

Compacted Graphite Iron

Test Piece Catalogue

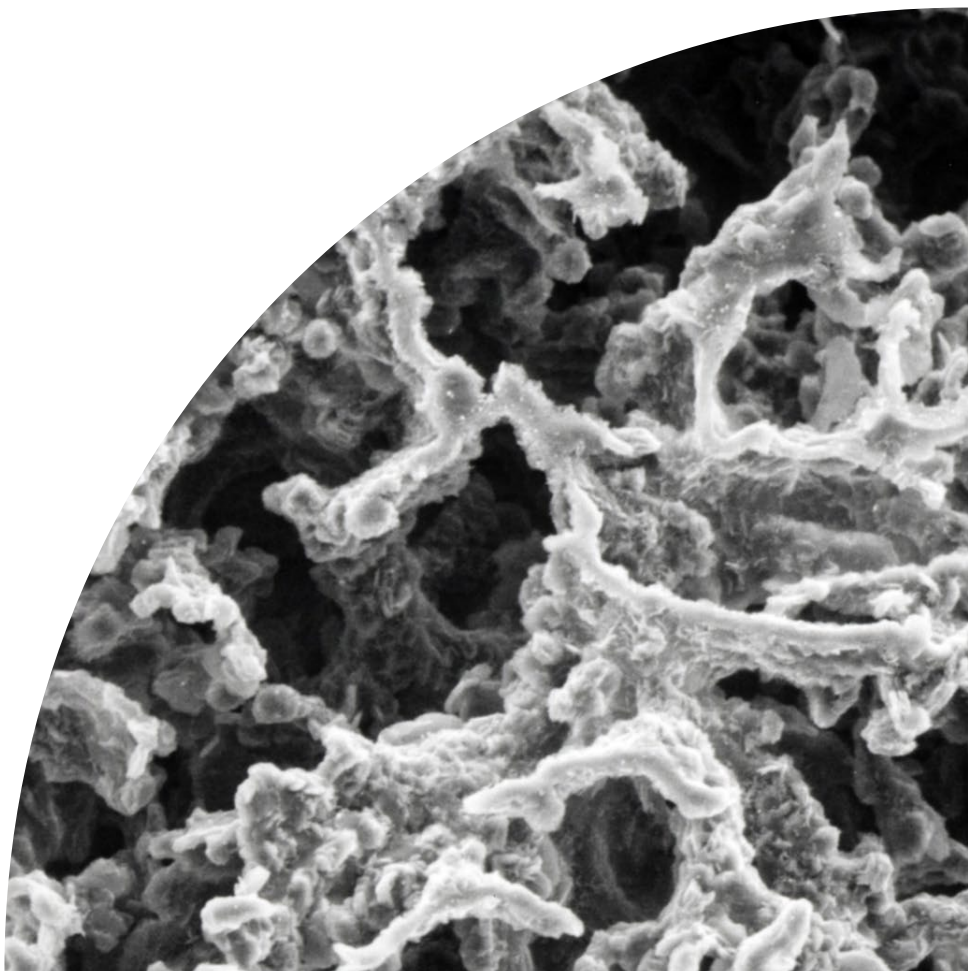


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Y Block

Article No: 7080007 – S, M, L

Description: Standard Y-Block available in small, medium and large sizes. Conforms to ASTM and DIN standards.

Dimensions (mm)						
Available Sizes	Applicable Standard	Length	Height	Bottom Width	Top Width	Weight (kg)
Small	DIN	175	50 + 50	13	40	2.8
Medium	ASTM A 536	175	75 + 75	25	54	6.6
Large	SinterCast	230	85 + 85	30	85	10.3



Test Cylinder

Article No: 7080011 – S, L

Description: Two different size cylinders for machining (turning) tests. The ID is smaller at the bottom to serve as a feeder.

Dimensions (mm)					
Available Sizes	OD	ID	Total Length	Feeder Length	Weight (kg)
Small*	118	78	190	55	9.5
Large*	145	98	204	69	16



Prototype Plate

Article No: 7080012 – A3–A6

Description: Four different sizes of flat plates for machining trials (milling, drilling) or for prototype manufacture.

Dimensions (mm)					
Size	L x W x H	Weight (kg)	Size	L x W x H	Weight (kg)
A3	250 x 250 x 20	9.0	A5	250 x 250 x 35	15.8
A4*	250 x 250 x 25	11.3	A6	250 x 250 x 50	22.5

All Test Pieces are produced according to ISO 8062-3:2007 DCTG 11 with the exception of those marked with a * which are produced to DCTG 9.



Milling Specimen

Article No:	7080008
Description:	Two outer walls and a central gap simulate milling over interrupted surfaces. Holes can be drilled through the base for clamping / mounting.
Overall (L x W x H):	360 x 65 x 80 mm
Side 'Legs' (W x H):	22 x 63 mm
Groove (L x W x H):	335 x 18 x 63 mm
Weight:	11.0 kg



Keel Block

Article No:	7080013
Description:	Standard Keel Block conforming to the ASTM A-842-83 specification for compacted graphite iron test specimens.
Overall (L x W x H):	152 x 76 x 102 mm
Leg Size (L x W x H):	152 x 25 x 38 mm
Weight:	8.0 kg



Test Bar 2

Article No:	7080014
Description:	Two cylindrical test bars with a large feeder for slow cooling. Conforms to DIN 1693.
Bar Diameter:	25 mm
Bar Length:	220 mm
Total Weight:	0.8 kg

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