

THE DESIGN FILE

An essential guide for the design of gates & railings



F.H.BRUNDLÉ
WHOLESALE DISTRIBUTORS SINCE 1889

THE DESIGN FILE

When ordering gates or railings for your home, you are making a big decision.

This is not a throw away product, but something that will enhance your property for years to come.

In this design file we have put together just a few ideas of what can be achieved when using our huge range of components.

We hope that this guide will assist our fabricator customers and their clients to make an informed decision on the sort of designs and style they wish to achieve.

Our customers do achieve stunning designs using our products. If you would like to share with us the end result of your particular project, please do send us your pictures, so that we can grow our library of completed projects and designs. Please send them to marketing@brundle.com

Join our passion for decorative ironwork.

Have fun designing!

Kind regards

Michael & Richard Brundle

Michael & Richard Brundle





Due to the versatile nature of steel and its ability to be cut, bent and formed, the photos and suggested components detailed in The Design File should be used purely as a guide to design ideas. Our components are used to make bespoke gates and railings, we cannot be held liable for finished installations that do not meet current building regulations and the associated design parameters within that. To achieve a set of beautiful gates and railings the design should include accurate onsite measurement and a full design process.



**Circle With
Fish-Tail End**
Flat Textured
≠ 12 x 6mm
Ø 120mm
Code: 050206508



Railhead
H.125 x W.30mm
□ 20mm
Code:0513092



**WE STOCK A
FULL RANGE OF
PUNCHED BAR!**



**Lilly Pattern
Panel Unit**
H.800 x W.660mm
≠ 12 x 6mm
Code: 05057212



Railhead
H.130 x W.60mm
Ø 12mm
Code: 0513052



Scroll
H.290 x L.100mm
≠ 12 x 6mm
Code: 050199906



**Floral Pattern
Panel Unit**
Hammered
H.415 x W.415mm
± 12 x 6mm
Code: 05057202



**FULL RANGE
OF GATE
LOCKS
AVAILABLE.**



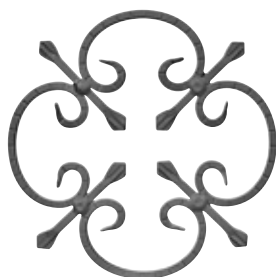
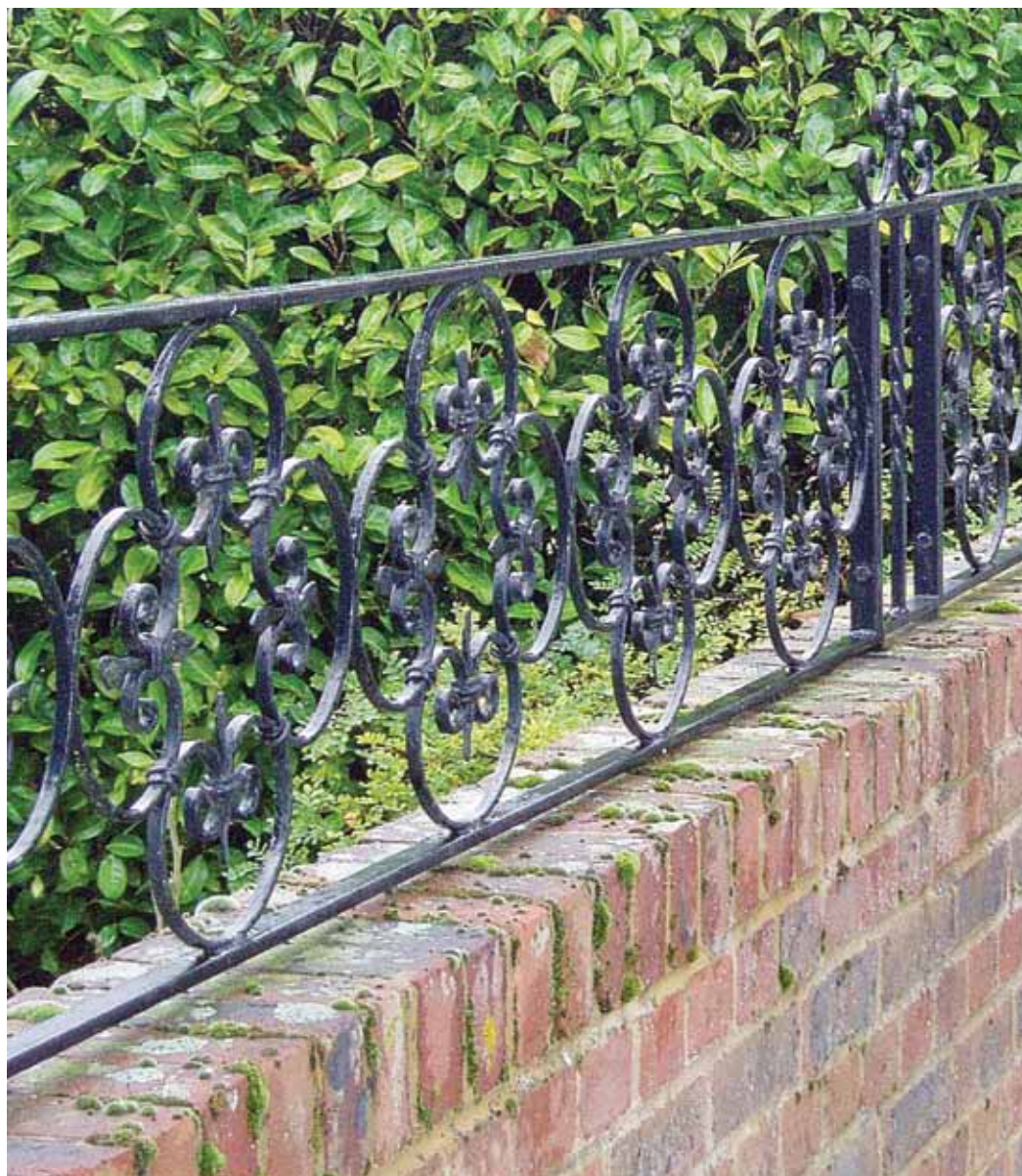
**Rose Pattern
Panel Unit**
Hammered
H.800 x W.660mm
≠ 12 x 6mm
Code: 05057211



