



### Quality ~ Elegance ~ Functionality

#### History –

From the early days of the industrial revolution iron columns carried huge loads. Iron is strong in compression, and columns form ideal struts. Cast iron columns were established here for carrying verandahs and as being part of ornamental ironwork.

We cast most of our huge range of columns in grey iron in a sand mould as done for hundreds of years ensuring you are getting a quality original piece.

Open work columns were not intended for bearing heavy weights. Their slenderness ratio as seen from the side is high, so we cast them in ductile iron, able to withstand bending stresses.

#### PATTERNS –

Square sections above the capital ( Impost ), are used for fixing frieze brackets and are cast integral as part of the columns. The column in figure 3 is shown without this square section, merely to show what a round column looks like without this extension.

Round columns are cast to any height within limits shown overleaf. Capitals are Corinthian or Doric, the shafts are plain or fluted, and bases come in many different styles besides the octagonal ones shown.

#### INSTALLATION –

Lugs may be cast integral with the rest of the column. Holding columns to top beams and to the foundations can be achieved without nuts and bolts being seen. We are happy to assist in making installation as easy as possible by customizing your column with the appropriate fixing features.

#### DETAILS –

Weights and dimensions listed are approximate. Despite the contraction of the metal on freezing we can keep the tolerance of the height of the columns to within plus or minus say 5mm.

Ref No	Column Style/ size	Height above floor		Shaft Dia mm		Max shaft length	Impost width	Est. weight	
	<b>Round.</b>	Total	to Capital	top	base	mm	mm	note	kg/m
<b>Fluted/plain</b>									
1	<b>Med</b>	as given overleaf		110	124	2700	90	cored	36
2	<b>Heavy</b>	"	"	124	165	2700	100-120	cored	58
3	<b>Light</b>	"	"	90	102	2700	75-80	solid	54
<b>Open Work</b>				<b>W shaft</b>	<b>W Base</b>	<b>Single/double sided</b>		<b>kg</b>	
6		2500					single	44	
6a		3150					"	57	
7		2320					"	46	
8		2370					"	38	
9	incl Impost	2300	1850				Double	58	
9a	incl Impost	3160	2630				"	80	
9b		2265					"	58	
10		2120					"	33	
10a		3000					"	48	
11		2240					"	35	

