


TECHNICAL GUIDE

070M55/EN9

| BS970: 1955 | BS970: 1991 | COLOUR CODE | DESCRIPTION |
|-------------|-------------|---|----------------------------------|
| EN9 | 070M55 |  | Bright / black "55" carbon steel |

| CHEMICAL ANALYSIS | |
|-------------------|-------------|
| Car | 0.50 / 0.60 |
| Sil | 0.10 / 0.40 |
| Mang | 0.50 / 0.90 |
| Phos | 0.05 max |
| Sul | 0.05 max |

| INTERNATIONAL SPECIFICATION COMPARISON | |
|--|-----------|
| BRITISH BS 970:1991 | 070M55 |
| BRITISH BS 970:1955 | EN9 |
| GERMAN DIN | CF53 |
| FRENCH AFNOR | CX55 |
| SWEDISH SS | 1674 |
| AMERICAN SAE | 1055 |
| EUROPEAN STEEL NO. | 1.1203 |
| EUROPEAN STEEL NAME | C55E |
| EUROPEAN STANDARD | EN10083-1 |

| QUICK VIEW SYSTEM | |
|------------------------------------|---|
| MACHINEABILITY | 55 |
| WELDABILITY | Seek advice |
| HARDENABILITY | Small sizes suitable for induction hardening |
| SELECTION GUIDE AND USAGE EXAMPLES | Higher medium tensile strength with good wear resisting properties. cams, gears and sprockets |

| SIZES | | | | | | | | | | | | | |
|-----------------|-----|-----|--|--|--|--|--|--|--|--|--|--|--|
| Size (ins. dia) | 5/8 | 3/4 | | | | | | | | | | | |

Sectors

The company specifically concentrates on supplying Precision Engineering Companies covering the automotive, defence, food, marine, medical, pharmaceutical and other manufacturing industries with their exact needs, whether it be a bar or thousands of cut pieces.



Our Service

Our service and commitment to supplying customers with high quality steels or non ferrous metals, competitively priced and backed up by a service second to none is the basis upon which the business has successfully developed since its foundation.