Twisted Bar
L.3000mm
□ 12mm
Code: 0512146



Railhead
H.160 x W.60mm
Ø 24mm
Code: 05137276



Rosette Unit
Textured
H.380 x W.380mm
± 10 x 5mm
Code: 0503020



Flat Bar
L.3000mm
± 30 x 8mm
Code: 30033083



Floral Panel Unit
 Hammered
 H.670 x W.515mm
 □ 14mm
 Code: 05057201



Shaped Bars
 Hammered
 L.2000mm
 ≠ 50 x 10mm
 Code: 051599953



Bar
H.1000mm
Ø 12mm
Code: 050006018



Bar With Leaves
H.1000mm
Ø 12mm
Code: 0500011701



Decorative Leaf Bar
H.1000mm
Ø 12mm
Code: 0500011705



**Large Decorative
Panel Units**
H.760 x W.255mm
□ 12mm
Code: 0500010458



**Large Decorative
Panel Units**
H.760 x W.255mm
□ 12mm
Code: 0500010457



**Convex Bar
Feather Edged**
L.3000mm
≠ 40 x 10mm
Code: 0512064



Railhead
H.160 x W.90mm
□ 32mm
Code: 05137278



Railhead
H.120 x W.70mm
□ 25mm
Code: 05137279



Railhead
H.210 x W.75mm
Ø 19mm
Code: 0513099



Circle
≠ 20 x 4mm
Ø 120mm
Code: 0502026



Shaped Bar

H.950mm

□ 12mm

Code: 0504083

Handrail End

H.270 x L.680mm

≠ 40 x 8mm

Code: 0512078

Convex Bar Feather Edged

L.3000mm

≠ 40 x 10mm

Code: 0512064



**Single Basket With
Double Twist**
H.950mm
□ 12mm
Code: 0505123



**Single Twist With
Double Basket**
H.950mm
□ 12mm
Code: 0505124

Steel Square Bar
H.3000mm
□ 12mm
Code: 300112123



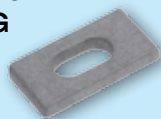
**Post Cap With
Hollow Sphere**

□ 80mm
Ø 80mm
Code: 051505909



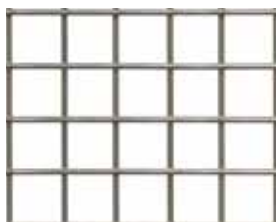
Railhead
H.130 x W.60mm
Ø 12mm
Code: 0513052