Phone: 02 6921 3387

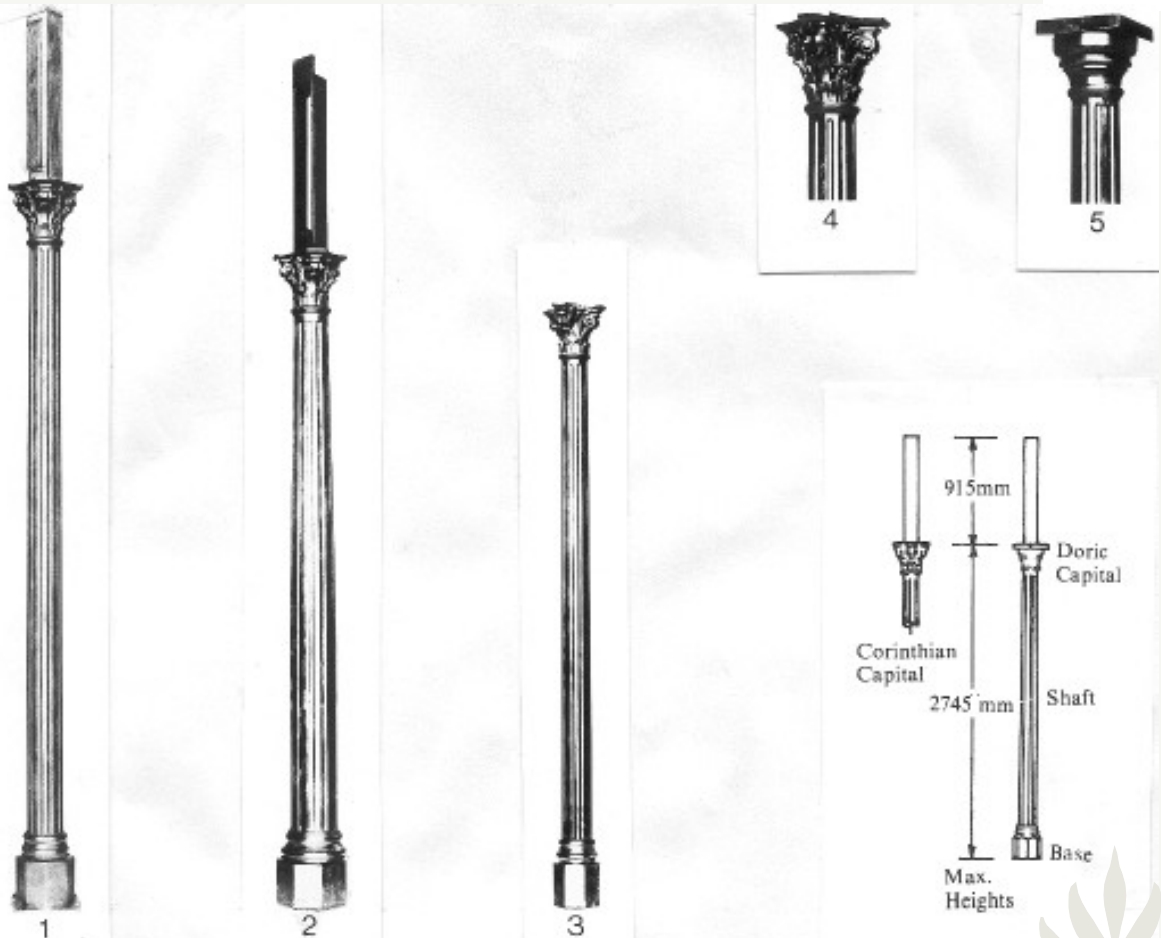
Fax: 02 6921 1572

E-mail: [sales@ironfoundry.com.au](mailto:sales@ironfoundry.com.au)

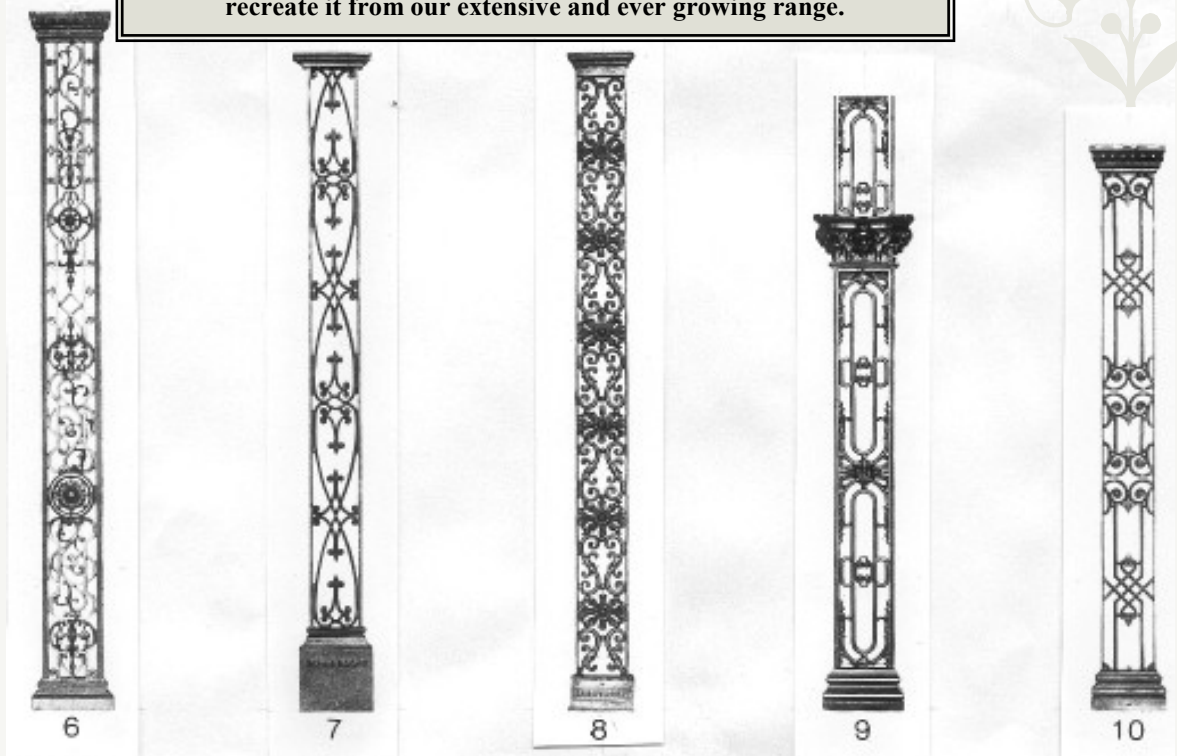
Web: [www.ironfoundry.com.au](http://www.ironfoundry.com.au)

The Wagga Iron Foundry  
220-224 Hammond Avenue  
PO Box 374  
Wagga Wagga NSW 2650

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Just a few of the options available. If you are matching an existing column or have seen one you like please forward us a picture so we can recreate it from our extensive and ever growing range.





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**A few projects using cast iron made by Wagga Iron.**

