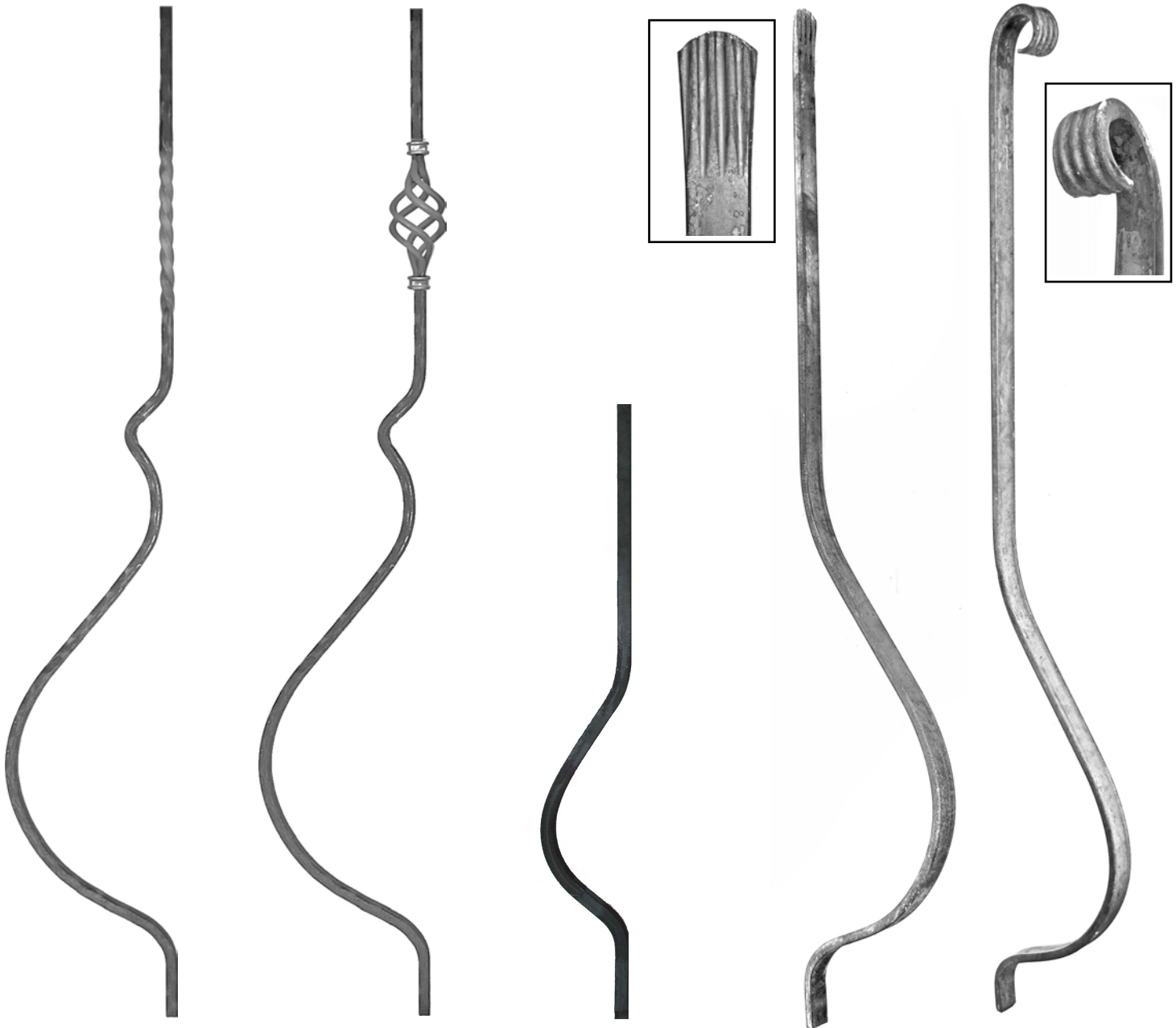
**Style B Twist**

**Style C Cage**

**Style D Plain**

**Made to order: This is a non-stock item. Please allow 2 - 3 days for manufacture.**

Part No.	Size (H x W)	Price Per Item			
		Regular		Edge Hammered	
		12 mm	16 mm	12 mm	16 mm
Style A	1 mtrs x 180 mm				
Style B	1 mtrs x 180 mm			N/A	N/A
Style C	1 mtrs x 180 mm				
Style D	1 mtrs x 180 mm				



**Style E Twist    Style F Cage    Style G Plain    Style H Flat    Style I Flat**

**Made to order: This is a non-stock item. Please allow 2 - 3 days for manufacture.**

Part No.	Size (H x W)	Price Per Item			
		Regular		Edge Hammered	
		12 mm	16 mm	12 mm	16 mm
Style E	1 mtrs x 180 mm			N/A	N/A
Style F	1 mtrs x 180 mm				
Style G	0.5 mtrs x 75 mm		N/A	N/A	N/A
Style H	(1030 x 175) mm	25x6 mm @		25x6 mm @	
Style I	(1050 x 175) mm	25x8 mm @		25x8 mm @	
		25x10 mm @		25x10 mm @	



This profile cut design is cut out of plain flat steel and is welded onto flat bar of different types. In style J, it is on plain bar and on Style K, it is on Wavy bar.



**Style J Flat**

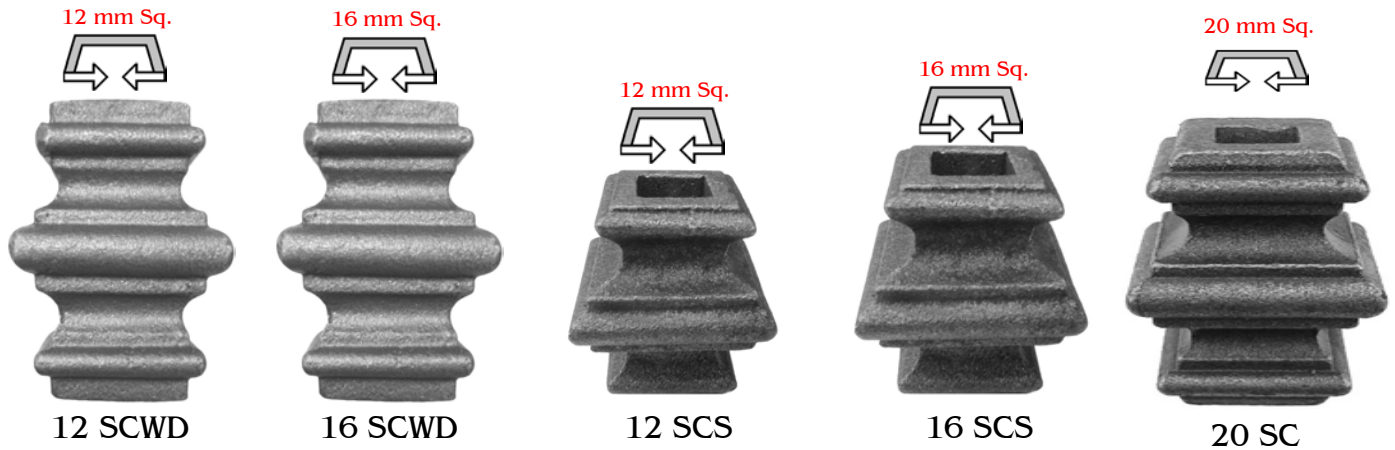
**Style K Flat**

Made to order: This is a non-stock item. Please allow 2 - 3 days for manufacture.

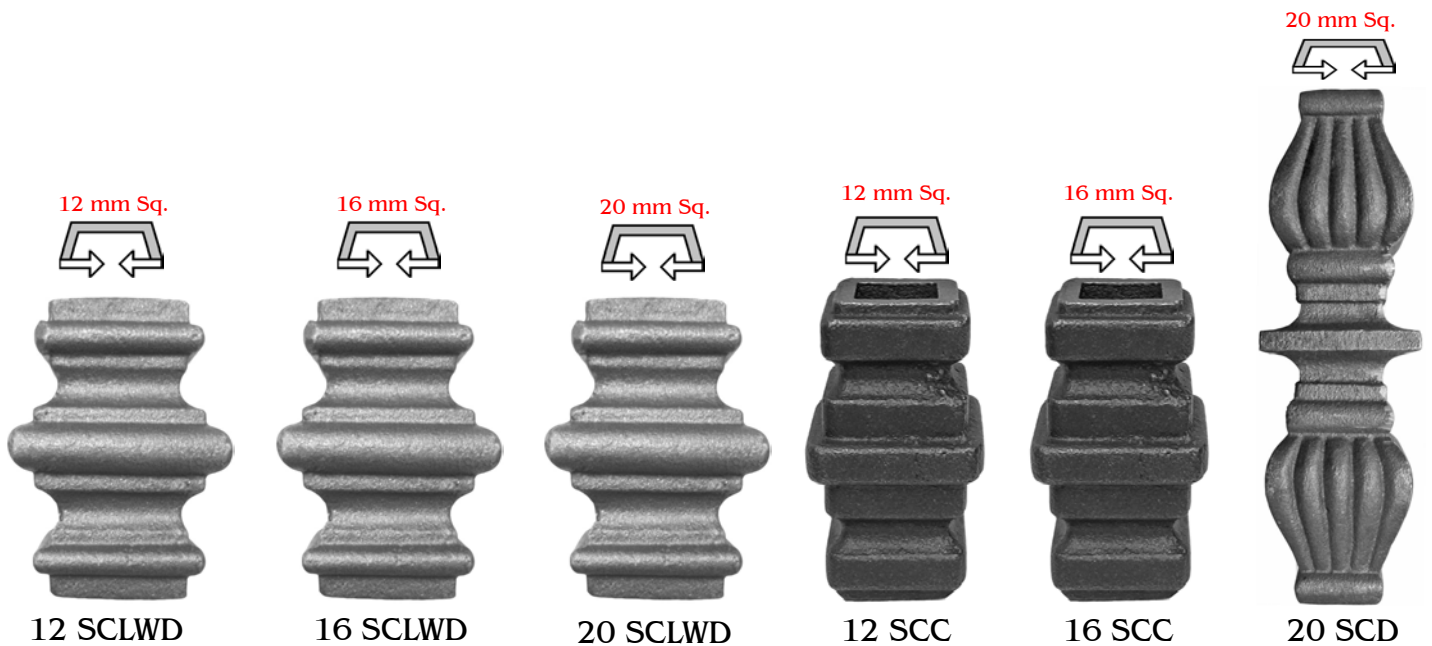
Part No.	Material Details		Size (L) x (W)	Price Per Item
	Bar Type	Dimension		
Style J	Plain	20 mm x 6 mm	1300 mm x 80 mm	
Style K	Wavy	20 mm x 6 mm	1300 mm x 80 mm	



# CAST SQUARE COLLARS



Part No.	Description	Size	Will fit Bars		Price (Each)
			Round	Square	
12 SCWD	12 mm Square Collar - Well Defined	<b>H</b> 68 mm x <b>W</b> 40 mm	-	12 mm Sq.	
16 SCWD	16 mm Square Collar - Well Defined	<b>H</b> 68 mm x <b>W</b> 40 mm	-	16 mm Sq.	
12 SCS	12 mm Square Collar Half - small	<b>H</b> 45 mm x <b>W</b> 40 mm	-	12 mm Sq.	
16 SCS	16 mm Square Collar Half - small	<b>H</b> 48 mm x <b>W</b> 48 mm	-	16 mm Sq.	
20 SC	20 mm Square Collar	<b>H</b> 50 mm x <b>W</b> 55 mm	-	20 mm Sq.	



Part No.	Description	Size	Will fit Bars	Price
12 SCLWD	12 mm Square Collar - Large, well defined	<b>H</b> 62 mm x <b>W</b> 48 mm	12 mm Sq.	
16 SCLWD	16 mm Square Collar - Large, well defined	<b>H</b> 64 mm x <b>W</b> 46 mm	16 mm Sq.	
20 SCLWD	20 mm Square Collar - Large, well defined	<b>H</b> 64 mm x <b>W</b> 46 mm	20 mm Sq.	
12 SCC	12 mm Square Collar	<b>H</b> 68 mm x <b>W</b> 48 mm	12 mm Sq.	
16 SCC	16 mm Square Collar	<b>H</b> 70 mm x <b>W</b> 40 mm	16 mm Sq.	
20 SCD	20 mm Decorative Square Collar	<b>H</b> 195 mm x <b>W</b> 55 mm	20 mm Sq.	

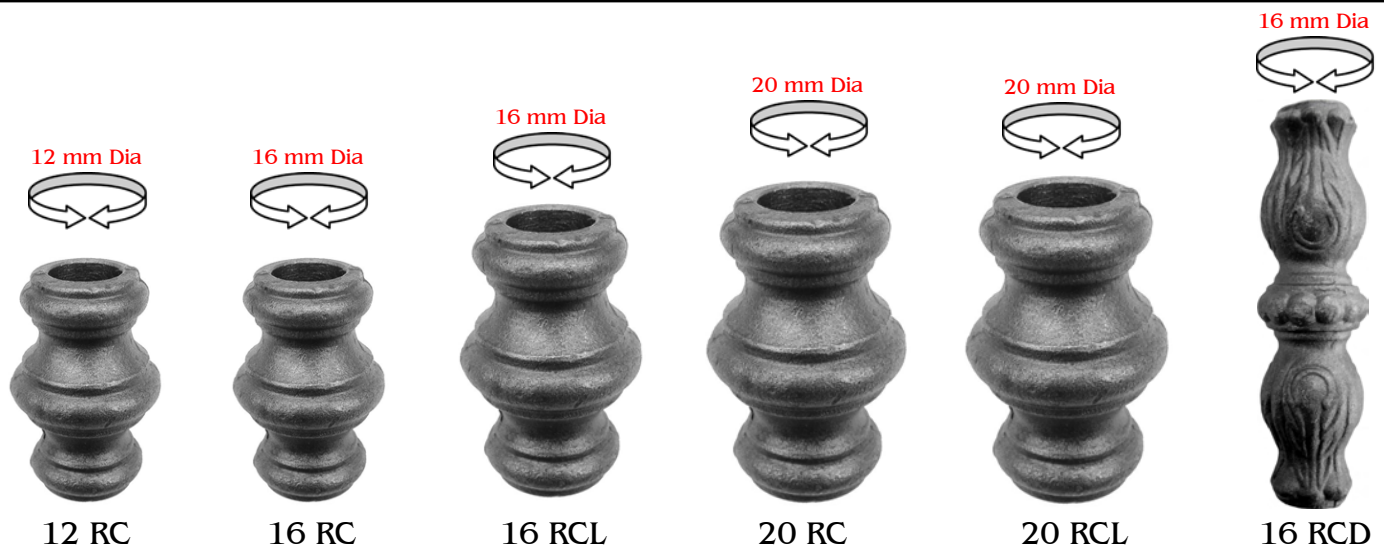
# ROUND COLLARS

## Half Round Collars



Part No.	Description	Size	Will fit		Price Per Item
			Round Bars	Square Bars	
12 HRC	12 mm Half Round Collar	H 40 mm x W 40 mm	12 mm Dia	N/A	
16 HRC	16 mm Half Round Collar	H 40 mm x W 40 mm	16 mm Dia	12 mm Sq.	
16 HRCL	16 mm Half Round Collar LARGE	H 45 mm x W 45 mm	16 mm Dia	12 mm Sq.	
20 HRC	20 mm Half Round Collar	H 45 mm x W 45 mm	20 mm Dia	16 mm Sq.	
16 SRC	16 mm Half Round Collar SMALL	H 23 mm x W 40 mm	16 mm Dia	N/A	

## Round Collars



Part No.	Description	Size	Will fit		Price Per Item
			Round Bars	Square bars	
12 RC	12 mm Round Collar	H 67 mm x W 40 mm	12 mm Dia	N/A	
16 RC	16 mm Round Collar	H 67 mm x W 40 mm	16 mm Dia	12 mm Sq.	
16 RCL	16 mm Round Collar LARGE	H 70 mm x W 45 mm	16 mm Dia	12 mm Sq.	
20 RC	20 mm Round Collar	H 68 mm x W 43 mm	20 mm Dia	16 mm Sq.	
20 RCL	20 mm Round Collar LARGE	H 80 mm x W 50 mm	20 mm Dia	16 mm Sq.	
16 RCD	16 mm Round Collar	H 135 mm x W 38 mm	16 mm Dia	12 mm Sq.	

# SQUARE COLLARS

## Half Collars



12 SCH



16 SCH



16 HRCS

Part No.	Description	Size	Will fit Bars		Price (Each)
			Round	Square	
12 SCH	12 mm Square Collar Half	<b>H</b> 40 mm x <b>W</b> 40 mm	-	12 mm Sq.	
16 SCH	16 mm Square Collar Half	<b>H</b> 50 mm x <b>W</b> 45 mm	-	16 mm Sq.	
16 HRCS	16 mm Half Round Collar - sq hole	<b>H</b> 47 mm x <b>W</b> 50 mm	-	16 mm Sq.	

## Full Size Collars



12 SC



16 SC



16 SCL



16 RCS



16 SCR

Part No.	Description	Size	Will fit Bars		Price (Each)
			Round	Square	
12 SC	12 mm Square Collar - Round hole	<b>H</b> 70 mm x <b>W</b> 40 mm	16 mm Dia	12 mm Sq.	
16 SC	16 mm Square Collar	<b>H</b> 70 mm x <b>W</b> 40 mm	-	16 mm Sq.	
16 SCL	16 mm Square Collar LARGE	<b>H</b> 89 mm x <b>W</b> 45 mm	-	16 mm Sq.	
16 RCS	16 mm Round Collar - Square hole	<b>H</b> 80 mm x <b>W</b> 50 mm	-	16 mm Sq.	
16 SCR	16 mm Square Collar - Round hole	<b>H</b> 70 mm x <b>W</b> 40 mm	20 mm Dia	16 mm Sq.	

# GATE FITTINGS



LP 1



LP 2

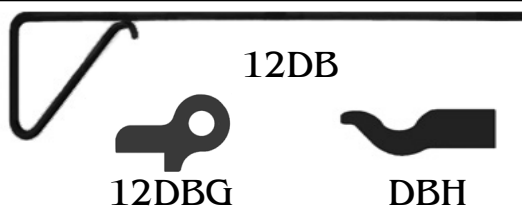


LP 3

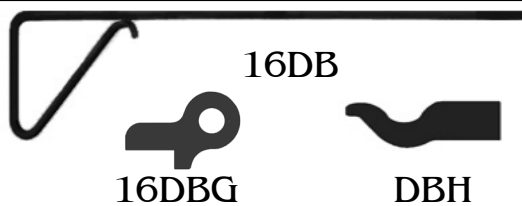


LP 4

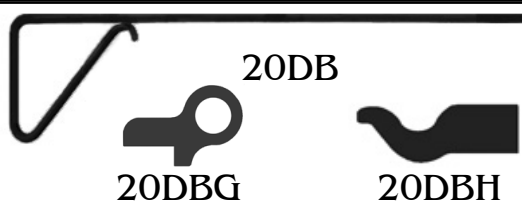
## 12mm Drop Bar Set: 12DBS



## 16mm Drop Bar Set: 16DBS



## 16mm Drop Bar Set: 20DBS



## Latch Set Small: LSS



Latch 3

**OR**



Latch 4

+



Catch 5



Latch 6

Combo 3,5,6 or 4,5,6

## Latch Set Large: LSL



Latch 7



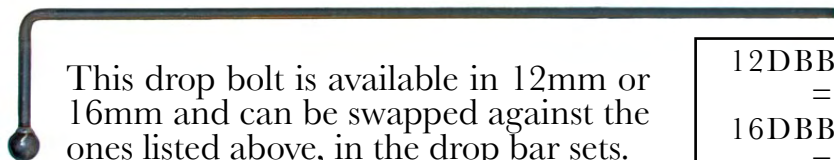
Catch 8

**Combo  
7,8,9**



Latch 9

## Product code DBB - Drop bar with ball



This drop bolt is available in 12mm or 16mm and can be swapped against the ones listed above, in the drop bar sets.

12DBB (12mm)

= £

16DBB (16mm)

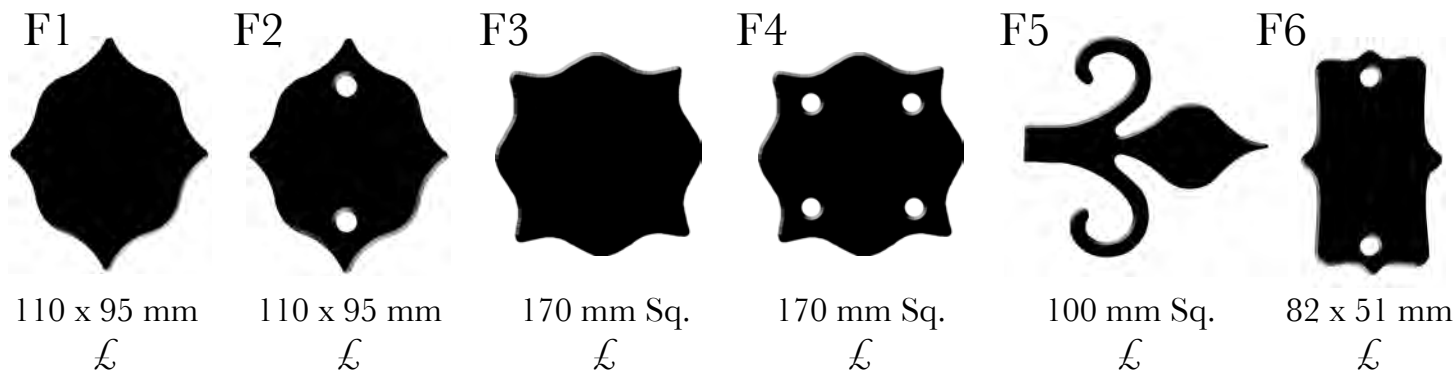
= £

Part No.	Size (H x L x T) mm	Price
LP 1 / LP 2	275 x 160 x 3 mm (Forged)	
LP 3 / LP 4	285 x 145 x 5 mm (Cast)	
Latch 3	37 x 165 x 10 mm Hole	
Latch 4	37 x 140 x 10 mm Hole	
Catch 5	27 x 60 x 6 mm	
Latch 6	23 x 90 x 6 mm	
Latch 7	50 x 300 x 10 mm	
Catch 8	27 x 60 x 8 mm	
Latch 9	23 x 100 x 8 mm	
12 Drop Bar	600 x 140 x 12 mm	
16 Drop Bar	600 x 150 x 16 mm	
20 Drop Bar	600 x 160 x 20 mm	
12 DBG/16 DBG	40 x 60 x 6 mm	
20 DBG	50 x 70 x 6 mm	
DBH	25 x 65 x 6 mm	
20 DBH	35 x 70 x 6 mm	

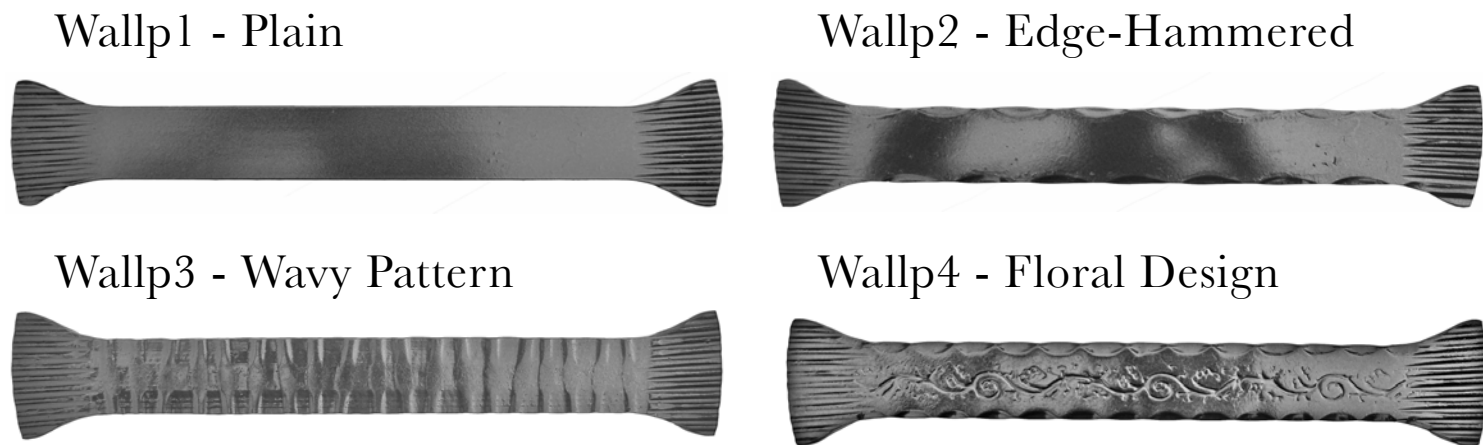
Kit Code	Price
LSS - Small latch set (Lat3 or Lat4 + Cat5 + Lat6)	
LSL - Large latch set (Lat7 + Cat8 + Lat9)	
12DBS - 12mm DB set (12DB + DBH + 2x12DBG)	
16DBS - 16mm DB set (16DB + DBH + 2x16DBG)	
20DBS - 20mm DB set (20DB + 20DBH + 2x20DBG)	
12DBBS - 12mm DBB set (12DBB + DBH + 2x12DBG)	
16DBBS - 16mm DBB set (16DBB + DBH + 2x16DBG)	



===== | Fixing Plates | =====



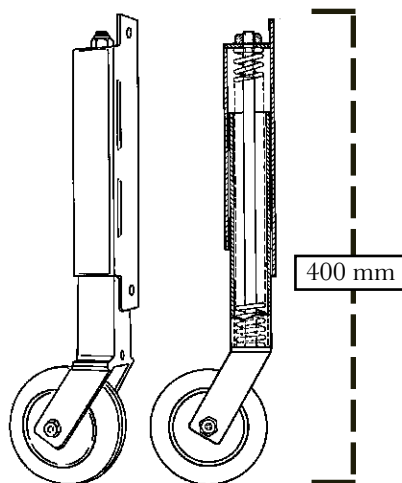
===== | Fish-Tailed Wallplates | =====



Size : 40mm x 8mm Flat Material      Price : £      per wall plate

===== | Gate Jockey Wheel | ===== | Gravity Catch | =====

The model 202 jockey wheel has a load rating of 70 kg and a vertical travel of 50 mm. The fully galvanised steel body is fitted with a 100 mm solid rubber tyre. For safety purposes, the spring is totally enclosed.



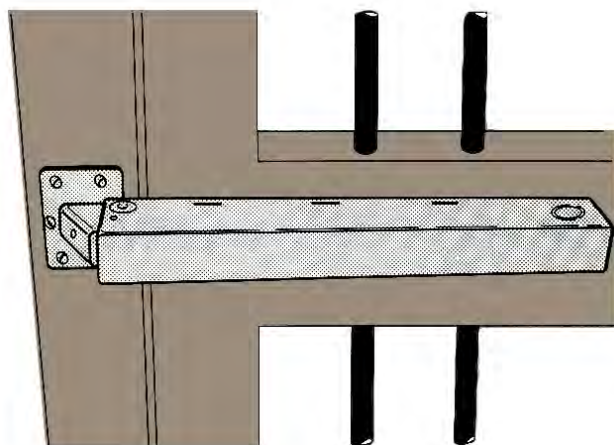
Part No : JW  
Price : £

Gravity Gate Stop & Catch:



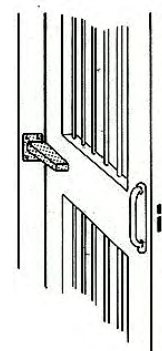
Size: 255 (H)  
x 310 (W) mm

Part No : GC  
Price : £



## **GC 2000 GATE CLOSER:**

The new GC 2000 hydraulic gate closer is designed for self closing personnel gates up to 1000 mm wide and 50 kg in weight. The closer has 2 speeds for closing and latching also a "hold open" facility. The casing is steel powder coated black. It may be necessary for the installer to fabricate mounting brackets to ensure the correct operation of the closer.



Part No.: GC 2000

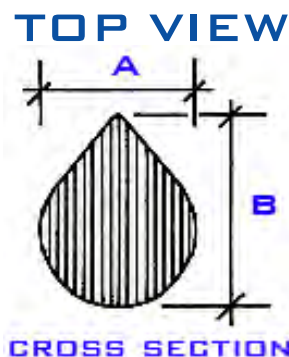
Price: £

Max gate weight: 50 kgs

Max gate width: 1000 mm

Above:  
Gate shown in  
open position.

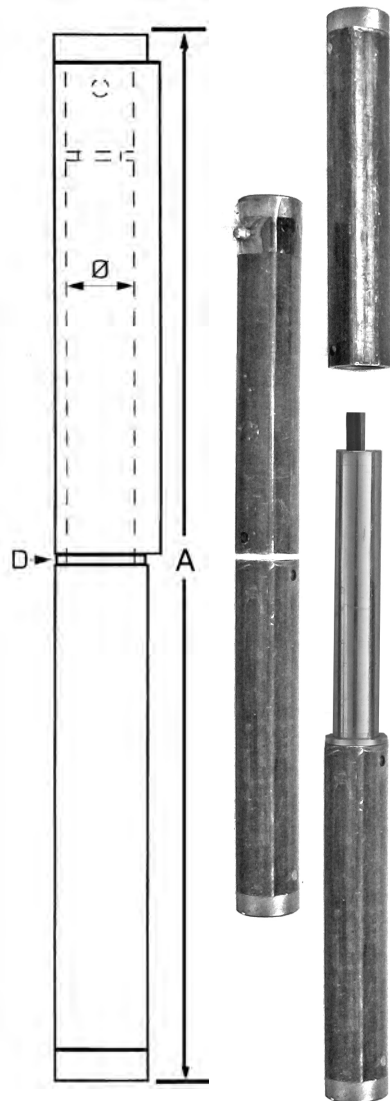
## ===== | Teardrop Hinges | =====



Teardrop  
Hinges  
(TDH)

Part No.	Size			Price (Each)
	Height	Cross Section AxB	Pin Dia	
TDH60	60 mm	10 x 12.5 mm	5.5 mm	
TDH80	80 mm	13 x 16 mm	7 mm	
TDH100	100 mm	16 x 20 mm	9 mm	
TDH140	140 mm	20 x 25 mm	11 mm	
TDH180	180 mm	23 x 29 mm	14 mm	





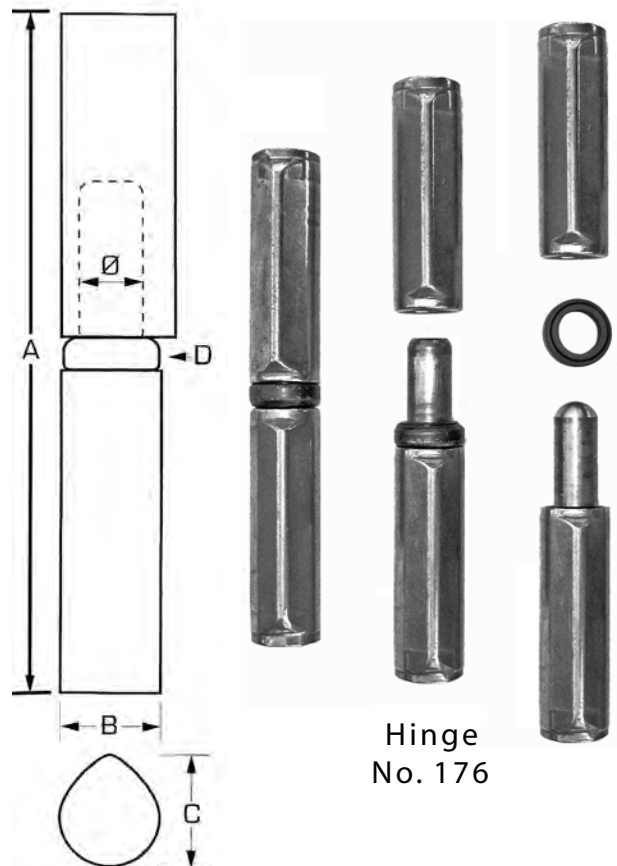
Spring Unit  
No. 551

PRODUCT CODE	DESCRIPTION	PRICE
Kit 551/100/176	2 spring units + 2 hinges. For doors upto 100kg/1200mm wide	
Kit 551/60/176	1 spring unit + 2 hinges. For doors upto 60kg/1000mm wide	

Measurement (in mm)					
SPEC	A	B	C	D	Ø
Spring	250	22	25	2	16
Hinge	150	22	25	7	14

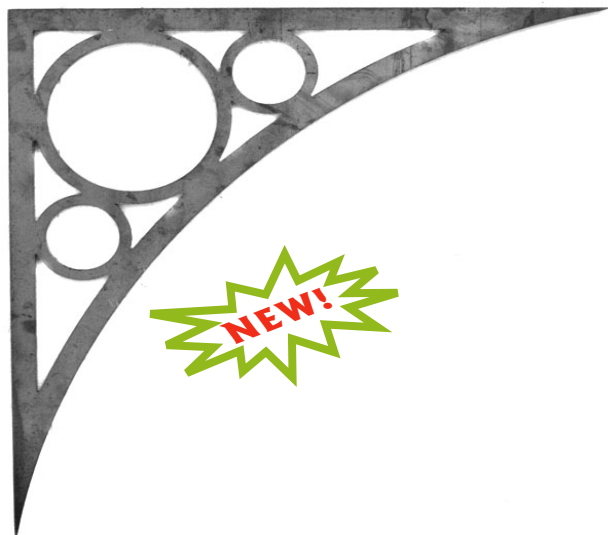
This system is for single action, self-closing, steel doors. Both the spring unit and hinges are weld fixed to the door and frame. The spring unit has an adjustable strength spring whilst the hinges have brass pins and ball bearing washers.

We recommend that door stops are fitted to stop the door passing through 105°. Also, the door must swing freely on the hinges if the spring unit is to work efficiently. The hardware can be fitted to doors of either hand.



Hinge  
No. 176





Laser profiled angles can be used to mount weather vanes upon and also to mount under canopies. To discuss your requirement, please call our sales team.



\* Rectangular Slot



## Punched Lugs

Part No.	Size (W) x (T) x (L)	Hole Size	Price
PL 1	(40 x 10 x 60) mm	(27 x 10) mm	£0.39
PL 1A	(40 x 10 x 60) mm	(30 x 12) mm	£0.39
PL 2	(30 x 10 x 50) mm	(27 x 10) mm	£0.30
PL 2A	(30 x 10 x 50) mm	(30 x 12) mm	£0.30
PL 2B	(30 x 10 x 60) mm	(27 x 10) mm	£0.30
PL 2C	(30 x 10 x 60) mm	(30 x 12) mm	£0.30
PL 3	(30 x 8 x 50) mm	(27 x 10) mm	£0.28
PL 3A	(30 x 8 x 60) mm	(27 x 10) mm	£0.28
PL 4	(50 x 10 x 60) mm	(27 x 10) mm	£0.45
PL 4A	(50 x 10 x 60) mm	(30 x 12) mm	£0.45
* PL 5	(40 x 10 x 50) mm	*(26 x 12) mm	£0.39

## Slotted Lugs

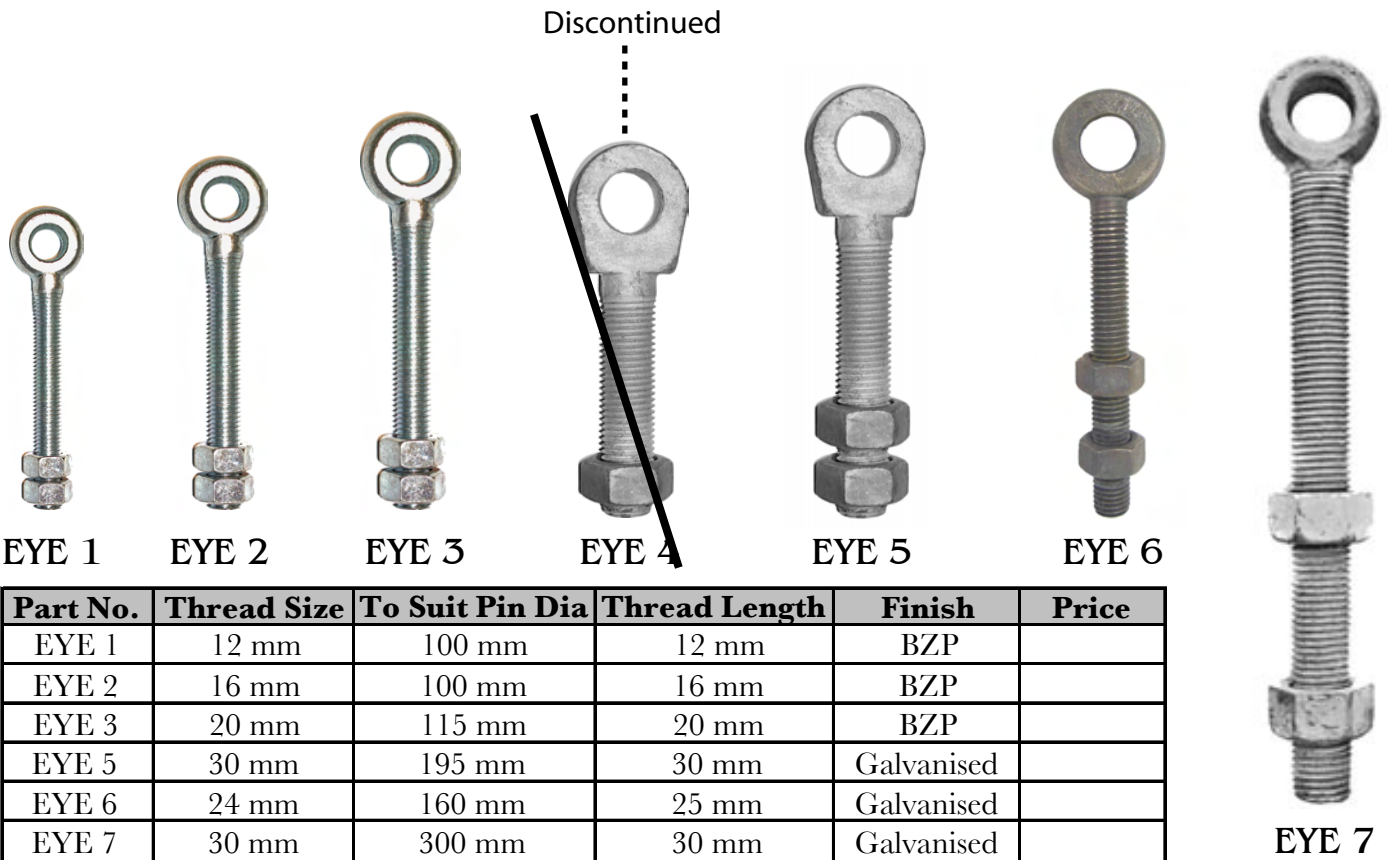
Part No.	Size (L) x (W) x (T)	Slot Size	Price
SL 1	(100 x 38 x 10) mm	(75 x 14) mm	£1.60
SL 2	(110 x 41 x 10) mm	(80 x 18) mm	£2.12
SL 3	(150 x 56 x 12) mm	(100 x 22) mm	£3.18

## Angled Lugs

Part	Size (LxH) x (W) x (T)	Hole Size	Price
AL 1	[60x60]mm x (40 x 8)mm	(30 x 12) mm	£0.90
AL 2	[60x60]mm x (40 x 6)mm	(30 x 12) mm	£0.90

# ADJUSTABLE EYEBOLTS, EYES AND HINGES

## Adjustable Eyebolts



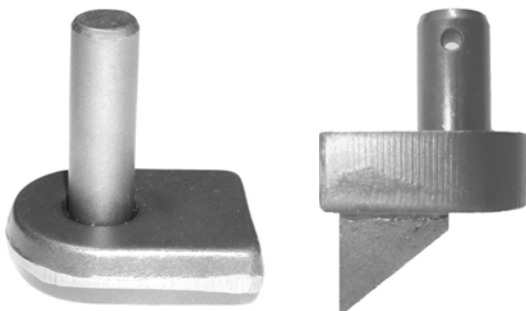
## Eyes



12 / 16 / 20 / 25 / 30 mm Eye

Part No.	Size (H x W x T)	Hole Size	Price (Each)
12 EYE	40 x 25 x 10 mm	12 mm Dia	
16 EYE	61 x 47 x 16 mm	17 mm Dia	
20 EYE	61 x 47 x 16 mm	21 mm Dia	
25 EYE	64 x 50 x 20 mm	27 mm Dia	
30 EYE	83 x 64 x 30 mm	33 mm Dia	

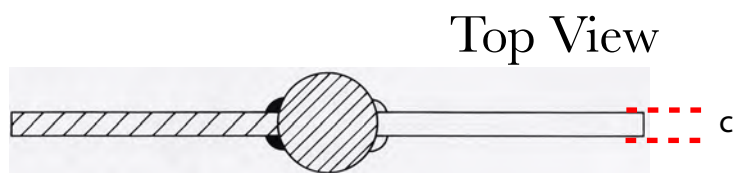
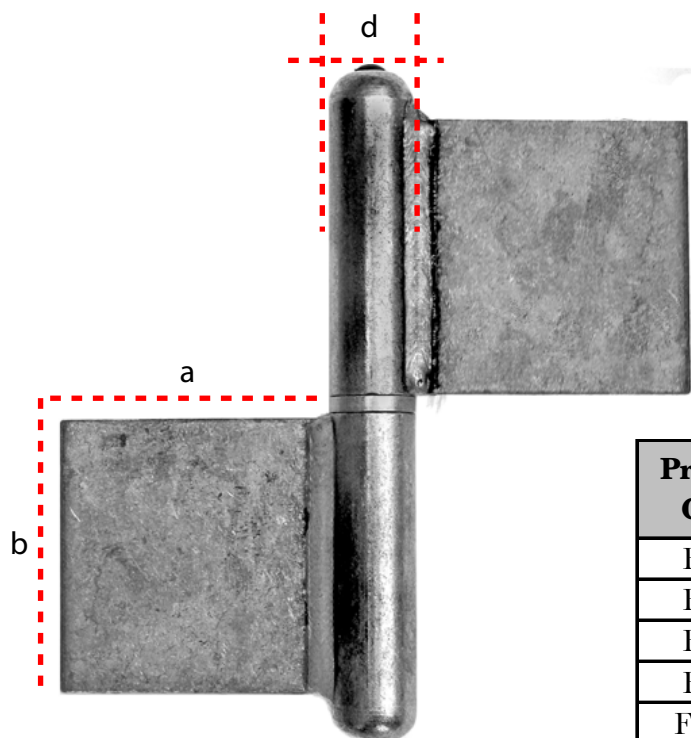
## Regular Hinges



12 / 16 / 20 / 25 mm      30 mm

Part No.	Size (L x H x T)	Pin Size	Price (Each)
12 HING	40 x 25 x 10 mm	12 x 26 mm	
16 HING	61 x 47 x 16 mm	16 x 48 mm	
20 HING	61 x 47 x 16 mm	20 x 50 mm	
25 HING	65 x 52 x 20 mm	25 x 55 mm	
30 HING	83 x 66 x 30 mm	32 x 50 mm	

# FLAG HINGES AND WELDABLE BUTT HINGES



Top View

These flag hinges can be fitted to doors of either hand, as they are not offset. All sizes have an oiling hole and cap.

Product Code	Size	Measurements			Price
		a x b	c	d [dia]	
FH60	60 mm	30 x 30	5 mm	14 mm	
FH70	70 mm	35 x 35	5 mm	16 mm	
FH80	80 mm	40 x 40	5 mm	18 mm	
FH90	90 mm	45 x 45	5 mm	20 mm	
FH100	100 mm	50 x 50	5 mm	20 mm	
FH120	120 mm	60 x 60	6 mm	22 mm	
FH140	140 mm	70 x 70	6 mm	22 mm	
FH160	160 mm	80 x 80	6 mm	23 mm	

## Weldable Butt Hinges



Part No.	Height
BH75	75 mm
BH100	100 mm
BH150	150 mm



# WAVY BARS



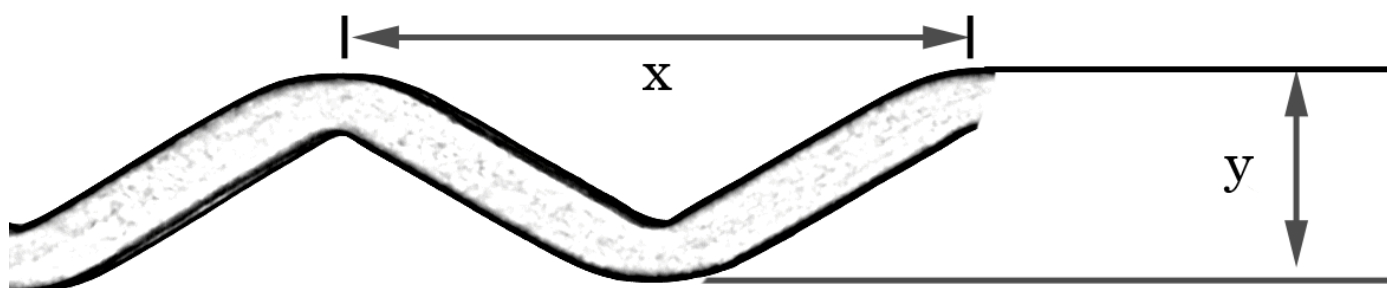
STYLE: WB 1



STYLE: WB 2



STYLE: WB 3



\* Standard Length is 1200 mm.

Made to order: This is a non-stock item. Please allow 5 - 7 days for manufacture

Part No.	Bar Type	Dimensions				Price per 1200 mm
		Bar Size	Length	x	y	
WB 1		12 mm Dia	1200 mm	100 mm	35 mm	
WB 1a		16 mm Dia	1200 mm	100 mm	35 mm	
WB 2		12 mm Sq.	1200 mm	100 mm	35 mm	
WB 2a		16 mm Sq.	1200 mm	100 mm	35 mm	
WB 3		12 mm x 6 mm	1200 mm	100 mm	35 mm	
WB 3a		16 mm x 6 mm	1200 mm	100 mm	35 mm	
WB 3b		16 mm x 8 mm	1200 mm	100 mm	35 mm	
WB 3c		20 mm x 6 mm	1200 mm	100 mm	35 mm	
WB 3d		20 mm x 8 mm	1200 mm	100 mm	35 mm	

# WAVY BARS



STYLE: WB 4

BAR TYPE:



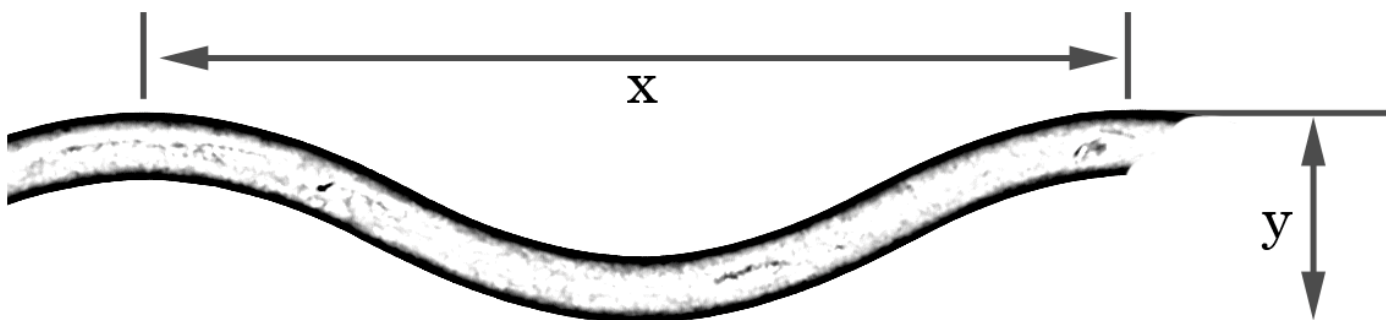
STYLE: WB 5

BAR TYPE:



STYLE: WB 6

BAR TYPE:



\* Standard Length is 1200 mm.