**WE STOCK A FULL
RANGE OF
RAILING
LUGS!**





**Hollow
Steel Sphere**
Ø 200mm
2.2mm thick
Code: 051325160



Welded Wire Mesh
2" x 2" x 8g
1220 x 2440mm (4'x 8')
**Self Colour or
Galvanised**



Twisted Bar
H.3000mm
□ 12mm
Code: 0512146



Steel Square Bar
H.3000mm
□ 12mm
Code: 300112123



Railhead
H.160 x W.25mm
□ 27mm
Code: 05G915



Railhead
H.170 W.75mm
Ø 20mm
Code: 0500MN172



Gold Paint
Polyurethane
1 litre
Code: 29014



**High Build Vinyl
Full Gloss Black**
5 litres
Code: 29000





**Weldable Cast
Iron Bush**
H.40 x W.45mm
□ 12mm
Code: 05137461



Railhead
H.95 x W.27mm
□ 12mm
Code: 0513095



**Flat Bar, Square Holes To
Give 100mm Gaps**
30 x 10 x 2134mm
Code: 050806001A



Railhead
H.160 x W.25mm
□ 27mm
Code: 05G915



Cast Iron Urn
H.220 x W.95mm
Ø 58mm
Code: 05131132



**Weldable
Steel Bush**
H.35 x W.55mm
□ 20.5mm
Code: 051316907



Panel Unit
H.1000mm
□ 12mm
Code: 0509214



Panel Unit
H.1000mm
□ 12mm
Code: 0509223



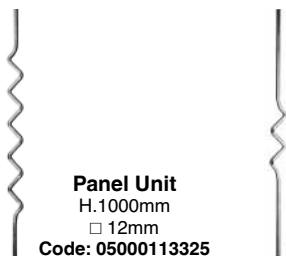
Panel Unit
H.1000mm
□ 12mm
Code: 050410903



Panel Unit
H.1000mm
□ 12mm
Code: 050410904



 Knotted Bar H.1000mm □ 12mm Code: 0500011671	 Knotted Bar H.1000mm □ 12mm Code: 0500011672	 Knotted Bar H.1000mm □ 12mm Code: 0500011673	 Knotted Bar H.1000mm □ 12mm Code: 0500011674
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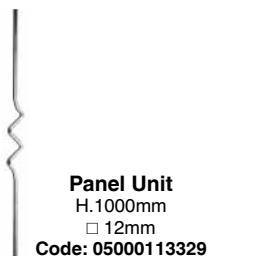


Panel Unit

H.1000mm

□ 12mm

Code: 05000113325



Panel Unit

H.1000mm

□ 12mm

Code: 05000113329



Hammered Handrail

L.3000mm

≠ 25 x 6mm

Code: 0512001

L.3000mm

≠ 40 x 8mm

Code: 0512005



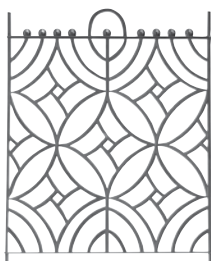
Panel Unit
H.1000mm
□ 14mm
Code: 05000GD1821



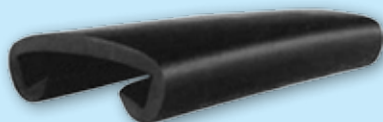
Panel Unit
H.1000mm
□ 14mm
Code: 05000GD1822



