

INTERNATIONAL WHITE IRONS & INTERCHANGE INFORMATION

It is Company Policy to supply cast components conforming to British and International standards and/or customers specifications. Quality controls and systems ensure conformity with these and will, as a minimum requirement, be in accordance with BS.EN.ISO 9002:1994, and will also embrace additional customer specific requirements as and when identified.

BS EN 1561 : 1997 FLAKE GRAPHITE IRONS

Used for general engineering castings requiring moderate strength and no ductility.

BS EN 1563 : 1997 NODULAR IRONS

Used for general engineering castings requiring greater strength and toughness than flake graphite iron castings.

BS4844 : 1986 ABRASION RESISTANT IRONS

Used in applications where abrasion resistance or high hardness is required i.e slurry pumps, grinding balls and earth moving equipment.

BS3468 : 1986 NI-RESIST IRONS

Used in applications where corrosion and/or heat resistance is desirable e.g valve equipment for use in corrosive environments such as salt water or the chemical industry.

BS3100 : 1991 CARBON STEELS

Used for general engineering castings.

CUSTOMERS OWN SPECIFICATIONS

We will produce to additional customer specifications if required.

INTERNATIONAL STANDARDS

We can produce to any International standard as required. Full details can be provided on request.

NATIONAL STANDARD	FLAKE IRONS	NODULAR IRONS	AUSTENITIC IRONS	WHITE IRONS	COMPACTED GRAPHITE IRONS
UK	BSEN 1561 1997	BSEN 1563 1997	BS 3468 1986	BS 4844 1986	
FRANCE	NF A32-101	NF A32-201	NF A32-301	NF A32-401	
GERMANY	DIN 1691	DIN 1693	DIN 1694	DIN 1695	
ITALY	UNI 5007	UNI 4544			
JAPAN	JIS.G. 5501	JIS.G. 5502			
USA (Canada)	ASTM A48	ASTM A536	ASTM A436 ASTM A439	ASTM A532	ASTM A482
NORWAY	NS11 100	NS 11 301			
SWEDEN	SS 1401	SS 14 07 17		SIS 14 04 57	
		SS 14 07 27	SIS 14 05 23	SIS 14 04 66	
		SS 14 07 32	SIS 14 07 76	SIS 14 05 12	
		SS 14 07 37		SIS 14 05 13	
DENMARK	DS 11 301	DS 11 303			

The material specifications detailed above reflect our range of flexibility and diversity. They are not exhaustive and represent a cross section of our melting range. Should you require further information regarding material availability, our Technical Department will be pleased to assist.