Made to order: This is a non-stock item. Please allow 5 - 7 days for manufacture

Part No.	Bar Type	Dimensions				Price per 1200 mm
		Bar Size	Length	x	y	
WB 4	●	12 mm Dia	1200 mm	230 mm	47 mm	
WB 4a	●	16 mm Dia	1200 mm	230 mm	47 mm	
WB 5	■	12 mm Sq.	1200 mm	235 mm	47 mm	
WB 5a	■	16 mm Sq.	1200 mm	235 mm	47 mm	
WB 6	▬	12 mm x 6 mm	1200 mm	230 mm	50 mm	
WB 6a	▬	16 mm x 6 mm	1200 mm	230 mm	50 mm	
WB 6b	▬	16 mm x 8 mm	1200 mm	230 mm	50 mm	
WB 6c	▬	20 mm x 6 mm	1200 mm	230 mm	50 mm	
WB 6d	▬	20 mm x 8 mm	1200 mm	230 mm	50 mm	



## WAVY BARS - WITH DEEPER WAVES



STYLE: WB 1

BAR TYPE:



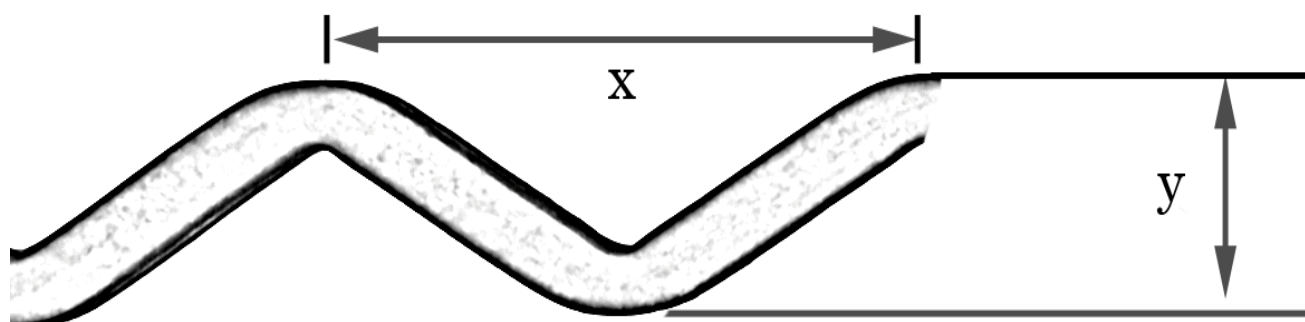
STYLE: WB 2

BAR TYPE:



STYLE: WB 3

BAR TYPE:



\* Standard Length is 1200 mm.

Made to order: This is a non-stock item. Please allow 5 - 7 days for manufacture

Part No.	Bar Type	Dimensions				Price per 1200 mm
		Bar Size	Length	x	y	
WBD 1	●	12 mm Dia	1200 mm	100 mm	50 mm	
WBD 1a	●	16 mm Dia	1200 mm	100 mm	50 mm	
WBD 2	■	12 mm Sq.	1200 mm	100 mm	50 mm	
WBD 2a	■	16 mm Sq.	1200 mm	100 mm	50 mm	
WBD 3	▬	12 mm x 6 mm	1200 mm	100 mm	50 mm	
WBD 3a	▬	16 mm x 6 mm	1200 mm	100 mm	50 mm	
WBD 3b	▬	16 mm x 8 mm	1200 mm	100 mm	50 mm	
WBD 3c	▬	20 mm x 6 mm	1200 mm	100 mm	50 mm	
WBD 3d	▬	20 mm x 8 mm	1200 mm	100 mm	50 mm	

# DECORATIVE BAR

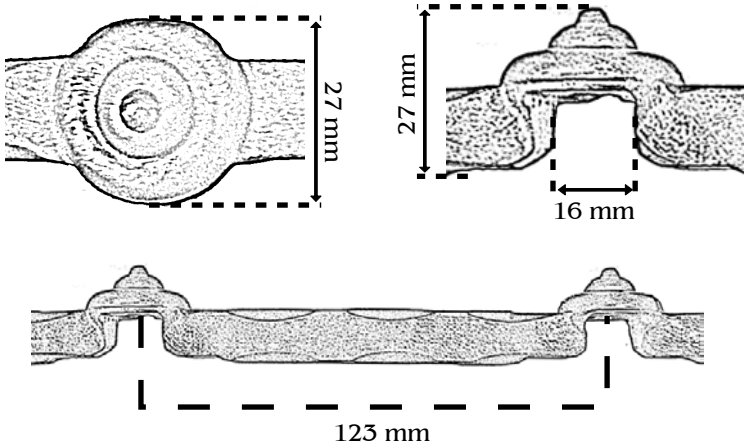


Top View



Side View

Dimension:



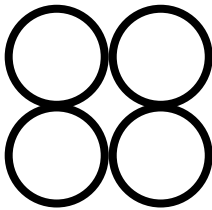
Bar Dimension: 16 mm Sq.  
Standard Length: 2 metres  
Price Per Length: \_\_\_\_\_

## ===== | Solid Rope Twist Bar | =====



This 4 strand rope twist design is available at a standard length of 2.8 metres and can be manufactured in the following four sizes:

Measurements		Length	Price
Finished Bar	4 strands		
16 mm	6 mm	2800 mm	
20 mm	8 mm	2800 mm	
24 mm	10 mm	2800 mm	
30 mm	12 mm	2800 mm	



4 Strand Design



FlameBask 12mm / 16mm / 20mm



Flame 12mm / 16mm / 20mm



Spike 12mm / 16mm / 20mm / 25mm



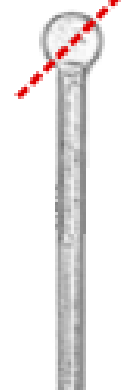
Code	Size	Length	Price	
			Plain	Edge Hammered
FlameBask 12	12 mm Sq.	1000 mm		
FlameBask 16	16 mm Sq.	1000 mm		
FlameBask 20	20 mm Sq.	1000 mm		
Flame 12	12 mm Sq.	1000 mm		
Flame 16	16 mm Sq.	1000 mm		
Flame 20	20 mm Sq.	1000 mm		
Spike 12	12 mm Sq.	1000 mm		
Spike 16	16 mm Sq.	1000 mm		
Spike 20	20 mm Sq.	1000 mm		
Spike 25	25 mm Sq.	1000 mm		

Made to order: All Items on this page are are non-stock items and will require 5 - 7 days to manufacture.

These bars come at a standard height of 450 mm and/or 1000mm. Any size in between can be manufactured on request. The size of the steel sphere is 30 mm. Larger sizes, to fit on thicker sized bars, will be made available soon.

*These bars are also available pre-assembled as a railing panel [using 17 such bars], as shown in the section titled 'readymade*

**30mm  
dia**



Description	Bar Size	Length	Price
30mm Sphere on Round Bar	12mm Dia	450 mm to 1000 mm	

Knotted bars are available in 12 mm or 16 mm Dia thickness. The Knots are random and can be 180° to each other. Customised sizes/designs can be taken into consideration. Please contact a member of our sales team, for a quote.

Type A



Type B



Type C



Type D



Type E



Type F



Type G



Type H



Knotted bars can be made using any of the three design ends shown in the box. These ends can be used in any random combinations, as illustrated.



Size/Type	Type A x 1 mt.	Type B x 1 mt.	Type C x 1 mt.	Type D x 1 mt.	Type E x 1 mt.	Type F x 1 mt.	Type G x 1 mt.	Type H x 1 mt.
12mm								
16mm								

All Knotted Bars are made-to-order. Kindly order 5-7 days in advance.

Also available in 12 mm or 16 mm Dia thickness, these bars have random knots that are flat [forming a loop] rather than at an angle to the length of the bar. Customised sizes/designs can be taken into consideration. Please contact a member of our sales team, for a quote.

Type A - Flat



Type B - Flat



Type C - Flat



Type D - Flat



Type E - Flat



Type F - Flat



Type G - Flat



Type H - Flat



Knotted bars can be made using any of the three design ends shown in the box. These ends can be used in any random combinations, as illustrated.

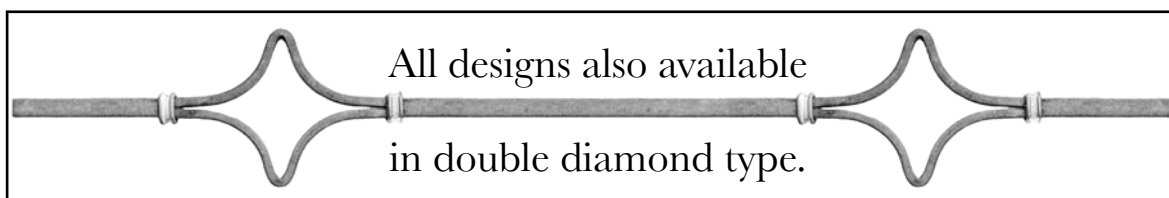
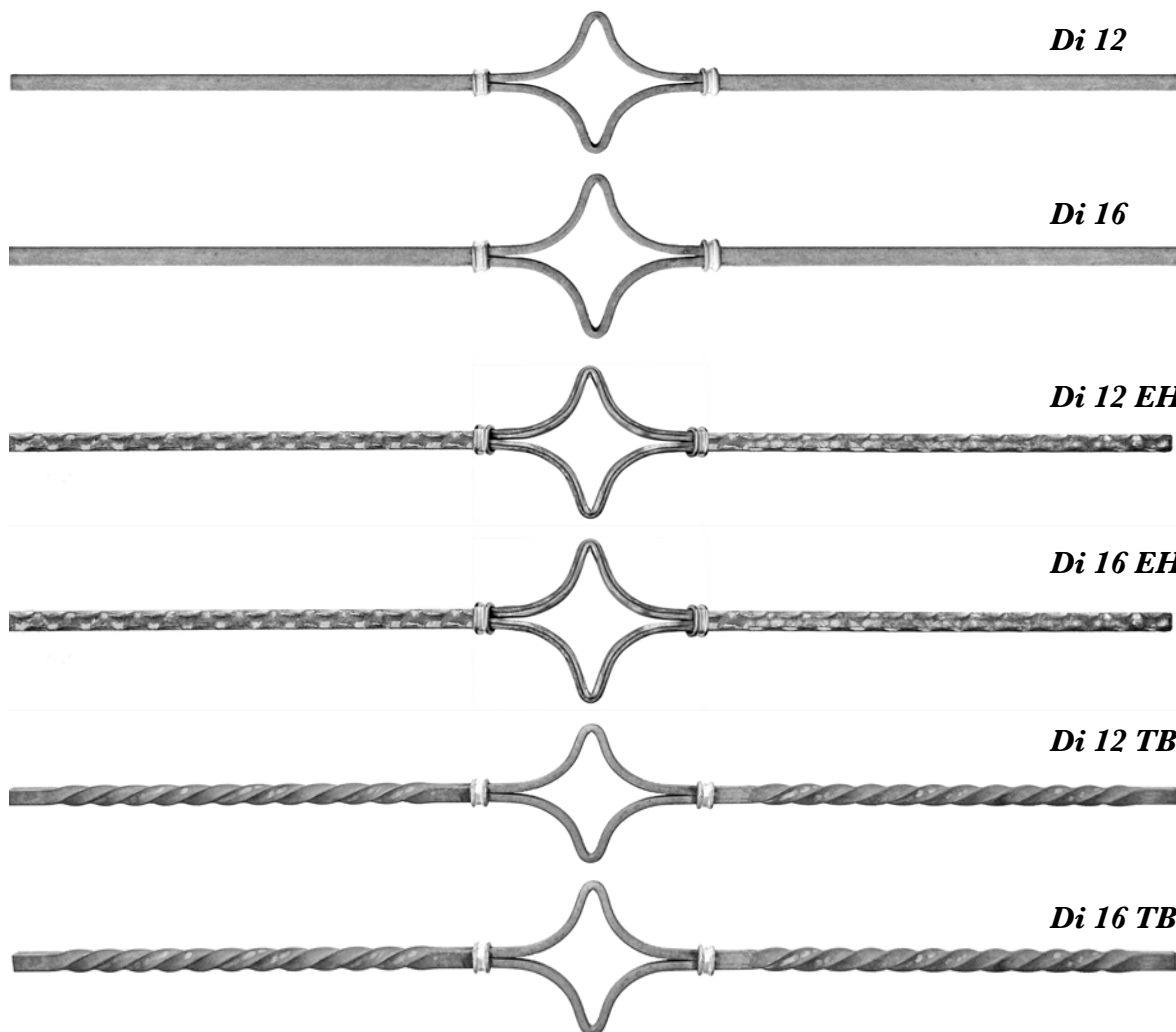


**(A) Fish Tail (B) Ball End (C) Spoon End**

Size/Type	Type A x 1 mt.	Type B x 1 mt.	Type C x 1 mt.	Type D x 1 mt.	Type E x 1 mt.	Type F x 1 mt.	Type G x 1 mt.	Type H x 1 mt.
12mm								
16mm								

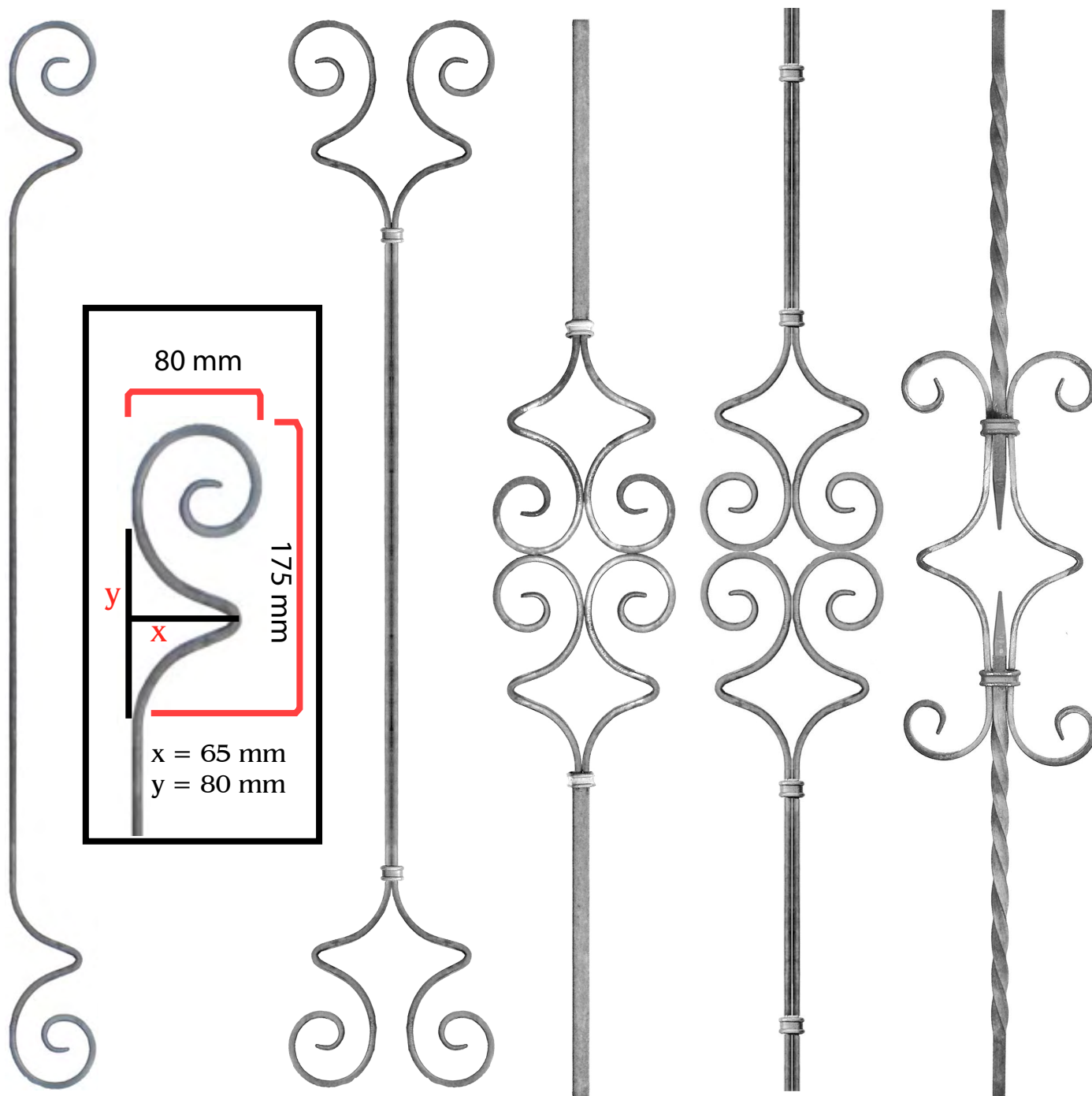
All Knotted Bars are made-to-order. Kindly order 5-7 days in advance.

Diamond Bars: Introduced due to popular demand, these are the latest addition to our range of decorative bars. All bars listed on this page are of 1000 mm length. However, we will strive our best to meet your customized size requirements. Please get in touch with us for details. Please allow 3-5 days for manufacture.



Product Code	Material Type		Material Dimension		Bar with 1 Diamond	Bar with 2 Diamonds
	Bar	Diamond	Bar	Diamond		
Di 12	Plain	Plain	12 mm x 1 mt.	12x6 mm		
Di 16	Plain	Plain	16 mm x 1 mt.	16x8 mm		
Di 12 EH	EH	EH	12 mm x 1 mt.	12x6 mm		
Di 16 EH	EH	EH Grooved	16 mm x 1 mt.	12x6 mm		
Di 12 TB	Twisted	Plain	12 mm x 1 mt.	12x6 mm		
Di 16 TB	Twisted	Plain	16 mm x 1 mt.	16x8 mm		





DECO - 7

DECO - 8

DECO - 9

DECO - 10

DECO - 11

Part No.	Dimensions	Price
DECO 7	(12 x 6) mm Bar x 1000 mts	
DECO 8	(12 x 6) mm x (L)1000 mm x (W)185 mm	
DECO 9	12 mm Sq. x (L)1000 mm x (W)160 mm	
DECO 10	12 mm Sq. x (L)1000 mm x (W)160 mm	
DECO 11	12 mm Sq. x (L)1000 mm x (W)205 mm	

\* Alt Sizes for DECO 7 and DECO 8

Bar Sizes	DECO - 7	DECO - 8
16 x 6 mm		
20 x 6 mm		
10 mm Sq.		
12 mm Sq.		

All bars have a standard length of 1 mt.; but can be made upto any reasonable length. These bars are made-to-order and require 3-5 days for manufacture.

These Walking Stick Design bars have a standard length of 1 mt.; but can be made upto any reasonable length. These bars are made-to-order and require 3-5 days for manufacture.

Stick 12 EH - Edge Hammered

Stick 12 W - Wavy

Stick 12 P - Plain

Part No	Bar Type	Dimension	Price	
			Single	Double
Stick 12 P	Plain	12 mm Sq. x 1 mt x 80 mm		
Stick 12 W	Wavy	12 mm Sq. x 1 mt x 80 mm		
Stick 12 EH	Hammered	12 mm Sq. x 1 mt x 80 mm		
Stick 16 P	Plain	16 mm Sq. x 1 mt x 80 mm		
Stick 16 W	Wavy	16 mm Sq. x 1 mt x 80 mm		
Stick 16 EH	Hammered	16 mm Sq. x 1 mt x 80 mm		
Stick 20 P	Plain	20 mm Sq. x 1 mt x 80 mm		
Stick 20 W	Wavy	20 mm Sq. x 1 mt x 80 mm		
Stick 20 EH	Hammered	20 mm Sq. x 1 mt x 80 mm		

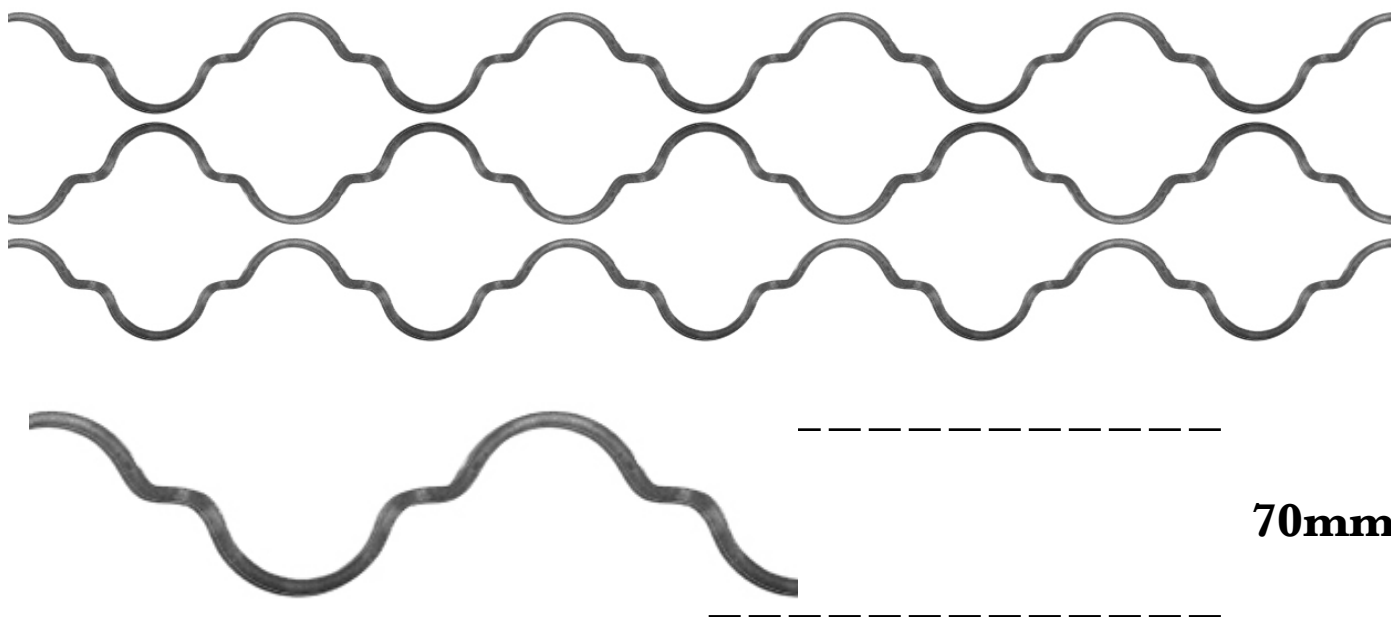


DStick 12 EH - Edge Hammered

DStick 12 W - Wavy

DStick 12 P - Plain

**Florentine Bar:**



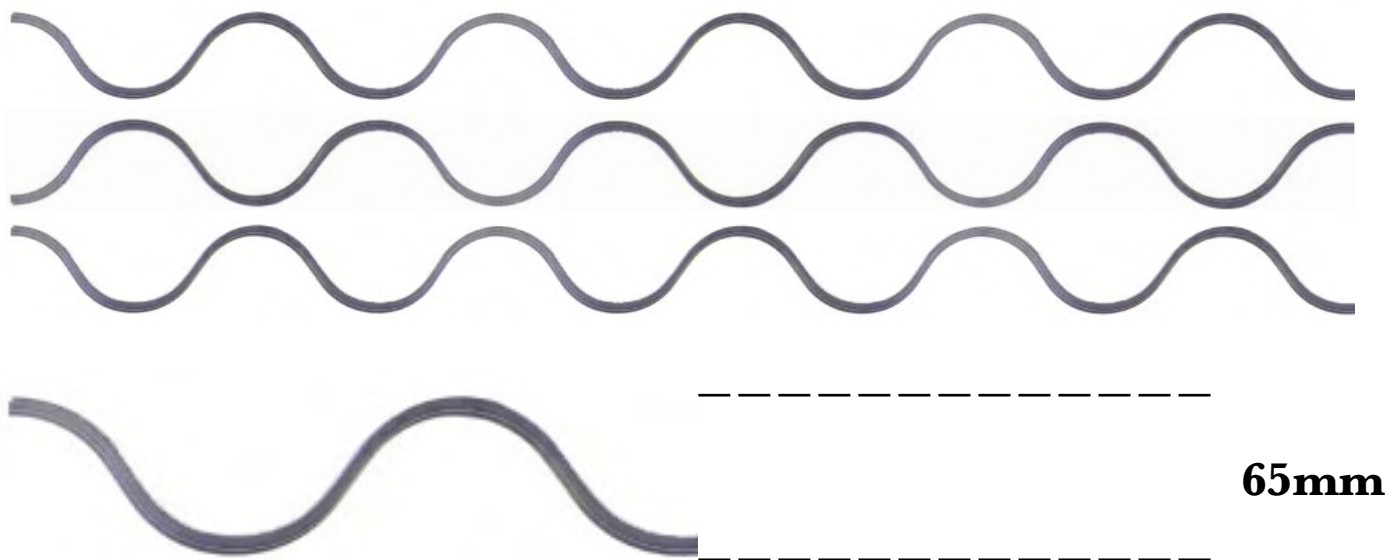
Standard Length : 2500 mm

Available in :

12x6 mm @

\* Kindly allow 3-5 days to manufacture.

**Wave Bar:**



Standard Length : 2500 mm

Available in :

12x6 mm @

16x6 mm @

20x6 mm @

\* Kindly allow 3-5 days to manufacture.

A new range of bars that are designed to be used in constructing customized panels. All bars listed on this page are of 1000 mm length. However, we will strive our best to meet your customized size requirements. Please get in touch with us for details.



Part No.	Dimensions
DECO 1	12 mm Sq Bar x 1000 mts
DECO 2	12 mm Dia Bar x 1000 mts
DECO 3	13 x 6 mm Bar x 1000 mts
DECO 3A	16 x 6 mm Bar x 1000 mts
DECO 3B	20 x 8 mm Bar x 1000 mts
DECO 4	16 mm Sq Bar x 1000 mts
DECO 5	12 mm Sq Bar x 1000 mts



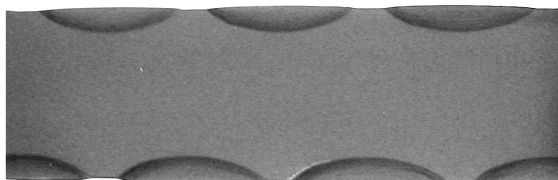
DECO - 4



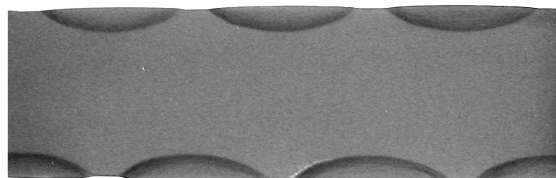
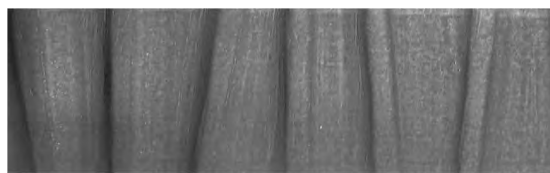
DECO - 5

# TEXTURED SQUARE and FLAT BARS

Flower Bar



Wavy Bar



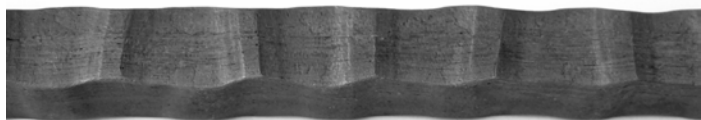
Edge Hammered  
(2 edges only)

Double Edge  
Hammered (All 4 edges)

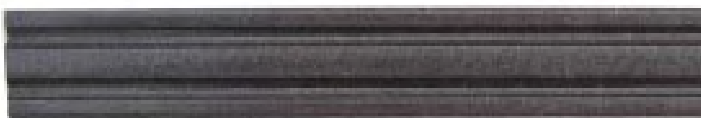
Dimension / Design	50x8	40x10	40x8	40x6	30x10	30x8	30x6	25x10	25x8	25x6	20x10	20x8	20x6
	3 mts	3 mts	3 mts	3 mts	3 mts	3 mts	3 mts	3 mts	3 mts	3 mts	3 mts	3 mts	3 mts
Flower	N/A				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Wavy	N/A												
Single E.H.													
Double E.H.	N/A			N/A			N/A			N/A			N/A



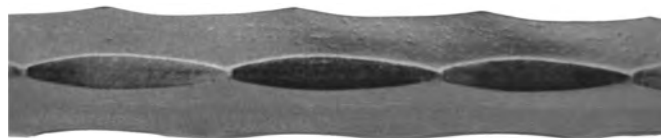
Wavy - with waves on two sides of the bar.



Double Sided Wavy - with waves on all four sides of the bar.



Double Grooved

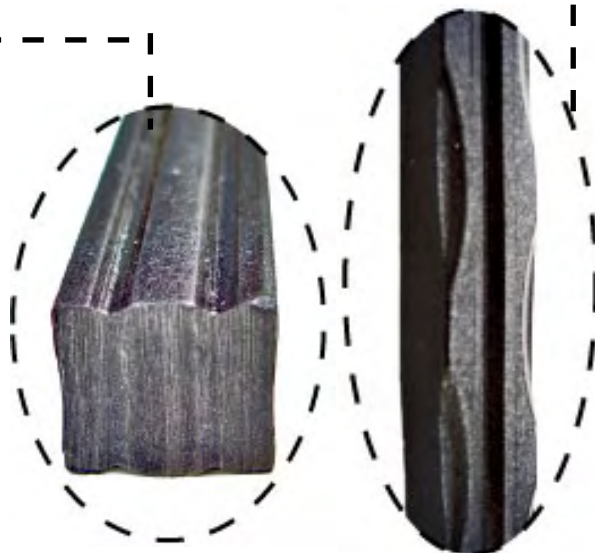


Edge Hammered



Grooved and Edge Hammered

Size	Wavy, Double Sided Wavy & Edge Hammered	Double Grooved	Grooved and Edge Hammered
10 mm Sq. x 3 mts	N/A	N/A	
12 mm Sq. x 3 mts			
14 mm Sq. x 3 mts		N/A	N/A
16 mm Sq. x 3 mts			N/A
20 mm Sq. x 3 mts		N/A	N/A
12 mm Sq. x 2 mts		N/A	N/A
14 mm Sq. x 2 mts		N/A	N/A
16 mm Sq. x 2 mts		N/A	N/A
20 mm Sq. x 2 mts		N/A	N/A





## FORGED BARS



FB 1 - FORGED BAR SINGLE



FB 2 - FORGED BAR DOUBLE



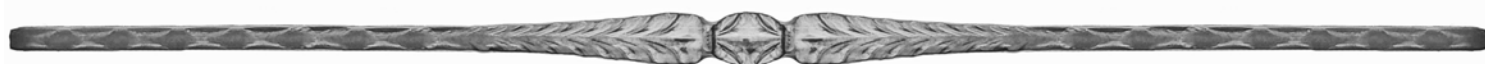
FB 3 - 25 mm FORGED BAR SINGLE



PK 5 - DOUBLE FISH TAILED BAR



PK 5/A - SINGLE FISH TAILED BAR  
with spokes in the centre.



PK 6 - SINGLE FISH TAILED BAR  
with a diamond pattern in the centre.



PK 6/A - DOUBLE FISH TAILED BAR

Part No.	Description	Size	Price
		Length x Width	
FB 1	Forged Bar Single	950 mm x 14 mm	
FB 2	Forged Bar Double	950 mm x 14 mm	
FB 3	25mm Forged Bar Single	1200 mm x 25 mm	
PK 5	12 mm Double Fish Tailed Bar	1000 mm x 30 mm	
PK 5/A	12 mm Single Fish Tailed Bar with spokes in the centre	1000 mm x 33 mm	
PK 6	12 mm Single Fish Tailed Bar with a diamond in the centre.	1000 mm x 33 mm	
PK 6/A	12 mm Double Fish Tailed Bar	1000 mm x 33 mm	

## FISH TAIL CIRCLES AND CURTAIN POLE RINGS



Size	Diameter	Price ( Each )
12 mm x 6 mm	100 mm	
16 mm x 6 mm	100 mm	
20 mm x 6 mm	100 mm	
12 mm x 6 mm	120 mm	
16 mm x 6 mm	120 mm	
20 mm x 6 mm	120 mm	
12 mm x 6 mm	130 mm	
16 mm x 6 mm	130 mm	
20 mm x 6 mm	130 mm	

## Curtain Pole Rings

CPRP

CPRP1

CPRG



Part No.	Inside Dia	Colour	Price ( Each )
CPRP	31 mm	Black (powder coated)	
CPRP1	34 mm	Black (powder coated)	
CPRG	34 mm	Golden (Nickel Coated)	

# HOOP TOP RAILINGS



†† Please Note: Hoops can be manufactured to any reasonable length, upto 2 mts. You will need to crop the legs yourself, to get the required size.

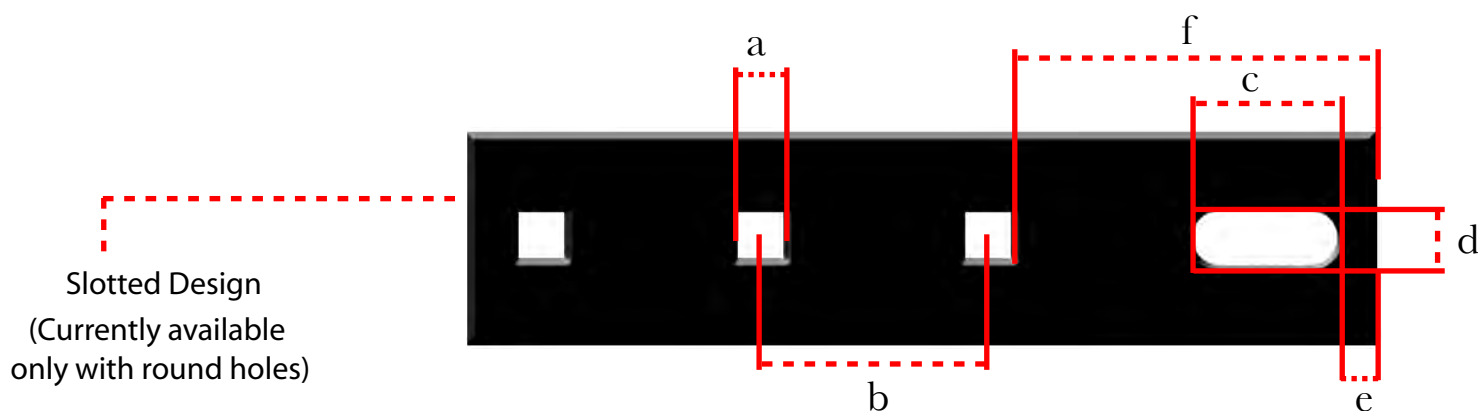
Part No.	Size		Material Thickness	Price Per Item
	Height	Gap		
12 Hoop 900	600 - 900 mm	100 mm	12 mm Dia	
12 Hoop 1500	1000 - 1500 mm	100 mm	12 mm Dia	
16 Hoop 900	600 - 900 mm	100 mm	16 mm Dia	
16 Hoop 1500	1000 - 1500 mm	100 mm	16 mm Dia	
20 Hoop 900	600 - 900 mm	100 mm	20 mm Dia	
20 Hoop 1500	1000 - 1500 mm	100 mm	20 mm Dia	

===== | Punched Flat | =====



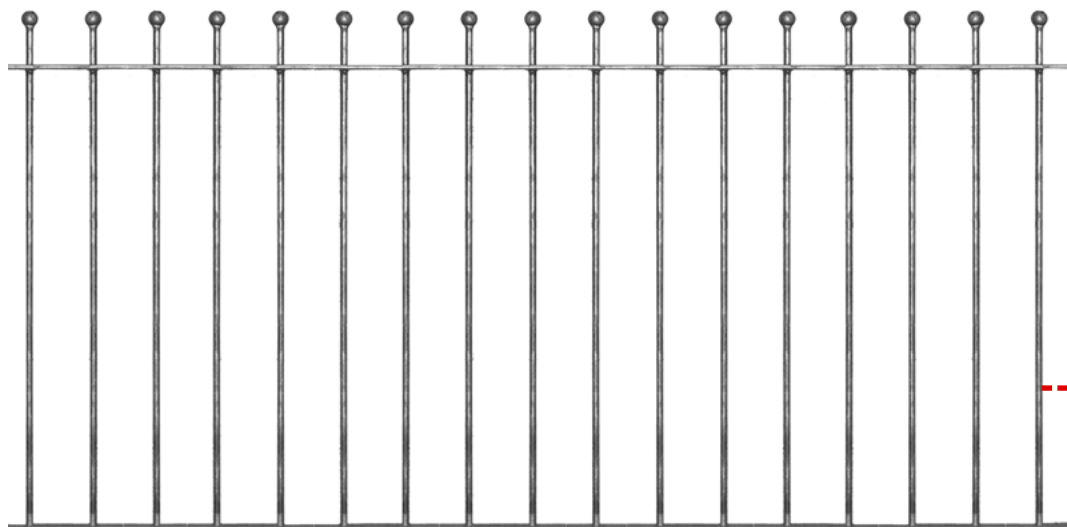
\* Drawing shows available hole shapes.

Size W x T x L	Hole Specifications				Price per Length
	No. of Holes	Hole Shape	Hole size	Centres	
30 x 10 x 2000 mm	17	○ □ ◇	14 Dia or Sq	112 mm	
40 x 10 x 2000 mm	17	○ □ ◇	18 Dia or Sq	116 mm	
50 x 10 x 2000 mm	16	○ □ ◇	22 Dia or Sq	120 mm	
40 x 10 x 2420 mm	20	○ only	18 Dia	116 mm	
50 x 10 x 2500 mm	20	○ only	22 Dia	120 mm	



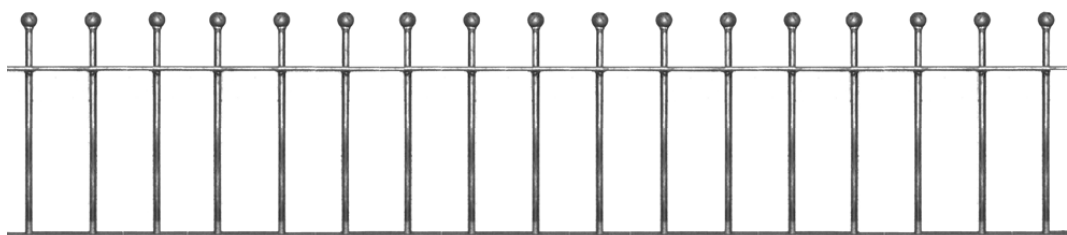
Material Size		No. of Holes	Hole Measurements [mm]					Price per length
Width x Thickness	Length		a	b	c x d	e	f	
40 mm x 8 mm	2090 mm	16 ○	18 [dia]	100	30 x 12	8	102 mm	
40 mm x 10 mm	1955 mm	16 ○	18 [dia]	116	30 x 12	10	100 mm	

# READYMADE RAILING

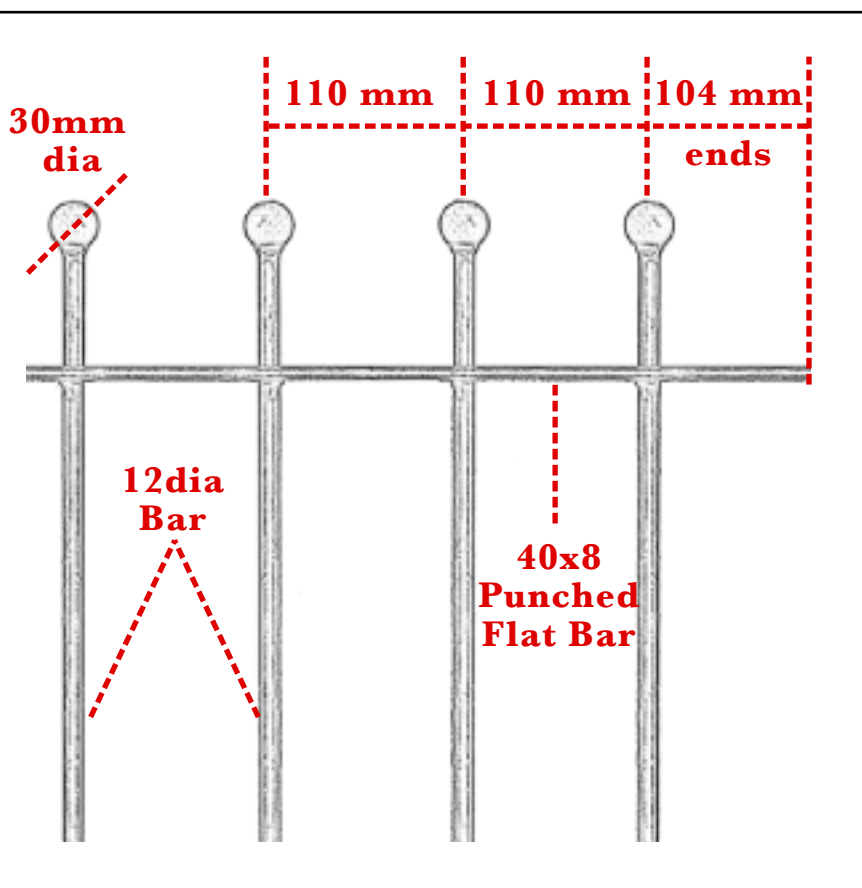


**Product Code:**  
**RAIL 1**  
**956 mm**  
**finished height**

*Single Bars  
available in the  
Decorative Bar  
Section*



**Product Code:**  
**RAIL 2**  
**450 mm**  
**finished height**



*These readymade railings are made to order and require 3-5 days to manufacture.*

*The two standard finished lengths in which they are available, are:*

- a) 956 mm, and
- b) 450 mm

*The standard length of these railings is 1968 mm.*

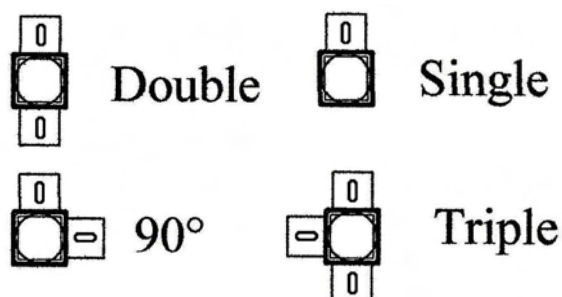
*Railings with customised lengths could be manufactured depending upon the size of the order.*

**For latest prices and custom orders, please call our sales team on 0114 244 9663**

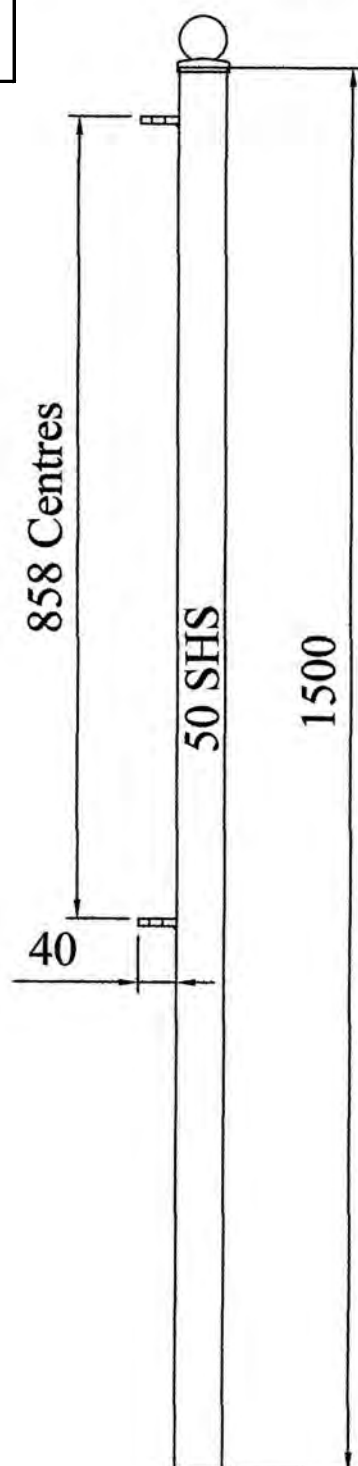
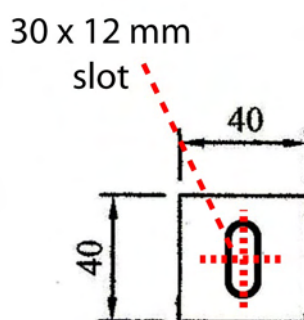
Description	Price per item	Primed with Red Oxide
50 x 50 RHS Post with 50 mm Postcap having a 50mm sphere or flat plastic cap Fixing lug = 40 x 40 mm with 30 x 12 mm slot		

**50 Ø Postcap or Plastic Cap**

## Lug Styles



## Fixing Lug



### Creating your Readymade Panel Package:

Step 1 : Select a readymade panel design from the options shown in the following pages

Step 2 : Choose to have them either in self colour or primed with red oxide.

Step 3 : Select a Post by deciding on the number/style of fixing lugs you would like it to have.

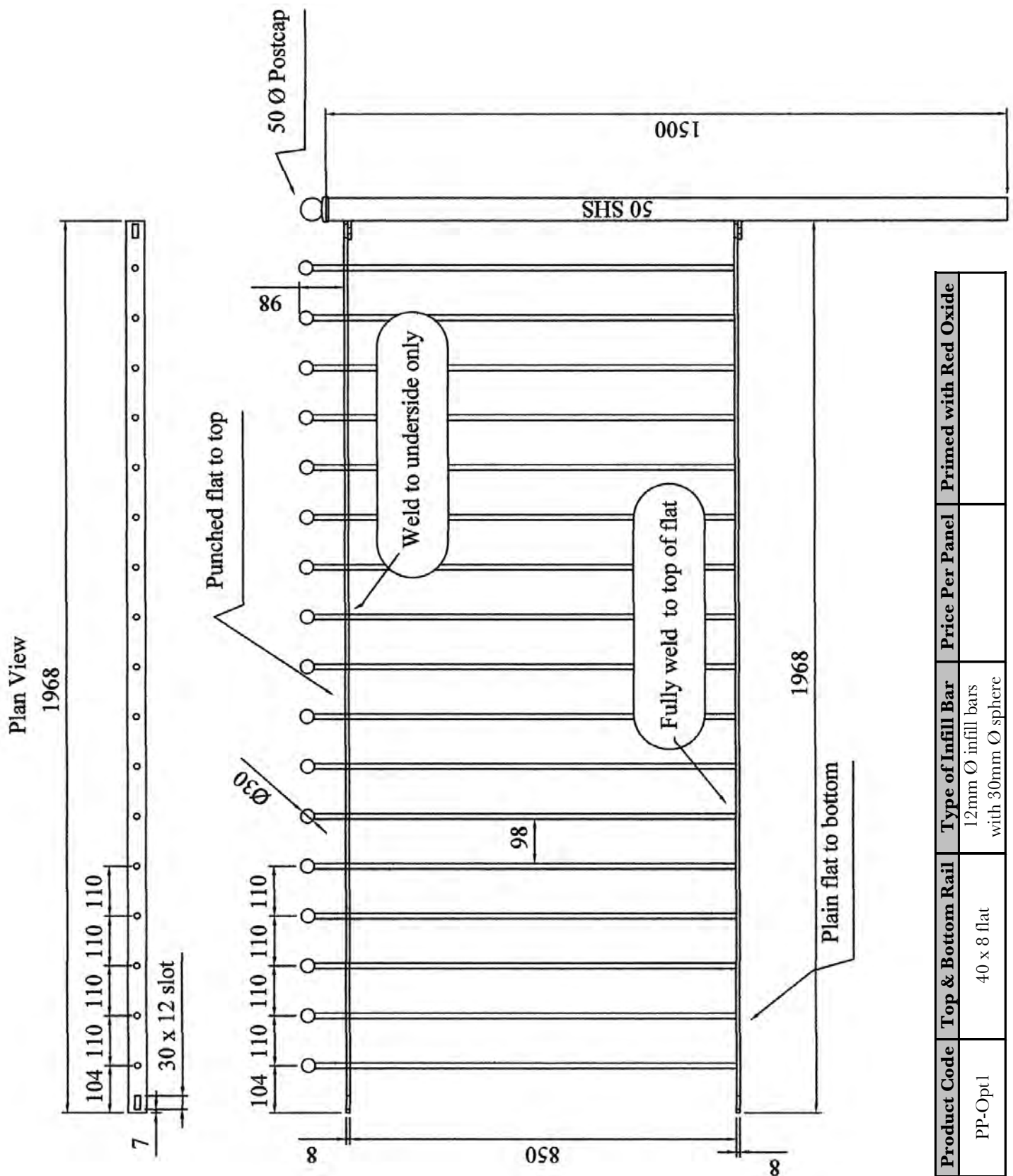
All different post options cost the same. Also, if you have chosen to have your panels primed, the posts come primed free of charge.

Step 4 : Determine the quantity of panels / posts required and based on the pricing information on the relevant pages, add up the figures for the total cost of your order.