**Convex Bar
Feather Edged**
L.6000mm
≠ 40 x 8mm
Code: 0512063



Panel Unit
H.1000 x W.830mm
□ 12mm
Code: 05000GD2111



**WE STOCK PLASTIC
HANDRAIL COVER!**



Textured Bar
L.3000mm
≠ 31 x 5mm
Code: 0500018342



Panel Unit
H.1000 x W.33mm
Ø 12mm
Code: 0500010809



Bow Top
H.1012mm
12mm Round Bar
212mm gap
Code: 05059015



Grey Iron Panel
H.1050 x W.230mm
Code:31JT502



**Hollow
Steel Sphere**
Ø 200mm
2.2mm thick
Code: 0513251200



**Weldable Cast
Iron Bush**
H.55 x W.50mm
□ 20mm
Code: 05137462



Grey Iron Panel
H.635 x W.250mm
Code: 31645



Grey Iron Panel
H.100 x W.650mm
Code: 317121



Railhead
H.160 x W.25mm
□ 25mm
Code: 0513089



Grey Iron Panel
Clip-on
H.425 x W.175mm
Code: 31CP19



Scroll
H.95 x W.60mm
≠ 12 x 6
Code: 0501092

**WE STOCK A
FULL RANGE
OF CAME GATE
AUTOMATION!**





Gate Scroll
H.300mm
≠ 40 x 10mm
Code: 051599904



Gate Reinforcing Block
30 x 32 x 40mm
Code: 051599902



Railhead
H.125 x W.30mm
□ 20mm
Code: 0513092



Railhead
H.100 x 45mm
Ø 12mm
Code: 051306402



Steel Bush
H.67 x W.40mm
□ 12mm
Code: 0513142



Plain Panel Unit
H.950 x W.180mm
□ 12mm ≠ 12 x 6mm
Code: 0505073



Railhead
H.125 x W.60mm
Ø 32mm
Code: 0513077



Basket
H.160 x W.70mm
□ 16mm
Code: 0502082



Scroll
H.95 x W.60mm
≠ 12 x 6mm
Code: 0501092



**Half Drilled
Holed Sphere**
Ø 30mm
Suits Ø 12mm bar
Code: 0513243F12



Basket
H.150 x W.65mm
□ 12mm
Code: 0502080



Circle
Ø 100mm
≠ 12 x 6mm
Code: 0502031



Railhead
H.155 x W.70mm
Ø 17mm
Code: 0513053



**Single Twist With
Double Basket**
H.1000mm
□ 16mm
Code: 050512316



Scroll
H.350 x W.100mm
≠ 12 x 6mm
Code: 0501040



Scroll
H.135 x W.75mm
≠ 12 x 6mm
Code: 0501009



Scroll
H.150 x W.70mm
≠ 12 x 6mm
Code: 0501100

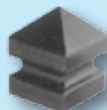
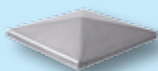


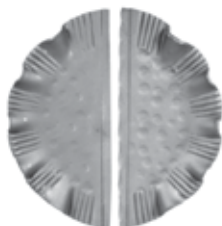
Gate Scroll
H.300mm
≠ 40 x 10mm
Code: 051599904



Post Top
H.100mm
Ø 50mm
Code: 0513220

**WE STOCK A FULL RANGE OF
POST TOPS AND CAPS!**





**Ornamental
Lock Covers**
H.260 x W.115mm
Thickness 3mm
Without Hole
Code: 051504401



**Octagan
Knob Set**
Code: 05S010K



16mm Round Holed Bar
L.2000mm
Centre distance 150mm
Code: 0508024

OTHER DESIGNS WE CAN OFFER



PanelGrip®



Wire Rope System



Glass Clamps



Bar System

OTHER DESIGNS WE CAN OFFER



Tube Clamps



Warmagrip™



Mesh Netting



Bow Tops

CIRCLES & BASKETS



Flat Textured
 ≠ 12 x 6mm
 Ø 120mm
Code: 050206508



Smooth
 ≠ 20 x 4mm
 Ø 120mm
Code: 0502026



H.150 x W.65mm
 □ 12mm
Code: 0502080
 H.160 x W.70mm
 □ 6mm
Code: 0502082

SCROLLS



H.290 x W.100mm
 ≠ 12 x 6mm
Code: 050199906



H.350 x W.100mm
 ≠ 12 x 6mm
Code: 0501040



H.150 x W.70mm
 ≠ 12 x 6mm
Code: 0501100



H.95 x W.60mm
 ≠ 12 x 6mm
Code: 0501092

H.135 x W.75mm
 ≠ 12 x 6mm
Code: 0501009

ROSETTES & PANEL UNITS



Hammered
H.800 x W.660mm
≠ 12 x 6mm
Code: 05057212



Textured
H.590 x W.590mm
□ 12mm
Code: 0503025



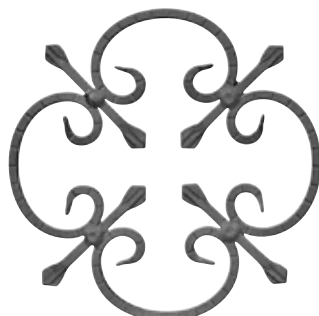
Hammered
H.415 x W.415mm
≠ 12 x 6mm
Code: 05057202



