

4 Per Lot	Order Code	Price Per Lot					
		1+	5+	10+	20+	50+	100+
C101 Flat Bar 1000mm Length Metric Size mm							
2 0 3	709-7050						
2 5 3	709-7062						
2 0 6	709-7074						
2 5 6	709-7086						
2 0 10	709-7098						
2 5 10	709-7104						

4 Per Lot	Order Code	Price Per Lot					
		1+	5+	10+	20+	50+	100+
C101 Flat Bar 1000mm Length Imperial Size in.							
½" ¾"	709-7116						
¾" ¾"	709-7128						
1" ¾"	709-7130						

4 Per Lot	Order Code	Price Per Lot					
		1+	5+	10+	20+	50+	100+
C106 Sheet 24" 12" Thickness mm							
0.5	709-7189						
0.7	709-7190						
0.9	709-7207						

All dimensions are approximate

Brass CZ121 & CZ108



All brass rod and bar is made from the CZ 121 brass, known as 'free machining brass', an alloy containing roughly 57% copper and 40% zinc with the addition of 3-4% lead. It has excellent machinability combined with good corrosion resistance and conductivity. Ideal for high speed machined components in all general applications.

Brass Rod and Bar is supplied to **BS2874**.

The brass sheet is made from CZ 108 Brass, the most popular brass for general and electrical engineering purposes. Known as the 63/37 'common brass' (63% copper, 37% zinc), it has excellent strength, hardness, ductility and corrosion resistance.

Examples of Mechanical Properties	Tensile Strength N/mm ²	Proof Stress 0.2% N/mm ²	% Elongation	Hardness VPN
CZ 121	410	200	20	130-150
CZ 108	450	350	25	130-160

EMAS

3 Per Lot	Order Code	Price Per Lot					
		1+	5+	10+	20+	50+	100+
Rod 1000mm Length Ø mm							
3	709-6161						
6	709-6173						
10	709-6185						
12	709-6197						
15	709-6203						
25	709-6215						
40	709-6227						

3 Per Lot	Order Code	Price Per Lot					
		1+	5+	10+	20+	50+	100+
Rod 1000mm Length Ø in.							
¼"	709-6239						
½"	709-6240						
¾"	709-6252						
1"	709-6264						

Fixed Prices

We aim to maintain all prices in this book for the lifetime of this issue.

6 Per Lot	Order Code	Price Per Lot					
		1+	5+	10+	20+	50+	100+
Flat Bar 24" Length Cross Section in.							
½" ½"	709-6276						
¾" ½"	709-6288						
1" ½"	709-6290						
½" ¼"	709-6306						
¾" ½"	709-6318						
1" ¼"	709-6320						
½" ¾"	709-6331						
¾" ¾"	709-6343						
1" ½"	709-6355						
½" ½"	709-6367						
¾" ½"	709-6379						
1" ½"	709-6380						

4 Per Lot	Order Code	Price Per Lot					
		1+	5+	10+	20+	50+	100+
Sheet 24" 12" Thickness mm							
0.7	709-6392						
0.9	709-6409						
1.2	709-6410						
1.6	709-6422						

All dimensions are approximate

Phosphor Bronze



- Good corrosion resistance
- High fatigue strength
- Supplied to **BS 1400**

Nominal Chemical Composition	% CU	% Pb
	95	5

Typical Mechanical Properties

Condition	Tensile Strength N/mm ²	0.2% Proof Stress N/mm ²	% Elongation	Hardness VPN
Half Hard	650	560	3	210-240

These products will have an additional machining allowance of 1/32" on both outside and internal diameters where applicable

Deservedly popular for its strength and hardness, gained by the addition of phosphorous to a tin bronze. PB1 is a high quality alloy continuously cast by only the best foundries. It is used for machining components such as heavily loaded bushes and thrust washers used against hardened shafts, under conditions where lubrication is generally good.

EMA36

Outside Ø x Inside Ø in.	Order Code	Price Each					
		1+	5+	10+	20+	50+	100+
1" ¾"	718-2302						
1½" ¾"	718-2314						
1¾" ¾"	718-2326						
1½" 1"	718-2338						
1¾" 1¼"	718-2340						
2" 1"	718-2351						
2" 1½"	718-2363						
2½" 1½"	718-2375						
3" 1"	718-2387						
3" 1½"	718-2399						
4" 1"	718-2405						
3" 2½"	718-2417						
5" 3"	718-2429						

Round Bar 13' Length Ø in.	Order Code	Price Each					
		1+	5+	10+	20+	50+	100+
⅝"	718-2430						
¾"	718-2442						
⅞"	718-2454						
1"	718-2466						
1¼"	718-2478						
1½"	718-2480						
2"	718-2491						
2½"	718-2508						
3"	718-2510						
4"	718-2521						

continued