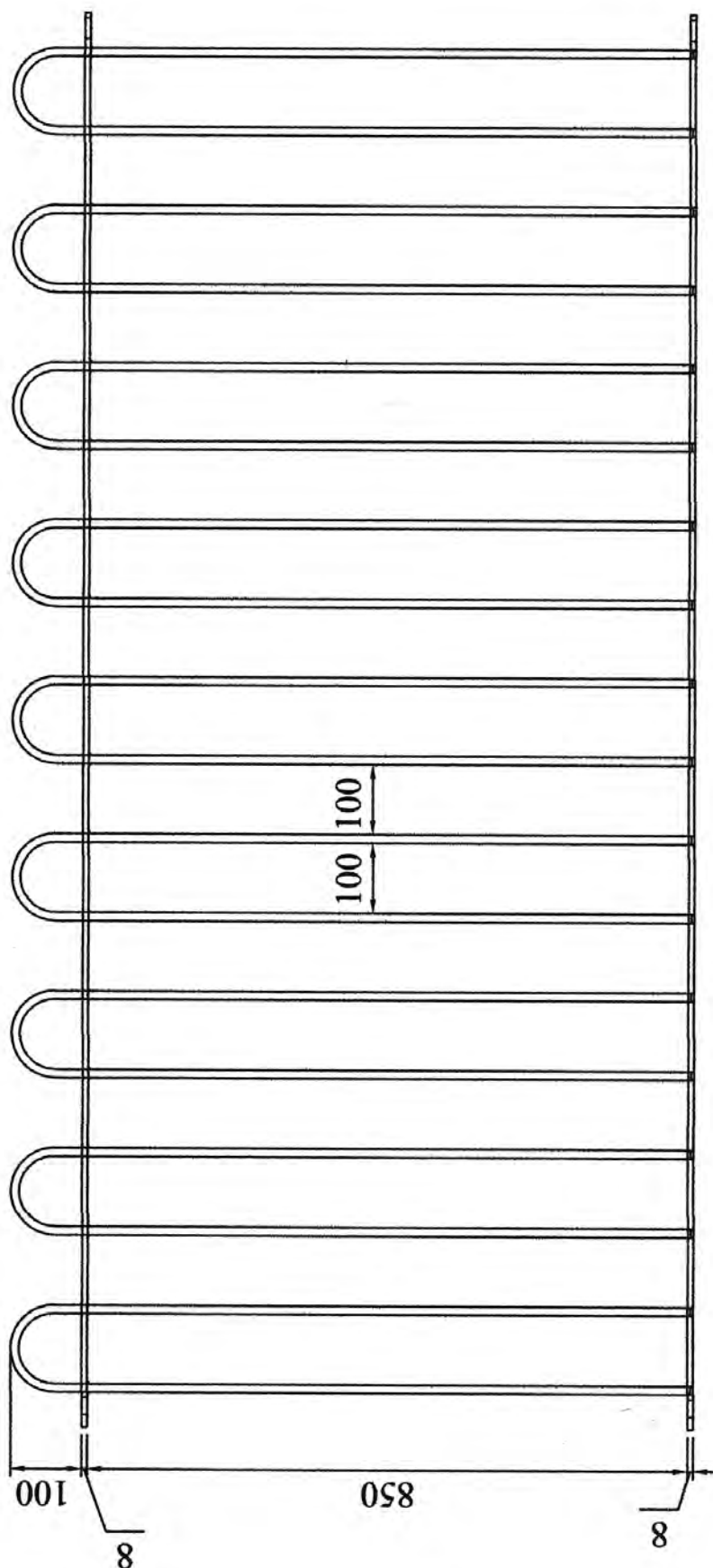
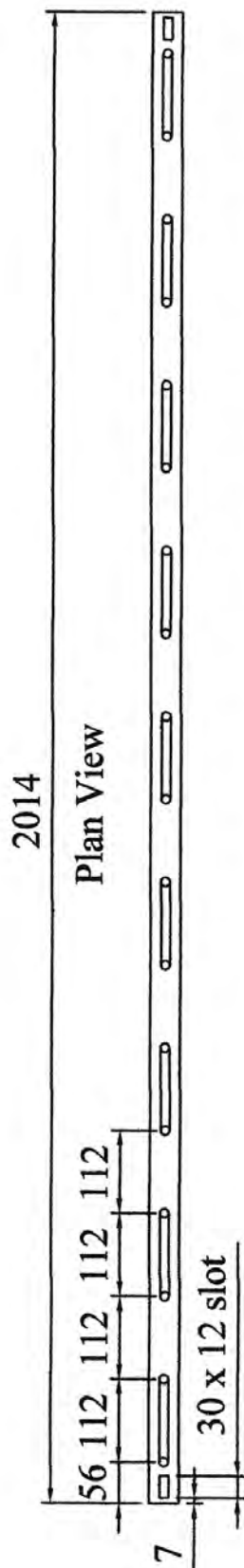
Custom heights from 400mm to 1500mm are available in these panels. To discuss your requirements in detail please contact our sales team.

Please note: These panels are not a stock item and require 5-7 days to manufacture.

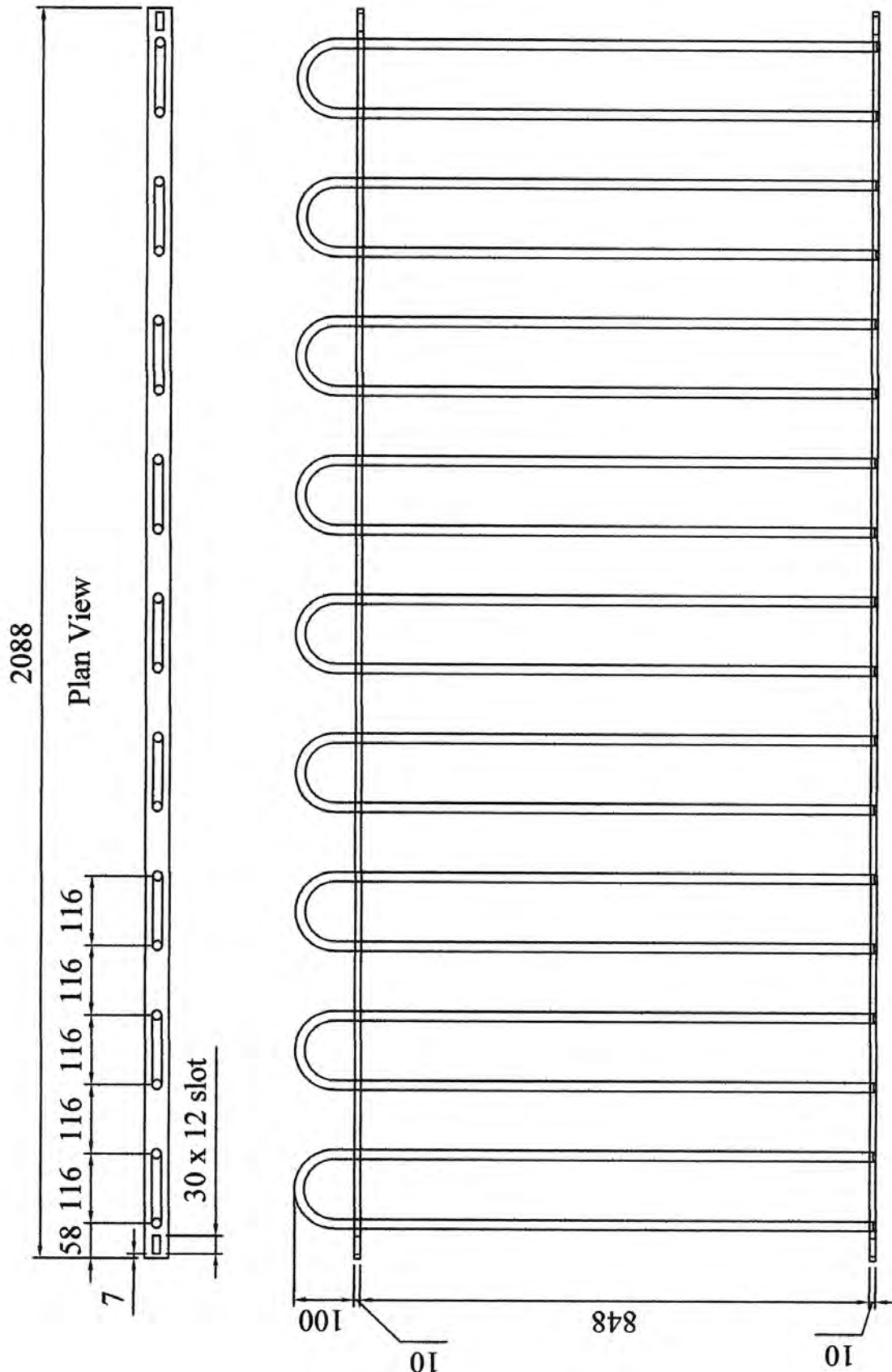




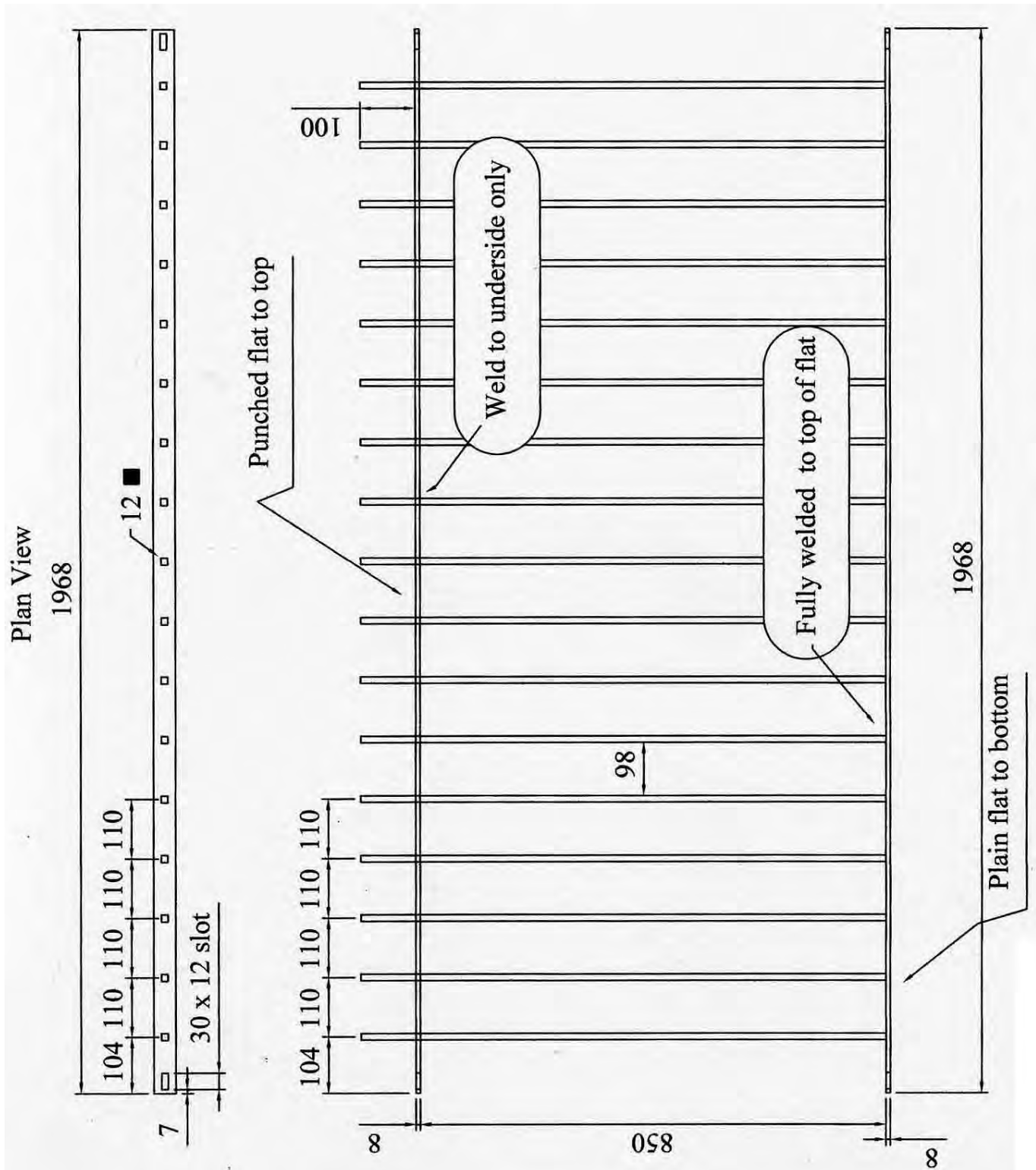
Product Code	Top & Bottom Rail	Type of Infill Bar	Price Per Panel	Primed with Red Oxide
PP-Opt1	40 x 8 flat	12mm Ø infill bars with 30mm Ø sphere		



Product Code	Top & Bottom Rail	Type of Infill Bar	Price Per Panel	Primed with Red Oxide
PP-Opt2	40 x 8 flat	12mm Ø infill hoops		

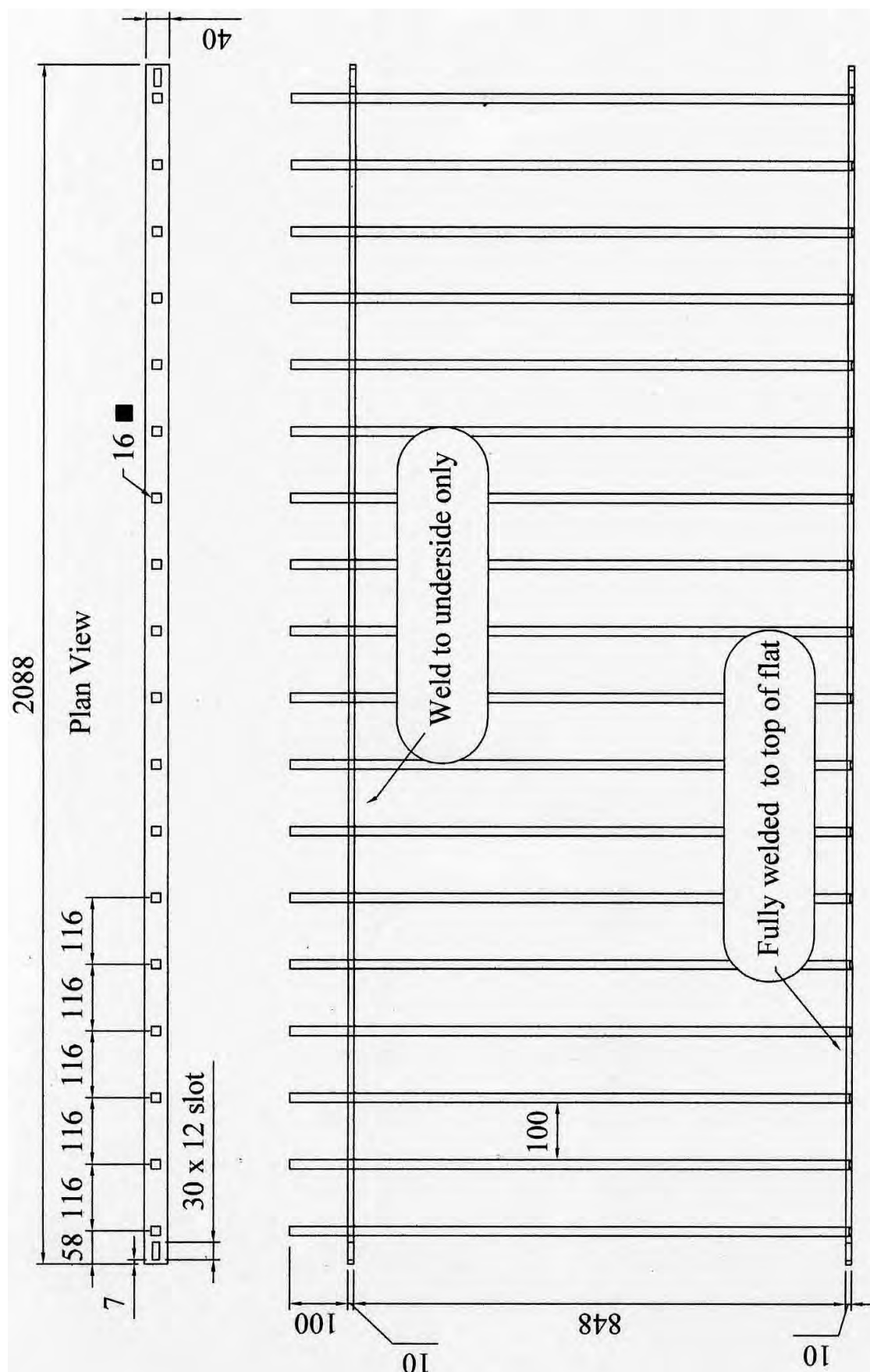


Product Code	Top & Bottom Rail	Type of Infill Bar	Price Per Panel	Primed with Red Oxide
PP-Opt3	40 x 10 flat	16mm Ø infill hoops		



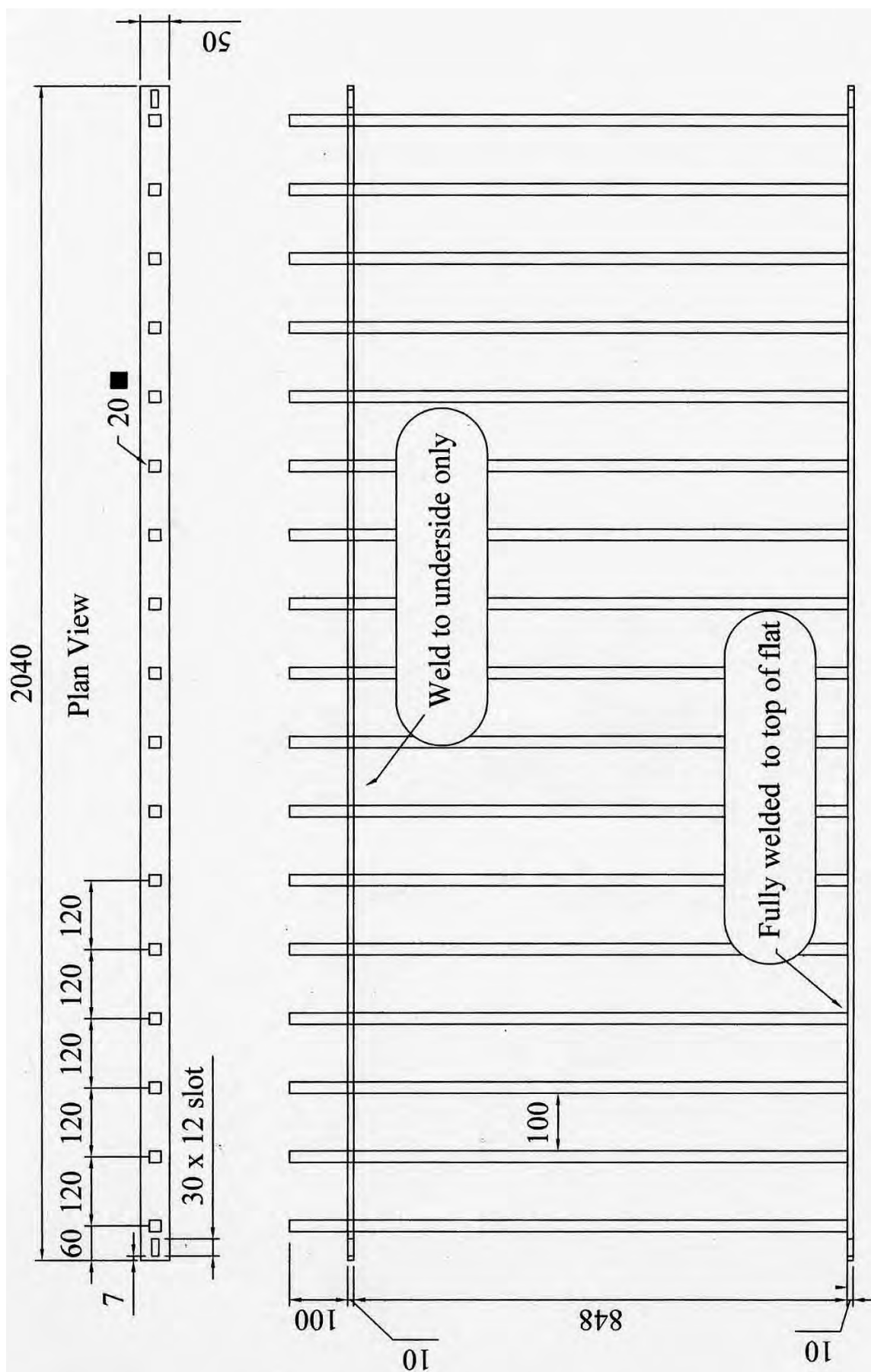
Product Code	Top & Bottom Rail	Type of Infill Bar	Price Per Panel	Primed with Red Oxide
PP-Opt4	40 x 8 flat	12mm Sq. infill bars		



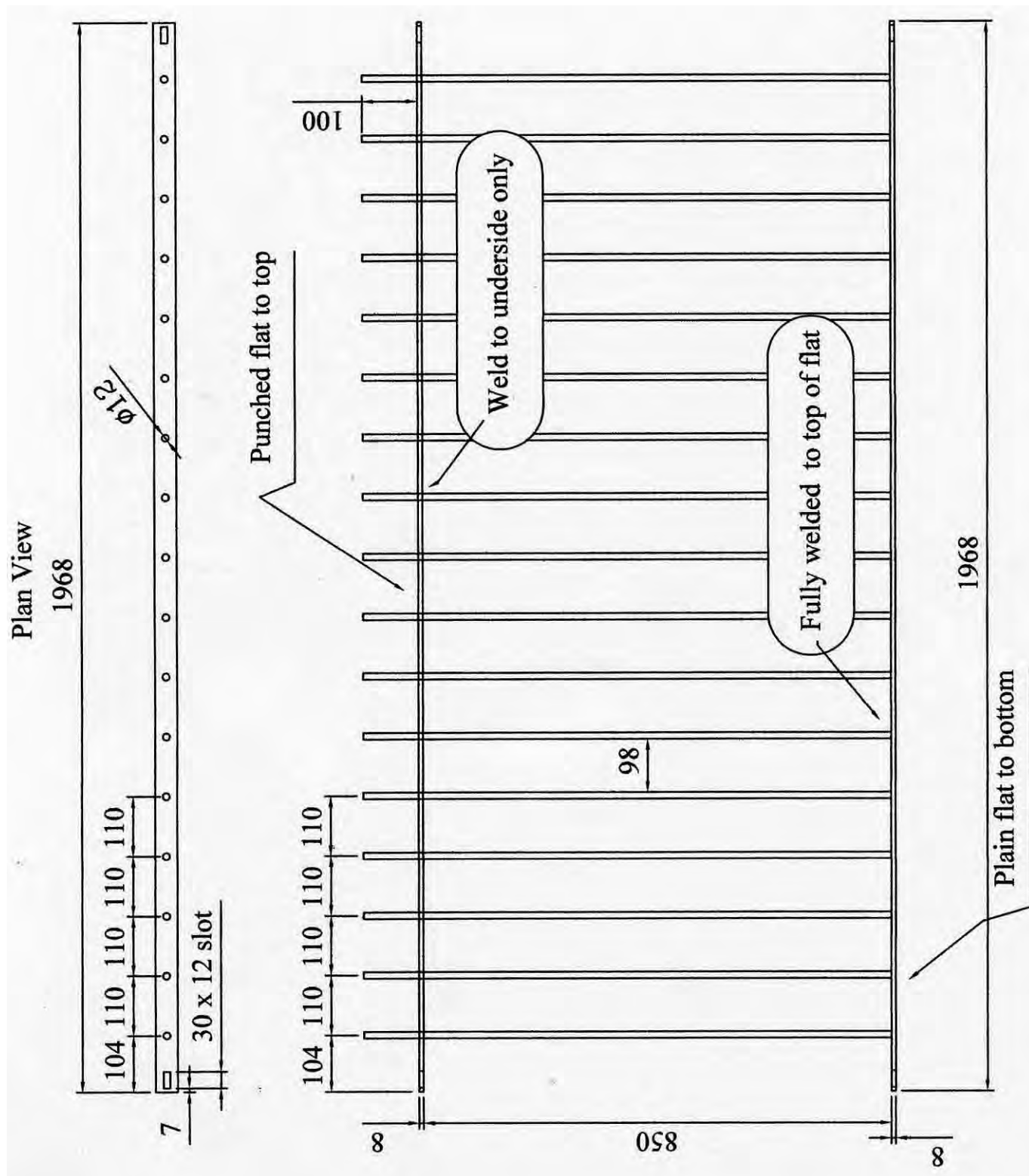


Product Code	Top & Bottom Rail	Type of Infill Bar	Price Per Panel	Primed with Red Oxide
PP-Opt5	40 x 10 flat	16mm Sq. infill bars		



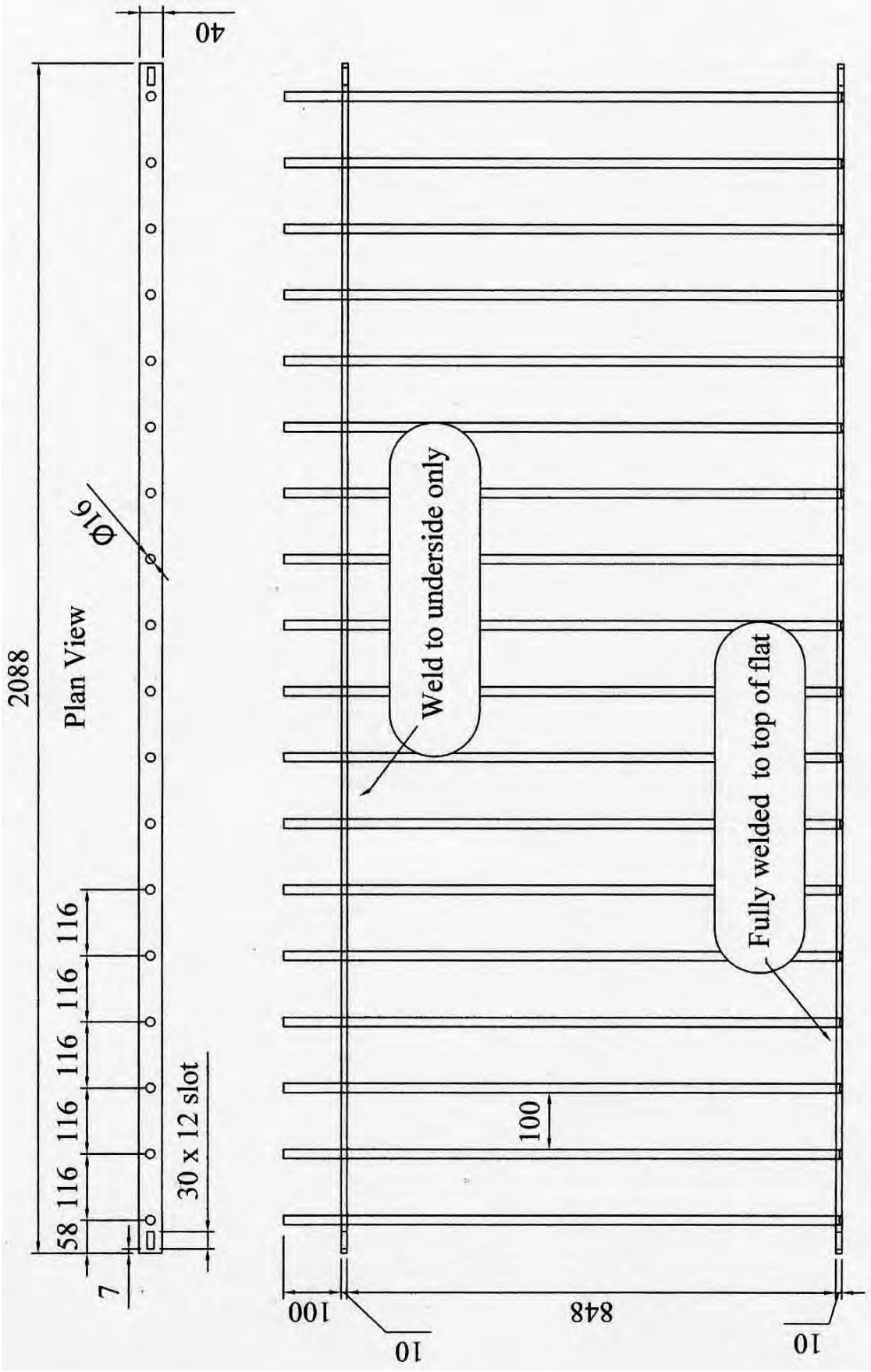


Product Code	Top & Bottom Rail	Type of Infill Bar	Price Per Panel	Primed with Red Oxide
PP-Opt6	50 x 10 flat	20mm Sq. infill bars		



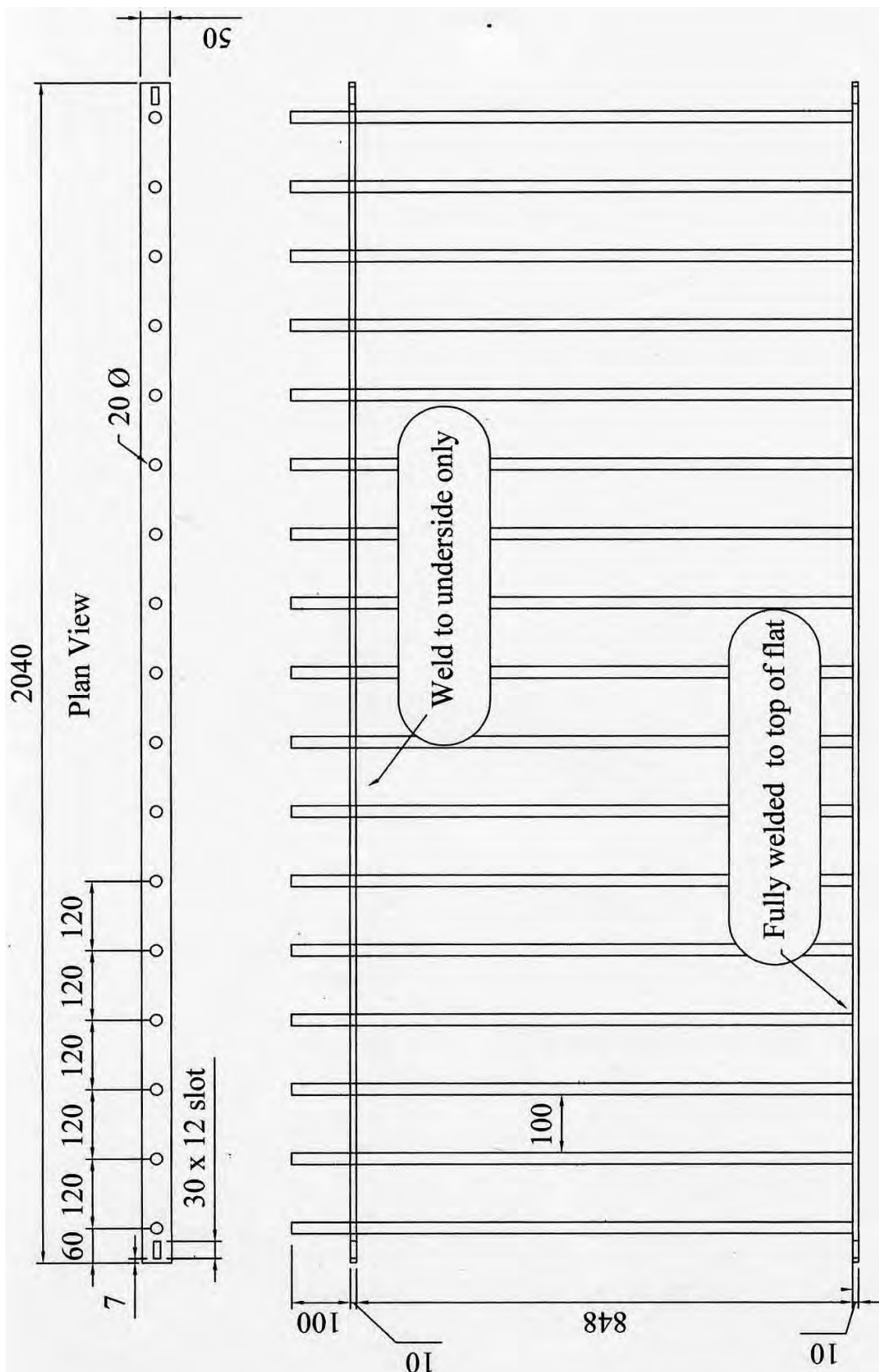
Product Code	Top & Bottom Rail	Type of Infill Bar	Price Per Panel	Primed with Red Oxide
PP-Opt7	40 x 8 flat	12mm Ø infill bars		

# PANEL OPTION 8

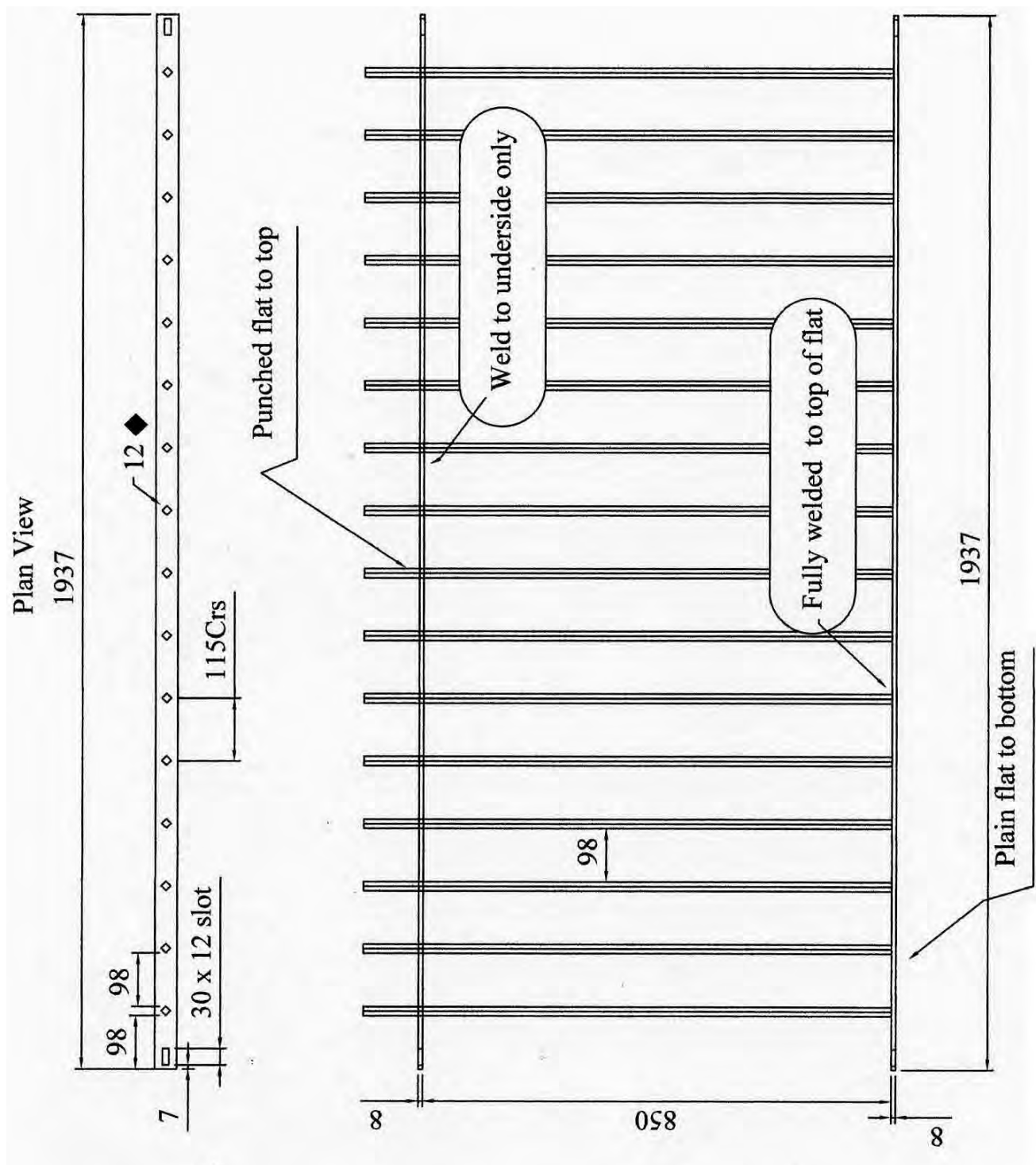


Product Code	Top & Bottom Rail	Type of Infill Bar	Price Per Panel	Primed with Red Oxide
PP-Opt8	40 x 10 flat	16mm Ø infill bars		



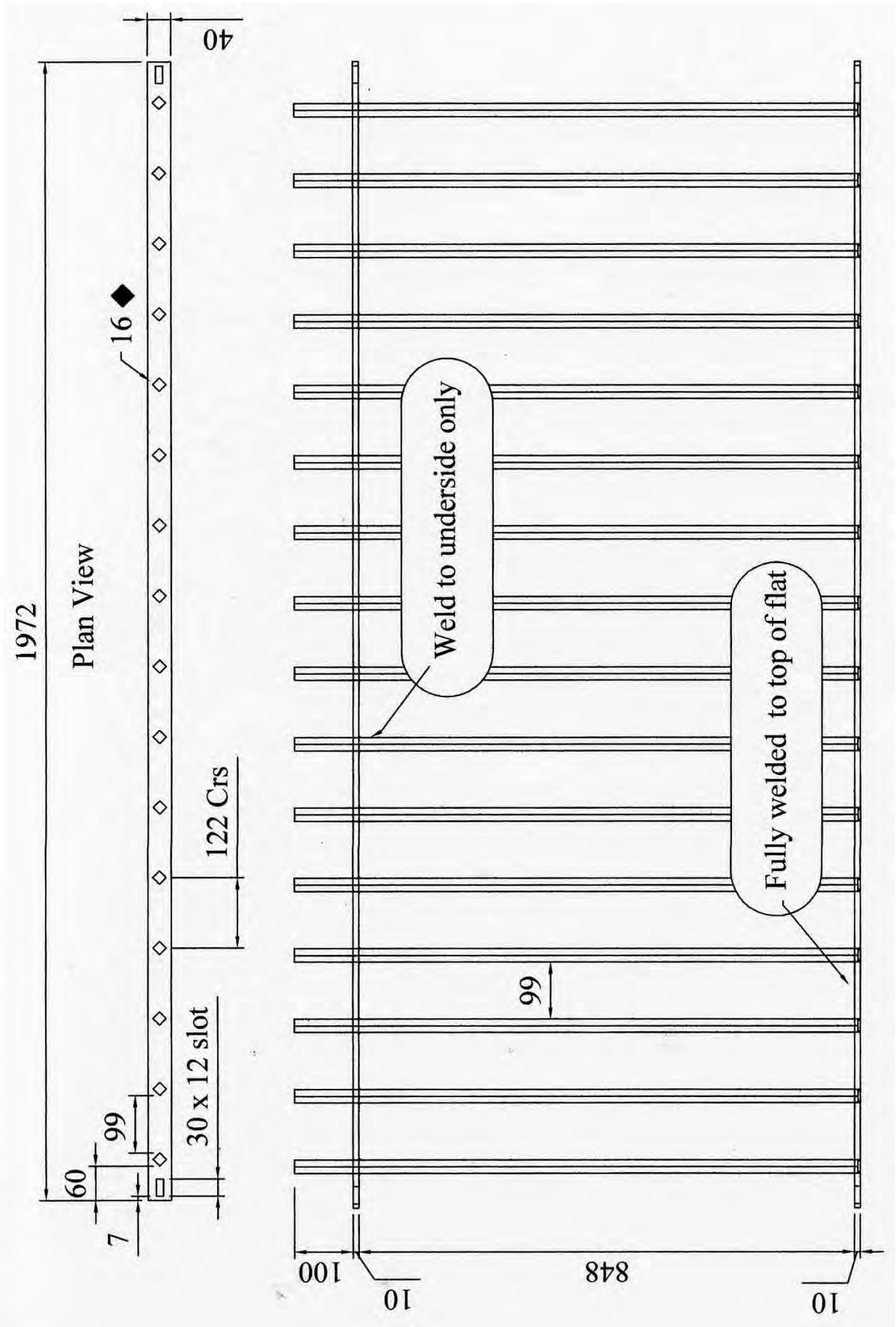


Product Code	Top & Bottom Rail	Type of Infill Bar	Price Per Panel	Primed with Red Oxide
PP-Opt9	50 x 10 flat	20mm Ø infill bars		

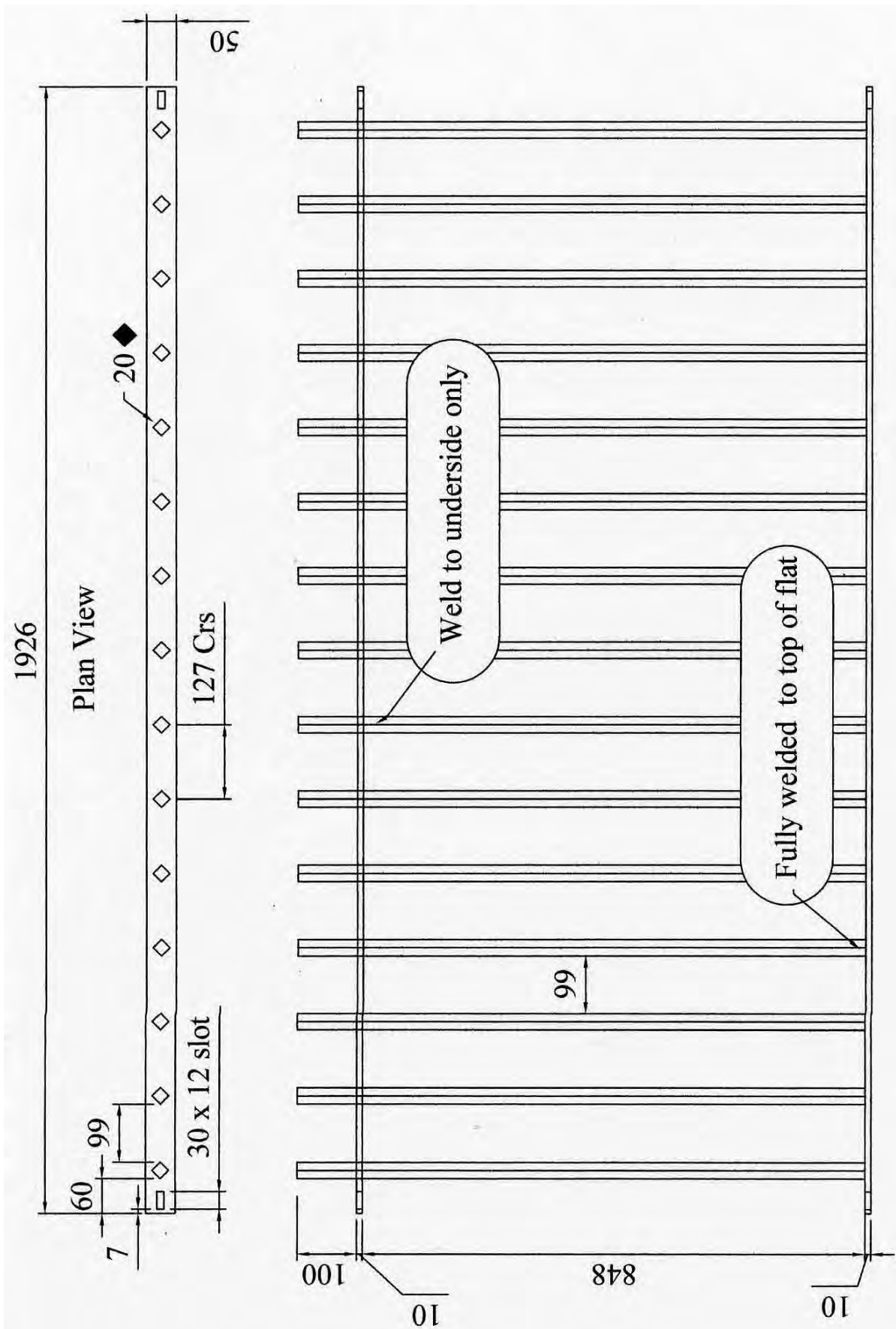


Product Code	Top & Bottom Rail	Type of Infill Bar	Price Per Panel	Primed with Red Oxide
pp-Opt10	40 x 8 flat	12mm infill bars set in diamond pattern		





Product Code	Top & Bottom Rail	Type of Infill Bar	Price Per Panel	Primed with Red Oxide
PP-Opt11	40 x 10 flat	16mm Sq. infill bars set in diamond pattern		



Product Code	Top & Bottom Rail	Type of Infill Bar	Price Per Panel	Primed with Red Oxide
PP-Opt12	50 x 10 flat	20mm Sq. infill bars set in diamond pattern		

# FISH TAILED C SCROLLS



Plain



Grooved



Edge Hammered

Size	Plain				
	12 x 6 mm	16 x 6 mm	16 x 8 mm	20 x 6 mm	20 x 8 mm
110 x 70 mm					
120 x 70 mm					
125 x 80 mm					
130 x 80 mm					
135 x 80 mm					
140 x 85 mm					
145 x 85 mm					
150 x 85 mm					
160 x 95 mm					
Grooved					
110 x 70 mm					
120 x 70 mm					
125 x 80 mm					
130 x 80 mm					
135 x 80 mm					
140 x 85 mm					
145 x 85 mm					
150 x 85 mm					
Edge Hammered Grooved					
130 x 80 mm	-	-		-	
135 x 80 mm	-	-		-	
140 x 85 mm	-	-		-	
145 x 85 mm	-	-		-	
150 x 85 mm	-	-		-	

## FISH TAILED S SCROLLS



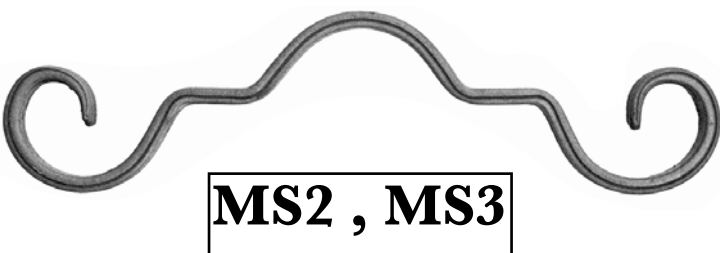
SCROLLS ARE MADE TO ORDER. PLEASE ALLOW 2 - 3 WORKING DAYS FOR PRODUCTION. SCROLLS CAN BE MADE TO ANY REASONABLE SIZE, WITH A MINIMUM CHARGE OF £5.00 DEPENDING ON THE QUANTITY REQUIRED.