Hammered
H.670 x W.515mm
□ 14mm
Code: 05057201



Hammered
H.800 x W.660mm
≠ 12 x 6mm
Code: 05057211



Textured
H.380 x W.380mm
≠ 10 x 5mm
Code: 0503020

BOW BARS



Smooth
H.950mm
□ 12mm
Code: 0504083



Smooth
H.950mm
□ 12mm
Code: 050409809



Hammered
H.950mm
□ 12mm
Code: 050409801

PANEL UNITS



H.1000mm
□ 12mm
Code: 0509214



H.1000mm
□ 12mm
Code: 0509223



H.1000mm
□ 12mm
Code: 050410903



H.1000mm
□ 12mm
Code: 050410904

KNOTTED BARS



H.1000mm
 □ 12mm
 Code: 0500011671



H.1000mm
 □ 12mm
 Code: 0500011672



H.1000mm
 □ 12mm
 Code: 0500011673



H.1000mm
 □ 12mm
 Code: 0500011674

PANEL UNITS



H.1000mm
 Ø 12mm
 Code: 050006018



H.1000mm
 Ø 12mm
 Code: 0500011701



H.1000mm
 Ø 12mm
 Code: 0500011705



H.1000mm
 Ø 12mm
 Code: 050006046



H.1000mm
 Ø 12mm
 Code: 050006047



H.1000mm
 Ø 12mm
 Code: 050006048

PANEL UNITS



H.1000mm
□ 12mm

Code: 05000113325



H.1000mm
□ 12mm

Code: 05000113329



H.1000mm
□ 14mm

Code: 05000GD1821



H.1000mm
□ 14mm

Code: 05000GD1822



L.3000mm
≠ 31 x 5mm
Code: 0500018342



H.1000 x W.33mm
Ø 12mm
Code: 0500010809



H.1012mm
12mm Round Bar
212mm gap
Code: 05059015

PANEL UNITS



H.760 x W.255mm
□ 12mm
Code: 0500010458



H.760 x W.255mm
□ 12mm
Code: 0500010457



Twisted
H.950mm
□ 12mm
Code: 0505123



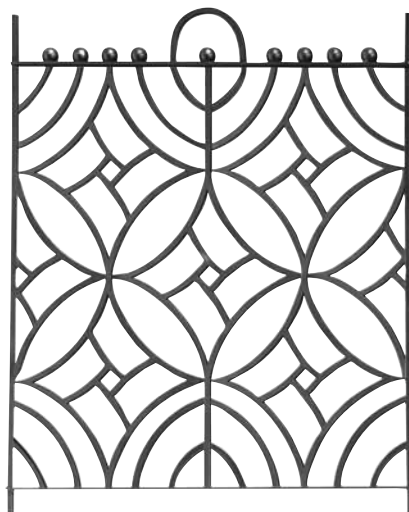
Twisted
H.950mm
□ 12mm
Code: 0505124



H.950 x W.180mm
□ 12mm ≠ 12 x 6mm
Code: 0505073



H.3000mm
□ 12mm
Code: 300112123



H.1000 x W.830mm
□ 12mm
Code: 05000GD2111

H.1000mm
□ 16mm
Code: 050512316

CAST PANELS



H.1050 x W.230mm
Code: 31JT502



H.635 x W.250mm
Code: 31645



Clip-on
H.425 x W.175mm
Code: 31CP19



H.100 x W.650mm
Code: 317121

HANDRAIL



Hammered
L.3000mm
≠ 25 x 6mm
Code: 0512001

≠ 40 x 8mm
Code: 0512005



Flat Bar
L.3000mm
≠ 30 x 8mm
Code: 30033083



Convex Bar
Feather edged
L.3000mm
≠ 40 x 10mm
Code: 0512064



Handrail End
H.270 x L.680mm
≠ 40 x 8mm
Code: 0512078

RAILHEADS



H.210 x W.75mm
Ø 19mm
Code: 0513099



H.100 x W.45mm
Ø 12mm
Code: 051306402



H.160 x W.25mm
□ 27mm
Code: 05G915



H.170 W.75mm
Ø 20mm
Code: 0500MN172



H.125 x W.60mm
Ø 32mm
Code: 0513077



H.145 x W.38mm
Ø 16mm
Code: 05G9041



H.125 x W.28mm
Ø 20mm
Code: 05G905



H.120 x W.60mm
Ø 13mm
Code: 0513041



H.130 x W.60mm
Ø 12mm
Code: 0513052



H.155 x W.70mm
Ø 17mm
Code: 0513053

H.190 x W.50mm
Ø 20mm
Code: 05G9042

H.155 x W.70mm
Ø 17mm
Code: 0513042

H.190 x W.95mm
Ø 20mm
Code: 0513054



H.130 x W.70mm
□ 20mm
Code: 0513079



