

IRON GRADES

Ductile Irons – also known as Nodular iron or Spheroidal Graphite iron (SG Iron)

Standard

U.K.

BS2789-1985

German

DIN 1685 part 1

USA

ASTM A536-584 / ASTM
395/A 395-399M

Grades produced

370/17

GGG35

60/40/18

470/12

GGG 40

60/40/52

450/10

No equivalent

No equivalent

500/7

GGG 50

80/55/06

600/3

GGG 60

No equivalent

700/2

GGG 70

100/70/03

800/2

GGG 80

120/90/02

GREY IRONS

Standard

| U.K. | German | USA | EUROPEAN |
|---------------------|----------------------|---------------------|-----------------------|
| BS 1452-1977 | DIN 1691-1964 | ASTM A48-98A | BSEN 1561-1997 |
| Grades produced | | | |
| GD 150 | GG15 | 20&25A | EN/GJL 150 |
| GD 180 | No equivalent | No equivalent | No Equivalent |
| GD 220 | GG20 | 30A | EN/GJL 200 |
| GD 260 | GG25 | 35A | EN/GJL 250 |
| GD 300 | GG30 | 40A | EN/GJL 300 |
| GD 350 | GG35 | 50A | EN/GJL 350 |
| GD 400 | GG40 | 55A & 60A | No equivalent |