Plain					
Size of S Scrolls (L x W1 x W2)	12 x 6 mm	16 x 6 mm	16 x 8 mm	20 x 6 mm	20 x 8 mm
250 mm x 75 mm x 75 mm					
250 mm x 75 mm x 50 mm					
300 mm x 100 mm x 100 mm					
300 mm x 100 mm x 60 mm					
320 mm x 110 mm x 110 mm					
320 mm x 110 mm x 70 mm					
330 mm x 115 mm x 115 mm					
330 mm x 115 mm x 75 mm					
340 mm x 120 mm x 120 mm					
340 mm x 120 mm x 75 mm					
350 mm x 125 mm x 125 mm					
350 mm x 125 mm x 75 mm					
360 mm x 130 mm x 130 mm					
360 mm x 130 mm x 75 mm					
380 mm x 140 mm x 140 mm					
380 mm x 140 mm x 75 mm					
400 mm x 150 mm x 150 mm					
400 mm x 150 mm x 80 mm					
420 mm x 160 mm x 160 mm					
420 mm x 160 mm x 85 mm					

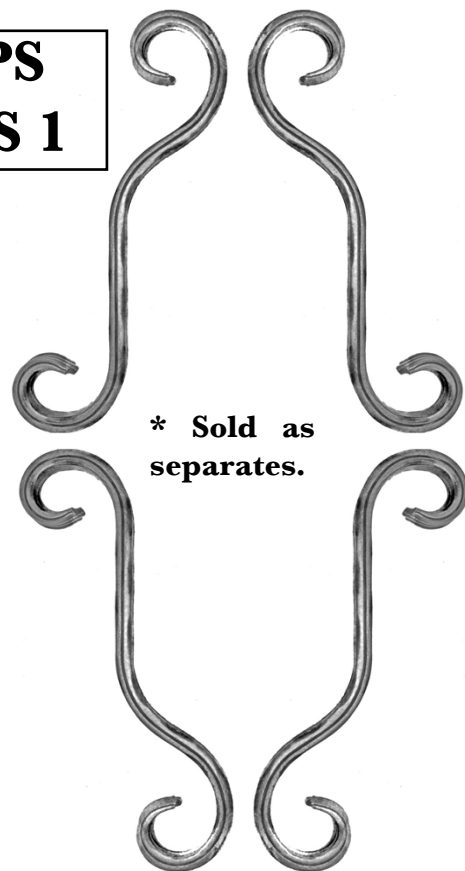
Grooved					
	12 x 6 mm	16 x 6 mm	16 x 8 mm	20 x 6 mm	20 x 8 mm
250 mm x 75 mm x 75 mm					
250 mm x 75 mm x 50 mm					
300 mm x 100 mm x 100 mm					
300 mm x 100 mm x 60 mm					
320 mm x 110 mm x 110 mm					
320 mm x 110 mm x 70 mm					
330 mm x 115 mm x 115 mm					
330 mm x 115 mm x 75 mm					
340 mm x 120 mm x 120 mm					
340 mm x 120 mm x 75 mm					
350 mm x 125 mm x 125 mm					
350 mm x 125 mm x 75 mm					
360 mm x 130 mm x 130 mm					
360 mm x 130 mm x 75 mm					
380 mm x 140 mm x 140 mm					
380 mm x 140 mm x 75 mm					
400 mm x 150 mm x 150 mm					
400 mm x 150 mm x 80 mm					
420 mm x 160 mm x 160 mm					
420 mm x 160 mm x 85 mm					
Edge Hammered Grooved					
250 mm x 75 mm x 75 mm					
250 mm x 75 mm x 50 mm					
300 mm x 100 mm x 100 mm					
300 mm x 100 mm x 60 mm					
320 mm x 110 mm x 110 mm	N	N		N	
320 mm x 110 mm x 70 mm	O	O		O	
330 mm x 115 mm x 115 mm	T	T		T	
330 mm x 115 mm x 75 mm					
340 mm x 120 mm x 120 mm	A	A		A	
340 mm x 120 mm x 75 mm	V	V		V	
350 mm x 125 mm x 125 mm	A	A		A	
350 mm x 125 mm x 75 mm	I	I		I	
360 mm x 130 mm x 130 mm	L	L		L	
360 mm x 130 mm x 75 mm	A	A		A	
380 mm x 140 mm x 140 mm	B	B		B	
380 mm x 140 mm x 75 mm	L	L		L	
400 mm x 150 mm x 150 mm	E	E		E	
400 mm x 150 mm x 80 mm					
420 mm x 160 mm x 160 mm					
420 mm x 160 mm x 85 mm					



# M Scrolls, W Scrolls, Single Sided Scrolls and Twisted S Scrolls



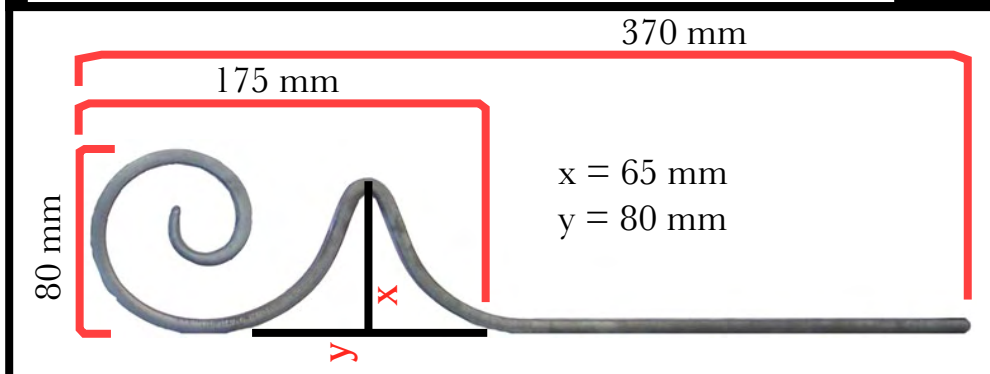
**BPS  
BPS 1**



Part No.	Description	Size		Price
		Material	L x H	
MS	Grooved M Scroll	12x6 mm	280mm x 80mm	
MS 1	Grooved M Scroll	16x6 mm	280mm x 80mm	
MS 2	Grooved M Scroll Well Defined	12x6 mm	280mm x 70mm	
MS 3	Grooved M Scroll Well Defined	16x6 mm	280mm x 70mm	
MS 4	Straight ended M Scroll - EH Grooved	16x8 mm	330mm x 60mm	
MS 5	Straight ended M Scroll - EH Grooved	20x8 mm	330mm x 60mm	
* BPS	Edge Hammered Grooved Bell Panel Scroll	16x8 mm	315mm x 95mm	
* BPS 1	Edge Hammered Grooved Bell Panel Scroll	20x8 mm	280mm x 100mm	
SSS	Single Sided Scroll	=== As shown below === As shown below ===		

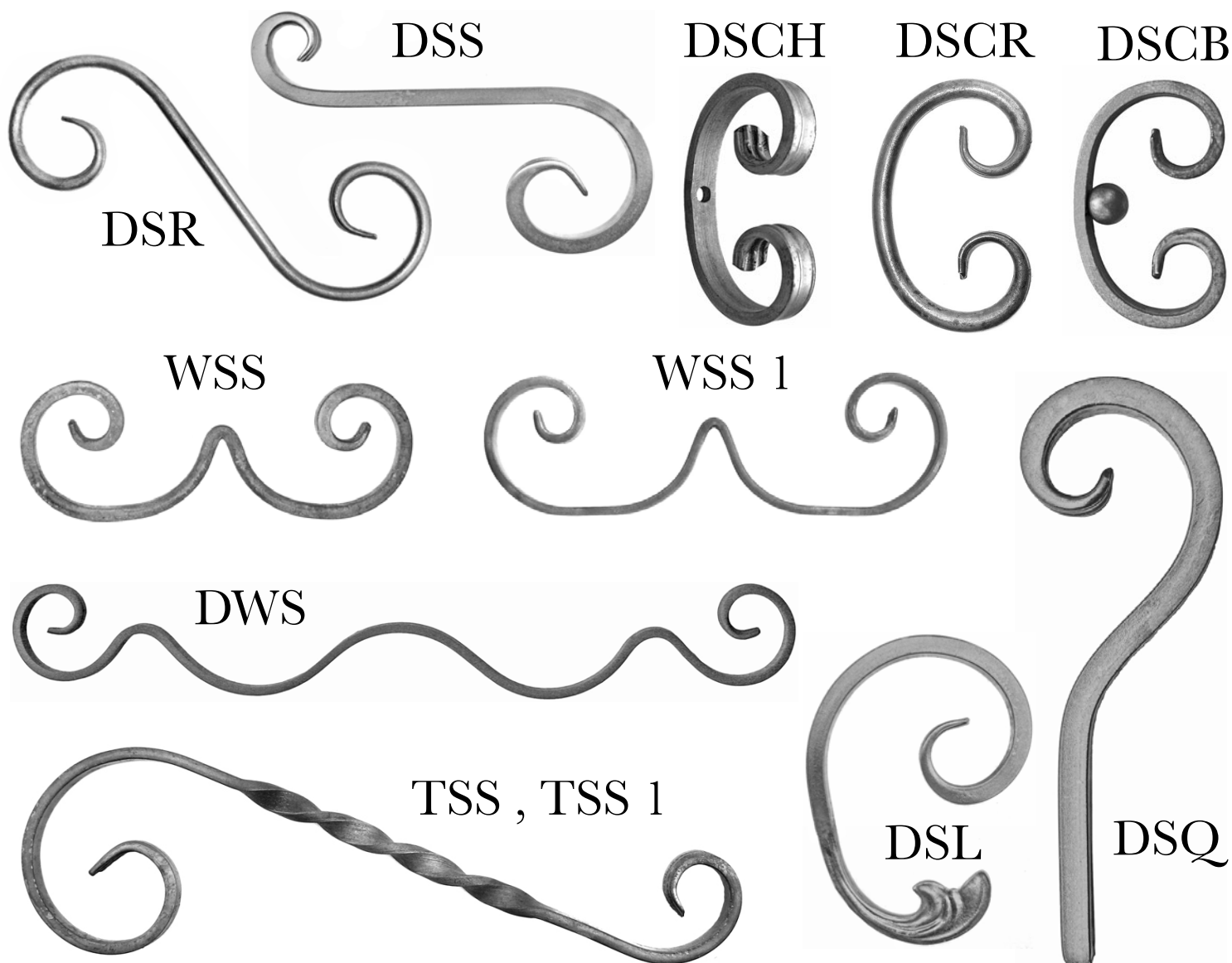
## Special Single Sided Scrolls:

## Prices



12 x 6 mm @ £  
16 x 6 mm @ £  
20 x 6 mm @ £  
10 mm Sq. @ £  
12 mm Sq. @ £

# CUSTOM SCROLL DESIGNS



Part No.	Description	Size		Price		
		Material	L x H	Plain	EH	Grooved
TSS	Twisted S Scroll	13x6 mm	(360 x 90 x 70) mm		n/a	n/a
TSS 1	Twisted S Scroll	16x6 mm	(360 x 90 x 70) mm		n/a	n/a
TSS 2	Twisted S Scroll - 200 mm twist	16x6 mm	(600 x 150 x 100) mm		n/a	n/a
WSS	W Scroll Flat	12x6 mm	315mm x 95mm			
WSS 1	W Scroll Square	12 mm Sq.	280mm x 100mm			
DSW	Designer Scrolled Wave	12x6 mm	460mm x 60mm			
DSW1	Designer Scrolled Wave	16x6 mm	460mm x 60mm			
DSCH	Designer C Scroll with Hole	16x6 mm	135mm x 80mm			
DSCB	Designer C Scroll with Steel Ball	12x6 mm	135mm x 80mm			
		Size			10 mm	12 mm
DSCR	Designer C Scroll in round bar	135 mm x 80 mm				
DSS	Designer S Scroll in square bar	285 mm x 115 mm x 60 mm				
DSQ	Designer Question Mark Scroll	230 mm x 80 mm				n/a
DSL	Designer Scroll with Leaf	180 mm x 130 mm				
DSR	Designer S Scroll in round bar	285 mm x 115 mm x 60 mm				

## Tilt Adjuster

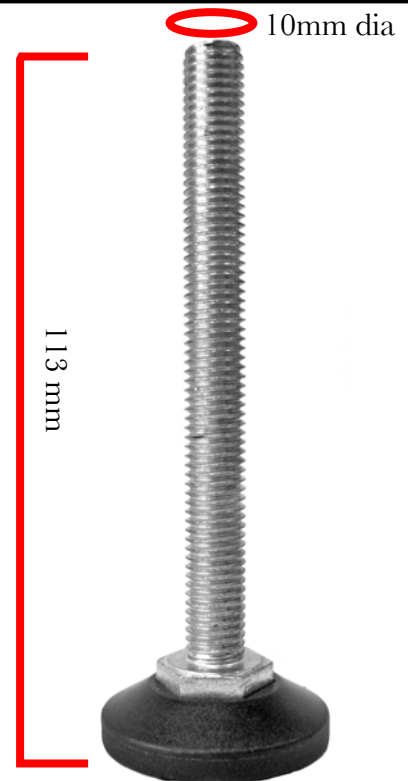
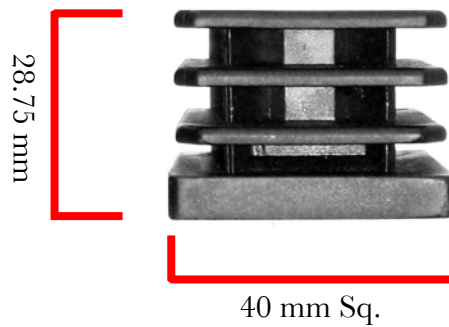


To fit 10mm dia

Tilt adjuster to fit 40mm Box Section  
with 1mm-2mm wall thickness.

Product Code: PI40FEET

Price: £



## Rectangular Inserts



Part No.	Size	Price Per Item
PI3819	1 1/2 x 3/4" 14-20 G	
PI5025	50 mm x 25 mm	
PI6030	[60 x 30 mm] x [1.5mm - 3mm Wall]	
PI6040	60 mm x 40 mm	
PI8040	[80 x 40 mm] x [2.5mm - 4mm Wall]	
PI0050	100 mm x 50 mm	

# PLASTIC INSERTS

## Round Inserts



Part No.	Size	Price Per Item
PI16 Dia	5/8" Dia [14-20 gauge]	
PI19 Dia	3/4" Dia [14-20 gauge]	
PI22 Dia	7/8" Dia [14-20 gauge]	
PI25 Dia	1" Dia [10-14 gauge]	
PI30 Dia	1 1/8" Dia [14-20 gauge]	
PI33 Dia	33.7 mm Dia x 2.6mm - 4mm Wall	
PI34 Dia	1 1/4" Dia [14-20 gauge]	
PI38 Dia	1 1/2" Dia [14-20 gauge]	
PI42 Dia	42.4 mm Dia x 2.6mm - 4mm Wall	
PI48 Dia	48.3 mm Dia x 3.2mm - 5mm Wall	
PI50 Dia	50 mm Dia	
PI60 Dia	60 mm Dia	
PI63 Dia	63 mm Dia	

## Square Inserts



Part No.	Size	Price Per Item
PI16	5/8" Sq. 14-20 G	
PI19	3/4" Sq. 16-20 G	
PI20	20 mm x 20 mm	
PI22	7/8" sq. 14-20 G	
PI25	25 mm x 25 mm	
PI30	30 mm x 30 mm	
PI40	40 mm x 40 mm	
PI50	50 mm x 50 mm	
PI60	60 mm x 60 mm	
PI70	[70 mm Sq.] x [2.5mm - 5 mm wall]	
PI80	80 mm x 80 mm	
PI100	100 mm x 100 mm	
PI120	120 mm x 120 mm	
PI150	150 mm x 150 mm	



# EDGE HAMMERED BOX and CORNER BLOCKS



Part No.	Size			Price
	Dimension	Wall	Length	
20 EHB3	20 mm x 20 mm RHS	2.0 mm	3.0 metres	
20 EHB6	20 mm x 20 mm RHS	2.0 mm	6.0 metres	
25 EHB3	25 mm x 25 mm RHS	2.5 mm	3.0 metres	
25 EHB6	25 mm x 25 mm RHS	2.5 mm	6.0 metres	
30 EHB3	30 mm x 30 mm RHS	2.5 mm	3.0 metres	
30 EHB6	30 mm x 30 mm RHS	2.5 mm	6.0 metres	
40 EHB3	40 mm x 40 mm RHS	3.0 mm	3.0 metres	
40 EHB6	40 mm x 40 mm RHS	3.0 mm	6.0 metres	
50 EHB3	50 mm x 50 mm RHS	3.0 mm	3.8 metres	
5025 EHB3	50 mm x 25 mm RHS	3.0 mm	3.8 metres	
80 EHB3	80 mm x 80 mm RHS	3.0 mm	3.0 metres	
100 EHB3	100 mm x 100 mm RHS	3.0 mm	3.0 metres	

## Corner Blocks

**50 CB**



**40 CB**



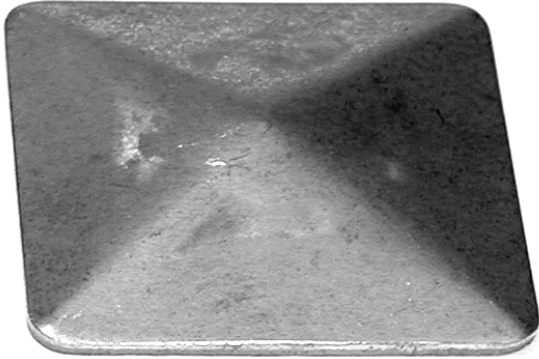
**30 CB**



Part No.	Size	Price
30 CB	30 mm	
40 CB	40 mm	
50 CB	50 mm	

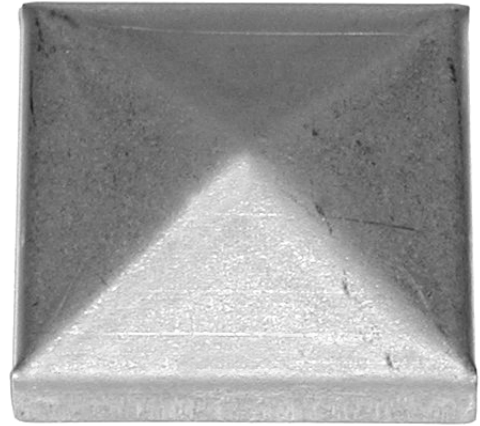


## WELDABLE RHS CAPS



**Regular Design**

Part No.	Size	Price
438	40 mm Sq.	
439	50 mm Sq.	
138	60 mm Sq.	
139	80 mm Sq.	
140	100 mm Sq.	
141	120 mm Sq.	
142	150 mm Sq.	

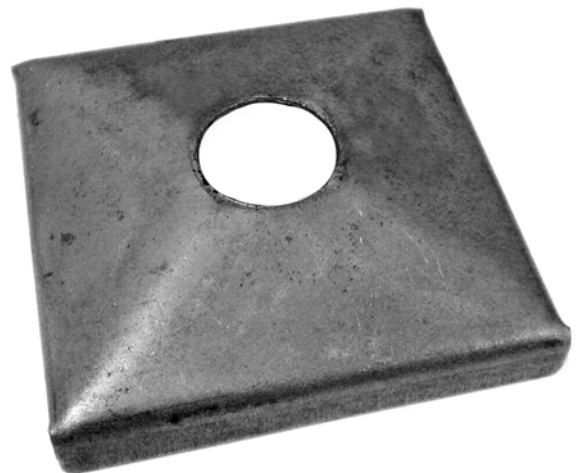


**Design with Flange**

Part No.	Size	Price
185	30 mm Sq.	
186	40 mm Sq.	
187	50 mm Sq.	
188	60 mm Sq.	
189	80 mm Sq.	
190	100 mm Sq.	
191	120 mm Sq.	
192	150 mm Sq.	



\* Larger sizes available upon request.  
Kindly contact us for a quote.



\*

Part No.	Product Description	Price
186-b	40 mm Sq. cap with 40 mm Ball	
187-b	50 mm Sq. cap with 50 mm Ball	
188-b	60 mm Sq. cap with 60 mm Ball	

\*

Part No.	Size	Price
186-c	40 mm Sq. cap with hole	
187-c	50 mm Sq. cap with hole	

## FORGED FRAME ENDS & SLAM PLATES



Plain



Edge Hammered



Flower



Wavy

Section	Plain	Edge Hammered	Flower	Wavy
50 x 10 mm			N/A	N/A
40 x 10 mm				
40 x 8 mm				
40 x 6 mm				
30 x 10 mm			N/A	
30 x 8 mm			N/A	
30 x 6 mm			N/A	
25 x 10 mm			N/A	
25 x 8 mm			N/A	
25 x 6 mm			N/A	
20 x 10 mm			N/A	
20 x 8 mm			N/A	
20 x 6 mm			N/A	

**Forged Frame Ends can be made to any particular length.  
Standard Length is 250 mm.**

## FORGED SLAM PLATES

Section	Plain	Edge Hammered	Flower	Wavy
40 x 10 mm				
40 x 8 mm				
40 x 6 mm				

**Forged Slam Plates can be made to any particular length.  
Standard Length is 2.8 Metres.**

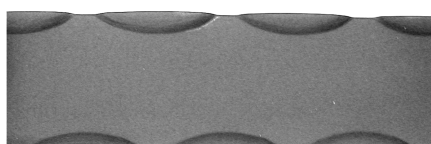
===== | Frame Ends in Sq. Bar | =====



Size		Price		
Material	Length	Plain	Edge Hammered	Wavy
12 mm Sq.	300 mm			
16 mm Sq.	300 mm			
20 mm Sq.	300 mm			
25 mm Sq.	300 mm			

===== | Forged Frame End, Shepherd's Crook | =====

\* Also available in Edge Hammered Design



Part No.	Size	Length	Price
2510 SC	25 mm x 10 mm Plain	250 mm	
3010 SC	30 mm x 10 mm Plain	250 mm	
4010 SC	40 mm x 10 mm Plain	250 mm	
2510 SCE	25 mm x 10 mm Hammered	250 mm	
3010 SCE	30 mm x 10 mm Hammered	250 mm	
4010 SCE	40 mm x 10 mm Hammered	250 mm	

# DISKS & HANDRAIL BRACKETS

Disk with Hole

Disk 1



2mm Thick Disks

Disks 2 , 3, 4



5mm Thick Disks

Disks 5, 6, 7, 8, 9, 10



Candle Dishes

CD1 and CD2



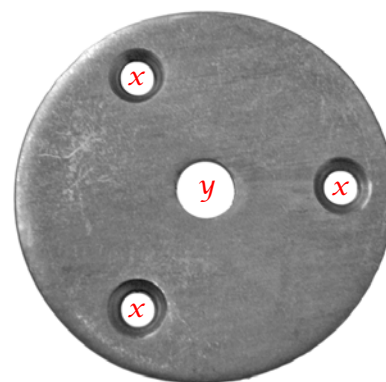
Part No.	Dimensions	Price
Disk 1	35 mm Dia x 2 mm Thickness x 10 mm Hole	
Disk 2	35 mm Dia, 2 mm Thickness	
Disk 3	75 mm Dia, 2 mm Thickness	
Disk 4	100 mm Dia, 2 mm Thickness	
Candle Dish - CD1	68 mm Dia x 18 mm Depth x 2 mm Thickness	
Candle Dish - CD2	92 mm Dia x 22 mm Depth x 2 mm Thickness	
Disk 5	50 mm Dia, 5 mm Thickness	
Disk 6	75 mm Dia, 5 mm Thickness	
Disk 7	80 mm Dia, 5 mm Thickness	
Disk 8	85 mm Dia, 5 mm Thickness	
Disk 9	100 mm Dia, 5 mm Thickness	
Disk 10	125 mm Dia, 5 mm Thickness	

## Hand Rail Brackets



HRB

*x = 7 mm dia*  
*y = 12 mm dia*

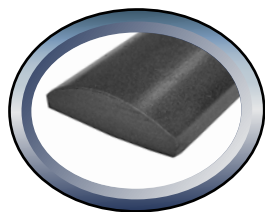


HRB1

Part No.	Size	Price (Each)
HRB	77 x 4 mm	

Part No.	Size	Price (Each)
HRB1	77.5 x 5 mm	

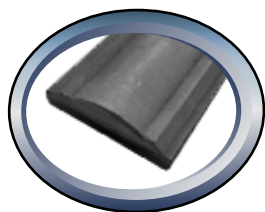
# HANDRAILS, ENDS, RETURNS AND SWEEPS.



Crafted using  
convex bars.



Part No.	Description	Size	Length	Price
3210 CFE	Convex Handrail Frame End	32 x 10 mm	200 mm	
4010 CFE	Convex Handrail Frame End	40 x 10 mm	200 mm	
5212 CFE	Convex Handrail Frame End	52 x 12 mm	200 mm	
3210 CHR	One-piece Convex Handrail with scrolled end	32 x 10 mm	2.8 metres	
4010 CHR	One-piece Convex Handrail with scrolled end	40 x 10 mm	2.8 metres	
5212 CHR	One-piece Convex Handrail with scrolled end	52 x 12 mm	2.8 metres	
3210 Convex Bar	Convex Flat Bar	32 x 10 mm	3.0 metres	
4010 Convex Bar	Convex Flat Bar	40 x 10 mm	3.0 metres	
5212 Convex Bar	Convex Flat Bar	52 x 12 mm	3.0 metres	



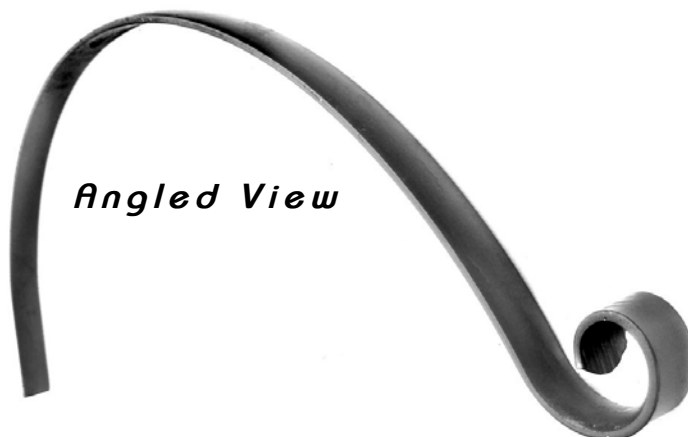
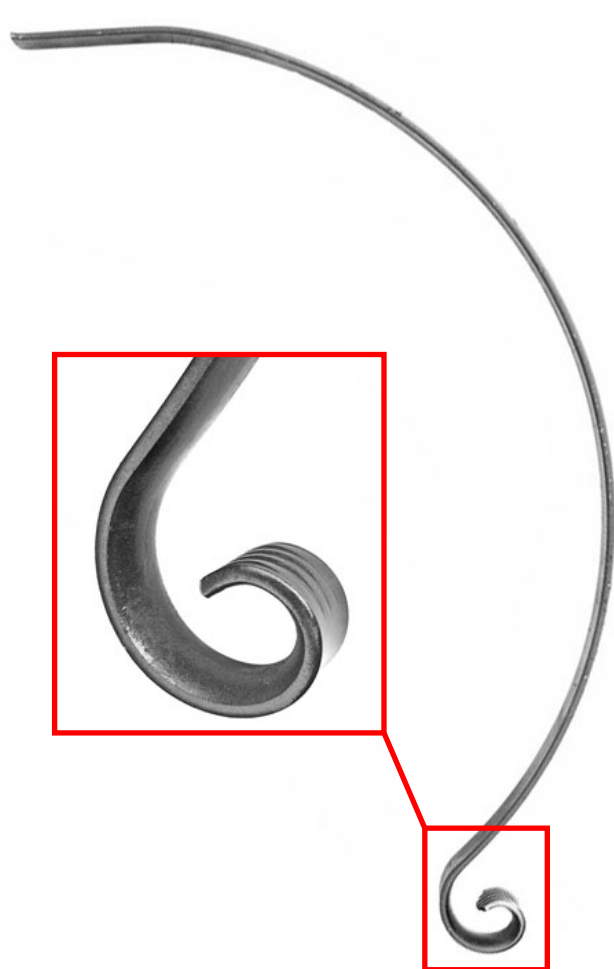
Crafted using  
decorative bars.



Part No.	Description	Size	Length	Price
4012 DFE	Decorative Handrail Frame End	40 x 12 mm	200 mm	
5015 DFE	Decorative Handrail Frame End	50 x 15 mm	200 mm	
4012 DEC3	Decorative Handrail - Flat Length	40 x 12 mm	3.3 metres	
4012 DEC6	Decorative Handrail - Flat Length	40 x 12 mm	6.6 metres	
4012 DHR3	One-piece Decorative Handrail with Scrolled End	40 x 12 mm	3.3 metres	
5015 DEC3	Decorative Handrail - Flat Length	50 x 15 mm	3.3 metres	
5015 DEC6	Decorative Handrail - Flat Length	50 x 15 mm	6.6 metres	
5015 DHR3	One-piece Decorative Handrail with Scrolled End	50 x 15 mm	3.3 metres	



## Staircase Sweeps

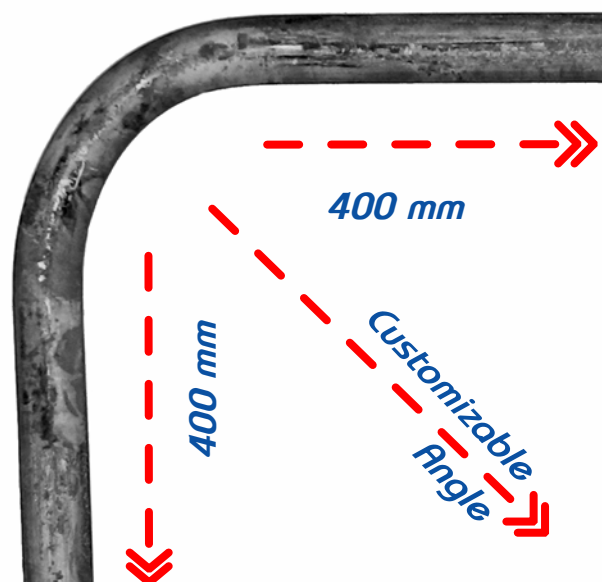


Staircase sweeps can be made out of any kind of flat material. There is no restriction in terms of size/design. The choice of material expands to plain, convex, wavy, edge-hammered, double wavy and flower. This is a customizable item and some of your preferences (in terms of angle/length) could be incorporated in the manufacturing process. Please get in touch with us for additional details. Sweeps are made-to-order and can be prepared in 2-3 days.

**50x13 mm sweeps =**  
**40x10 mm sweeps =**  
**32x10 mm sweeps =**

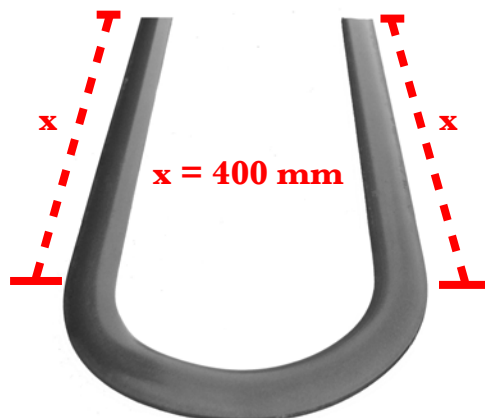
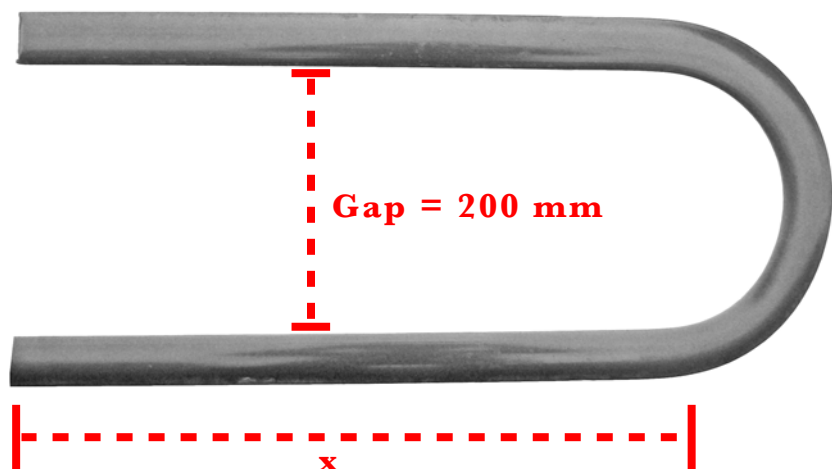
## Staircase Corners

Staircase Corners too are made-to-order and require a 2-3 day notice. Preferences (in terms of angle/length) can be accommodated. Please get in touch with us for additional details.

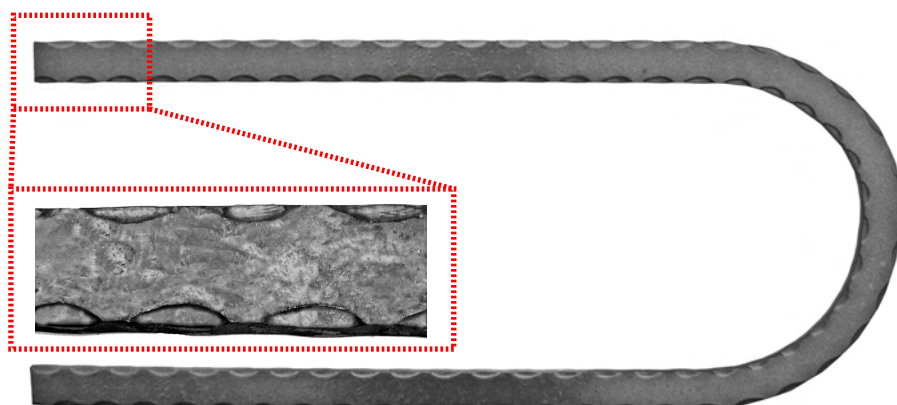


Material		Price
Type	Dimension	
Plain	30 mm x 10 mm	
Plain	40 mm x 10 mm	
Plain	50 mm x 10 mm	
Convex	32 mm x 10 mm	
Convex	40 mm x 10 mm	
Convex	50 mm x 12 mm	
Flower Design	40 mm x 10 mm	
Edge Hammered	40 mm x 10 mm	
Wavy Design	40 mm x 10 mm	

## Staircase Returns



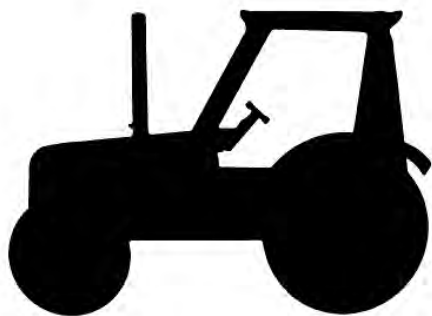
### Design Illustration:



Made out of: Edge Hammered Material

Staircase returns can be crafted using flat bar material of any design, measuring 40 x 10 mm or less. The standard gap between the sides is 200 mm (approx) and the standard length of the return is 400 mm (approx). These standard sizes can be adjusted on request. Although we cannot guarantee perfect customisation of these items, we will strive our best to manufacture them according to your specific requirements. Please get in touch with our sales advisors for details.

Material		Price Per Item
Type	Dimension	
Plain	40x10 mm or 32x10 mm	
Convex	40x10 mm or 32x10 mm	
Edge-Hammered	40x10 mm or 32x10 mm	
Flower	40x10 mm or 32x10 mm	
Wavy or Double Wavy	40x10 mm or 32x10 mm	



**WV 1 & 1A**



**WV 2**



**WV 3**



**WV 4**



**WV 5 & 5A**



**WV 5B**



**WV 6**



**WV 7 & 7A**



**WV 8**

Part No.	Description	Size (L x H x W)
WV 1	Tractor	350 mm x 250 mm x 4 mm
WV 1A	Tractor	350 mm x 250 mm x 3 mm
WV 2	Cat and Mouse	700 mm x 280 mm x 6 mm
WV 3	Blacksmith and Anvil	235 mm x 315 mm x 4 mm
WV 4	Horse and Plough	435 mm x 180 mm x 4 mm
WV 5	Gunman and Dog	410 mm x 365 mm x 4 mm
WV 5A	Gunman and Dog	410 mm x 365 mm x 3 mm
WV 5B	Gunman and Dogs	575 mm x 360 mm x 4 mm
WV 6	Horse and Carriage	440 mm x 215 mm x 4 mm
WV 7	Pheasant	365 mm x 190 mm x 4 mm
WV 7A	Pheasant	365 mm x 190 mm x 3 mm
WV 8	Cockerel	330 mm x 365 mm x 4 mm



**WV 9**



**WV 10**



**WV 11 & 11A**



**WV 12**



**WV 13 & 13A**



**WV 14 & 14A**



**WV 15**



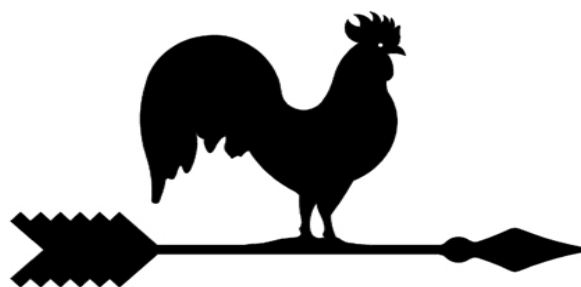
**WV 16**



**WV 17**



**WV 18**



**WV 19**

Part No.	Description	Size (L x H x W)
WV 9	Alsatian	370 mm x 275 mm x 4 mm
WV10	Bird Of Prey	320 mm x 400 mm x 4 mm
WV11	Train	400 mm x 200 mm x 4 mm
WV11A	Train	400 mm x 200 mm x 3 mm
WV12	Pointer Dog	390 mm x 260 mm x 4 mm
WV13	Fox	445 mm x 240 mm x 4 mm
WV13A	Fox	445 mm x 240 mm x 3 mm
WV14	Golfer	295 mm x 435 mm x 6 mm
WV14A	Golfer	295 mm x 435 mm x 4 mm
WV15	Saracen Swords	300 mm x 300 mm x 4 mm
WV16	Clown	135 mm x 160 mm x 4 mm
WV17	Greyhounds & Hare	1015 mm x 235 mm x 6 mm
WV18	Owl	450 mm x 290 mm x 4 mm
WV 19	Cockerel Weathervane	450 mm x 250 mm x 3 mm



**WV 20**

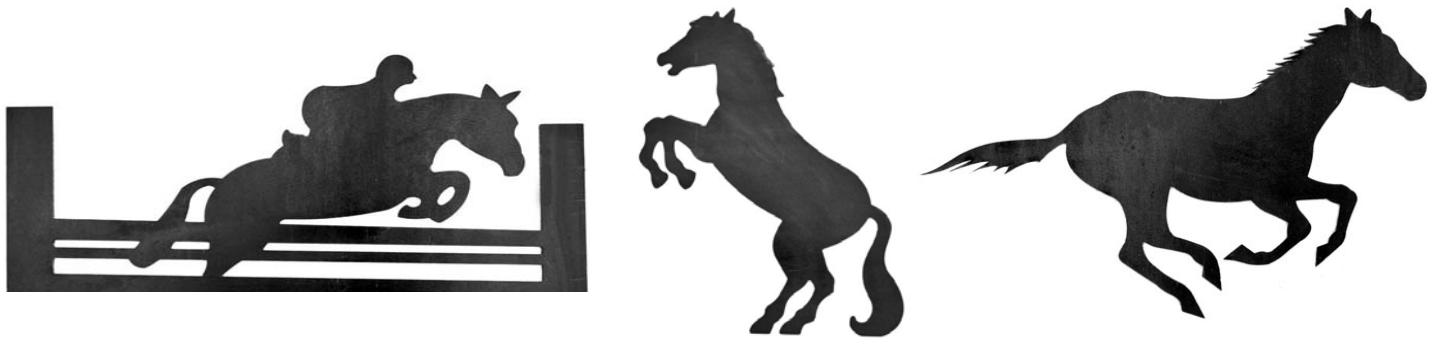
**WV 21**

**WV 22**

**WV 23**

**WV T**

**WV A**



**WV 24**

**WV 25**

**WV 26**



**WV 27**



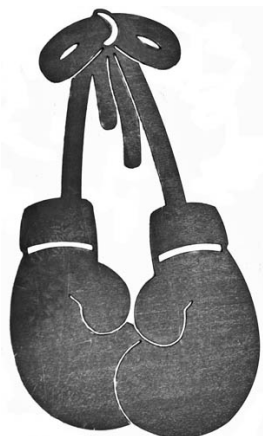
**WV 28**



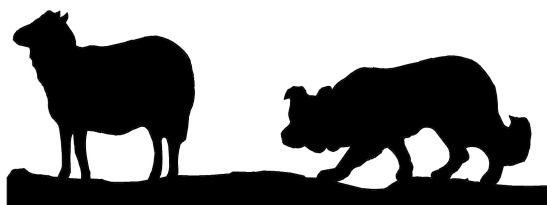
**WV 29**

Part No.	Description	Size (L x H x W)
WV 20	Gent Bowler	370 mm x 310 mm x 4 mm
WV 21	Lady Bowler	440 mm x 280 mm x 4 mm
WV 22	Thistle	200 mm x 305 mm x 5 mm
WV 23	Motorcycle	540 mm x 300 mm x 4 mm
WVT	Weather Vane Tail	220 mm x 135 mm x 4 mm
WVA	Weather Vane Arrow	70 mm x 70 mm x 4 mm
WV 24	Race Horse	230 mm x 450 mm x 4 mm
WV 25	Horse	390 mm x 205 mm x 4 mm
WV 26	Stallion	175 mm x 370 mm x 4 mm
WV 27	Flag Ship	250 mm x 380 mm x 4 mm
WV 28	Sailing Boat	350 mm x 300 mm x 4 mm
WV 29	Cat	320 mm x 315 mm x 4 mm





**WV 30 & 30A**



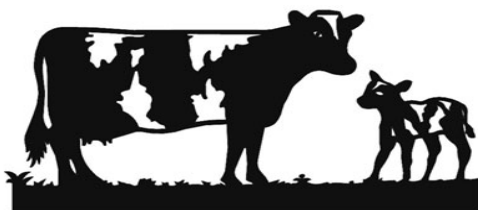
**WV 31**



**WV 32**



**WV 32A**



**WV 33**

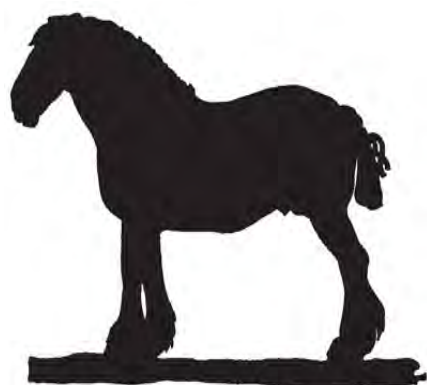


**WV 34 & 34A**



**WV 35**

<b>Part No.</b>	<b>Description</b>	<b>Size (L x H x W)</b>
WV 30	Boxing Gloves	505 mm x 285 mm x 4 mm
WV 30A	Boxing Gloves	505 mm x 285 mm x 3 mm
WV 31	Sheepdog & Sheep	400 mm x 125 mm x 4 mm
WV32	Doberman	350 mm x 330 mm x 4 mm
WV32A	Doberman	350 mm x 330 mm x 4 mm
WV33	Cow & Calf	730 mm x 370 mm x 6 mm
WV34	Owl on a Branch	620 mm x 430 mm x 5 mm
WV34A	Owl on a Branch	620 mm x 430 mm x 3 mm
WV35	Prancing Horse	360 mm x 360 mm x 4 mm



**WV 36 & 36A**



**WV 37 & 37A**



**WV 38 & 38A**



**WV 39**



**WV 40**

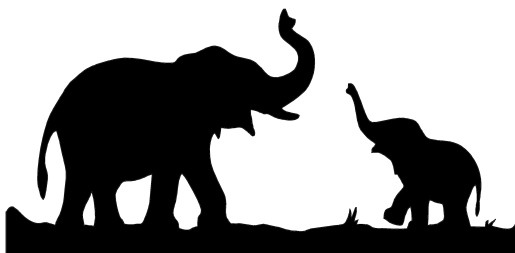


**WV 41**

<b>Part No.</b>	<b>Description</b>	<b>Size (L x H x W)</b>
WV 36	Shire Horse	400 mm x 400 mm x 4 mm
WV 36A	Shire Horse	400 mm x 400 mm x 3 mm
WV 37	Dragon	400 mm x 285 mm x 4 mm
WV 37A	Dragon	400 mm x 285 mm x 3 mm
WV 38	Race Horse	680 mm x 635 mm x 4 mm
WV38A	Race Horse	680 mm x 635 mm x 3 mm
WV 39	Witch	300 mm x 340 mm x 4 mm
WV 40	Horse	550 mm x 300 mm x 4 mm
WV 41	Butterfly	300 mm x 200 mm x 3 mm



**WV 42 & 42A**



**WV 43**



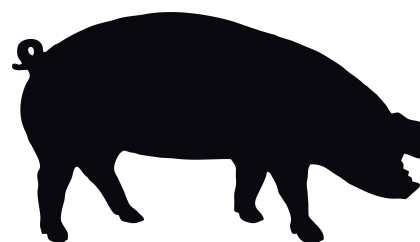
**WV 44**



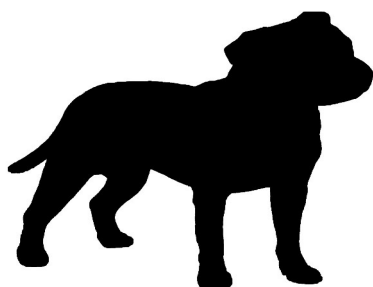
**WV 45**



**WV 46**



**WV 47**



**WV 48**

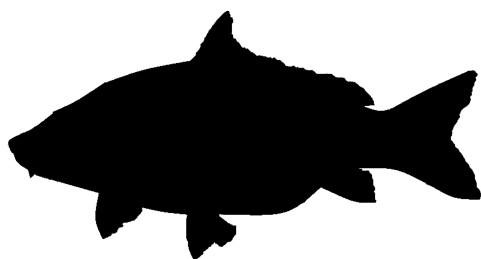


**WV 49**



**WV 50**

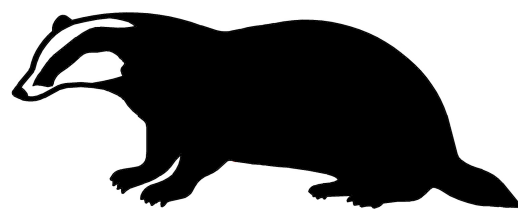
Part No.	Description	Size (L x H x W)
WV 42	Pig	770 mm x 270 mm x 4 mm
WV 42A	Pig	330 mm x 135 mm x 3 mm
WV 43	Elephant	450 mm x 200 mm x 3 mm
WV 44	Bull	280 mm x 140 mm x 4 mm
WV 45	Highland Cow & Calf	543 mm x 289 mm x 4 mm
WV 46	Highland Cow	400 mm x 275 mm x 3 mm
WV 47	Pig	300 mm x 190 mm x 3 mm
WV 48	Staffordshire Bull Terrier	265 mm x 300 mm x 3 mm
WV 49	Miniature Schnauzer	406 mm x 350 mm x 3 mm
WV 50	Golden-retriever	400 mm x 260 mm x 3 mm



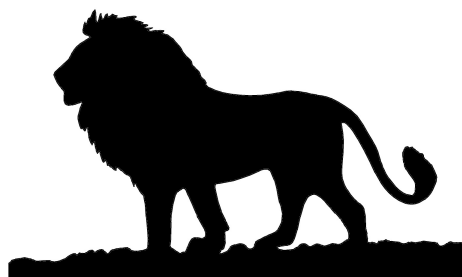
**WV 51**



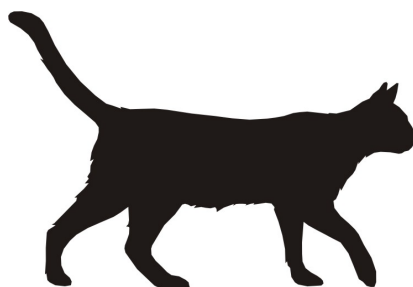
**WV 52**



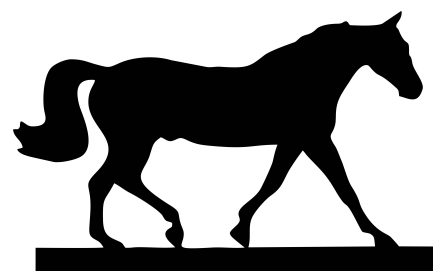
**WV 53**



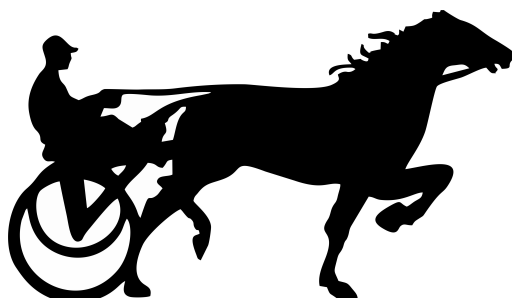
**WV 54**



**WV 55**



**WV 56**



**WV 57**



**WV 58**



**WV 59**

Part No.	Description	Size (L x H x W)
WV 51	Carp	450 mm x 235 mm x 4 mm
WV 52	Scottie	265 mm x 233 mm x 3 mm
WV 53	Badger	250 mm x 152 mm x 3 mm
WV 54	Lion	370 mm x 230 mm x 3 mm
WV 55	Walking Cat	350 mm x 253 mm x 3 mm
WV 56	Horse	360 mm x 250 mm x 3 mm
WV 57	Trotting Horse & Cart	350 mm x 200 mm x 3 mm
WV 58	Staffy Head	290 mm x 330 mm x 3 mm
WV 59	Heart	200 mm x 233 mm x 3 mm



**WV 60**



**WV 61**



**WV 62**



**WV 63**



**WV 64**



**WV 65**



**WV 66**



**WV 67**



**WV 68**



**WV 69**

Part No.	Description	Size (L x H x W)
WV 60	Holly	80 mm x 93 mm x 2 mm
WV 61	Snowman	120 mm x 150 mm x 3 mm
WV 62	Xmas Tree	150 mm x 150 mm x 3 mm
WV 63	Squirrel	225 mm x 170 mm x 3 mm
WV 64	Robin Weathervane	450 mm x 220 mm x 3 mm
WV 65	Tractor Weathervane	450 mm x 200 mm x 3 mm
WV 66	Duck Weathervane	450 mm x 260 mm x 3 mm
WV 67	Stagecoach	450 mm x 250 mm x 3 mm
WV 68	Robin Bracket	225 mm x 216 mm x 3 mm
WV 69	Duck Bracket	210 mm x 212 mm x 3 mm

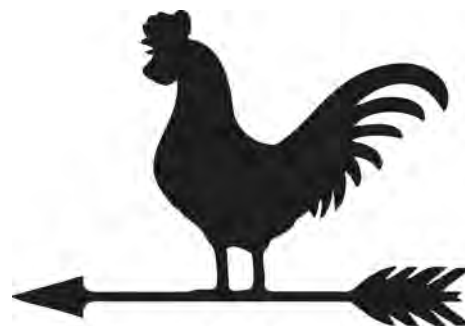




**WV 70**



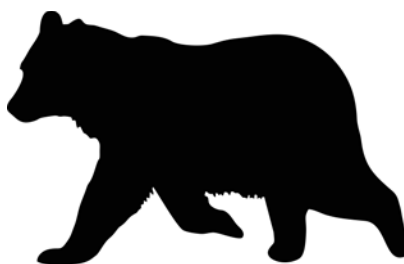
**WV 71**



**WV 72**



**WV 73**



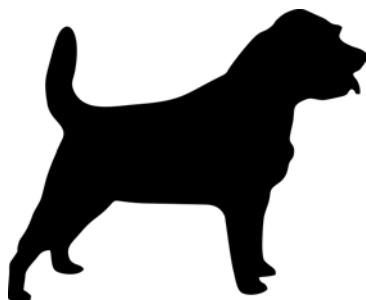
**WV 74**



**WV 75**



**WV 76**



**WV 77**



**WV 78**



**WV 79**

Part No.	Description	Size (L x H x W)
WV 70	Red Stag	380 mm x 340 mm x 2 mm
WV 71	Motorbike	400 mm x 215 mm x 3 mm
WV 72	Cockerel Weathervane	400 mm x 318 mm x 3 mm
WV 73	Bike Weathervane	435 mm x 230 mm x 3 mm
WV 74	Bear	350 mm x 195 mm x 3 mm
WV 75	Blacksmith	480 mm x 480 mm x 3 mm
WV 76	Giraffe	300 mm x 290 mm x 3 mm
WV 77	Border Terrier	265 mm x 220 mm x 3 mm
WV 78	Horse	300 mm x 285 mm x 3 mm
WV 79	Westie	265 mm x 270 mm x 3 mm

## From Flat Bar



Part No.	Size		Price (Each)
	Width x Thickness	Outside Dia	
Ring 1	12 mm x 6 mm	100 mm	
Ring 1a	12 mm x 6 mm	90 mm	
Ring 2	12 mm x 6 mm	130 mm	
Ring 2b	12 mm x 6 mm	120 mm	
Ring 3	16 mm x 6 mm	100 mm	
Ring 3a	16 mm x 6 mm	115 mm	
Ring 4	16 mm x 6 mm	130 mm	
Ring 4a	16 mm x 6 mm	120 mm	
Ring 10	16 mm x 8 mm	100 mm	
* Ring 13	25 mm x 10 mm	125 mm	
* Ring 14	20 mm x 10 mm	125 mm	

\* This **hand forged ring** is made to order.