H.155 x W.65mm
Ø 16mm
Code: 0513080



H.110 x W.27mm
Ø 27mm
Code: 0513087



H.160 x W.25mm
□ 25mm
Code: 0513089



H.120 x W.35mm
Ø 30mm
Code: 051372711



**Half Drilled
Holed Sphere**
Ø 30mm
Suits Ø 12mm bar
Code: 0513243F12



**Hollow Steel
Sphere**
Ø 200mm
2.2mm thick
Code: 0513251200

RAILHEADS



H.80 x W.45mm
Ø 20mm
Code: 0513055



H.115 x W.58mm
Ø 20mm
Code: 0513060



H.125 x W.30mm
□ 20mm
Code: 0513092



H.95 x W.27mm
□ 12mm
Code: 0513095



H.60mm
□ 24mm
Code: 051309701

H.125 x W.65mm
Ø 25mm
Code: 0513056

H.140 x W.70mm
Ø 26mm
Code: 0513061

H.160 x W.40mm
□ 32mm
Code: 0513093

H.125 x W.40mm
Ø 18mm
Code: 0513096

H.190 x W.50mm
□ 40mm
Code: 0513094

H.140 x W.45mm
Ø 23mm
Code: 0513097



H.160 x W.60mm
Ø 24mm
Code: 05137276



H.120 x W.70mm
□ 25mm
Code: 05137279

H.185 x W.70mm
Ø 27mm
Code: 05137275

H.160 x W.90mm
□ 32mm
Code: 05137278

H.210 x W.80mm
Ø 30mm
Code: 05137274

H.200 x W.120mm
□ 40mm
Code: 05137277



Gold Paint
Polyurethane
1 litre
Code: 29014



High Build Vinyl
Full Gloss Black
5 litres
Code: 29000



Gate Scroll
H.300mm
≠ 40 x 10mm
Code: 051599904



Gate Reinforcing Block
30 x 32 x 40mm
Code: 051599902



Twisted Bar
3000mm
□ 12mm
Code: 0512146



Square Bar
H.1000mm
□ 12mm
Code: 300112121

URNS



H.185 x W.80mm
Ø 30mm
Code: 05J361



H.200 x W.70mm
Ø 45mm
Code: 05131131



H.220 x W.95mm
Ø 58mm
Code: 05131132

WELDABLE STEEL BUSHES



H.67 x W.45mm
□ 12.5mm
Code: 0513151



H.67 x W.40mm
Ø 12.5mm
Code: 0513138



H.35 x W.55mm
□ 20.5mm
Code: 051316907

H.67 x W.45mm
□ 16.5mm
Code: 0513153

H.67 x W.40mm
Ø 16.5mm
Code: 0513140

WELDABLE CAST IRON BUSHES



H.40 x W.45mm
□ 12mm
Code: 05137461



H.55 x W.50mm
□ 20mm
Code: 05137462



H.48 x W.48mm
□ 16mm
Code: 05137463

WELDABLE CAST STEEL BUSHES



H.67 x W.40mm
□ 12mm
Code: 0513142

SHAPED BAR



Hammered
L.2000 H.450mm
≠ 50 x 10mm
Code: 051599953

POST CAPS & TOPS

Cap With Flange



□ 30mm
Code: 0515052

Cap With Hollow Sphere



□ 30mm
Ø 40mm
Code: 051505905

Fully Welded



□ 50mm
Code: 051505916



H.100mm
Ø 50mm
Code: 0513220

POST BOXES

Gate/Railing Mounted



H.800 x W.280 x D.230mm
Rear Opening
Code: 0516962 Black

Expanding Brick Mounted



H.420 x W.300 x D.230 - 320mm
Rear Opening
Code: 0516961 Black

Wall Mounted



H.330 x W.205 x D.75mm
Front Opening
Code: 0516956 Black

Newspaper Tube

Robust high quality steel construction and powder coated black.
Stylish gold 3cm letters.
Attach to wall, fence or gate - fittings included.