## From Square Bar



Part No.	Size		Price (Each)
	Width x Thickness	Outside Dia	
Ring 5	12 mm x 12 mm	100 mm	
* Ring 5H	12 mm x 12 mm	100 mm	
Ring 6	12 mm x 12 mm	130 mm	
Ring 9	16 mm x 16 mm	130 mm	

\* **Hammered Edge Design**

## From Round Bar



Part No.	Size		Price (Each)
	Width x Thickness	Outside Dia	
Ring 7	12 mm Diameter	100 mm	
Ring 8	12 mm Diameter	112 mm	
Ring 11	10 mm Diameter	110 mm	
Ring 12	6 mm Diameter	100 mm	

# COLLAR CLIPS and MILD STEEL BASKETS

## Collar Clips

Knuckled



Convex



Part No.	To fit	Material Size	Price
12CC	12 mm Sq.	14 mm x 4 mm	
16CC	16 mm Sq.	14 mm x 4 mm	
18CC	18 x 12 mm	14 mm x 4 mm	
20CC	20 mm Sq.	14 mm x 4 mm	
24CC	24 x 12 mm	14 mm x 4 mm	
P16 (Convex)	16 mm Sq.	16 mm x 6 mm	
P20 (Convex)	20 mm Sq.	16 mm x 6 mm	

## Baskets/Cages



**4 Strand Ball Basket**

*Only the 12mm, 16mm and 20mm baskets are usually in stock. For other sizes and bulk orders, kindly allow 2-3 days for manufacture.*



**8 Strand**

To Fit Square Bar	Size	Price Per Basket	Width of Strands
<b>4 Strand Design</b>			
8 mm	90 mm x 45 mm		4 mm
10 mm	110 mm x 45 mm		5 mm
12 mm	130 mm x 60 mm		6 mm
12 mm	150 mm x 60 mm		6 mm
12 mm	150 mm x 65 mm		6 mm
16 mm	160 mm x 75 mm		8 mm
20 mm	190 mm x 70 mm		10 mm
24 mm	195 mm x 90 mm		12 mm
30 mm	210 mm x 100 mm		14 mm
<b>8 Strand Design</b>			
12 mm	130 mm x 70 mm		4 mm
18 mm	130 mm x 80 mm		6 mm
24 mm	200 mm x 100 mm		8 mm
30 mm	250 mm x 125 mm		10 mm
<b>Ball Basket Design</b>			
75 mm Diameter ball			6 mm

# MILD STEEL TWISTED BARS & Bar Brackets for Balconies and Staircases



**Middle Twist**




**Double Twist**

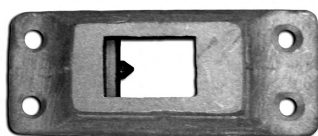


**Full Twist**

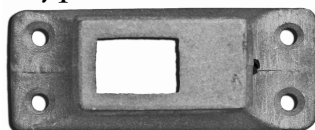
TWISTED BARS CAN BE MADE TO ANY REASONABLE LENGTH. ALL TYPES OF TWIST ARE AVAILABLE SUCH AS OPEN, TIGHT & REVERSE

Bar Brackets to suit 12 mm  Bar  
for Balconies and Staircases.

Type A



Type B



Profile View

Square Bars mm	Twisted Bars			Middle Twist		Double twist	
	1 metre	2 metres	3 metres	1000 mm	1100 mm	1000 mm	1100 mm
10 mm							
12 mm							
14 mm							
16 mm							
20 mm							
25 mm							
30 mm							

\* Please allow 2 - 3 days for processing the order.

## MILD STEEL BASKET ON BARS



On Plain Bar



On Twisted Bar



On Edge Hammered Bar



On Wavy Bar



On Edge-Hammered-Grooved Bar



On Double-Grooved Twisted Bar

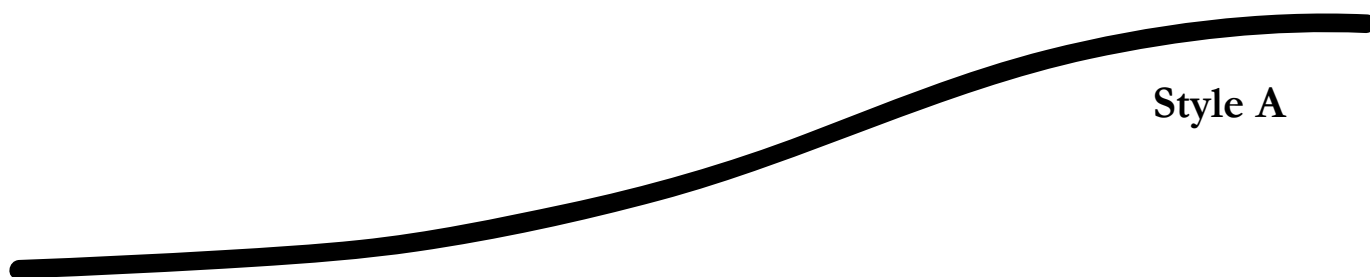
BASKETS ON BAR CAN BE MADE TO ANY REASONABLE LENGTH.

\* Please allow 2 - 3 days for processing the order.

Square Bars mm	Plain Bars		Twisted Bars		Edge Hammered & Wavy Bars		Edge Hammered & Grooved Bars		Double-Grooved Twisted Bars	
	1000 mm	1100 mm	1000 mm	1100 mm	1000 mm	1100 mm	1000 mm	1100 mm	1000 mm	1100 mm
10 mm									N/A	N/A
12 mm										N/A
14 mm							N/A	N/A	N/A	N/A
16 mm										N/A
20 mm									N/A	N/A
25 mm					N/A	N/A	N/A	N/A	N/A	N/A
30 mm					N/A	N/A	N/A	N/A	N/A	N/A



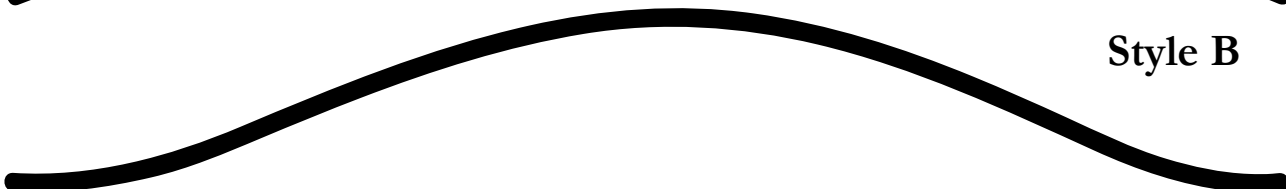
## GATE TOPS



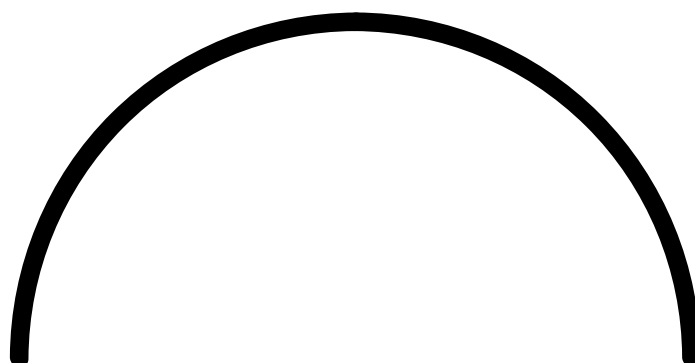
Style A



Style B



Style C



Style D

Plain	Edge Hammered	Wavy	Box	Edge Hammered Box
25 x 6 mm	25 x 6 mm	25 x 6 mm	25 x 25 x 3 mm	25 x 25 x 2.5 mm
25 x 8 mm	25 x 8 mm	25 x 8 mm	30 x 30 x 3 mm	30 x 30 x 2.5 mm
25 x 10 mm	25 x 10 mm	25 x 10 mm	40 x 40 x 3 mm	40 x 40 x 2.5 mm
30 x 6 mm	30 x 6 mm	30 x 6 mm	50 x 50 x 3 mm	50 x 50 x 3 mm
30 x 8 mm	30 x 8 mm	30 x 8 mm	50 x 25 x 3 mm	50 x 25 x 3 mm
30 x 10 mm	30 x 10 mm	30 x 10 mm	N/A	N/A
40 x 6 mm	40 x 6 mm	40 x 6 mm	N/A	N/A
40 x 8 mm	40 x 8 mm	40 x 8 mm	N/A	N/A
40 x 10 mm	40 x 10 mm	40 x 10 mm	N/A	N/A
50 x 10 mm	50 x 10 mm	N/A	N/A	N/A

**Note: Gate Tops can be made to any reasonable length and height.**

**Gate Top Order Form: Minimum Order Charge £10.00**

Section	On Edge or Flat	Style	Length	Height	Material	Quantity

## GATE TOP SCROLLS

GT 1



GT 1/A



GT 2



GT 3



GT 4



Part No.	Description	Size		Price Per Item
		Width x Height	Material Dimension	
GT 1	Edge Hammered	530 mm x 80 mm	16 mm x 8 mm	
GT 1/A	Edge Hammered	560 mm x 80 mm	12 mm x 6 mm	
GT 2	Edge Hammered	740 mm x 240 mm	12 mm x 6 mm	
GT 3	Regular	900 mm x 300 mm	20 mm x 5 mm	
GT 4	Regular	770 mm x 200 mm	16 mm x 4 mm	

# LEAVES



**L 1**

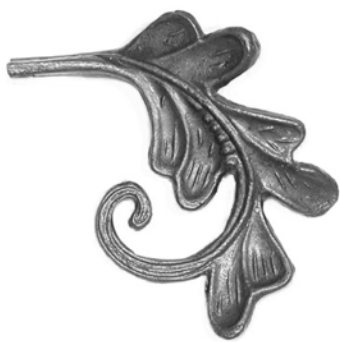


**L 2**

Part No.	Size	Price
L1	150 mm (H) x 150 mm (W)	
L2	150 mm (H) x 150 mm (W)	



**L 3**



**L 4**

Part No.	Size	Price
L3	120 mm (H) x 120 mm (W)	
L4	120 mm (H) x 120 mm (W)	



**L 5**



**L 6**

Part No.	Size	Price
L5	95 mm (H) x 140 mm (W)	
L6	95 mm (H) x 140 mm (W)	



**L 7**



**L 8**

Part No.	Size	Price
L7	120 mm (H) x 110 mm (W)	
L8	120 mm (H) x 110 mm (W)	



L 9



L 10



L 11

Part No.	Size	Price
L 9	300 mm (H) x 50 mm (W)	
L 10	160 mm (H) x 160 mm (W)	
L 11	240 mm (H) x 110 mm (W)	



L 12



L 13

Part No.	Size	Price
L 12	240 mm (H) x 130 mm (W)	
L 13	240 mm (H) x 130 mm (W)	



L 14

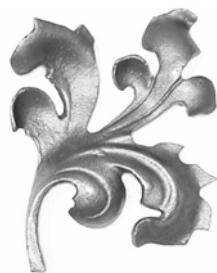


L 15

Part No.	Size	Price
L 14	250 mm (H) x 160 mm (W)	
L 15	250 mm (H) x 160 mm (W)	



L 16



L 17

Part No.	Size	Price
L 16	170 mm (H) x 150 mm (W)	
L 17	170 mm (H) x 150 mm (W)	



L 18



L 19

Part No.	Size	Price
L 18	190 mm (H) x 105 mm (W)	
L 19	190 mm (H) x 105 mm (W)	



L 20



L 21

Part No.	Size	Price
L 20	185 mm (H) x 80 mm (W)	
L 21	185 mm (H) x 80 mm (W)	



L 22



L 23

Part No.	Size	Price
L 22	70 mm (H) x 60 mm (W) x 3 mm (T)	
L 23	70 mm (H) x 60 mm (W) x 3 mm (T)	



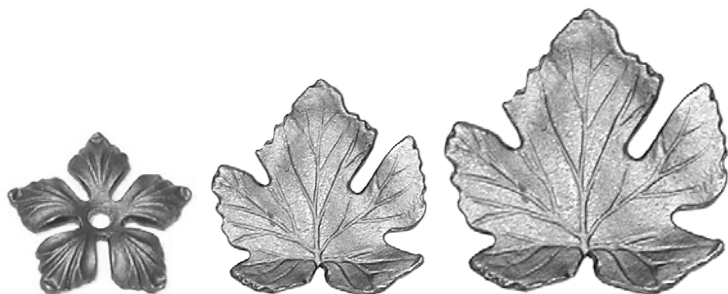


L 24

L 25

L 26

Part No.	Size	Price
L 24	37 mm (H) x 110 mm (W) x 3 mm (T)	
L 25	37 mm (H) x 110 mm (W) x 3 mm (T)	
L 26	40 mm (H) x 40 mm (W)	

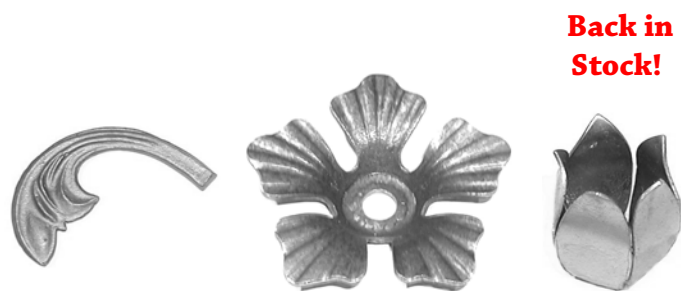


L 27

L 28

L 29

Part No.	Size	Price
L 27	95 mm (H) x 95 mm (W)	
L 28	85 mm (H) x 85 mm (W) x 3 mm (T)	
L 29	130 mm (H) x 125 mm (W) x 3 mm (T)	



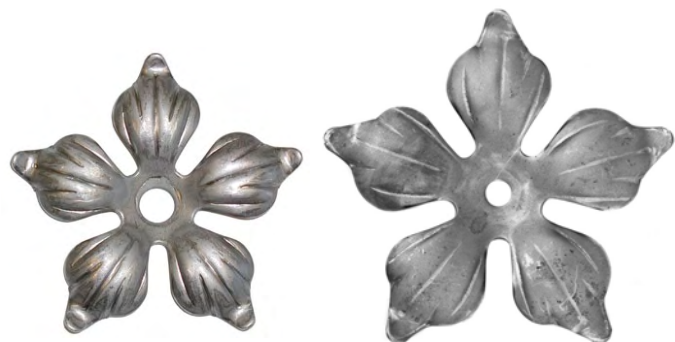
**Back in Stock!**

L 30

L 31

L 34

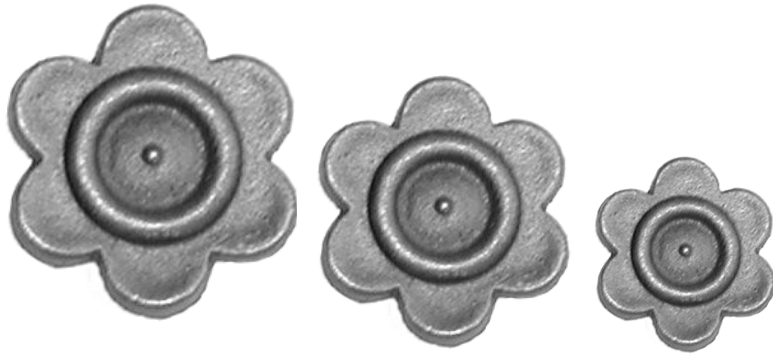
Part No.	Size	Price
L 30	60 mm (H) x 110 mm (W)	
L 31	85 mm dia x 15 mm (H) x 2 mm (T)	
L 34	34 mm dia x 31 mm (H)	



L 35

L 35/A

Part No.	Size	Price
L 35	90 mm dia x 10 mm (H) x 2 mm (T)	
L 35/A	140 mm dia x 15 mm (H) x 2 mm (T)	



Part No.	Size	Price (Each)
D 1	65 mm x 6 mm	
D 2	50 mm x 6 mm	
D 3	25 mm x 6 mm	

**D 1**

**D 2**

**D 3**



Part No.	Size (Dia x Thickness)	Price
R 1	90 mm x 10 mm	
R 2	120 mm x 15 mm	
R 3	65 mm x 7 mm	

**R 1**

**R 2**

**R 3**



Part No.	Size (Dia x Thickness)	Price (Each)
LR 1	70 mm dia x 6 mm	
LR 2	100 mm dia x 6 mm	

**LR 1**

**LR 2**



Part No.	Size (Dia x Thickness)	Price (Each)
BRASS 1	70 mm dia x 15 mm	
BRASS 2	70 mm dia x 15 mm	

**BRASS 1**

**BRASS 2**

## GRAPES AND LEAVES



**LV 13**



**LV 14**



**VB 6 / 8 / 10 / 12**



**GRAPES 1**



**GRAPES 2**

**VINE BAR**

Part No.	Size	Price (Each)
LV 13	75 mm x 125 mm x 4 mm	
LV 14	110 mm x 155 mm x 4 mm	
GRAPES 1	120 mm	
GRAPES 2	190 mm	
VB 6	6 mm dia x 2 metres	
VB 8	8 mm dia x 2 metres	
VB 10	10 mm dia x 2 metres	
VB 12	12 mm dia x 2 metres	



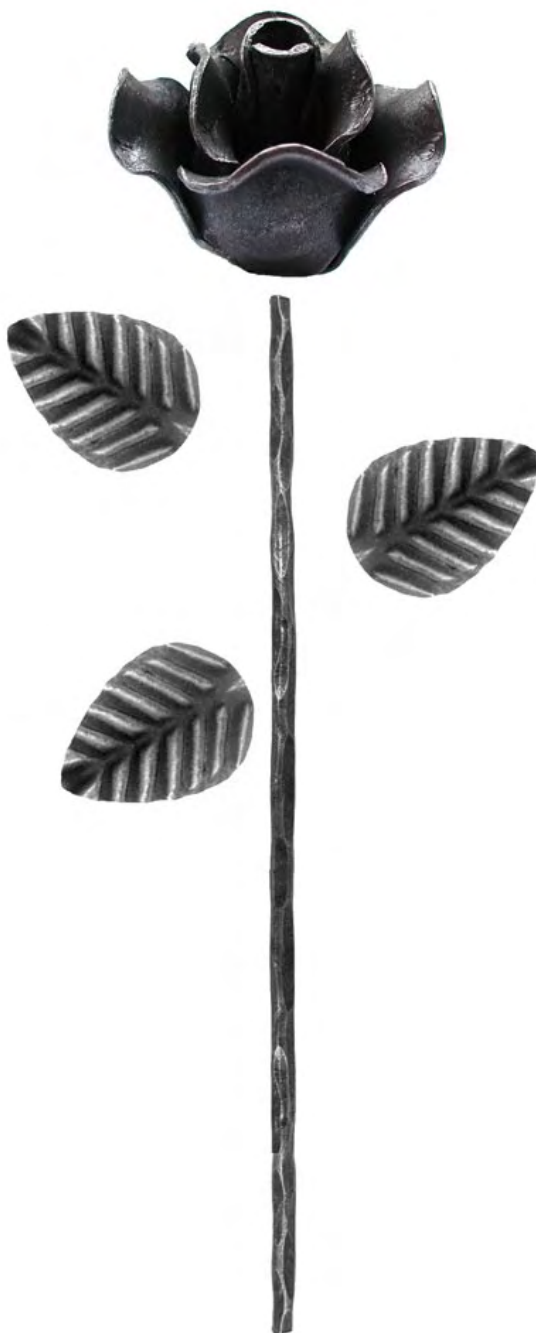
**RL 4**



**RL 3**



**RL 2**



**R K**



**R H**



**R P**



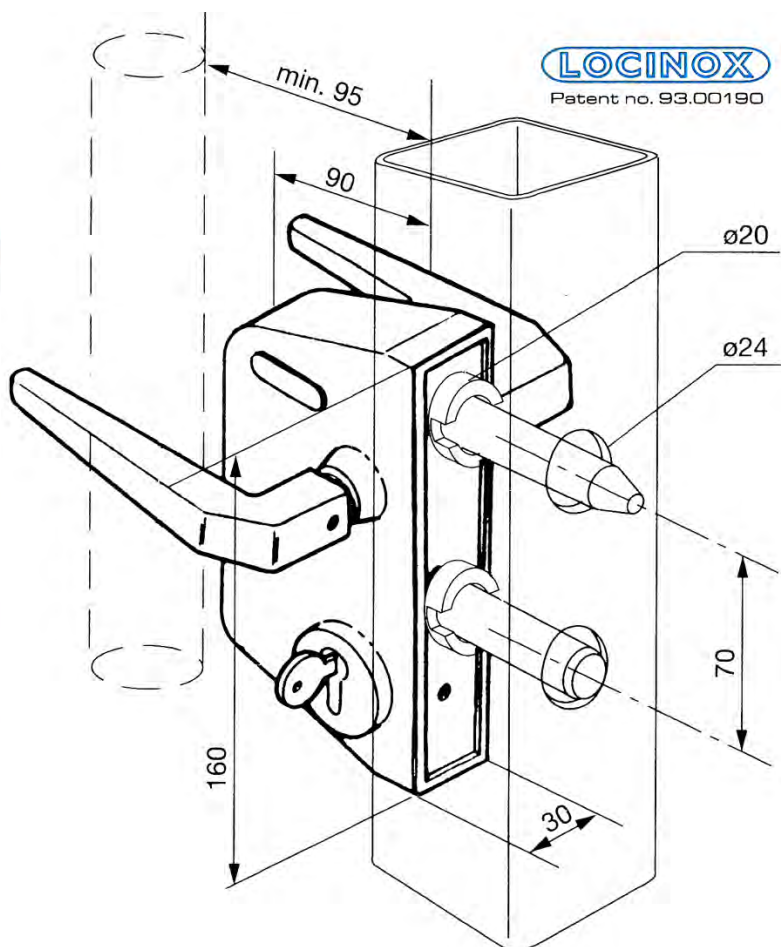
**RL**



**RL 1**

Part No.	Size	Price (Each)
RP	Rose Petal	
RK	Heavy weight Rose Kit: Stem, 3 Leaves & Rose Head	
RL	Rose Leaf: 45 mm x 33 mm x 1 mm	
RH	Rose Head: 47 mm x 55 mm	
RL1	Rose Leaf: 45 mm x 30 mm x 1 mm	
RL2	Rose Leaf: 63.5 mm x 32 mm x 1.5 mm	
RL3	Rose Leaf: 77 mm x 42.5 mm x 1.5 mm	
RL4	Rose Leaf: 92 mm x 51 mm x 1.5 mm	

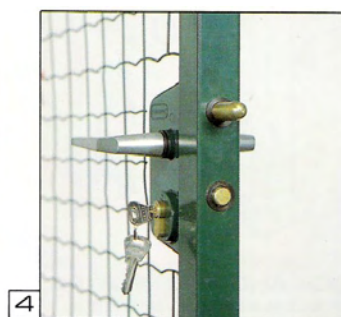
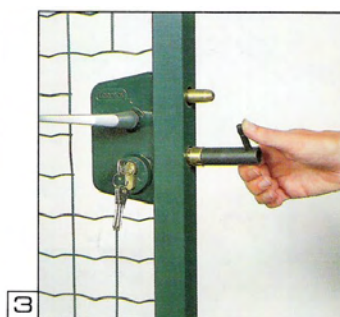
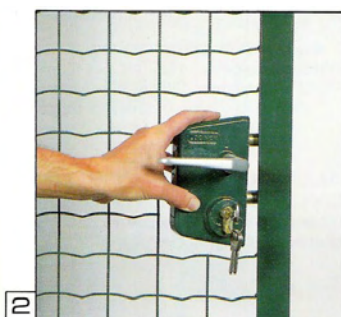
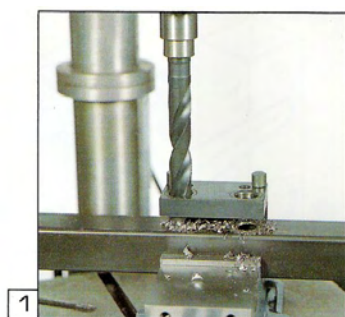




## Installation for Box Section:

- (1) Drill 20 mm / 24 mm holes.
- (2) Insert lock.
- (3) Tighten concealed collar with spanner.
- (4) Insert grommets.

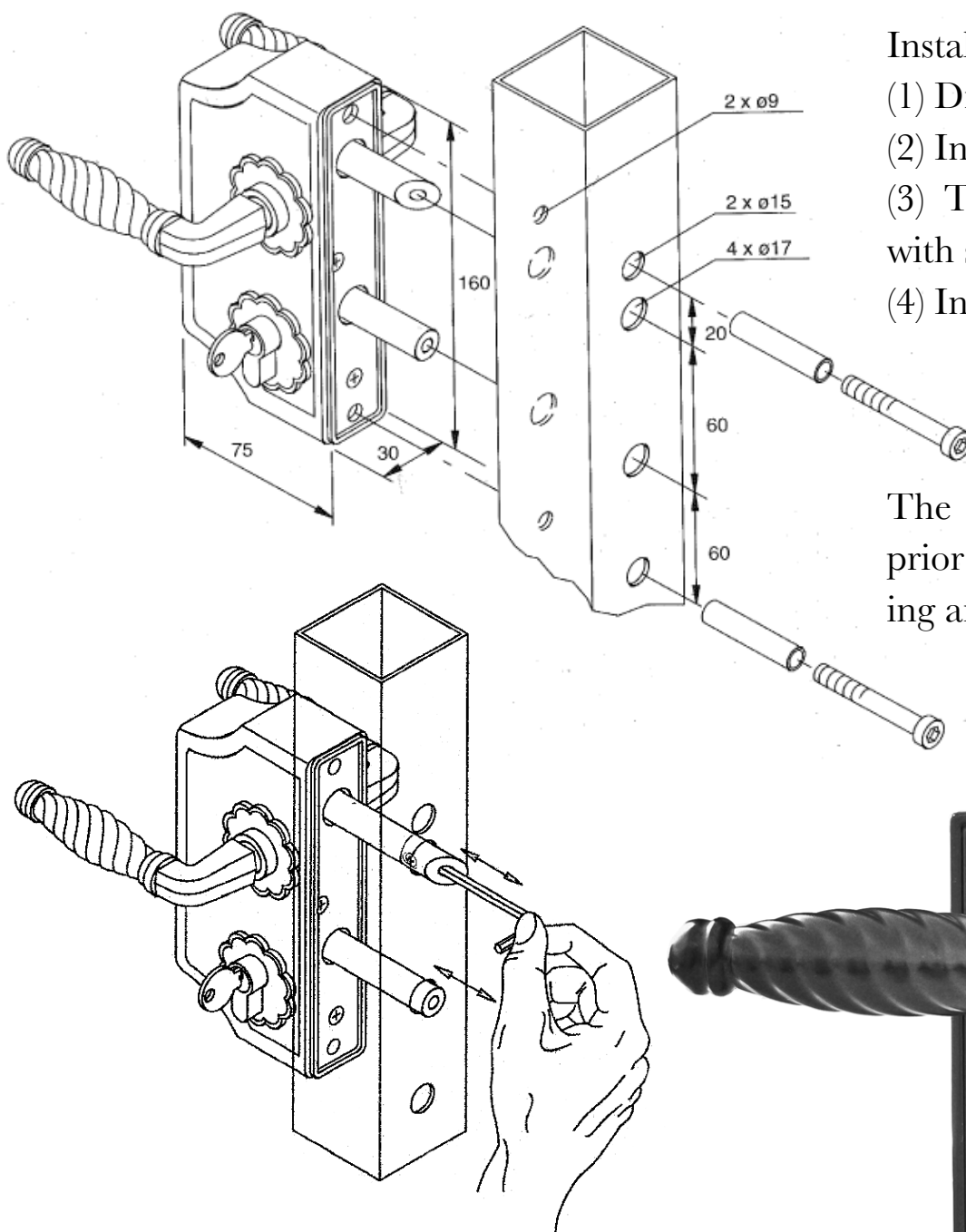
The gate can be predrilled prior to painting or galvanising and the lock fitted inside.



Part No.	Size	Price (Each)
LK 10	To suit solid section 10 mm	
LK 30	To suit box section 30/40 mm	



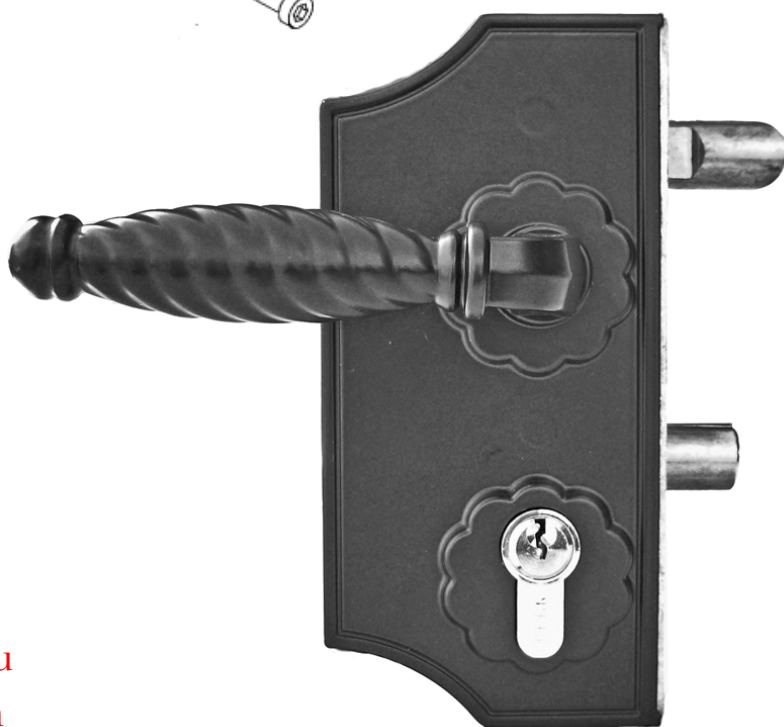
# DECORATIVE LOCINOX LOCK



Installation for Box Section:

- (1) Drill 20mm / 24mm holes.
- (2) Insert lock.
- (3) Tighten concealed collar with spanner.
- (4) Insert grommets.

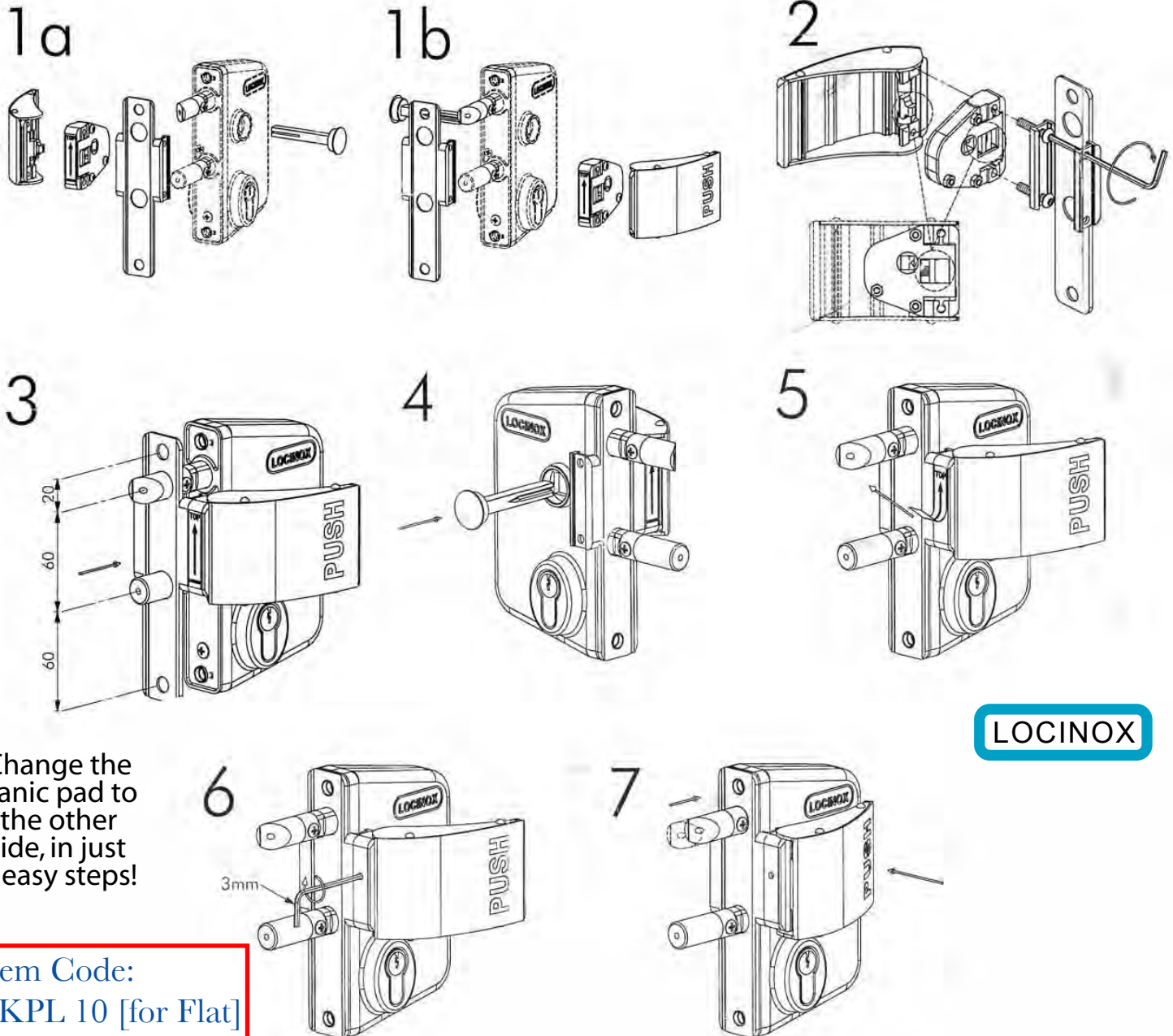
The gate can be predrilled prior to painting or galvanising and the lock fitted inside.



By simply putting a hex key (3 mm) in the self-latching and deadbolt, you can adjust them in length by 10 mm

Part No.	Size	Price (Each)
LK 10 Dec	Decorative - To suit solid section 10 mm	
LK 30 Dec	Decorative - To suit box section 30/40 mm	
LK 50 Dec	Decorative - To suit box section 50 mm	

# LOCINOX PANIC LOCK



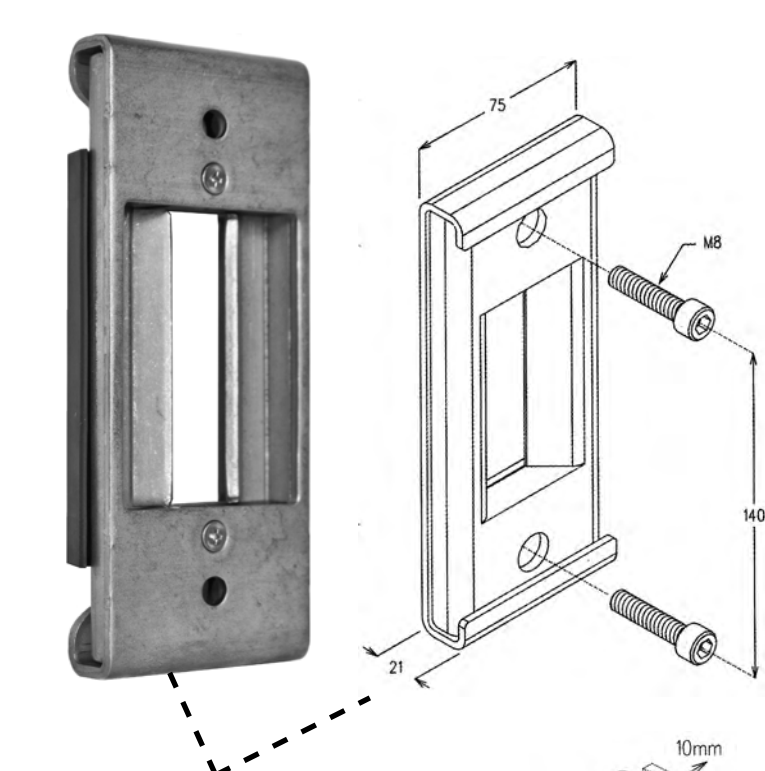
**LOCINOX**

Change the panic pad to the other side, in just 8 easy steps!

Item Code:  
LKPL 10 [for Flat]  
LKPL 30 [for box]

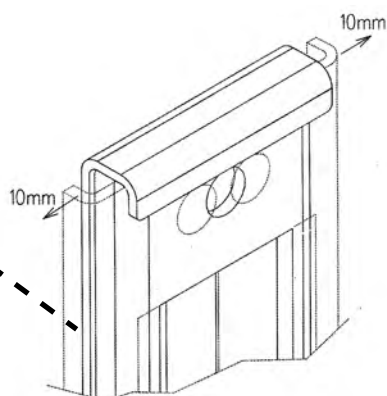
These reliable panic locks are manufactured in accordance with BS Standards and are ideal for use on doors and gates that are intended to be opened from one side only; for example, fire exit doors and warehouse doors. Operated simply by pushing the panic pad, these can also be bought with an euro cylinder [sold separately] to lock the push pad, so as to disallow use of the lock. Just like other Locinox locks, the bolt throw can be adjusted using a hex key.





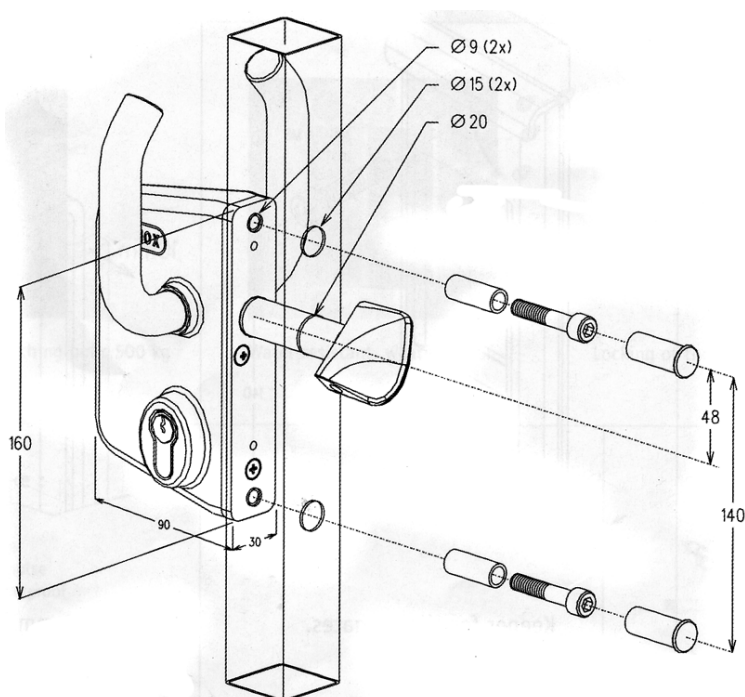
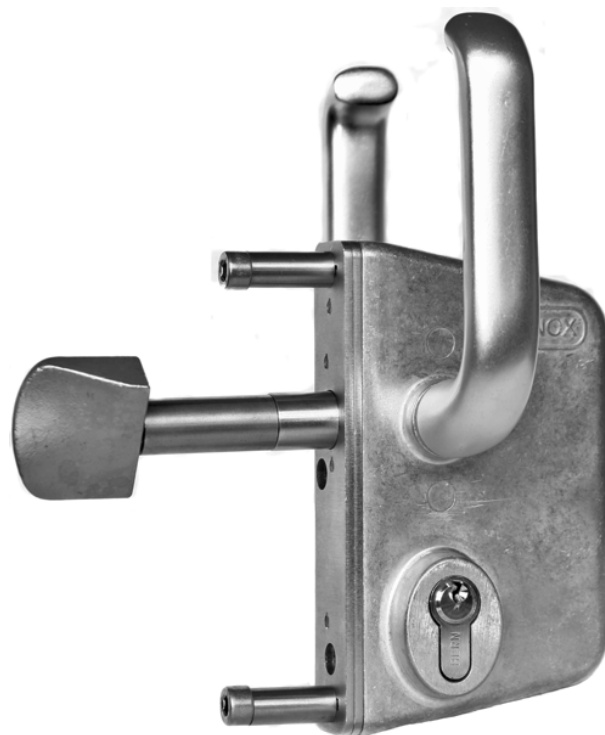
Keeper for sliding gates.

10 mm adjustment  
on both sides.



These Locinox Aluminium locks have aluminium handles to match and are meant for sliding gates. They can be fitted on box section sizes ranging from 40mm to 100mm.

A Locinox keep SSKZ, designed especially for these locks, is available separately.



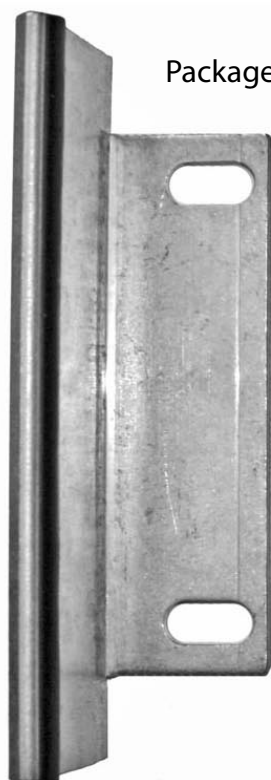
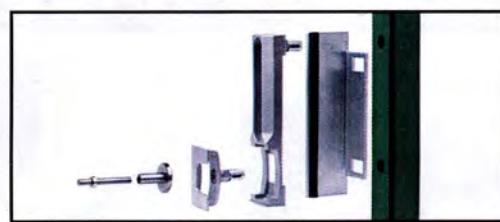
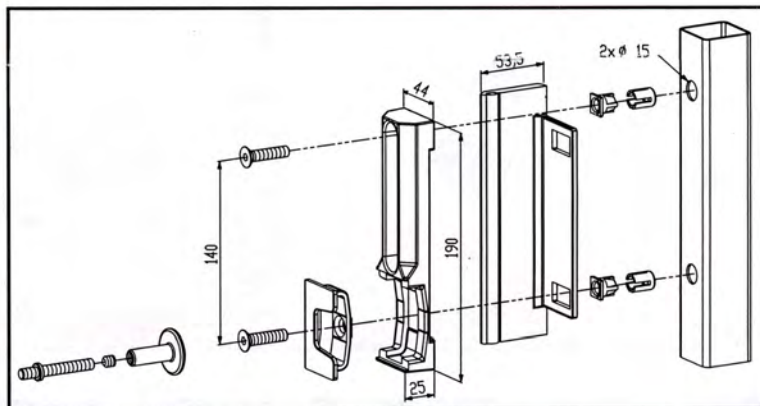
Part No	Description	Price
LSKZ 40	Aluminum Lock for Sliding gates, to suit 40mm RHS	
LSKZ 50	Aluminum Lock for Sliding gates, to suit 50mm RHS	
LSKZ 60	Aluminum Lock for Sliding gates, to suit 60mm RHS	
LSKZ 80	Aluminum Lock for Sliding gates, to suit 80mm RHS	
LSKZ 100	Aluminum Lock for Sliding gates, to suit 100mm RHS	
SSKZ	Locinox Keep for sliding gate locks	



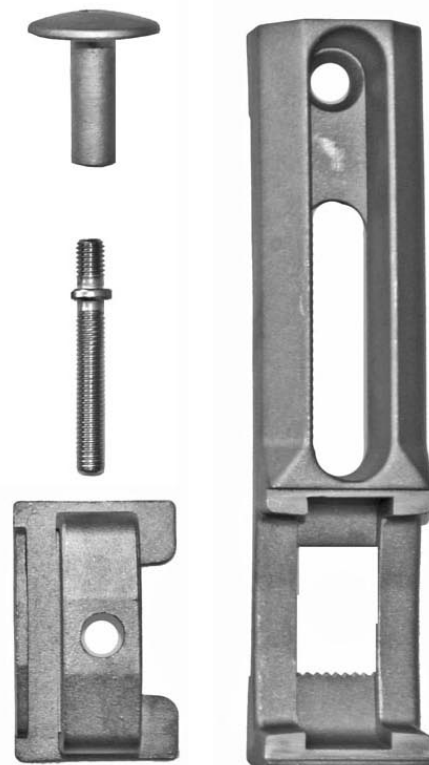
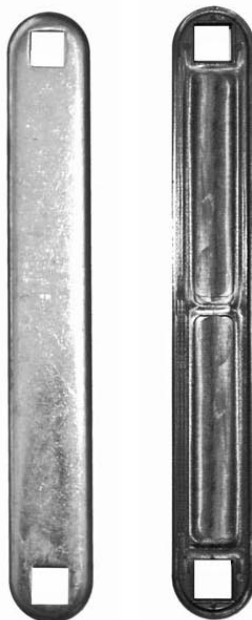
# LOCINOX SECURA

## Anchoring Closing Plate for Swinging Gates

### LOCINOX SECURA



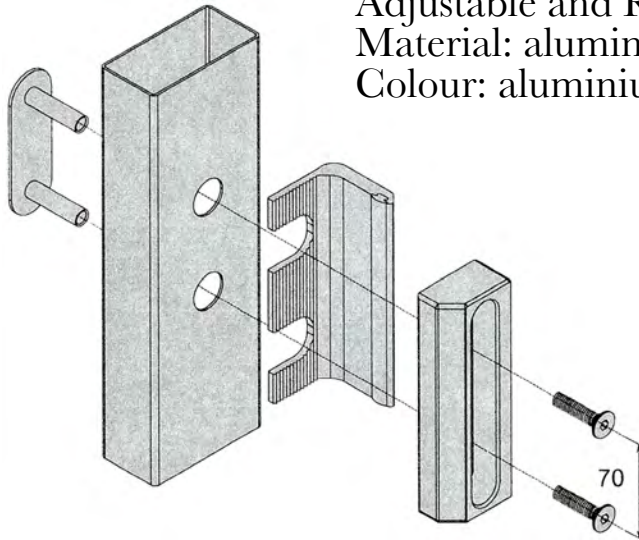
Package contents:



Item Code	Description	Price
Secura 40	To fit 40 - 50 - 60 mm Box Section	
Secura 60	To fit 60 - 70 - 80 mm Box Section	
Secura 80	To fit 80 - 90 - 100 mm Box Section	

These SECURA Keeps are designed to be used with LOCINOX locks listed on pages 88 and 89.

===== | Locinox Keep | =====



Adjustable and Reversible  
Material: aluminium, stainless steel  
Colour: aluminium or powder coated

Part No : LKSL  
To suit box section  
40 - 50 - 60 mm



===== | Escutcheons | ===== | Key Cutting Services | =====



A set of  
Metal Escutcheons  
for CISA Locks  
(Complete with 4 screws)



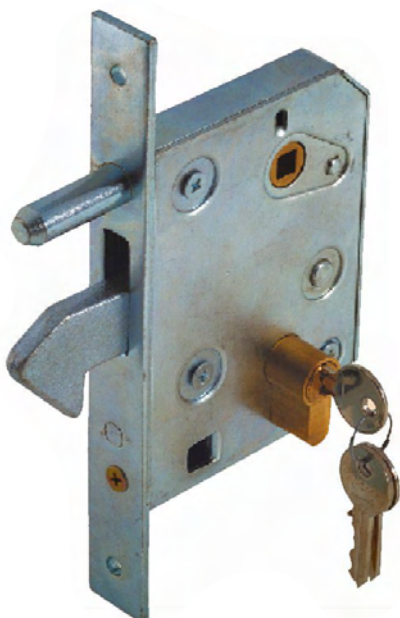
Key Cutting Services are  
available for both, Locinox  
and Welka Locks.

Price:



## SLIDING LOCK AND LOCK BOX

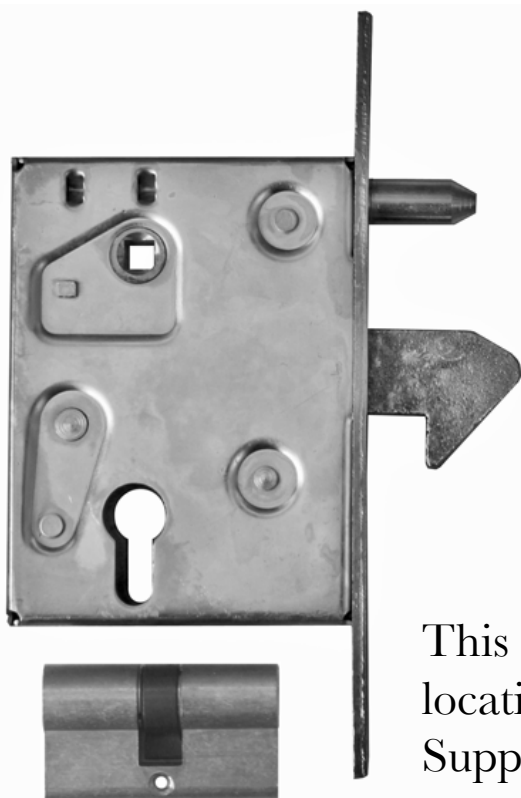
These high-quality and durable locks are meant to be used on sliding gates/doors.



Galvanised Hook Lock  
Part No. 129



Galvanised Lock Cover Box  
Part No. 128/10 - for 40 mm box  
Part No. 128/20 - for 50 mm box



High Quality Hook  
Lock with lock keep.

Part No. 129/K  
Price:

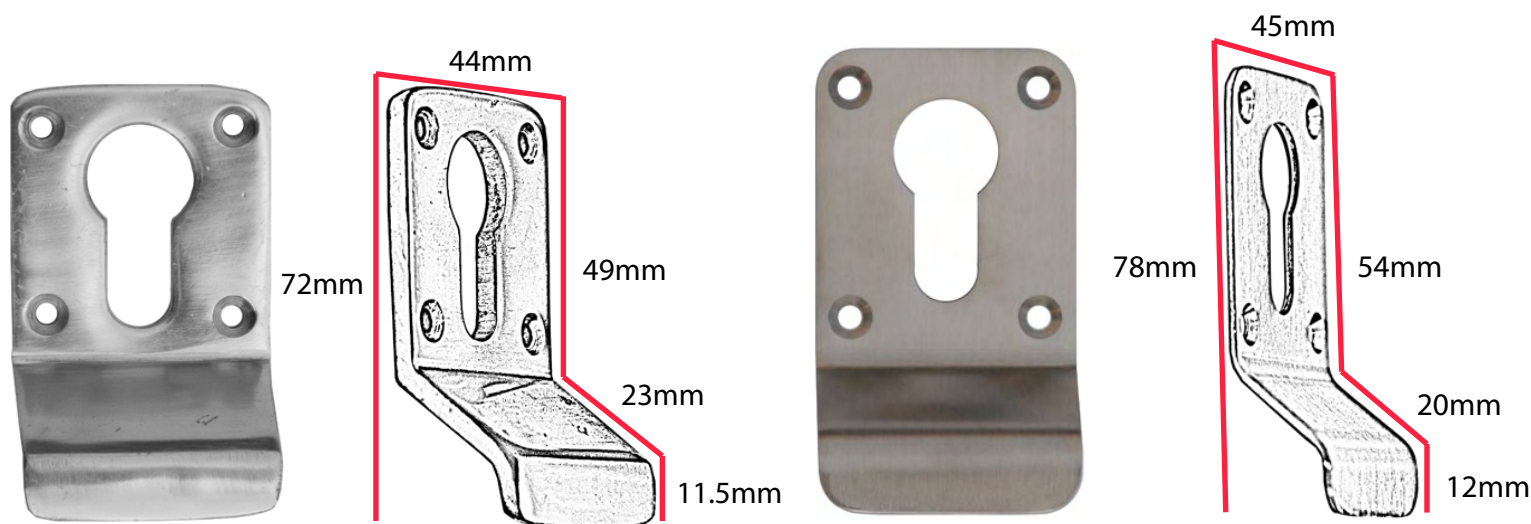
This substantial hook lock is excellent value. The locating pin prevents the gate being released by lifting. Supplied with eurocylinder and keep plate.

# ESCUTCHEONS

**ESN 1**



**ESN 2 - p**

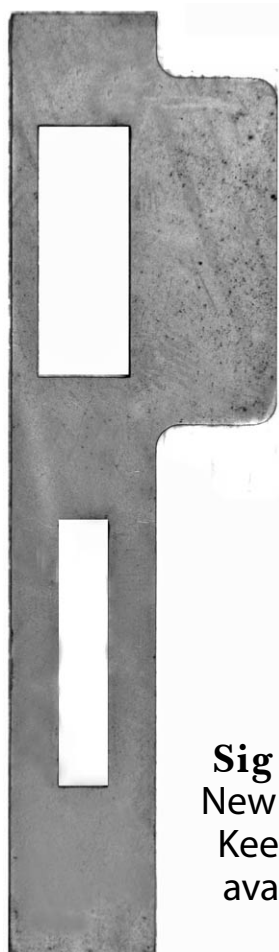
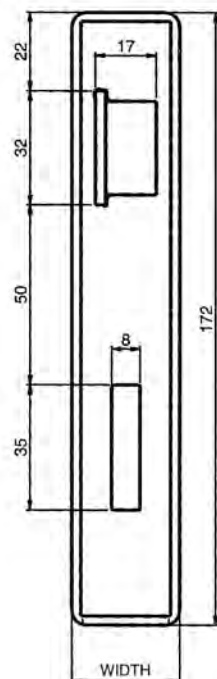
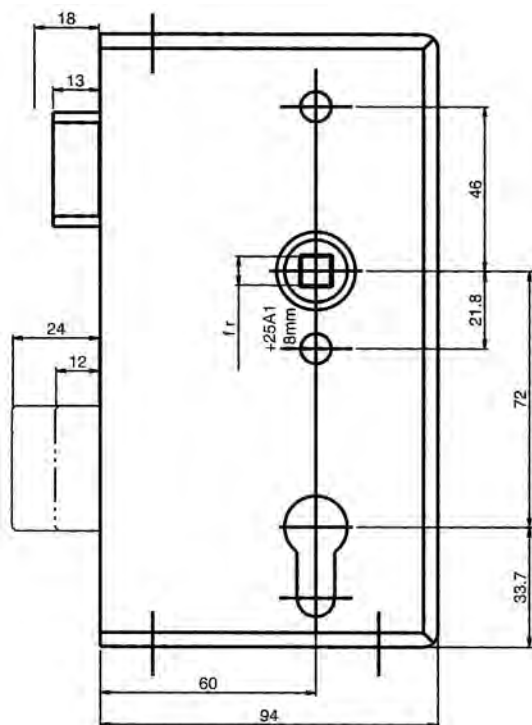


**ESN 3 - a**

**ESN 4 - t**

Code	Description	Price
ESN 1	Finished measurement = 54 mm diameter	
ESN 2-p	Finished measurement = 53 mm diameter.	
ESN 3-a	44 mm wide x 72 mm height [Aluminum]	
ESN 4-t	45 mm wide x 78 mm height [Thin]	

# SIGNET WELD-IN GATE LOCK



**Sig - KP:**  
New Signet  
Keep now  
available!

- \* Free - brass 60 mm 5 pin Eurocylinder.
- \* Double throw deadbolt moves 24 mm.
- \* Portrusion of latch adjustable by 5mm.
- \* Lock case available in 30 mm and 40 mm sizes.
- \* Robust lock mechanism with galvanised finish.
- \* Steel lockcase fabricated and fully welded from 2.5 mm thick mild steel, self colour.
- \* Popular Octagon knob set or Lever handle sets available.

Part no.	Description	Price (Each)
Sig 1	30 mm weld-in gate lock with twisted handles	
Sig 2	30 mm weld-in gate lock with octagon handles	
Sig 3	40 mm weld-in gate lock with twisted handles	
Sig 4	40 mm weld-in gate lock with octagon handles	
Sig 5	50 mm weld-in gate lock with twisted handles	
Sig 6	50 mm weld-in gate lock with octagon handles	
Sig - KP	Signet Lock-Keep to fit any/all the locks above.	



## | Padbolts |

286 Heavy Pad Bolt



285 Light Pad Bolt



Suitable for shutters, doors, grilles and gates - these bolts are manufactured from steel, which is zinc plated. The models 285 and 286 Pad bolts offer a secure and economical solution to many applications. The maximum padlock shackle diameter that these bolts will accept is 10 mm.

## | Handles |



Octagon Handles



Model: LKH



Twisted  
Handles

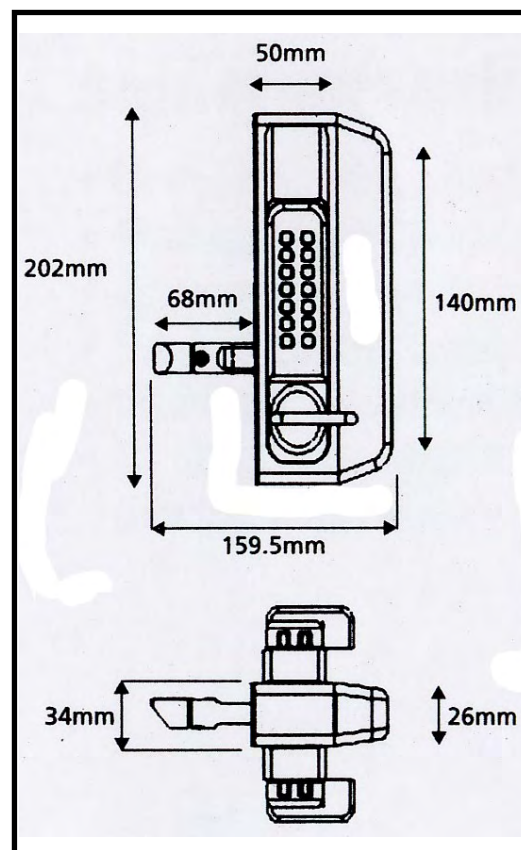


Standard  
Handles

## DIGITAL PUSH BUTTON LOCKS



**BORGLOCKS Single  
Digital Keypad Lock**  
Product code: SIG D1  
Price: £ \_\_\_\_\_



**BORGLOCKS Double  
Digital Keypad Lock**  
Product code: SIG D2  
Price: £ \_\_\_\_\_

These marine grade bolt on digital gatelocks have been developed to meet the demand for keyless entry through gates and steel doors. They are available with a keypad on both sides or with a single keypad and a handle on the reverse.

- \* To suit gate frames 40mm to 80mm thick
- \* Simple to recode. 8000+ combinations
- \* Anti-climb housing

- \* Latch can be reversed and adjusted in length
- \* Marine grade quality - saltwater tested
- \* Security Fixings

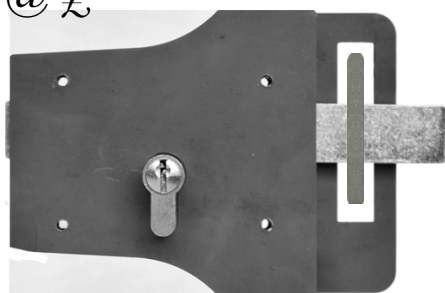


## Gate Locking Bolt with Weld-in Lock Plates

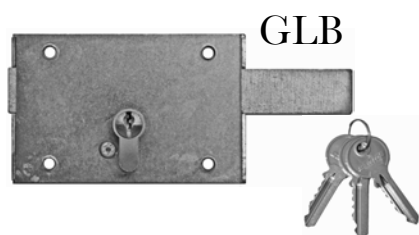
This gate lock has a strong deadbolt which moves 53mm with one turn of the key. Weld-in lock plates included to ensure easy fitting to metal gates. The lock plate is ideal for securing double gates. A keep plate is welded to the second gate so that it passes through the slot in the lockplate and is secured with a dead bolt. This ensures the gates cannot be 'sprung' open. It can also be used for extra security on single gates.

### GLB SET

@ £



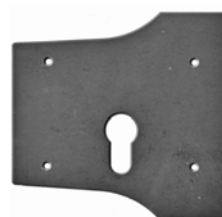
Code	Description	Price
GLB	Gate locking bolt [with keys]	
GLB - K	Slotted lock plate	
GLB - P	Standard lock plate	
GLB - KP	Keep plate	
GLB SET	Complete Gatemaster locking bolt set	



GLB



GLB - K



GLB - P



GLB - KP

## ELECTRIC LOCKS



Product Code: PLA10

Vertical 12V electric lock  
(required for gates longer than 3m)

**Price: £** \_\_\_\_\_



Product Code: PLA11

Horizontal 12V electric lock  
(required for gates longer than 3m)

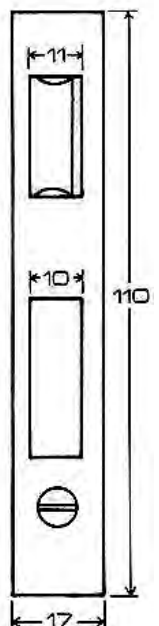
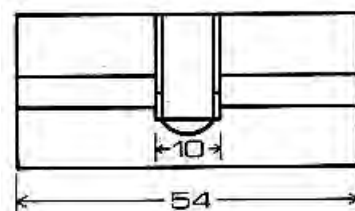
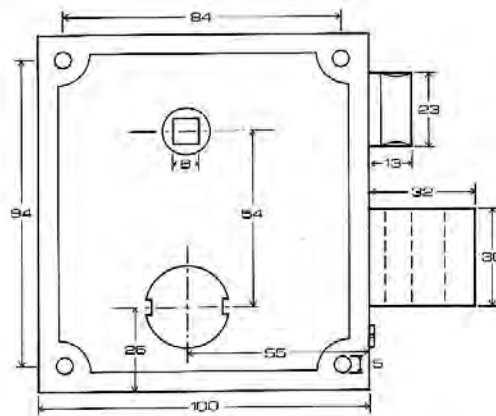
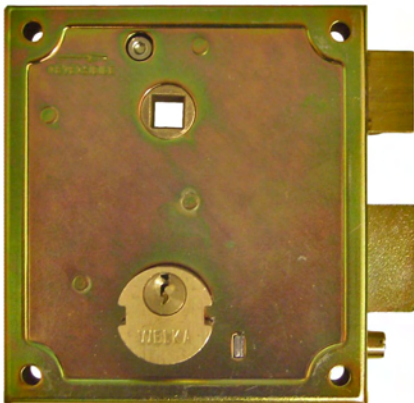
**Price: £** \_\_\_\_\_

## Welka Dead Lock



The Welka Dead Lock 07150000 has a useful 28 mm throw lock bolt the 25 mm cylinder comes complete with 3 keys and can be supplied Keyed alike for multiple installations.

## Welka Gate Lock



The Welka 555500 gate lock has a useful 3 throw lock bolt which extends 32 mm. The latch is reversible and is operated by lever handles or a knobset (not included). The 25 mm Cylinder is complete with 3 keys and can be supplied “keyed alike” for multiple installations.

# JANUS WELD IN LOCKS

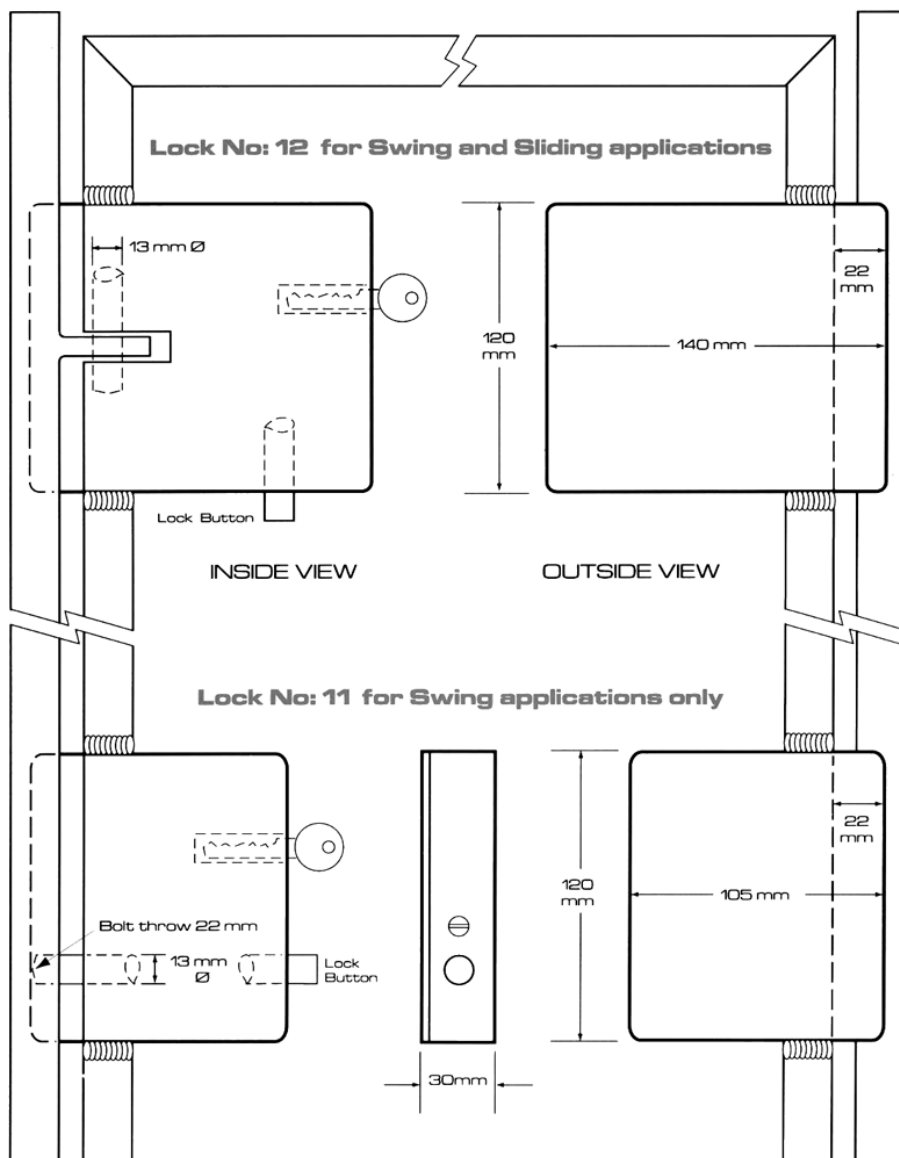
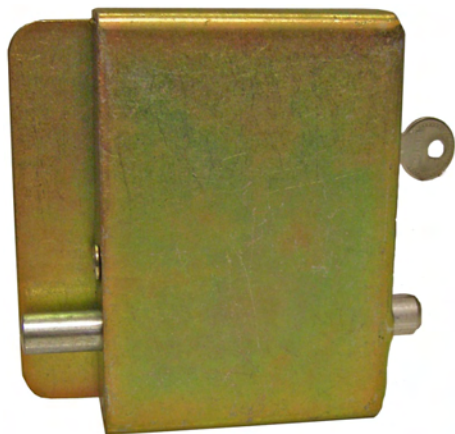
Janus 12



Janus 12

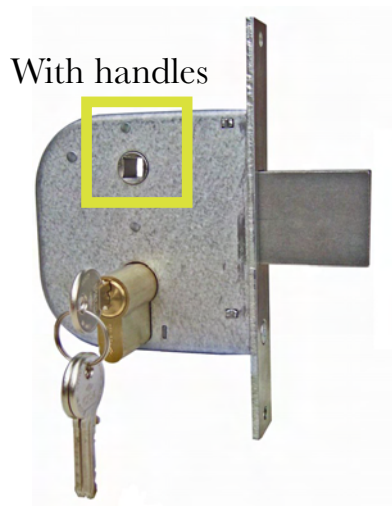


Janus 11



Designed specifically for metal security gates and grilles the Janus Locks, models 11 & 12, both offer convenient and economic solution for many applications. Either lock is simply welded into position prior to painting or galvanising - no expensive lock box is required. Locking is effected by depressing the outer button which pushes the hardened steel pin into position; unlocking is by key only. Locks can be supplied “keyed alike” for multiple installations but master keying is not available. These locks are not designed for high security applications.

Part No.	Price
Janus 12	
Janus 11	



**CISA1**



**CISA2**



**CISA3**

**Bolt Projection:**

Thrown : 48 mm  
Withdrawn : 35 mm  
Deadlocked : 60 mm  
Case Size : 95 mm

**Operation:**

- \* Bolt is withdrawn by handle from either side or by the key from either side using euro profile double cylinder.
- \* Bolt can be thrown an extra 12 mm and deadlocked by a full turn of the key towards the forend.

**Features:**

- \* Spring loaded bolt can be cut to suit site requirements.
- \* Supplied with CISA 08510 euro profile double cylinder

**Bolt Projection:**

Locked : 48 mm / 60 mm  
Unlocked : 35 mm  
Case Size : 85 mm

**Operation:**

- \* Deadbolt is locked or unlocked by key from either side using euro profile double cylinder.
- \* Bolt can be thrown an extra 12 mm and deadlocked by a full turn of the key towards the forend.

**Features:**

- \* Bolt can be cut to suit site requirements.
- \* Supplied with CISA 08510 euro profile double cylinder

**Bolt Projection:**

Thrown : 48 mm  
Withdrawn : 35 mm  
Case Size : 58 mm

**Operation:**

- \* Bolt is withdrawn by key from either side using euro profile double cylinder.

**Features:**

- \* Spring loaded bolt can be cut to suit site requirements.
- \* Supplied with CISA 08510 euro profile double cylinder

**Applicable to all models above:**

Mechanism : Euro Cylinder  
Case Finish : Nickel Plated  
Forend Finish: Nickel Plated  
Keys supplied: 3



## DECORATIVE LAMP



**\*\*** Decorative lamps are available in kits. A kit consists of two sides, a lid, a base and four decorative corners. Parts do not come pre-assembled or painted.

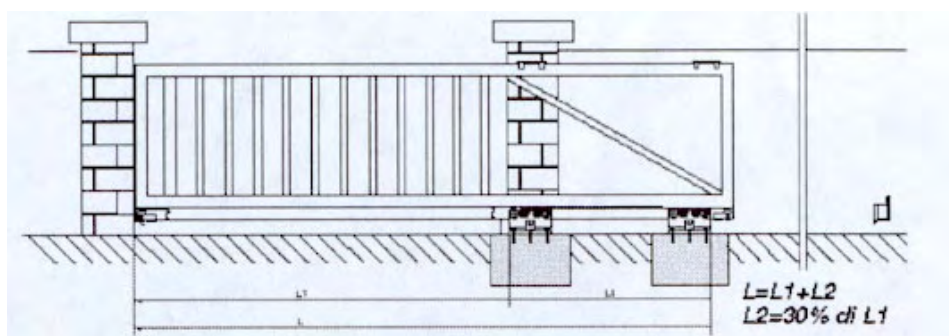
Part No.	Size	Price
DL 10	10" x 10" Top	
DL 14	14" x 14" Top	
DL 16	16" x 16" Top	



## Rolling Center Cantilever Systems The Ultimate Sliding Gate system



These systems are ideal for both residential and commercial sliding gates. Available in three sizes: Mini (for gate openings upto 4m/400kg), Medium (openings upto 6m/600kg), Magnum (openings upto 15m/1200kg).



Advantages over standard track and wheel systems:

- \* No track to lay in the ground.
- \* Reduces ground works
- \* Reduces labour cost
- \* Better for commercial applications where high volumes of heavy traffic exist
- \* No maintenance required - Fit and Forget!
- \* Aesthetically pleasing

†† Check the following page for individual components.

**1**



(1) Fixing Staves	Price (each)
Screw Type - Art No. 48	
Weld Type - Art No. 49	

**2**



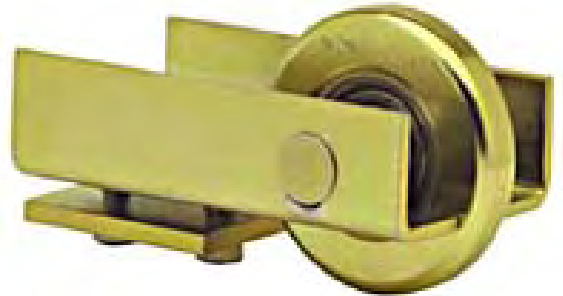
(2) Cantilever Track	Price (3 mt.)	Price (6 mt.)
Mini GIPI 4 RP		
Mini GIPI 4 RPZ		
Medium GIPI 4 RG		
Medium GIPI 4 RGZ		
Magnum GIPI 4 RM		
Magnum GIPI 4 RMZ		

**3**



(3) Meeting Point	Price (each)
Mini 50 B	
Medium 50 P	
Magnum 50 G	

**4**



(4) Guide Wheel for Track	Price (each)
Mini 41 B	
Medium 41 P	
Magnum 41 G	

**5**



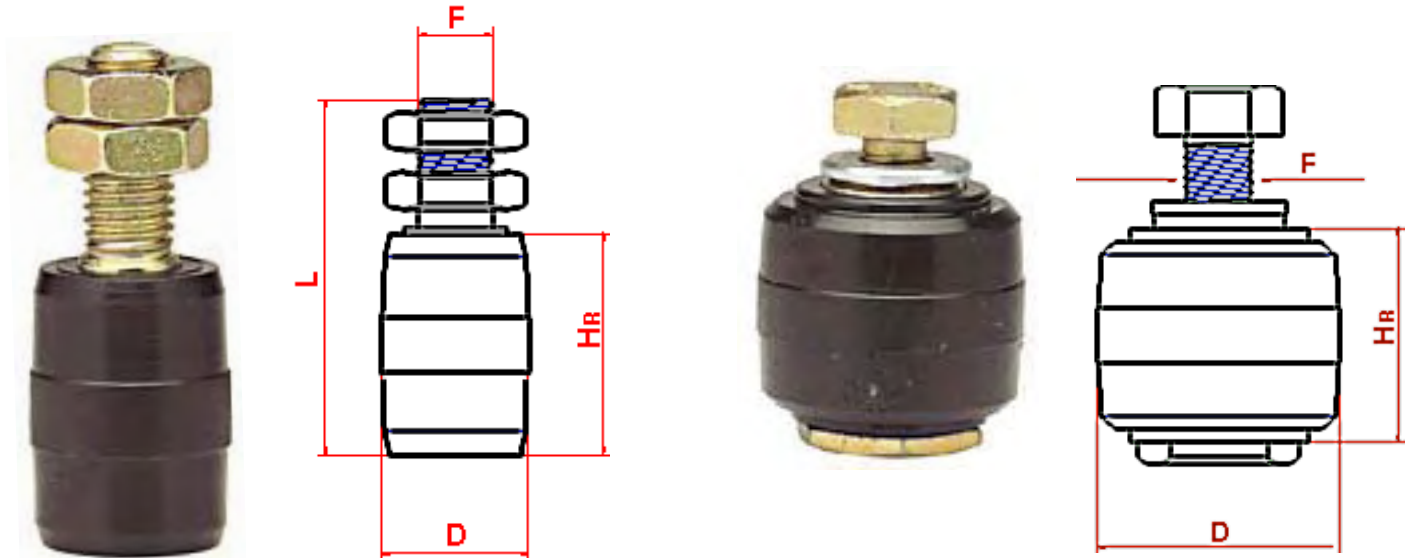
(5) Carriage Units (2 Required)	Price (each)
Mini CA4 RPS (upto 4m/400kg)	
Medium CA4 RS (upto 6m/600kg)	
Magnum CA4 RMS(upto 15m/1200kg)	

**6**



(6) Galvanised Steel Rack	Price (each)
1 Metre	

## Nylon Rollers



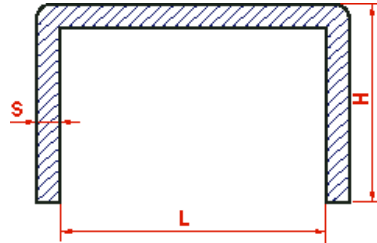
Article		D	HR	L	F	Price
Reference		Dia	mm		Uni	
CN 25	□P 25 40 C0	25	40	73	M 14	
CN 28	□P 28 40 C0	28	40	73	M 14	
CN 30	□P 30 40 C0	30	40	73	M 14	
CN 32	□P 32 40 C0	32	40	73	M 14	
CN 40	□P 40 60 C0	40	60	96	M 20	
CN 42	□p 42 60 C0	42	60	96	M 20	
BN 36	□ P 36 32 B0	36	32	-	M 10 x 20	

## Rubber Stoppers



Article		D	F	L	Price
Reference		Dia (mm)		(mm)	
TP 30	FP 25 40 C0	30	5	12.5	
TP 40	FP 28 40 C0	40	10	40	
TP 50	FP 30 40 C0	40	10	50	

===== | Special Guide for Sliding Gates and Doors | =====

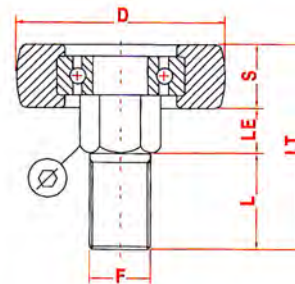



To be used with



Part No.	Dimension (mm)			Description	Max weight (kgs)	Price (each)
	L	S	H			
58/40 G	42	3	35	Galvanised	312	
58/40 Z	42	3	35	Zinc Finish	312	
58/48 G	50	3	35	Galvanised	340	
58/48 Z	50	3	35	Zinc Finish	340	
58/60 G	62	3	35	Galvanised	370	
58/60 Z	62	3	35	Zinc Finish	370	
58/65 G	67	3	40	Galvanised	420	
58/65 Z	67	3	40	Zinc Finish	420	
58/70 G	72	3	40	Galvanised	438	
58/70 Z	72	3	40	Zinc Finish	438	
58/80 G	82	3	45	Galvanised	480	
58/80 Z	82	3	45	Zinc Finish	480	

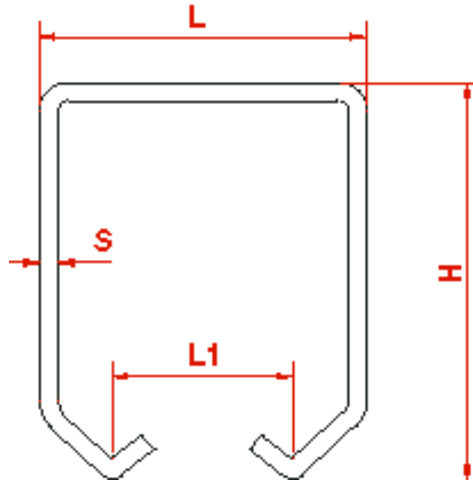
= = | Plain Nylon Wheels with Bearing & Threaded pin for Special Guides | = =



Part No.	Dimension						Price (Each)
	D	S	FXL		LE	LT	
	Ø	millimetres					
RNF 40	40	15	M 14 X 40	17	8	63	
RNF 48	48	15	M 14 X 40	17	8	63	
RNF 60	60	19	M 20 X 40	22	13	72	
RNF 65	65	19	M 20 X 40	22	13	72	
RNF 70	70	19	M 20 X 40	22	13	72	
RNF 80	80	23	M 20 X 40	22	10	73	



### Monorail for Carriages

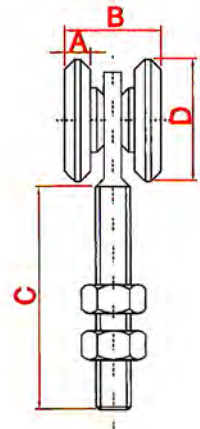
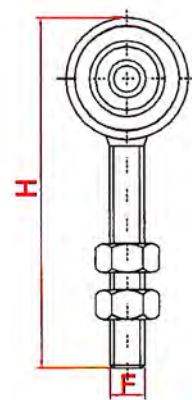
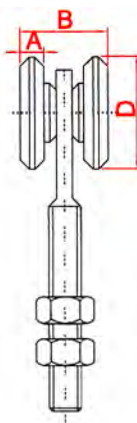
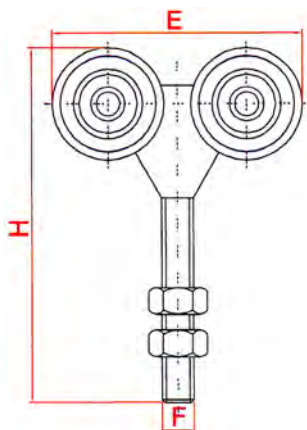


To be used with



Part No.	To be used with	Dimension (mm)				Description	Max weight (kgs)	Price (each)
		L	S	H	L1			
80 G	2 RC / 2 RC F	33	2	35	20	Galvanised	202	
80 Z	4 RC / 4 RC F 4 RC M.LUNA	33	2	35	20	Zinc Finish	202	
81 G	2 RB	42	2.5	56	24	Galvanised	379	
81 Z	4 RB / 4 RBP	42	2.5	56	24	Zinc Finish	379	
82 G	2 RA	56	3	71	30	Galvanised	584	
82 Z	4 RA	56	3	71	30	Zinc Finish	584	

### Small/Medium/Large Carriage with Pin for Monorail

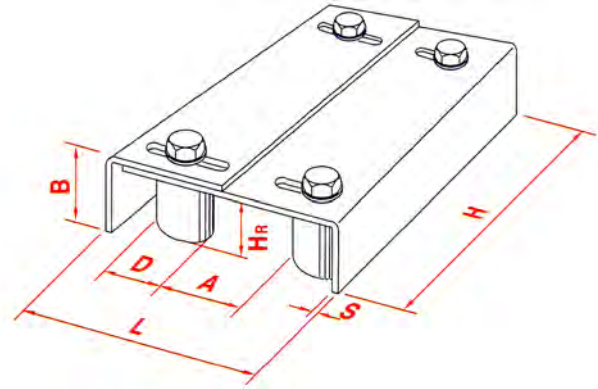
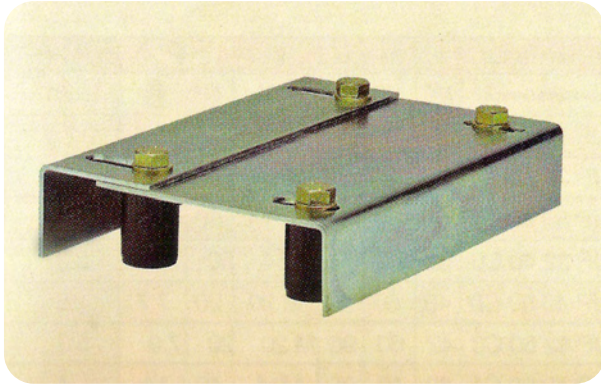


Part No.	Dimension						Max weight (kgs)	Price (each)
	D	A	B	F x L	H	E		
	Ø	millimetres						
4 RC F	24	6	25	M 8x35	61	52	110	
4 RB	45	9	33	M 12x60	115	92	180	
4 RA	55	11	41	M 20x77	150	115	200	

Part No.	Dimension					Max weight (kgs)	Price (each)
	D	A	B	F x L	H		
	Ø	millimetres					
2 RC F	24	6	25	M 8x35	62	40	
2 RB	45	9	33	M 12x60	108	150	
2 RA	55	11	41	M 20x77	150	170	

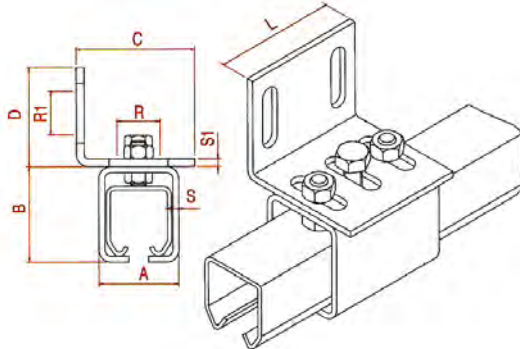
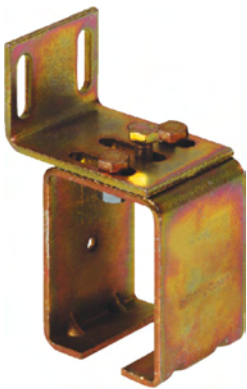


===== | Plate with Rollers, medium and large guide | =====

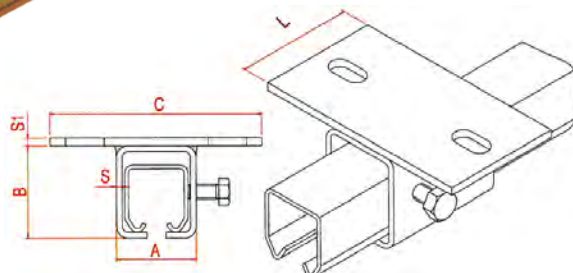
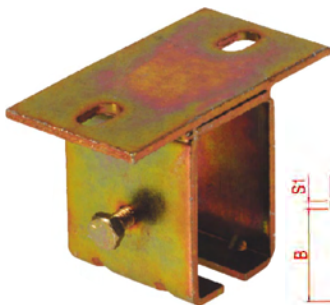


Part No.	Dimension							Price (Each)
	L	H	S	A min/max	B	D	HR	
	millimetres					Ø	mm	
4 RM	130 x 170	200	3	35/60	55	30	40	
4 RG	195 x 245	350	4	60/100	67	40	40	

===== | Standard Ceiling Support for Monorail Fixing and Adjustment | =====

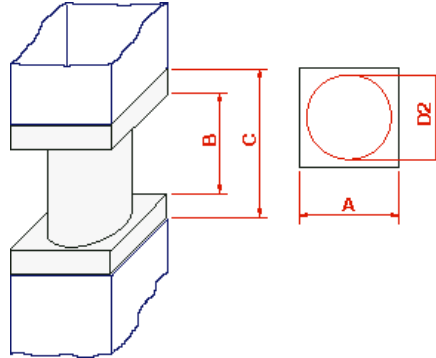


Part no.	Dimension (mm)								Price (each)
	A	B	C	D	L	S	S1	R/R1	
P 80	40.5	48	60	50	60	3	4	22	
P 81	51.5	71	70	50	60	4	4	22	
P 82	65.5	86	80	50	60	4	4	22	



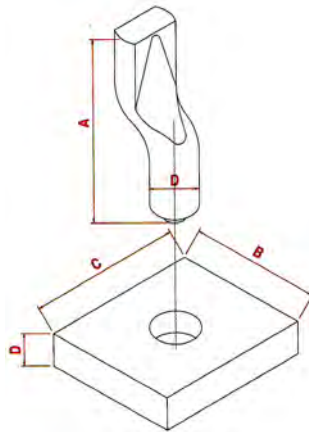
Part no.	Dimension (mm)							Price (each)
	A	B	C	D	L	S	S1	
S 80	40.5	48	110	50	60	3	4	
S 81	51.5	71	120	50	60	4	4	
S 82	65.5	86	130	50	60	4	4	

## Upright gate joint element



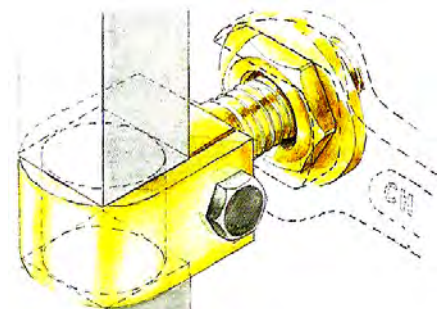
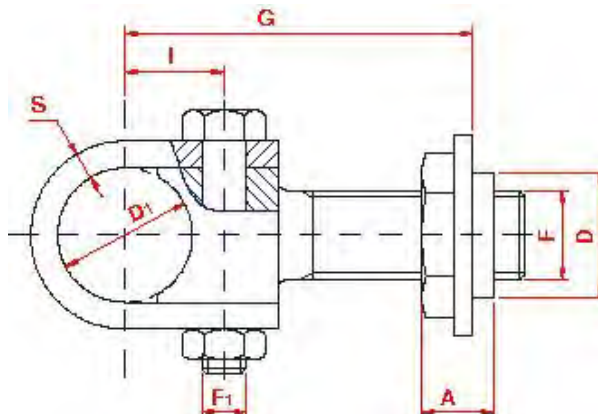
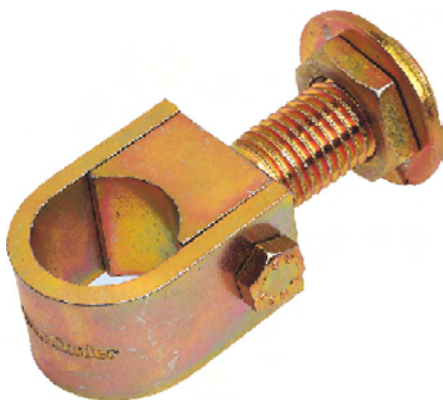
Part No.	Dimension				Price (Each)
	d2	A	B	C	
	Ø	milimetres			
T 30	28.5	35	35	55	
T 35	33.5	40	40	60	
T 40	38.5	50	45	65	

## Plate



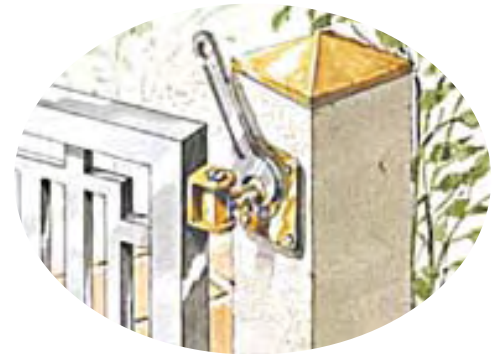
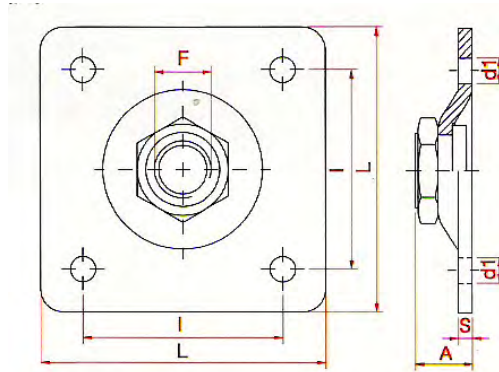
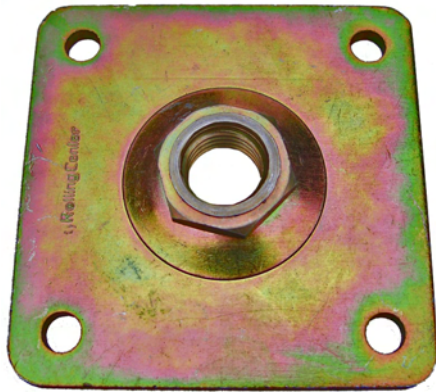
Part No.	Dimension					Price (Each)
	A	B	C	D	Ø	
	milimetres					
132 P	89	63	60	15	20	
132 G	96	60	60	20	24	

## Adjustable hinge to be welded



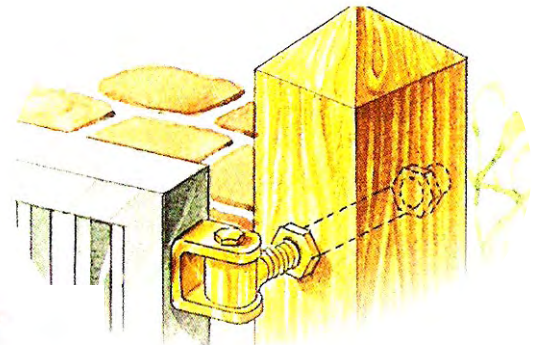
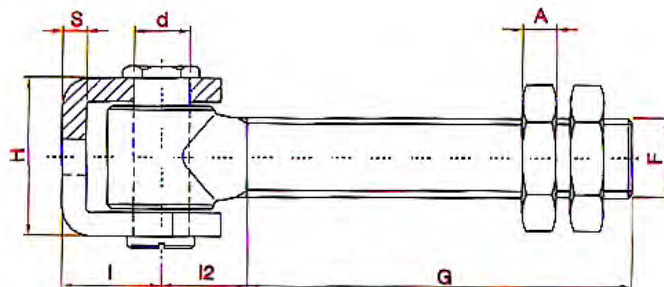
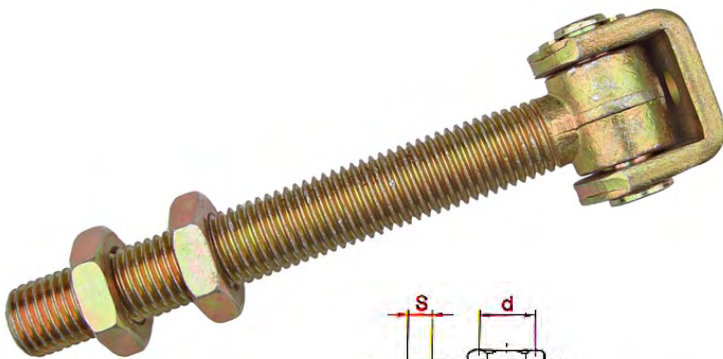
Part No.	Dimension								Price (Each)
	d	d2	F	F1	G	I	S	A	
	Ø		UNI		min/max	mm			
CR 30	28	30	M20	M10	50 - 78 mm	21	6	16	
CR 35	34	35	M24	M10	57 - 88 mm	26	6	19	
CR 40	43	40	M30	M12	70 - 110 mm	34	6	24	

## Adjustable Hinge Plate



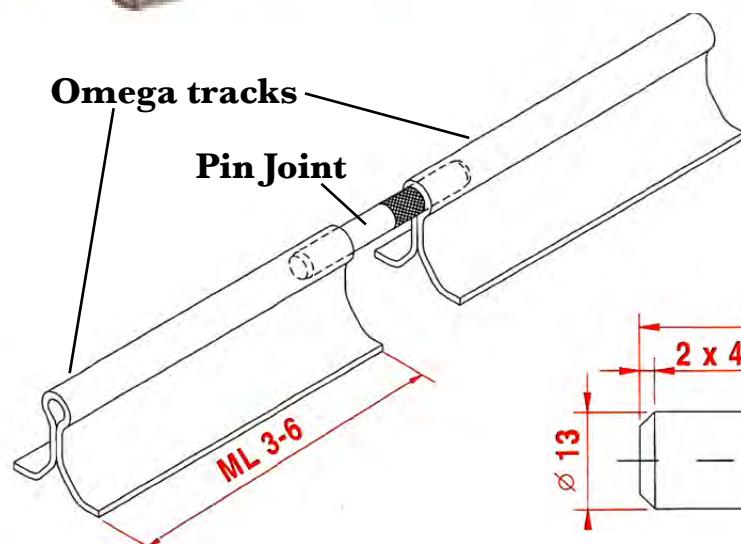
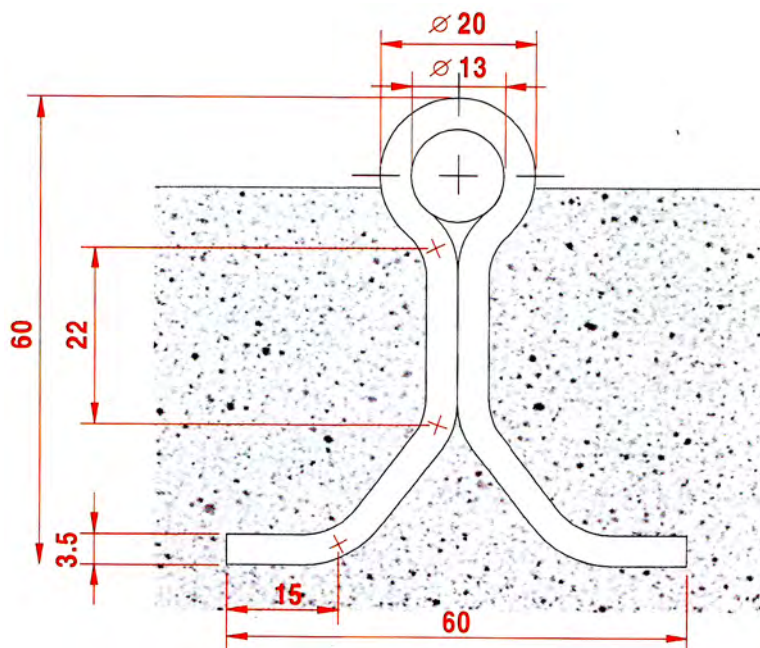
Part No.	Dimension						Price (Each)
	L	F	d1	S	A	I	
	□	Uni	Ø	milimetres			
PR 20	100	M20	9	5	20	70	
PR 24	120	M24	11	6	20	90	

## Hinge with longer bar

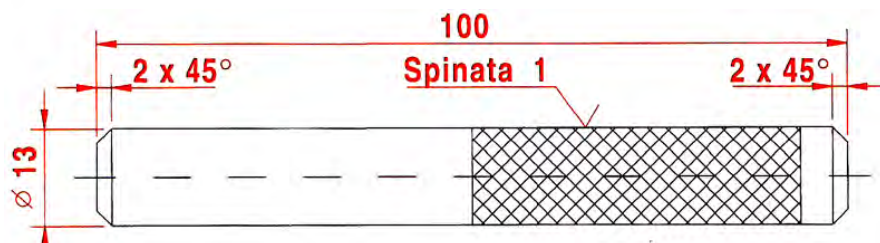


Part No.	Dimension								Price (Each)
	d	F	G	I	I2	H	S	A	
	Ø	UNI	milimetres						
CL 20	14	M20	145	24	20	39	5	8	
CL 24	17	M24	142	28	23	48	6	10	





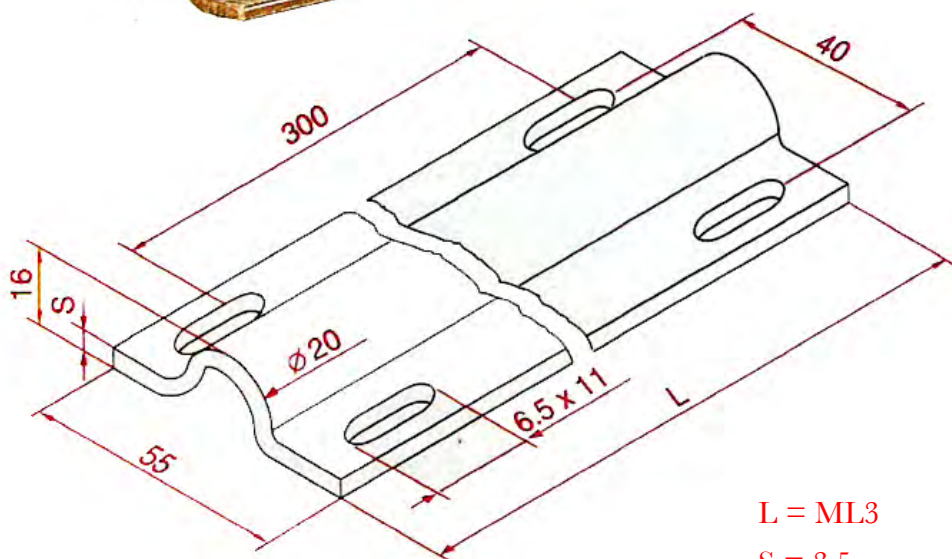
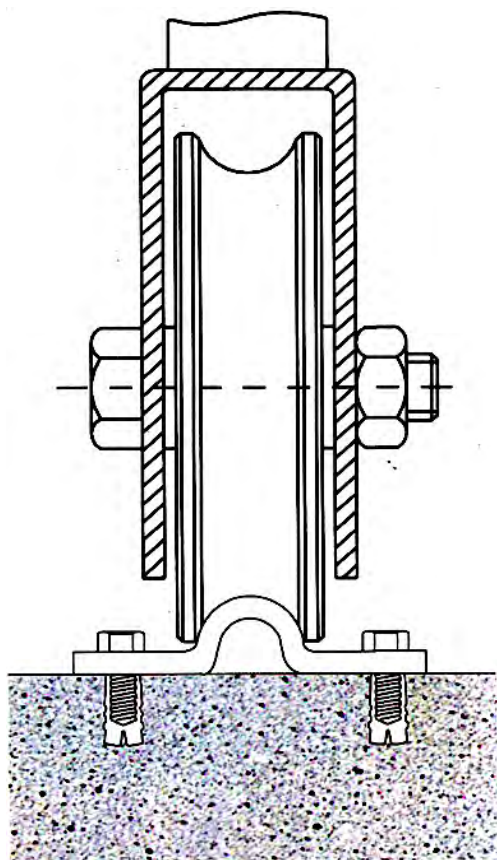
\*\* All measurements are in millimetres.