L.400 x Dia.120mm
Side Opening
Code: 0516971 Black

LASER CUT LETTERS & NUMERALS

100mm, 150mm and 200mm x 6mm thick

A

100mm - Code: 0500981A

150mm - Code: 0500982A

200mm - Code: 0500983A

B

Code: 0500981B

Code: 0500982B

Code: 0500983B

C

Code: 0500981C

Code: 0500982C

Code: 0500983C

D

Code: 0500981D

Code: 0500982D

Code: 0500983D

E

Code: 0500981E

Code: 0500982E

Code: 0500983E

F

100mm - Code: 0500981F

150mm - Code: 0500982F

200mm - Code: 0500983F

G

Code: 0500981G

Code: 0500982G

Code: 0500983G

H

Code: 0500981H

Code: 0500982H

Code: 0500983H

I

Code: 0500981I

Code: 0500982I

Code: 0500983I

J

Code: 0500981J

Code: 0500982J

Code: 0500983J

K

100mm - Code: 0500981K

150mm - Code: 0500982K

200mm - Code: 0500983K

L

Code: 0500981L

Code: 0500982L

Code: 0500983L

M

Code: 0500981M

Code: 0500982M

Code: 0500983M

N

Code: 0500981N

Code: 0500982N

Code: 0500983N

O

Code: 0500981O

Code: 0500982O

Code: 0500983O

P

100mm - Code: 0500981P

150mm - Code: 0500982P

200mm - Code: 0500983P

Q

Code: 0500981Q

Code: 0500982Q

Code: 0500983Q

R

Code: 0500981R

Code: 0500982R

Code: 0500983R

S

Code: 0500981S

Code: 0500982S

Code: 0500983S

T

Code: 0500981T

Code: 0500982T

Code: 0500983T

U

100mm - Code: 0500981U

150mm - Code: 0500982U

200mm - Code: 0500983U

V

Code: 0500981V

Code: 0500982V

Code: 0500983V

W

Code: 0500981W

Code: 0500982W

Code: 0500983W

X

Code: 0500981X

Code: 0500982X

Code: 0500983X

Y

Code: 0500981Y

Code: 0500982Y

Code: 0500983Y

Z

100mm - Code: 0500981Z

150mm - Code: 0500982Z

200mm - Code: 0500983Z

0

Code: 05009810

Code: 05009820

Code: 05009830

1

Code: 05009811

Code: 05009821

Code: 05009831

2

Code: 05009812

Code: 05009822

Code: 05009832

3

Code: 05009813

Code: 05009823

Code: 05009833

4

100mm - Code: 05009814

150mm - Code: 05009824

200mm - Code: 05009834

5

Code: 05009815

Code: 05009825

Code: 05009835

6

Code: 05009816

Code: 05009826

Code: 05009836

7

Code: 05009817

Code: 05009827

Code: 05009837

8

Code: 05009818

Code: 05009828

Code: 05009838

9

100mm - Code: 05009819

150mm - Code: 05009829

200mm - Code: 05009839

OTHER SIZES AND STYLES TO ORDER

**For a gate
& railing
requirement
please contact
your local
installer:**



**Huly Hill Road
Edinburgh Interchange
Newbridge, Edinburgh
EH28 8PH
Tel: 0131 335 5999
Fax: 0131 335 5911**

**28 Coxhill Street
Springburn
Glasgow
G21 1HN
Tel: 0141 332 3231
Fax: 0141 332 7325**

**Condor Road
Quarry Hill Ind. Estate
Ilkeston
DE7 4RE
Tel: 0115 930 2070
Fax: 0115 951 2455**

**Unit 6, Dorset Road
Saltley Business Park
Saltley, Birmingham
B8 1BG
Tel: 0121 327 8999
Fax: 0121 327 8555**

**Haydock Lane
Haydock Industrial Park
St. Helens
WA11 9XE
Tel: 01942 86 88 88
Fax: 01942 86 88 99**

**502 Millbrook Road
Third Avenue, Millbrook
Southampton
SO15 0JX
Tel: 023 8070 3333
Fax: 023 8070 5555**

**Lamson Road
Ferry Lane North
Rainham, Essex
RM13 9YY
Tel: 01708 25 35 45
Fax: 01708 25 35 50**



www.fhbrundle.co.uk
sales@brundle.com