**The advantages of Omega:** Omega, the new track ready for use and easy to install according to the regulations laid down by the ( uni standards 8612 ) patented anti-derailment.

- 1 - Simpler and quicker installation.
- 2 - Elimination of the mechanical phase in the track construction.
- 3 - Elimination of scrap material and welding.
- 4 - Modular lengths as required, perfect and immediate coupling.
- 5- Exceptionally easy sliding in order to reduce friction to the minimum.
- 6- Ready-to-use, previously galvanized, one single model for all loads.
- 7- A high quality result at an extremely advantageous cost.

Part No.	Description	Max Load (Kgs)	Price (each)
OMEGA Z3	3-metre Omega guide track for sliding gates (Galvanized)	892	
PIN 53	Pin joint for Omega tracks	2	



L = ML3

S = 3.5

## Advantages of Floor:

Floor the fixing flooring guide for sliding doors and gates.

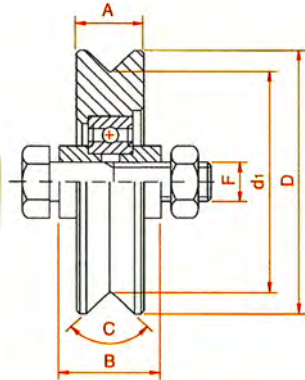
Floor, the new sliding guide for sliding doors and gates as well as for other different and special uses like for example the sliding partitions inside factories or storehouses previously galvanised in standard lengths of 6 metres ready for use where there is an existing flooring and where you want an easy to install track with normal dowels.

- \* Reduced Costs
- \* Reduce the stages of realisation.
- \* Assemblage directly in the yard
- \* Reduction of friction.
- \* Ready to use previously galvanised in standard lengths of 6 mts.
- \* A high strength
- \* Elimination of welding
- \* A highly esthetic aspect
- \* Reduction of transportation costs

Part No.	Description	Max Load (Kgs)	Price (each)
FLOOR Z3	3-metre FLOOR track to suit O Groove Wheels (Self Colour)	259	

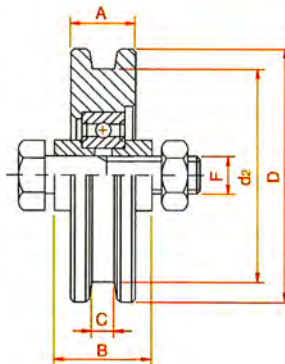


## ===== | Normal Wheel with One Bearing - V Groove | =====



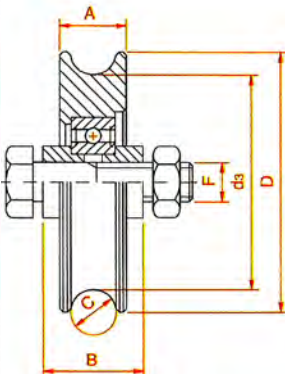
Part No.	Dimension							Price (Each)
	D	d1	A	B	C	F	L x H x S	
	Ø		mm		V	UNI	mm	
518 V	50	39	18	24	96°	M 10 x 45	50 x 30 x 3	
618 V	60	49	18	24	96°	M 10 x 45	60 x 30 x 3	
718 V	70	59	18	24	96°	M 10 x 45	60 x 30 x 3	
820 V	80	65	20	24	96°	M 12 x 50	80 x 30 x 3	
920 V	90	75	20	24	96°	M 12 x 50	80 x 40 x 3	
1020 V	100	85	20	34	96°	M 14 x 60	100 x 30 x 3	
1220 V	120	105	20	34	96°	M 14 x 60	120 x 40 x 3	
1420 V	140	125	20	34	96°	M 14 x 60	120 x 40 x 3	
1620 V	160	145	20	34	96°	M 14 x 60	140 x 40 x 3	
<b>INOX 820 VI</b>	<b>80</b>	<b>65</b>	<b>20</b>	<b>34</b>	<b>96°</b>	<b>M 14 x 70</b>	<b>80 x 40 x 3</b>	

## ===== | Normal Wheel with One Bearing - U Groove | =====



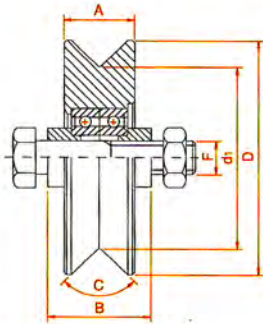
Part No.	Dimension							Price (Each)
	D	d2	A	B	C	F	L x H x S	
	Ø		mm		U	UNI	mm	
618 U	60	49	18	24	7	M 10 x 45	60 x 30 x 3	
718 U	70	59	18	24	7	M 10 x 45	60 x 30 x 3	
820 U	80	65	20	24	7	M 12 x 50	80 x 30 x 3	
920 U	90	75	20	24	7	M 12 x 50	80 x 40 x 3	
1020 U	100	85	20	34	7	M 14 x 60	100 x 40 x 3	
1220 U	120	105	20	34	7	M 14 x 60	120 x 40 x 3	
1420 U	140	125	20	34	7	M 14 x 60	120 x 40 x 3	
1620 U	160	145	20	34	7	M 14 x 60	140 x 40 x 3	

## ===== | Normal Wheel with One Bearing - O Groove | =====



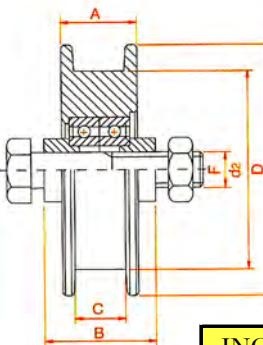
Part No.	Dimension							Price (Each)
	D	d3	A	B	C	F	L x H x S	
	Ø		mm		O	UNI	mm	
827 O	80	60	27	34	21	M 14 x 60	80 x 40 x 3	
1027 O	100	80	27	34	21	M 14 x 60	100 x 40 x 3	
1227 O	120	100	27	34	21	M 14 x 60	120 x 40 x 3	

## Normal Wheel with Two Bearings - V Groove



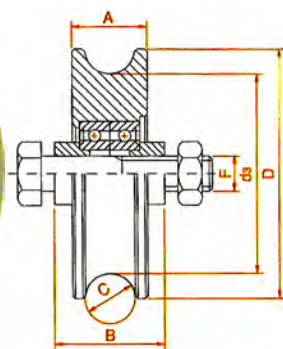
Part No.	Dimension							Max Weight (Kgs)	Price (Each)
	D	d1	A	B	C	F	L x H x S		
	Ø		mm		V	UNI	mm		
1030 V	100	80	30	44	96°	M 14 x 70	100 x 50 x 3	30	
1230 V	120	100	30	44	96°	M 14 x 70	120 x 50 x 3	350	
1430 V	140	120	30	44	96°	M 14 x 70	140 x 50 x 3	400	
1630 V	160	140	30	44	96°	M 14 x 70	160 x 50 x 3	440	
1830 V	180	160	30	44	96°	M 14 x 70	180 x 50 x 3	470	
2030 V	200	180	30	44	96°	M 14 x 70	200 x 50 x 3	500	
INOX 1230 VI	120	100	30	44	96°	M 14 x 70	120 x 50 x 3	350	
INOX 1630 VI	160	140	30	44	96°	M 14 x 70	160 x 50 x 3	440	

## Normal Wheel with Two Bearings - U Groove

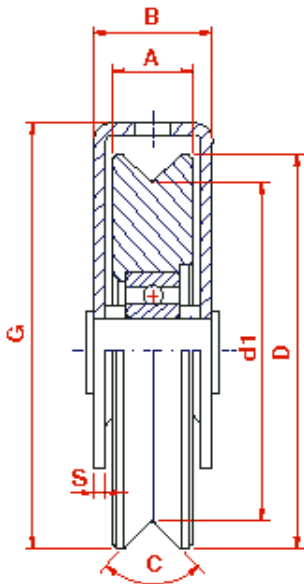




Part No.	Dimension							Max Weight (Kgs)	Price (Each)
	D	d2	A	B	C	F	L x H x S		
	Ø		mm		U	UNI	mm		
1030 U	100	80	30	44	21	M 14 X 70	100 x 50 x 3	300	
1230 U	120	100	30	44	21	M 14 X 70	120 x 50 x 3	350	
1430 U	140	120	30	44	21	M 14 X 70	140 x 50 x 3	400	
1630 U	160	140	30	44	21	M 14 X 70	160 x 50 x 3	440	
1830 U	180	160	30	44	21	M 14 X 70	180 x 50 x 3	470	
2030 U	200	180	30	44	21	M 14 X 70	200 x 50 x 3	500	
INOX 1230 UI	120	100	30	44	21	M 14 X 70	120 x 50 x 3	350	
INOX 1630 UI	160	140	30	44	21	M 14 X 70	160 x 50 x 3	440	

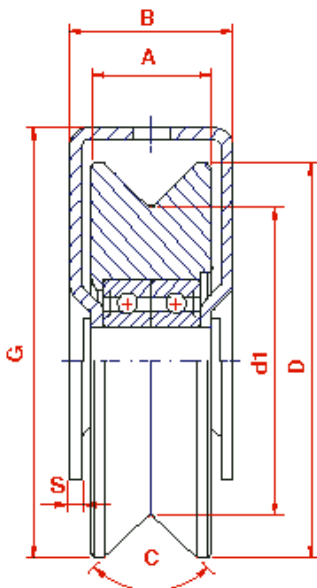
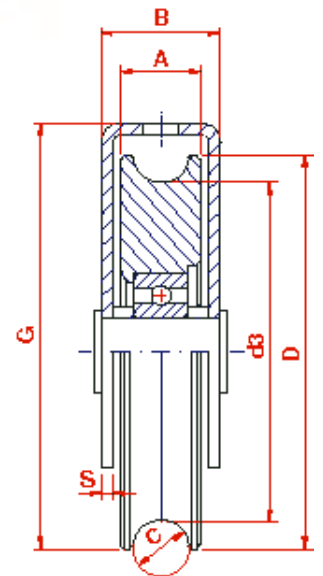
## Normal Wheel with Two Bearings - O Groove




Part No.	Dimension							Max Weight (Kgs)	Price (Each)
	D	d3	A	B	C	F	L x H x S		
	Ø		mm		O	UNI	mm		
830 O	80	60	30	44	21	M 14 X 70	80 x 50 x 3	250	
1030 O	100	80	30	44	21	M 14 X 70	100 x 50 x 3	300	
1230 O	120	100	30	44	21	M 14 X 70	120 x 50 x 3	350	
1430 O	140	120	30	44	21	M 14 X 70	140 x 50 x 3	400	
1630 O	160	140	30	44	21	M 14 X 70	160 x 50 x 3	440	
1830 O	180	160	30	44	21	M 14 X 70	180 x 50 x 3	470	
2030 O	200	180	30	44	21	M 14 X 70	200 x 50 x 3	500	
INOX 1230 OI	120	100	30	44	21	M 14 X 70	120 x 50 x 3	350	
INOX 1630 OI	160	140	30	44	21	M 14 X 70	160 x 50 x 3	440	




 <b>V GROOVE (One Bearing)</b>									
Part No.	Dimension							Max Weight (Kgs)	Price (Each)
	D	d1	A	B	C	G	S		
	Ø		mm		V	mm			
518 PCV	50	39	18	25	96°	57.5	2.5	60	
618 PCV	60	49	18	25	96°	62.5	2.5	80	
820 PCV	80	65	20	37	96°	82	3	140	
<b>U GROOVE (One Bearing)</b> 									
Part No.	Dimension							Max Weight (Kgs)	Price (Each)
	D	d3	A	B	C	G	S		
	Ø		mm		O	mm			
827 PCO	80	60	27	37	21	82	3	140	

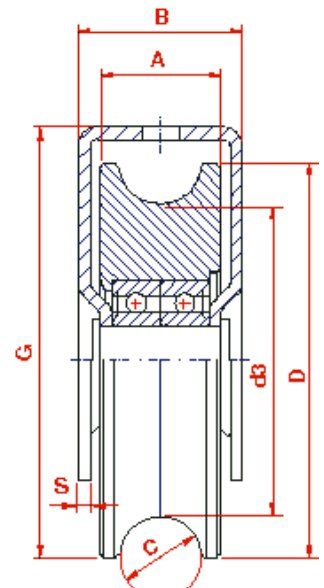




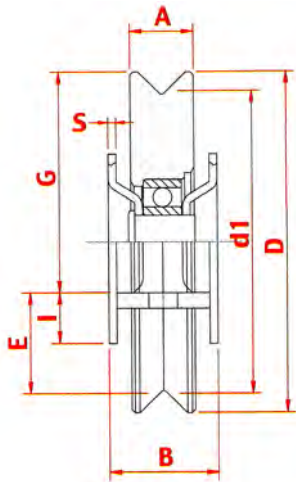
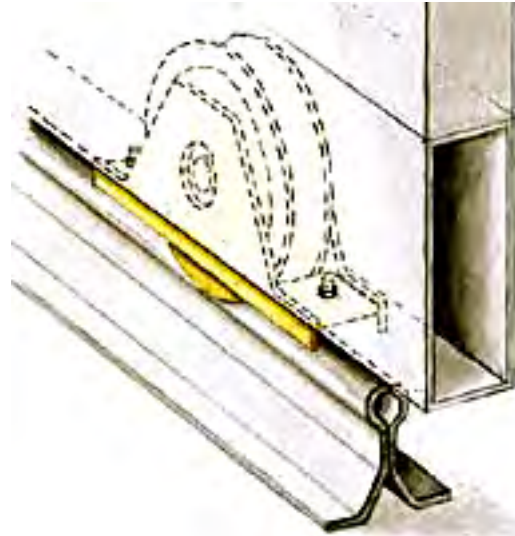
V GROOVE (Two Bearings)									
Part No.	Dimension							Max Weight (Kgs)	Price (Each)
	D	d1	A	B	C	G	S		
	Ø		mm		V	mm			
1030 PCV	100	80	30	38	96°	106	3	300	




U GROOVE (Two Bearings)									
Part No.	Dimension							Max Weight (Kgs)	Price (Each)
	D	d3	A	B	C	G	S		
	Ø		mm		V	mm			
1030 PCO	100	80	30	38	21	106	3	300	



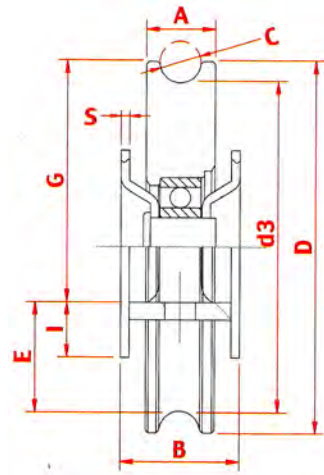







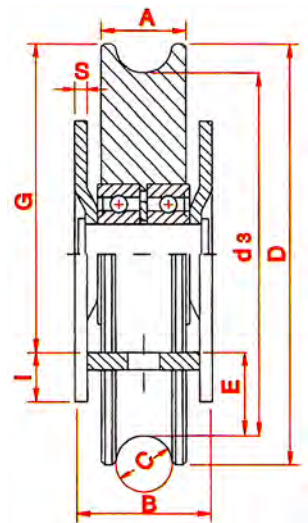
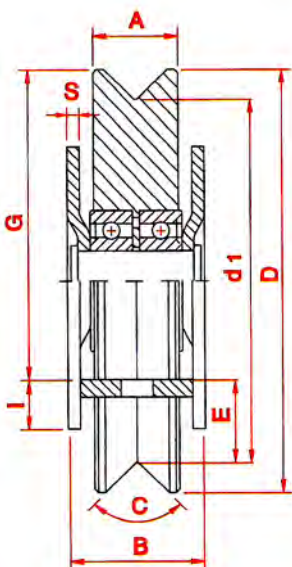
V GROOVE (One Bearing)											
Part No.	Dimension									Max Weight (Kgs)	Price (Each)
	D	d1	C	A	B	G	I	E	S		
	Ø		V	mm							
820 PSV	80	65	96°	27	34	59	11	17	2.5	150	
920 PSV	90	75	96°	27	34	64	11	22	2.5	170	
1020 PSV	100	85	96°	27	34	69	11	27	2.5	210	

O GROOVE (One Bearing)											
Part No.	Dimension									Max Weight (Kgs)	Price (Each)
	D	d3	C	A	B	G	I	E	S		
	Ø	O	mm								
827 PSO	80	65	21	27	34	59	11	17	2.5	150	
927 PSO	90	75	21	27	34	64	11	22	2.5	170	
1027 PSO	100	85	21	27	34	69	11	27	2.5	210	

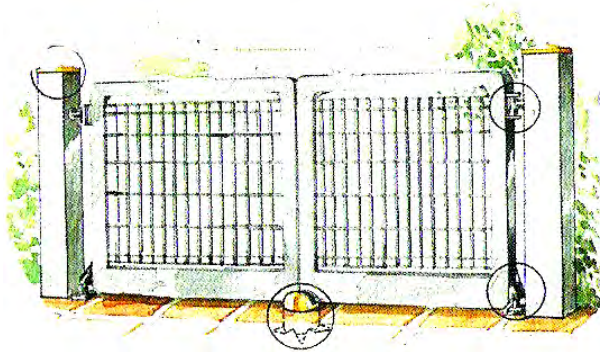
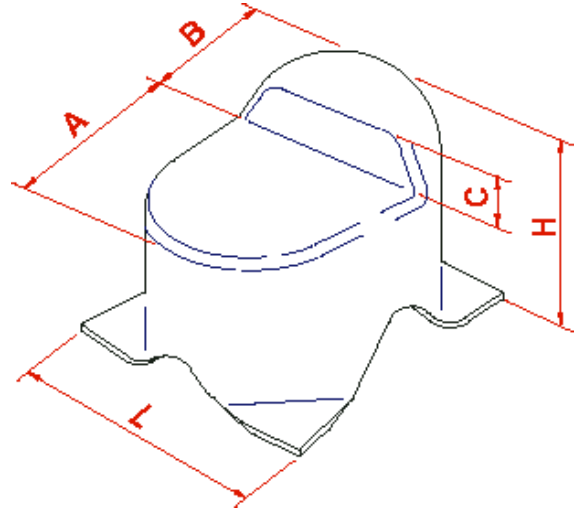


V GROOVE (Two Bearings)											
Part No.	Dimension									Max Weight (Kgs)	Price (Each)
	D	d1	C	A	B	G	I	E	S		
	Ø		V	mm							
822 PSV	80	65	96°	24	32	58	12	14	3	200	
922 PSV	90	75	96°	24	32	63	12	19	3	220	
1022 PSV	100	85	96°	24	32	68	12	24	3	260	
1224 PSV	120	102	96°	24	38	88	14	22	3	350	

O GROOVE (Two Bearings)											
Part No.	Dimension									Max Weight (Kgs)	Price (Each)
	D	d3	C	A	B	G	I	E	S		
	Ø	O	mm								
826 PSO	80	60	21	30	32	58	12	11	3	200	
926 PSO	90	70	21	26	32	63	12	16	3	220	
1026 PSO	100	80	21	26	32	68	12	21	3	260	
1227 PSO	120	100	21	27	38	88	14	21	3	350	



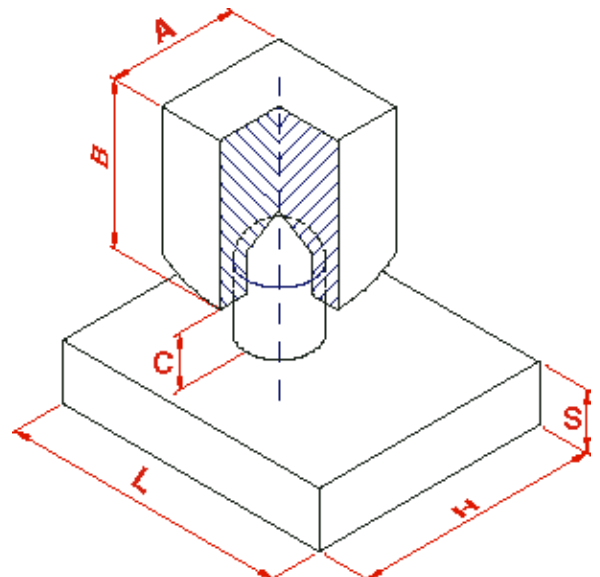
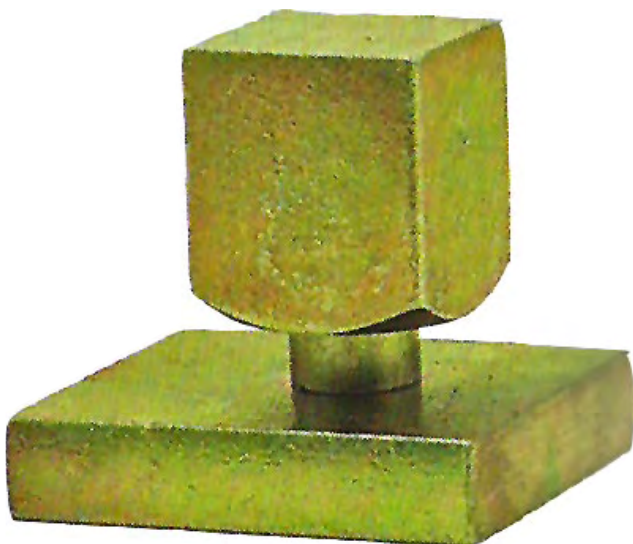
===== | Galvanised Gate Top with Two Leas | =====



Part No.	Dimension (millimetres)					Price (Each)
	L	H	A	B	C	
F 105	92	77	63	35	20	

===== | Lower Plate and Pin | =====

Part No.	Dimension (millimetres)				Price (Each)
	L x H x S	A	B	C	
P 35	70 x 60 x 15	35	40	11	
P 40	80 x 70 x 20	40	40	19	





## HI-BUILD PAINT

Hi-Build Vinyl is a rapid drying paint it can be applied to ferrous and non-ferrous, decorative and structural metalwork. The Hi-build paint has a very high resistance to corrosion and chipping. The paint is also a excellent base coat for hi-lighting your ironwork with one of our patina's. To thin the paint down we also stock industrial thinners which can be used on all of our paints except the Evagold which requires white spirits.

Colour	Order Code	Capacity	Our Reference	Price
Semi Matt Black	N/A	5 Litres	BP	
White	RAL 9010	5 Litres	BPW	
Moss Green	RAL 6005	5 Litres	BPG	
Hi-Build Vinyl Graphite Grey	N/A	5 Litres	BPGR	
Industrial Thinners	N/A	5 Litres	XT	
Enamel Black	N/A	5 Litres	EB	
Enamel Semi-Matt Black	N/A	5 Litres	SMB	
Grey (Zinc Phosphate)	N/A	5 Litres	HB420	
Moss Green	RAL 6005	1 Litre	BPG1	

## PATINA PAINT

Patina is the ideal paint to hi-light your ironwork by using the dry brush method. This paint allows you to create a brilliant antique appearance and gives your ironwork a great professional look.

Colour	Capacity	Our Reference	Price
Gold	375 ml	GP	
Copper	375 ml	CP	
Silver	375 ml	SP	

## OTHER PAINTS

Evagold gives you a pure gold effect for use on railheads, baskets and other components you want to highlight. Evagold also manages to keep its colour for much longer than other paints on the market. White spirits can be used to thin Evagold if required.

Zinc rich primer is a high quality quick drying anti-corrosive primer which contains zinc phosphate to prevent rusting, and can be used as an effective alternative to galvanising. Zinc rich primer is best applied by spraying, but small areas can be brushed on.

Colour	Capacity	Our Reference	Price
Gold	1 litre	EG	
Zinc	0.5 litre	ZRP	
Zinc	2.5 litres	ZRP1	



**MANOR**  
Coating Systems

All paints are supplied by Manor Coating Systems / Shipley Paint Ltd.  
Data Sheets are available if required.

For automating swing gates with leafs

**wingokit**

Handy  
connections  
compartment



Exclusive release,  
easy to use.



Case made  
entirely of  
painted  
aluminium



**Wingo, electromechanical  
gear motor 230Vac**

• **patented layout of  
internal components:**

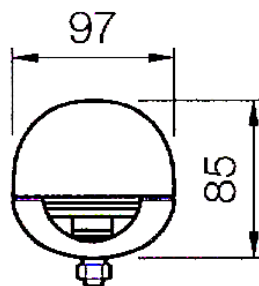
reduction in the number of  
moving parts for increased  
reliability and reduced noise

• **easy to install:**

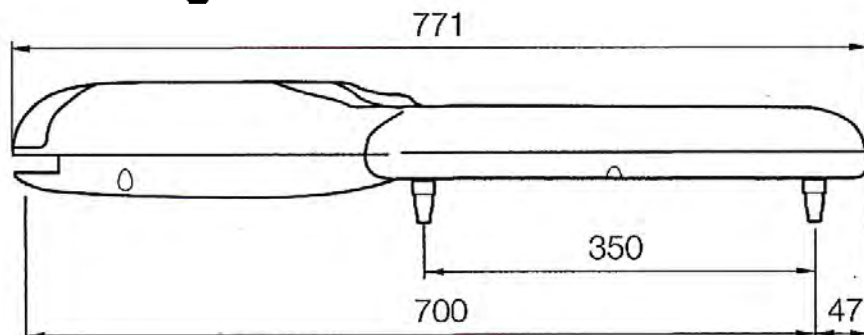
electrical connections from  
above after mounting the gear  
motor

• **built-in capacitor**

• **release command with  
personalised key** or  
standard lock (optional)

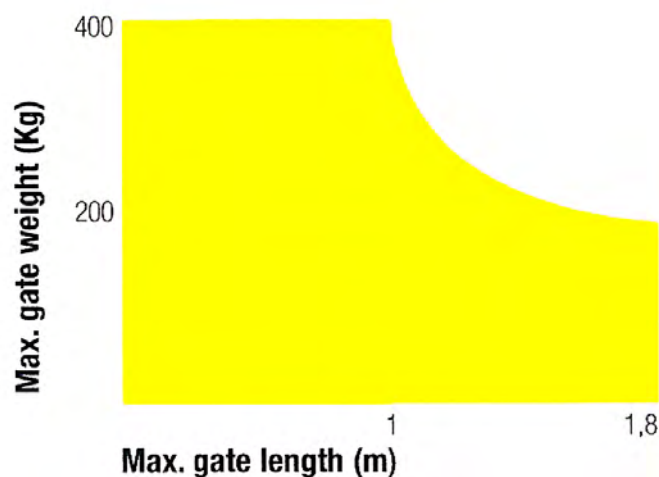


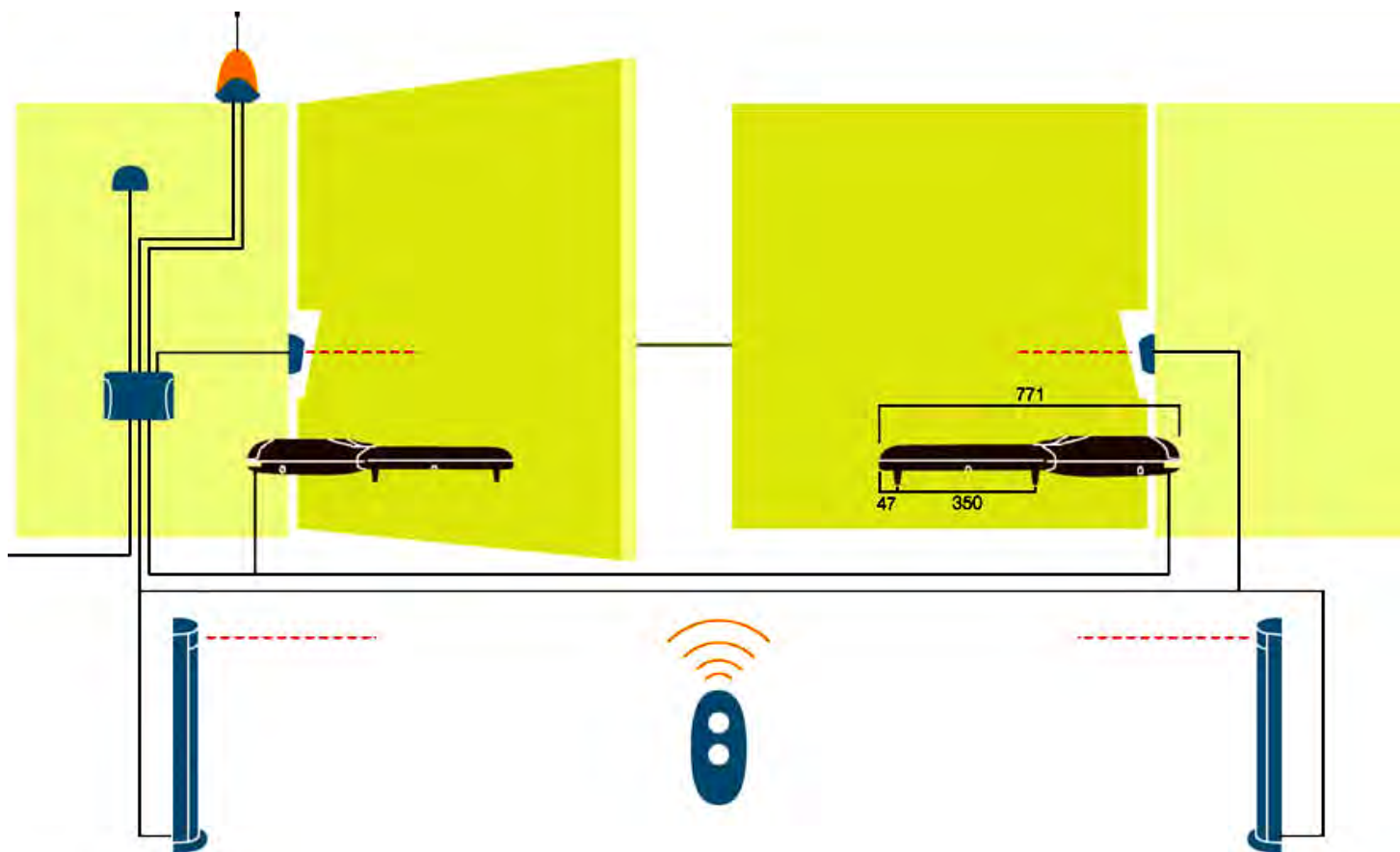
Dimensions:



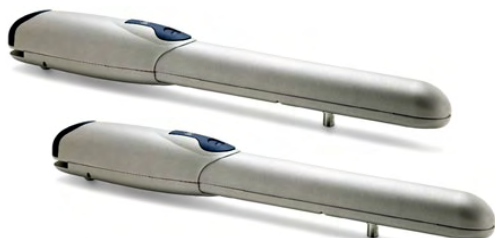
Gear Motor Technical Data	
	<b>WG4000</b>
Power input (Vac 50Hz)	230
Current absorbed (line) (A)	0.5
Absorbed power (W)	120
Incorporated Capacitator (µF)	5
Protection level (IP)	44
Speed (m/s)	0.016
Travel (mm)	325
Max. thrust (N)	1500
Operating temp. (°C Min/Max)	-20 / +50
Thermal protection (°C )	140
Work cycle (%)	30
Weight of Wingokit (kg)	17

Utilisation Limits:





### WingoKit for a pair of gates includes:



**2 x WG4000**

two surface-mounted electromechanical gear motors, with key release



**2 x BF**

One pair of surface mounted photocells



**1 x SMXI**

receiver up to 4 channels with 256-codes memory



**1 x A6F (for HY7005)**

240Vac Control unit for two motors with electric clutch, IP55 case



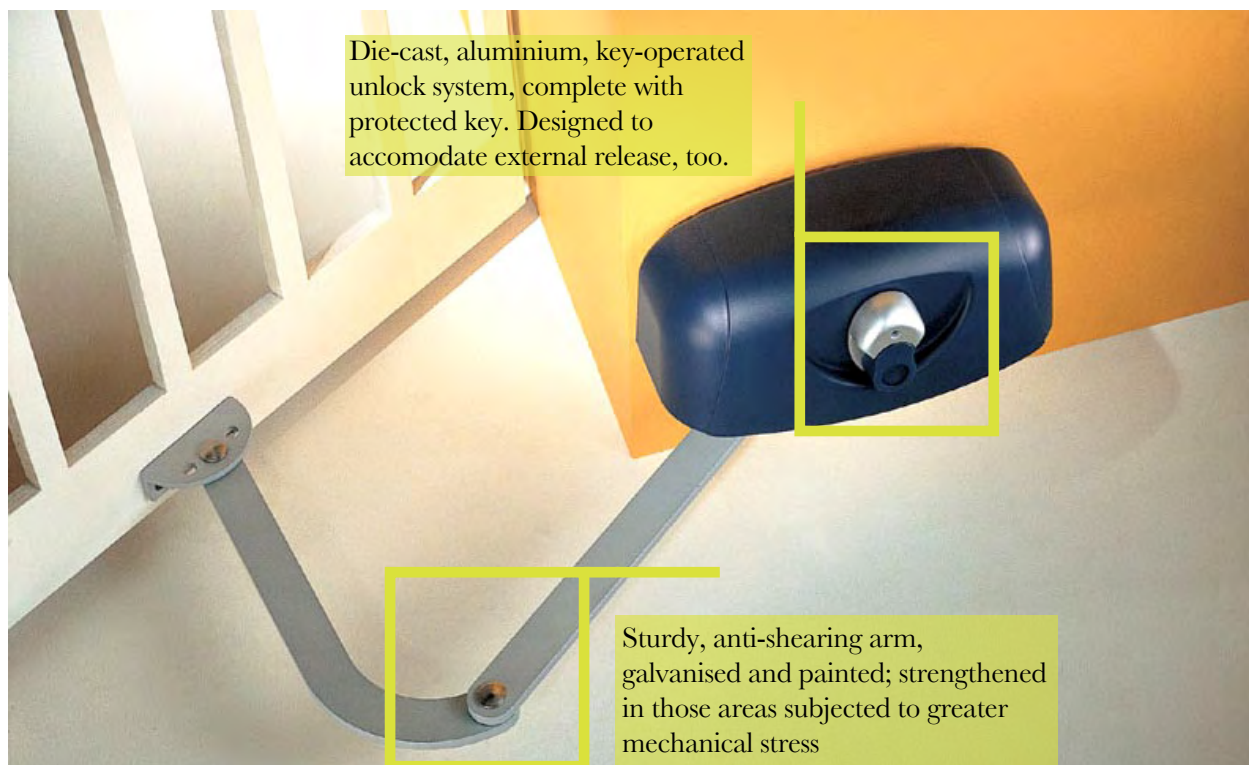
**1 x FLO2R-S**

one transmitter 433.92 MHz, 2 channels

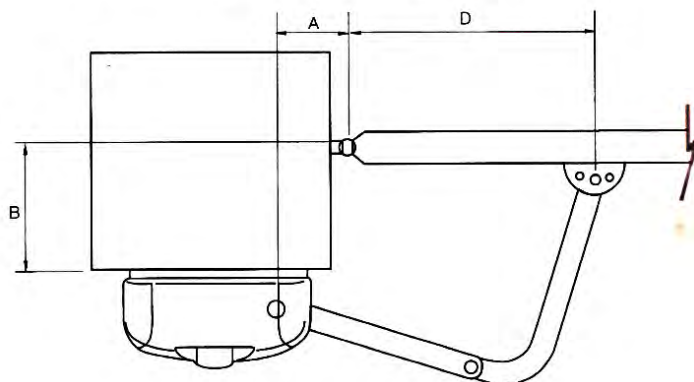
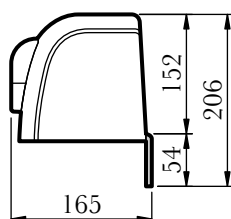
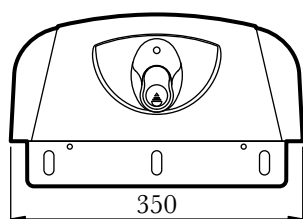
### Kit Price:

£





**Dimensions:**



Technical Specifications		HY7024	HY7005
Power	(Vac 50Hz)	-	230
	(Vdc)	24	-
Current Absorbed	(Line) (A)	5	1.2
Power absorbed	(W)	120	250
Incorporated capacitor	(µF)	-	10
Protection level	(IP)	44	
Torque	(Nm)	250	400
Speed	(Rpm)	2	1,7
Opening time	(s)	10	12
Working Temp.	(°C Min/Max)	-20 / +50	
Thermal cut-out	(°C)	-	140
Work Cycle	(%)	80	30
Dimension	(mm)	350 x 242 x 165	
Weight	(Kg)	13	

Hyppo 7005, electromechanical gear motor with articulated arm for swing gates. Surface mounted, also for gates with large pillars.

**Just one version for right and left hand gates**

- irreversible, 230V power
- double limit switch incorporated for opening and closing, pre-wired; fewer connections and quicker to install
- easy to install: no welding to the gate. Shockproof case, no sharp corners, compact size
- sturdy articulated arm, galvanised and painted, shear-proof
- Nice unlock device in cast aluminium with protected key. Possibility of unlocking also from the outside
- all metal mechanics



## All Kits Contain:



**2x Hyppo 7005 or 7024 Motor**  
Two irreversible electromechanical gear motors [either 240Vac or 24Vdc], for a pair of gates - with sturdy articulated arm.



**1 x Control Unit**  
Type A60, A6F or A824, depending on the motor included in the Kit.



**2 x BF**  
One pair of surface mounted photocells

## Accessories to go with specific kits:



**2 x FLO1**  
2 transmitters  
433.92 MHz  
1 channel



**2 x FLO1R-S**  
2 transmitters  
433.92 MHz  
1 channel



**FLOXIR**  
One channel receiver with BM250 memory

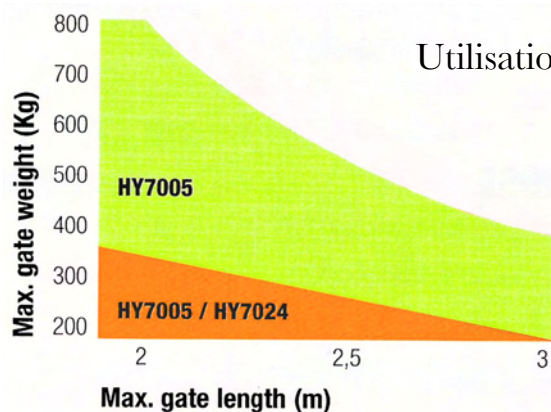


**FLOXI**  
One channel universal receiver



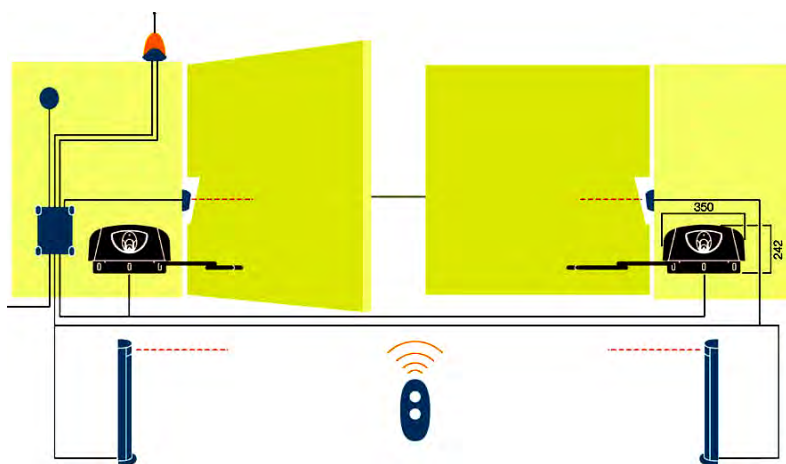
**1 x SMXI**  
receiver up to 4 channels with 256-codes memory

## Utilisation Limits:



	standard
A max	150
B max	350
D max	450

Installation Example:



## MOTOR DESCRIPTION

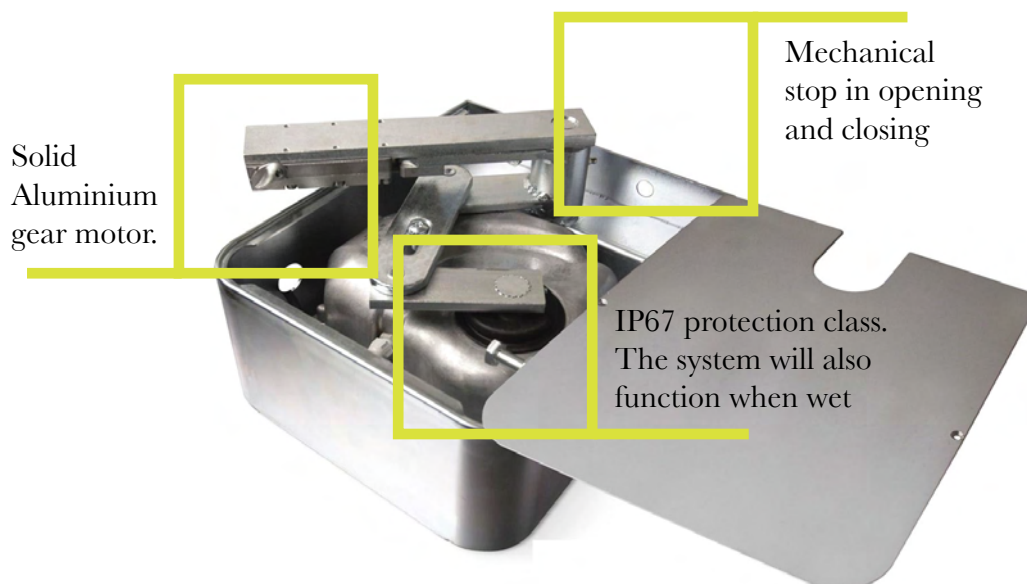
Motor	Description
HY 7005	Irreversible gear motor, 240Vac, with sturdy articulated shear-proof arm, galvanised & painted
HY 7024	Irreversible gear motor, 24Vdc, with sturdy articulated shear-proof arm, galvanised & painted

Kit Code	Description	Kit-specific Accessories	Motor Type	Control Unit	Price
HyppoKit 1	240Vac Motor	1x <b>FLO1</b> + 1x <b>FLOXI</b>	HY7005	A6F	
HyppoKit 2	240Vac motor, Rolling code system	1x <b>FLO1R-S</b> + 1x <b>SMXI</b>	HY7005	A60	
HyppoKit 3	24Vdc Motor	1x <b>FLO1</b> + 1x <b>FLOXI</b>	HY7024	A824	
HyppoKit 4	24Vdc motor, Rolling code system	1x <b>FLO1R-S</b> + 1x <b>FLOXIR</b>	HY7024	A824	



  
**metro**

Metro, irreversible electromechanical gear motor for swing gates. Underground installation. Metroplus, 24Vdc with magnetic encoder.



Three versions with grease lubrication 230Vac (ME3000); with oil lubrication 230Vac (ME3010); MetroPlus 24Vdc with encoder for very frequent use up to 80% (ME3024).

- three models of compact foundation box with release device, in galvanised electrolytic steel (MEC), hot galvanised steel (MEC1), AISI 304 stainless steel (MEC1), all complete with lever and rotation pin.
- competitively priced foundation box, without release device, in hot galvanised steel (MECO)
- very long-lasting: internal parts in metal and bronze alloy
- extremely silent
- easy to use: metal key release device from inside and outside
- standard opening at 110°, or at 360°(optional accessory)
- new mechanical stopping system in closing, patented
- slowing down during opening and closing manoeuvres with lever transmission



	ME 3010	ME 3024
Power Input (Vac 50Hz)	230	-
Power Input (Vdc)	-	24
Current absorbed (line) (A)	1.2	5
Absorbed power (W)	250	120
Condenser (µF)	10	-
Protection level (IP)	67	67
Torque (Nm)	300	250
Speed (m/s)	1.14	1.4
Operating Temp (°C min/max)	-20 / +50	-20 / +50
Thermal Protection (°C)	140	-
Work cycle (%)	40	80
Weight (kg)	11.5	11

### Intelligent version MetroPlus 24Vdc with encoder (ME3024):

- perfect for intensive use
- clutch with anti-crush safety feature
- single-key easy programming
- opening and closing limit switch memorisation
- programming pause time
- pedestrian gate function
- opening and closing acceleration and deceleration feature
- works without mains power using rechargeable batteries

## All Kits Contain:



### 2x MEC1 + 2ME30XX motors

Two foundation boxes in hot-galvanised steel, with key unlock system and mechanical stop in opening + Two irreversible gear motors [type 3000, 3010 or 3024]



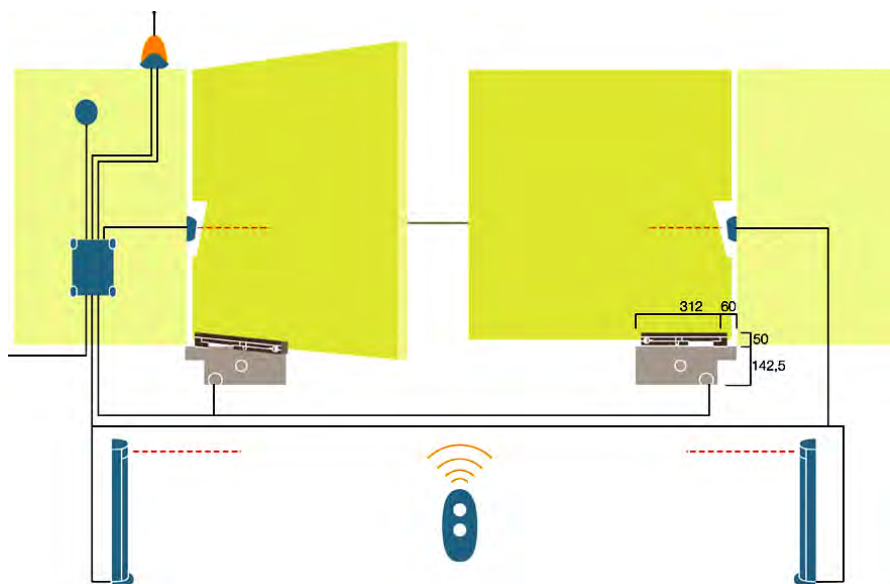
### 1 x Control Unit

Type A60, A6F or A824, depending on the motor included in the Kit.



### 2 x BF

One pair of surface mounted photocells



## Accessories to go with specific kits:



### 2 x FLO1R-S

2 transmitters  
433.92 MHz  
1 channel



### 1 x SMXI

receiver up to 4 channels with 256-codes memory



### 2 x FLO1

2 transmitters  
433.92 MHz  
1 channel



### FLOXI

One channel universal receiver



### FLOXIR

One channel receiver with BM250 memory

ME 3000 = irreversible electromechanical gear motors, 240 Vac, greased.

ME 3010 = irreversible electromechanical gear motors, 240 Vac, lubricated in an oil bath

ME 3024 = irreversible electromechanical gear motors, 24Vdc, with magnetic encoder, complete with connecting lever and mechanical stop for the closing manoeuvre

Kit Code	Description	Kit-specific Accessories	Motor Type	Controller	Price
MetroKit 1	240Vac with greased motor	1x <b>FLO1</b> + 1x <b>FLOXI</b>	ME3000	A6F	
MetroKit 2	240Vac with greased motor, rolling code control	1x <b>FLO1R-S</b> + 1x <b>SMXI</b>	ME3000	A60	
MetroKit 3	240Vac with oil-bath motor	1x <b>FLO1</b> + 1x <b>FLOXI</b>	ME3010	A6F	
MetroKit 4	240Vac with oil-bath motor, rolling code control	1x <b>FLO1R-S</b> + 1x <b>SMXI</b>	ME3010	A60	
MetroKit 5	24Vdc	1x <b>FLO1</b> + 1x <b>FLOXI</b>	ME3024	A824	
MetroKit 6	24Vdc, rolling code system	1x <b>FLO1R-S</b> + 1x <b>FLOXIR</b>	ME3024	A824	

For swing gates with leaves up to 1.8m, also with large posts and lightweight structures

**popkit**



**The Kit contains:**

**PP7024 + PP7224**

2 surface-mounted electromechanical gear motors, PP7024 (with built-in control unit), PP7224 (without control unit)

**Gear Motor Characteristics:**

- \* **sophisticated electronics:** slowdown, obstacle detection system, can be linked to the 8K2 resistive sensitive edge.
- \* **user-friendly:** release with personalised key designed.
- \* **sturdy, aluminium, anti-shearing arm**
- \* **always ready for use:** continues to work even during power failures using optional (PS124) batteries that fit inside the motor.

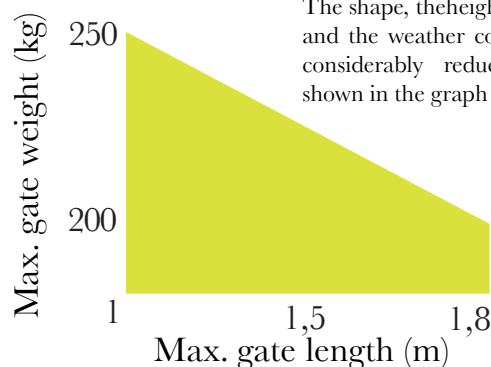
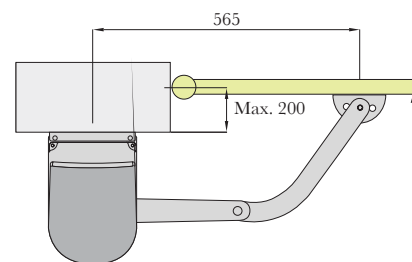
\* **exclusive functions:** photo-test. pedestrain gate, programmable input for functions such as open, close, photo2, open pedestrain and open partially.

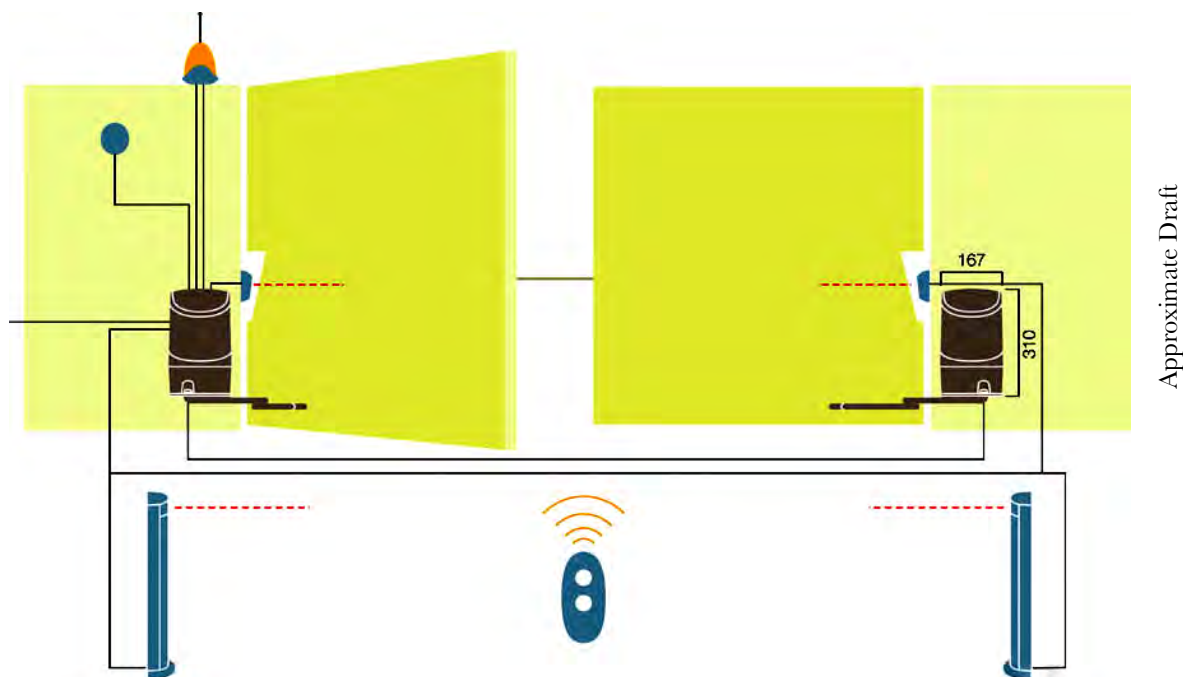
\* **extra-small, shockproof body with aluminium base**

Technical Specifications		PP7024	PP7224
Power	(Vac 50Hz)	230	-
	(Vdc)	-	24
Current Absorbed	(Line) (A)	~1	3
Power absorbed	(W)	75	
Insulation Class	(%)	1	B*
Protection level	(IP)	44	
Torque	(Nm)	180	
Speed	(Rpm)	1.26-1.68	
Opening time	(s)	10	
Working Temp.	(°C Min/Max)	-20 / +50	
Work Cycle	(%)	30	

\* version without control unit.

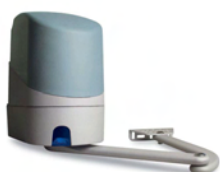
Utilisation limits





**PopKit24 for a pair of gates includes:**

(NB: The content of the package may vary. Please consult the retailer.)



**1 x PP7024**  
irreversible gear motor,  
24Vdc, with articulated  
arm, with incorporated  
control unit



**1 x PP7724**  
irreversible gear motor,  
24Vdc, with articulated  
arm, without control unit



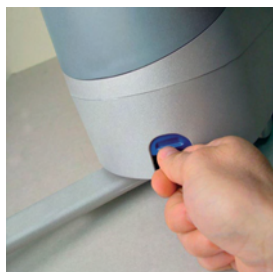
**1 x FLO2R-S**  
one transmitter  
433.92 MHz,  
2 channels



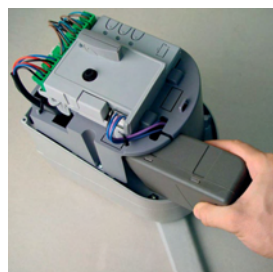
**1 x SMXI**  
receiver up to  
4 channels with  
256-codes memory



**1 x MOF**  
one pair of photocells  
for outdoor installation



Release device with  
personalized Nice key  
or standard lock  
(optional), designed  
for cord-operated  
release.



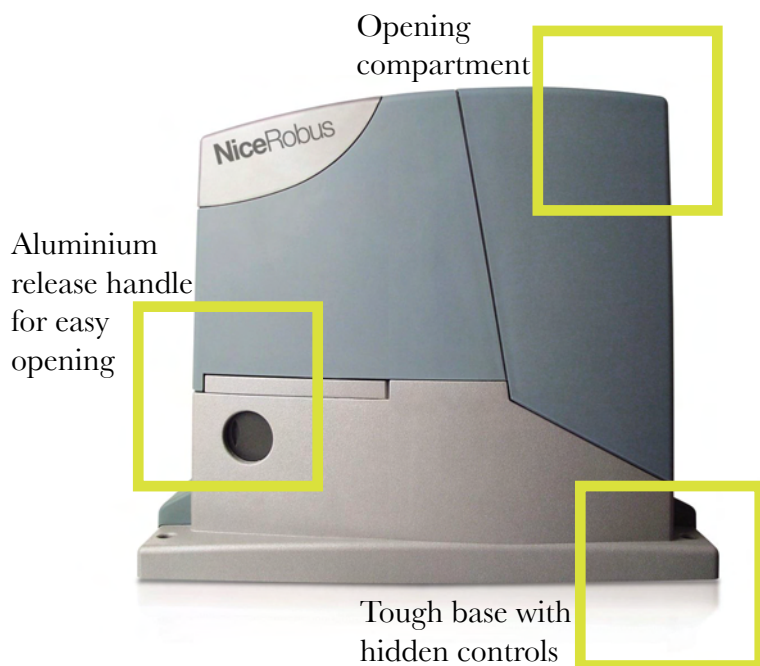
Continues to work  
during power failures  
using batteries (optional)  
that fit inside the motor.

**KIT PRICE:**

£







**For sliding gates up to 350Kg (Robus350), up to 600Kg (RB600) and up to 1000Kg (RB1000). Electro-mechanical gear motor complete with Nice BlueBUS technology,** making it possible to power and control a maximum of seven couples of photocells from the Moonbus series using two wires only.

**Versions with electro-mechanical limit switch (RB600 / RM1000) and with inductive limit switch (RB600p / RB1000)**

#### **Gear Motor Characteristics:**

**\* User-friendly:** the BlueBUS system enables users to connect the photocell couples (7 couples for the 600/1000 models) and control unit using just two wires.

**\* Practical:** the control unit and buffer battery (optional) can be connected by means of a simple connector and can be housed directly inside the motor.

**\* Advanced:** the speed, strength and pause can all be adjusted. **RB600 and RB1000** are equipped with a temperature sensor: adapt themotor power to the climatic conditions and at the same time thermal cut-out. A master/slave selection automatically syncs two motors. This means itis possible to automate 2 leaf sliding gates set opposite each other.

**\* Intelligent:** thanks to the obstacle detection system and automatic programming of the working times, Motor absorption is monitored during movement, self-diagnosis by means of a flashing light. The 600/1000 models have 8 programming levels

**\* Safe:** acceleration and deceleration can be adjusted at the beginning and end of each opening and closing manoeuvre.

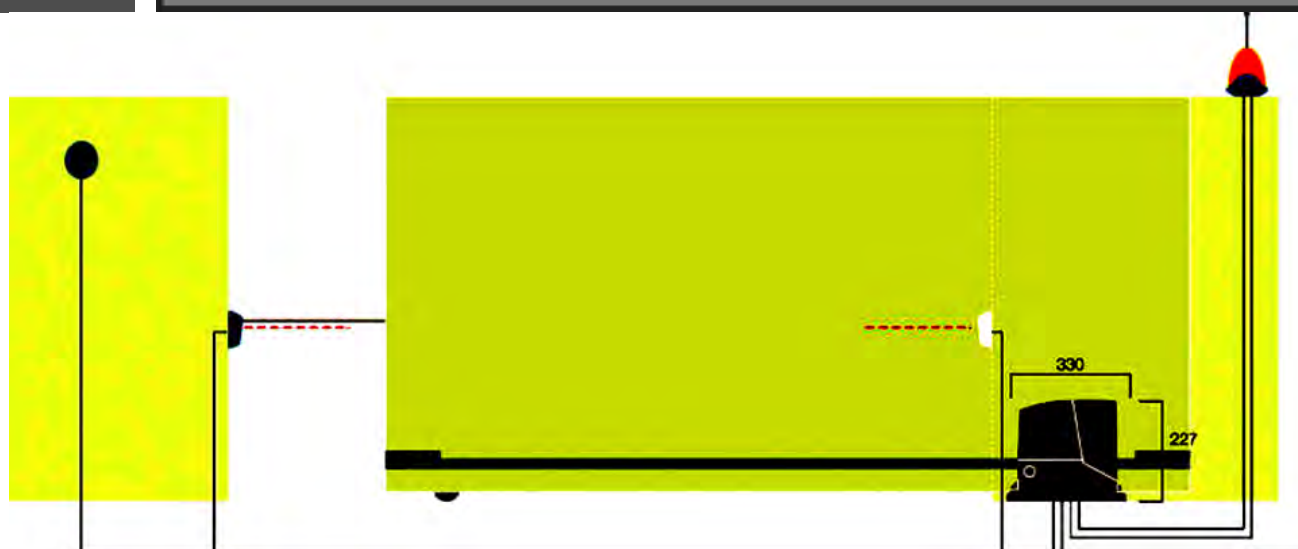
**\* Sturdy:** aluminium release handle for easy opening.

**\* Very quiet:** gear motor on bearings.

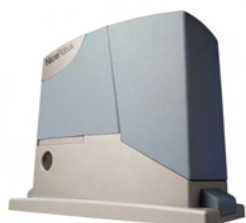
Technical Specifications	ROBUS350	RB600/600P	RB1000/1000P
Power (Vac 50/60Hz)	230		
Emergency Power Supply	PS124		
Max. powered absorbed (VA)	250	515	450
Protection Level (IP)	44		
Nominal Torque (Nm)	6	9	15
Max. Torque (Nm)	10	18	27
Speed* (m/s)	0.18 / 0.34	0.1 / 0.3	0.09 / 0.28
Max gate weight (kg)	350	600	1000
Working temp. (°C Min/Max)	-20 / +50		
Insulation class	1		
Work Cycle* (cycles/day)	50	40	70
Weight (kg)	12	11	13

**robuskite**





Approximate Draft



**1 x ROBUS Motor**  
irreversible electromechanical gear motor, with incorporated control unit. Choice of selection between Robus350, R600(/P) and R1000(/P) motors



**2 x MOFB**  
a couple of external photocells designed for connection via Nice BlueBUS



**2 x FLO1R-S**  
two transmitters 433.92 MHz, 2 channels



**1 x SMXI**  
receiver up to 4 channels with 256-codes memory



\* With Nice's revolutionary BlueBUS system far fewer connections are required, which means incredible time savings: just two wires, which carry both the communication signals and the power supply!




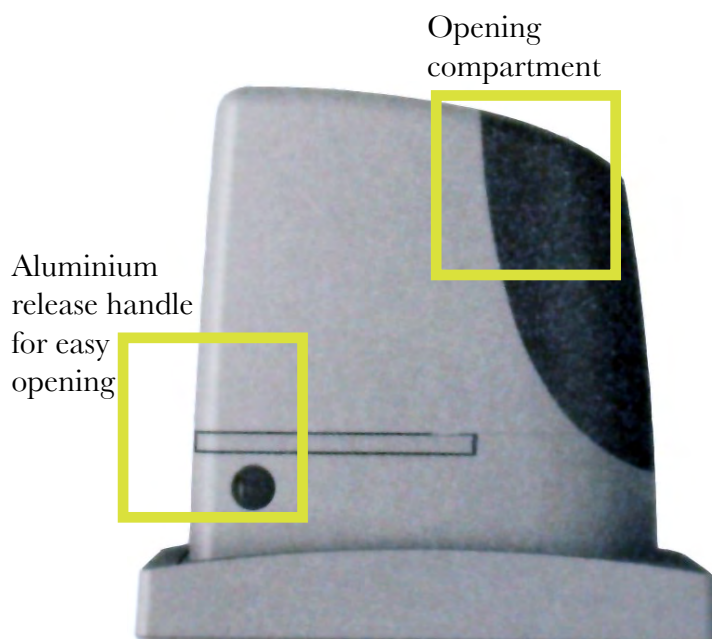
\* Compartment for the pull-out control unit, protected by casing, and for buffer batteries.



\* Aluminium release handle. Easy to use.

Kit Code	Description	Motor Type	Price
RobusKit	With BlueBUS technology, for gates upto 350 Kgs.	ROBUS350	
RobusKit 1	With electromagnetic limit switch, for gates upto 600 Kgs.	R600	
RobusKit 2	With inductive limit switch, for gates upto 600 Kgs.	R600P	
RobusKit 3	With electromagnetic limit switch, for gates upto 1000 Kgs.	R1000	
RobusKit 4	With inductive limit switch, for gates upto 1000 Kgs.	R1000P	

  
**runkit**



**For sliding gates up to 1800Kg (RUN1800) and up to 2500Kg (RUN2500). Electro-mechanical gear motor with Nice BlueBUS technology.**

Ventilated motor with inductive limit switch (RUN1800P/ RUN2500P) or electromechanical limit switch (RUN1800/ RUN2500).

Suitable to operate in extreme conditions.

## Gear Motor Characteristics:

**\* User-friendly thanks to the BlueBUS system:** the BlueBUS system enables users to connect 15 control systems, the photocell couples and control unit using just two wires. Possibility to connect two flashing lights.

**\* Advanced:** powerful starting; strength and pause can all be adjusted.

**\* Temperature Sensor:** it adjusts the motor force according to weather conditions by regulating both the thermal protection and the self-ventilation intensity. A master/slave selection automatically synchronises two gates. This means it is possible to automate swings set opposite each other.

**\* Intelligent:** thanks to the obstacle detection system and automatic programming of the working times. Self-diagnosis by means of a flashing light. 8 programming levels.

**\* Practical:** built-in control unit, can be connected by means of a simple connector and can be housed directly inside the motor.

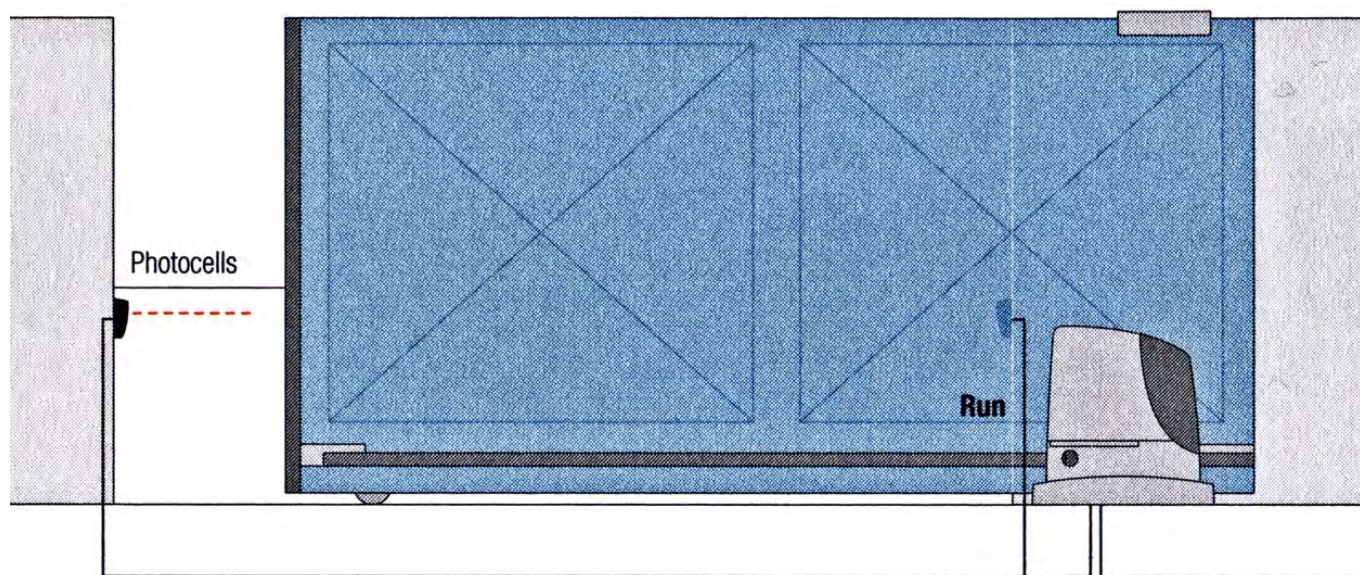
**\* Safe:** acceleration and deceleration can be adjusted at the beginning and end of each opening and closing manoeuvre.

**\* Very quiet:** gear motor on bearings.



Technical Specifications		RUN1800/1800P	RUN2500/2500P
Power	(Vac)	230	
Max. power absorbed	(VA)	700	1100
Current absorbed (line)	(A)	3	4.7
Protection level	(IP)	44	
Torque	(Nm)	40	50
Max. thrust	(N)	1100	1350
Max. torque	(Nm)	50	63
Speed	(m/min.)	9.3	
Max. gate weight	(kg)	1800	2500
Working temp.	(C°Min/Max)	-20 / +50	
Insulation Class		1	
Work cycle	(Manoeuvre/day)	200	300
Dimensions	(mm)	400 x 390 x 255	
Weight	(kg)	20	25





**1 x RUN Motor**

irreversible electromechanical gear motor, with incorporated control unit. Choice of selection between RUN1800(/P) and RUN2500(/P) motors, depending on the weight of the gate



**2 x MOFB**

two external photocells designed for connection via Nice BlueBUS



**2 x FLO1R-S**

two transmitters 433.92 MHz, 2 channels



**1 x SMXI**

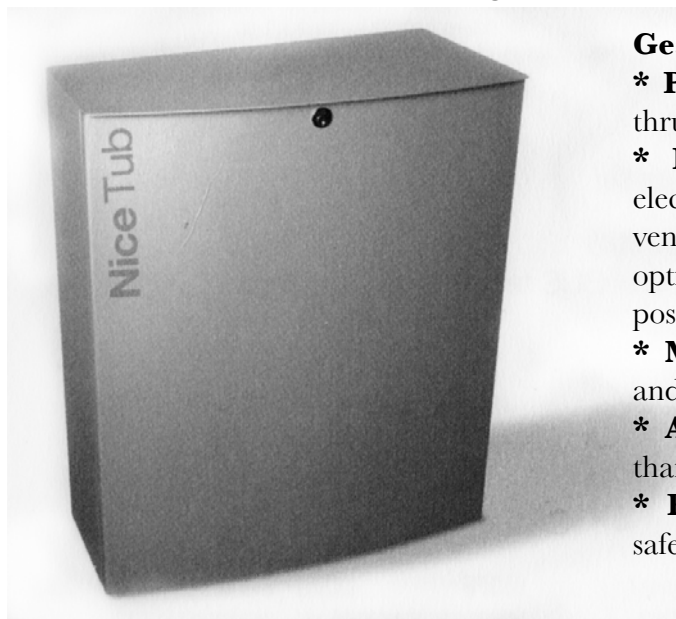
receiver up to 4 channels with 256-codes memory

Kit Code	Description	Motor Type	Price
RUNKit 1	With electromagnetic limit switch, for gates upto 1800 Kgs.	RUN1800	
RUNKit 2	With inductive limit switch, for gates upto 1800 Kgs.	RUN1800P	
RUNKit 3	With electromagnetic limit switch, for gates upto 2500 Kgs.	RUN2500	
RUNKit 4	With inductive limit switch, for gates upto 2500 Kgs.	RUN2500P	

**For sliding gates weighing up to 3500Kg. Ideal for industrial use.**

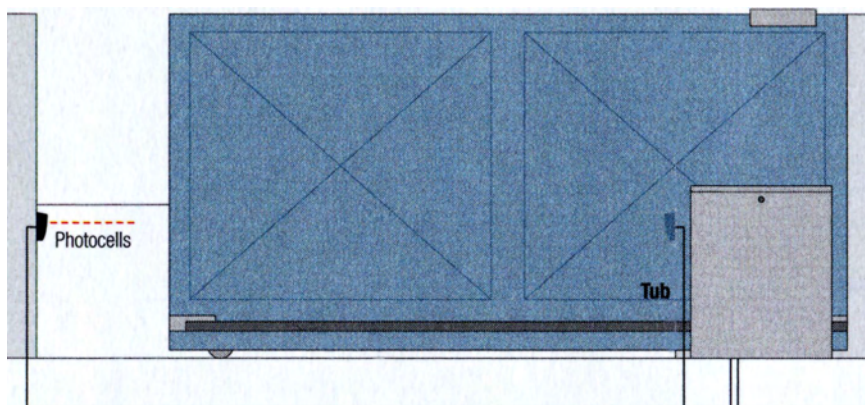
Irreversible electromechanical 380Vac gear motor with built-in Mindy A500 control unit.

tubkit



### Gear Motor Characteristics:

- \* **Powerful:** 550W absorbed output and a peak thrust of over 400Nm.
- \* **Functionality and safety:** programmable, electronic brake which prevents gate inertia; self-ventilated motor to increase the working cycles; optional PIU card to increase the basic functions; possibility of slowdown.
- \* **Maximum durability and silence:** bronze and metal gears.
- \* **Advanced:** any command can be dealt with, thanks to the Tub dip-switch selectable functions.
- \* **Practical:** this operation can be simply and safely performed, thanks to lever release.



Technical Specifications		TUB3500
Power	(Vac)	400
Power absorbed	(W)	550
Protection Level	(IP)	44
Nominal Torque	(Nm)	190
Speed*	(m/min)	10
Max gate weight	(kg)	3500
Working temp.	(°C Min/Max)	-20 / +50
Insulation class		1
Work Cycle*	(cycles/day)	200
Dimensions	(mm)	580x480x240
Weight	(kg)	60

## Common Kit Contents:



### 1 x TUB3500

irreversible electromechanical gear motor, with incorporated control unit and plug-in receiver SMXI and key-release



### 2 x BF

one pair of surface mounted photocells



### 2 x FLO1

2 transmitters  
433.92 MHz, 1 channel



### FLOXI

One channel  
universal  
receiver

Tubkit 1

£



### 2 x FLO1R-S

2 transmitters  
433.92 MHz, 1 channel



### FLOXIR

One channel  
receiver with  
BM250 memory

Tubkit 2

£





**4-Button Transmitter**  
[433 Mhz Rolling  
Code]



**2-Button Transmitter**  
[433 Mhz Rolling  
Code]



**Standalone  
Receiver**

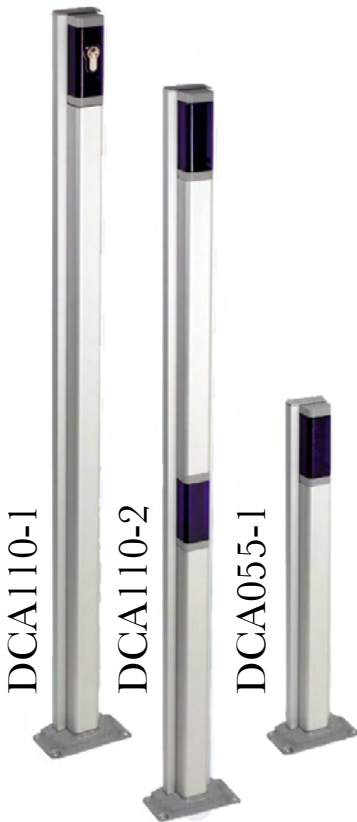
1 Channel  
2 Channel  
4 Channel



**Very Handy Little  
Relay**

2 Relays with C, N/O  
and N/C contacts

===== | POSTS | =====



Code	Price Per Pair
DCA 110-1	
DCA 110-2	
DCA 055-1	
DCA 200-1 Foundation Plates	
DGA 110-1	
DGA 110-2	
DGA 055-1	



# AUDIO ENTRY KITS & CORDLESS INTERCOMS



**IdealKit 5**



**Powercode Kit**



**Vandalcom Kit**



**Vandalcode Kit**

Product	Description	Price
IdealKit 5	1-Way 5-Wire Surface Mounted Kit (A8251) [1 handset inc.] Extra Handsets [A2402W]	
Powercode	1-Way Audio Kit, Illuminated Directory & Digital Keypad, 300 Codes, Surface or Flush mounted, 2 Relays	
Vandalcom	1-Way Audio Kit, Marine Grade Stainless Steel (A8220) Flush Mounted Surface Mounted [Requires A3159/1 Kit]	
Vandalcode	1-Way Audio Kit, Marine Grade Stainless Steel (A8230) Flush Mounted Surface Mounted [Requires A3159/2 Kit]	



**1-Way Cordless  
[D5601GB]**



**1-Way Cordless  
+ Digital Keycode  
[D5731GB]**



**2-Way Cordless  
[D5602GB]**



**2-Way Cordless  
+ Digital Keycode  
[D5732GB]**

Product	Description	Kit Components	Price
D5601GB Kit	1 Way Cordless Intercom	Single Button Call Station, 1x 3 Function Handset and Base [rechargeable], Controller + Ext Power, Metal Door Station Cover	
D5731GB Kit	1 Way Cordless Intercom + Digital Keycode	Single Button Call Station + Digital Keycode, 1x 3 Function Handset and Base [rechargeable], Controller + Ext Power, Metal Door Station Cover	
D5602GB Kit	2 Way Cordless Intercom	2 Button Call Station, 2x 3 Function Handset and Base [rechargeable], Controller + Ext Power, Metal Door Station Cover	
D5732GB Kit	2 Way Cordless Intercom + Digital Keycode	2 Button Call Station + Digital Keycode, 2x 3 Function Handset and Base [rechargeable], Controller + Ext Power, Metal Door Station Cover	

## VIDEX Systems - Door Entry Kits



Series 3000 AudioKit  
Model No. 3K-1S  
Price:



Digiphone Kit  
Model No. DK-1S  
Price:

Common features of both models:

- \* Wall mountable telephone (3000 Series Smart Line Model) with electronic call tone.
- \* Adjustable 3 level call tone volume (Low, medium and high)
- \* Outdoor station with built in relay for electric lock
- \* "3+1" system: 3 wires plus call wire to the handset
- \* Reduces the cable size required over long distances

Extra feature in model DK-1S:

- \* Combined audio door entry and code lock kit



Product I.D.: Videx-Handset

Price:

Replacement VIDEX handsets are now available for installation with the DK1S and 3K1S Intercom Systems. Please note that a maximum of four handsets can be installed simultaneously, with each entry system.



# CONTROL PANELS & LOOP DETECTORS

Control Panels for 2 x 22VAC Motors

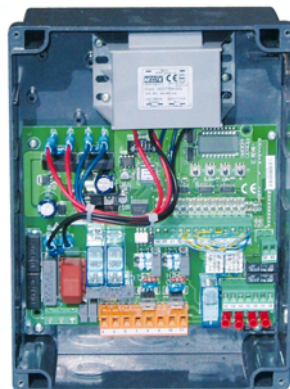
Control Panel for  
1 x 22VAC Motors



F3+ Control  
Panel £



F4+ Control  
Panel £



BA230 [EN12453]  
£

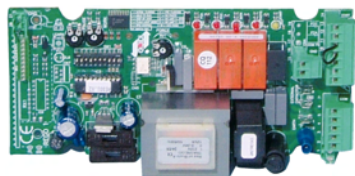


BA100  
£

Anti Crushing & Slowdown, Fully Programmable

## Control Panels for Sliding Gates

Anti Crushing & Slowdown [ EN12453 ]



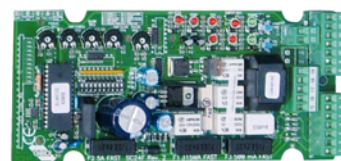
PASS Rego  
£



PASS Star  
£



SC 230  
£

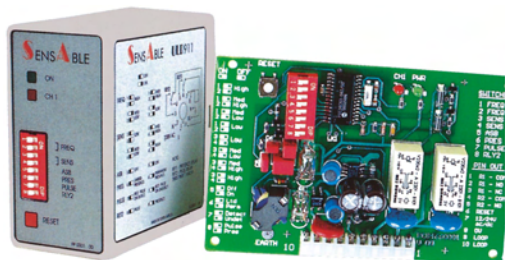


SC 24 - 24Vdc  
£

Battery Back up Kit - 24Vdc £

## Loop Detectors

ULD 910 Single Channel  
loop detectors



Boxed Type £  
PCB Type £

- \* Compact Housing
- \* Wide self-tuning range
- \* Strong loop field strength
- \* Sensitivity levels optimised for parking/vehicle access applications
- \* High interference immunity
- \* Selectable output configuration
- \* Permanent presence feature
- \* High level circuit protection

LOOP CABLE



100 metre drums £  
500 metre drums £



## LETTER BOXES



### Post Box

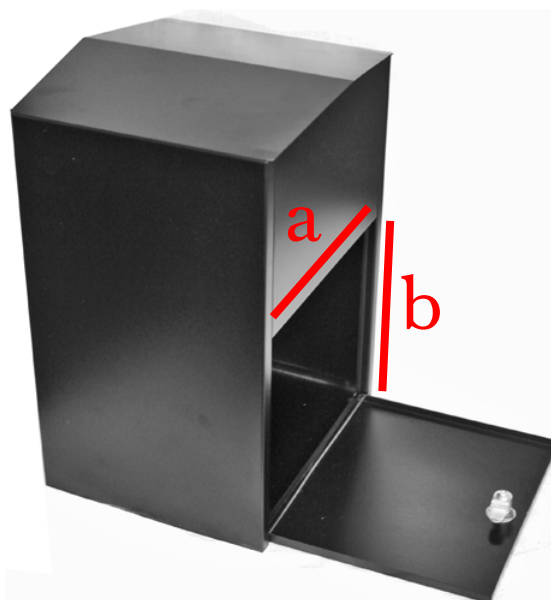
Colour : Black  
or Matte Grey  
Height = 465 mm  
Length = 298 mm  
Depth = 96 mm  
Price = £



### Post Box 1

Colour : Black  
or Matte Grey  
Height = 410 mm  
Length = 260 mm  
Depth = 90 mm  
Price = £

Rear opening for retrieval of post. Supplied with 2 keys.



### Post Box XL 1

Colour : Black  
Height = 400 mm  
Width = 280 mm  
Depth = 230 mm  
a = 200 mm  
b = 235 mm  
Price = £

# LETTER BOXES



Stainless  
Steel



This post box has cast aluminium front and back panels with a stainless steel casing.

## Post Box XL

Colour : Self-colour,  
Aluminium.

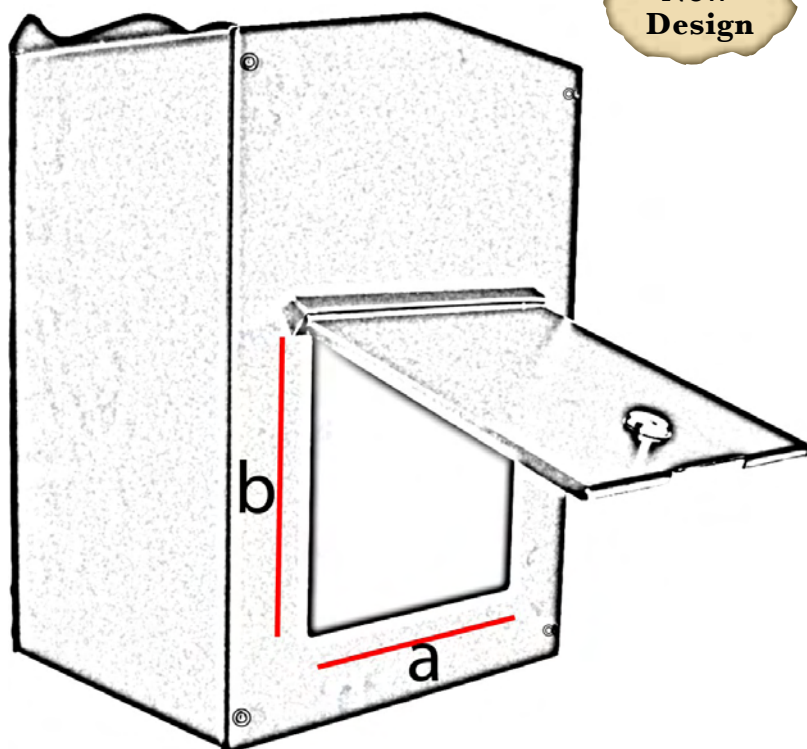
Height = 440 mm

Width = 300 mm

Depth = 255 mm

**a x b** = 180 sq. mm

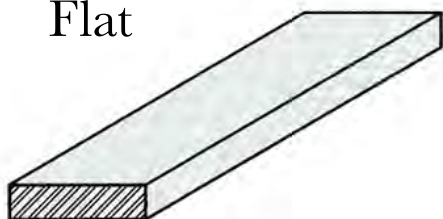
Front  
Opening = 230 x 55 mm



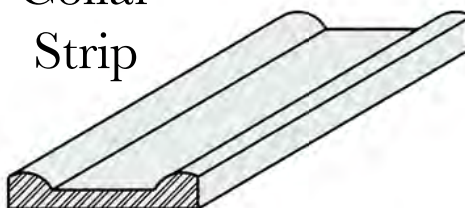
Rear opening for retrieval of post. Supplied with 2 keys.

# PLAIN STEEL

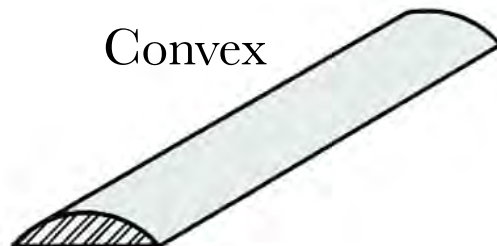
Flat



Collar  
Strip



Convex

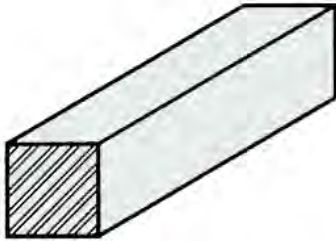


Type	Size				
	Width x Thickness	Length	Price	Length	Price
Flat	13 mm x 3 mm	3 metres		6 metres	
	13 mm x 6 mm	3 metres		6 metres	
	16 mm x 4 mm	4 metres for £			
	16 mm x 6 mm	4 metres for £			
	16 mm x 8 mm	4 metres for £			
	20 mm x 6 mm	3 metres		6 metres	
	20 mm x 8 mm	3 metres		6 metres	
	25 mm x 3 mm	3 metres		6 metres	
	25 mm x 6 mm	3 metres		6 metres	
	25 mm x 8 mm	3 metres		6 metres	
	25 mm x 10 mm	3 metres		6 metres	
	30 mm x 6 mm	3 metres		6 metres	
	30 mm x 8 mm	3 metres		6 metres	
	30 mm x 10 mm	3 metres		6 metres	
	30 mm x 12 mm	3 metres		6 metres	
	40 mm x 6 mm	3 metres		6 metres	
	40 mm x 8 mm	3 metres		6 metres	
	40 mm x 10 mm	3 metres		6 metres	
	50 mm x 3 mm	3 metres		6 metres	
	50 mm x 6 mm	3 metres		6 metres	
	50 mm x 10 mm	3 metres		6 metres	
	50 mm x 12 mm	3 metres		6 metres	
	100 mm x 3 mm	4 metres for £			
	100 mm x 6 mm	3 metres		6 metres	
Collar Strip	14 mm x 4 mm	4 metres for £			
	18 mm x 6 mm	3 metres		6 metres	
Convex Sq. Edge	32 mm x 10 mm	3 metres		6 metres	
	40 mm x 10 mm	3 metres		6 metres	
	52 mm x 12 mm	3 metres		6 metres	

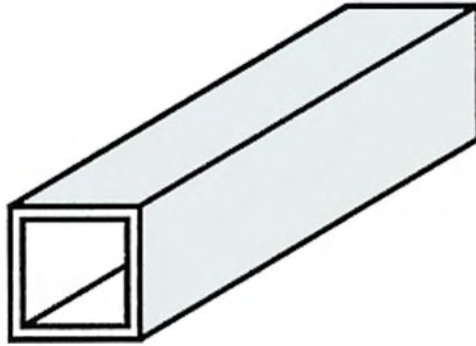
\*\*\* Special Clearance Offer \*\*\* ( STOCK RUSTY )

Convex feather edge steel, of size 16 mm x 6 mm, available in 4 metre length at a special clearance price of £\_\_\_\_. Offer available till stock lasts.

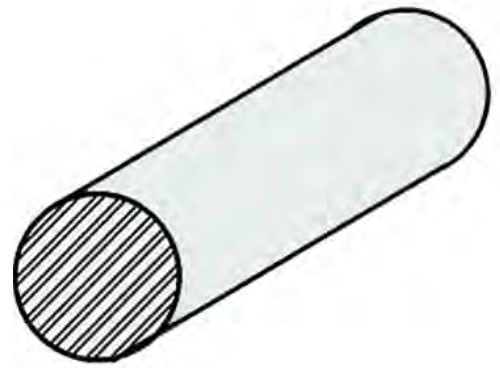




Square



R H S



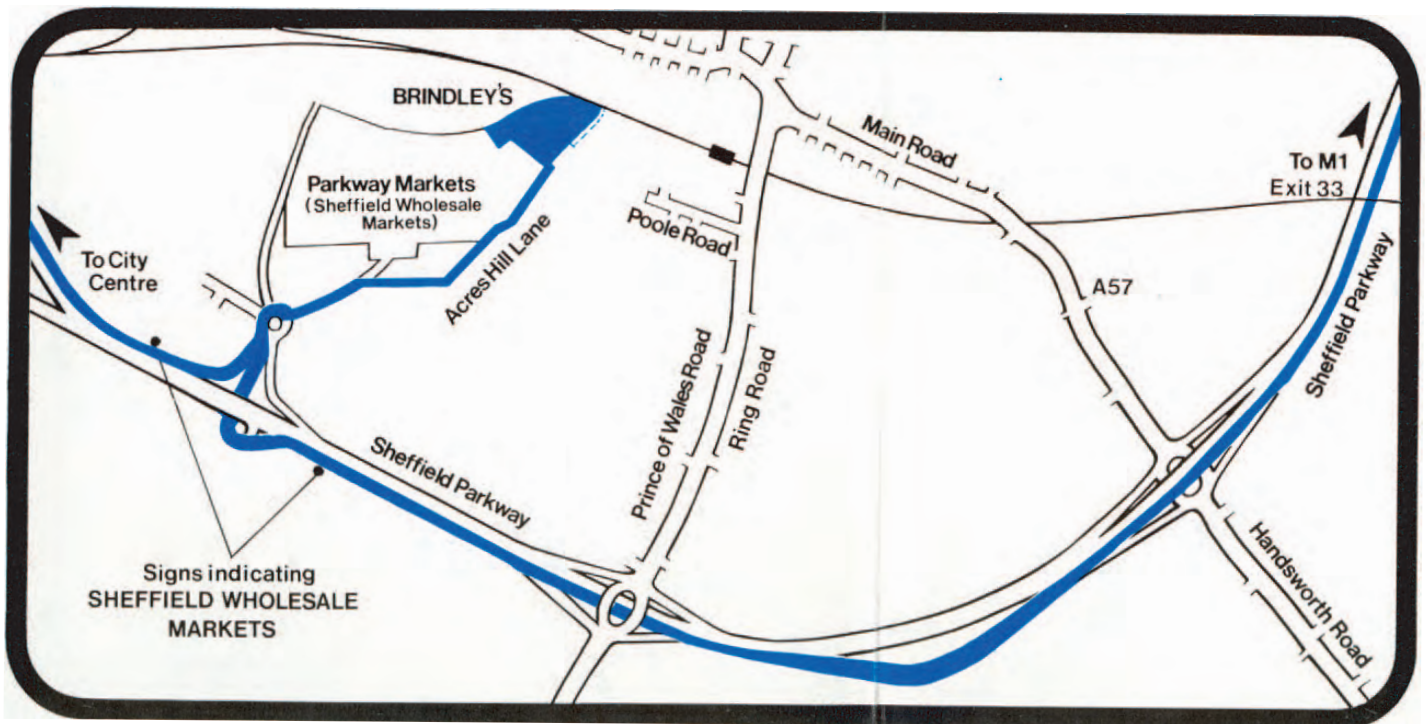
Round

Type	Size				
	Width x Thickness	Length	Price	Length	Price
Square	6 mm x 6 mm	3 metres		6 metres	
	8 mm x 8 mm	3 metres		6 metres	
	10 mm x 10 mm	3 metres		6 metres	
	12 mm x 12 mm	3 metres		6 metres	
	14 mm x 14 mm	3 metres		6 metres	
	16 mm x 16 mm	3 metres		6 metres	
	20 mm x 20 mm	3 metres		6 metres	
	25 mm x 25 mm	3 metres		6 metres	
	30 mm x 30 mm	3 metres		6 metres	
R H S (Rectangular Hollow Section)	20 mm x 20 mm x 2 mm	3.8 metres		7.6 metres	
	25 mm x 25 mm x 2.5 mm	3.8 metres		7.6 metres	
	30 mm x 30 mm x 2.5 mm	3.8 metres		7.6 metres	
	40 mm x 40 mm x 2.5 mm	3.8 metres		7.6 metres	
	50 mm x 50 mm x 2.5 mm	3.8 metres		7.6 metres	
	50 mm x 50 mm x 3 mm	3.8 metres		7.6 metres	
	60 mm x 60 mm x 3 mm	3.8 metres		7.6 metres	
	80 mm x 80 mm x 3 mm	3.8 metres		7.6 metres	
	100 mm x 100 mm x 4 mm	3.8 metres		7.6 metres	
	150 mm x 150 mm x 4 mm	3.8 metres		7.6 metres	
Round	6 mm Diameter	3 metres		6 metres	
	8 mm Diameter	3 metres		6 metres	
	10 mm Diameter	3 metres		6 metres	
	12 mm Diameter	3 metres		6 metres	
	16 mm Diameter	3 metres		6 metres	
	20 mm Diameter	3 metres		6 metres	



# F.J. BRINDLEY & SONS (SHEFFIELD) LTD

Directions to the works unit at Sheffield.



## Contact Details

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