

Continuous Galvanizing Grade (ZnAl alloys) Technical Datasheet

Uses

Pre-alloyed (lead free) Zinc-Aluminium alloys suitable for continuous galvanizing of iron and steel products.

Chemical specification

Chemical specification	Guaranteed analysis	Tolerance
Al	0.1 – 1.0%	± 0.05%
Pb	≤ 0.004%	
Cd	≤ 0.003%	
Fe	≤ 0.004%	
Sn	≤ 0.001%	
Cu	≤ 0.002%	
Zn	balance	

Physical data

Physical property	Unit	Value
Density solid	kg/dm ³	7.14
liquid (@ 419°C)	kg/dm ³	6.62
Melting point	°C	419
Superficial tension (@ 450°C)	N/m	0.78
Melting enthalpy	kJ/kg	100
Thermal capacity solid	J/kg K	460
liquid	J/kg K	628

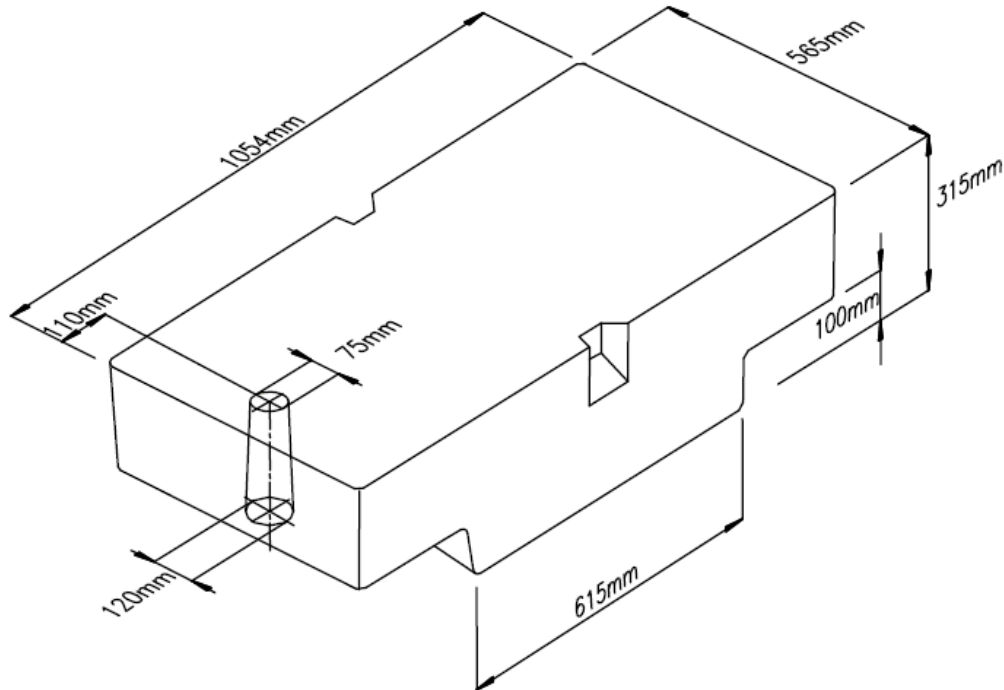
Available shapes/package

Shape/package	Nominal weight (in kg)	Dimensions (in mm)
Europe		
Block Jumbo 1000 kg	1000 ± 50	1054 x 565 x 315
Block Jumbo 1450 kg	1450 ± 100	1532 x 567 x 307
Block Jumbo 1950 kg	1950 ± 50	2135 x 490 x 370
Block Jumbo 4000 kg	4000 ± 200	2380 x 615 x 505
Americas		
Slab	27	416 x 210 x 59
Slab bundle (40 slabs per bundle)	1089	832 x 420 x 629
ASTM Jumbo	1089	1257 x 500 x 318
Asia-Pacific		
K block	1100 ± 50	805 x 525 x 465
L block	1135 ± 45	1820 x 455 x 260
G block	1089 ± 30	1410 x 460 x 290
P block	1150 ± 50	1780 x 450 x 280

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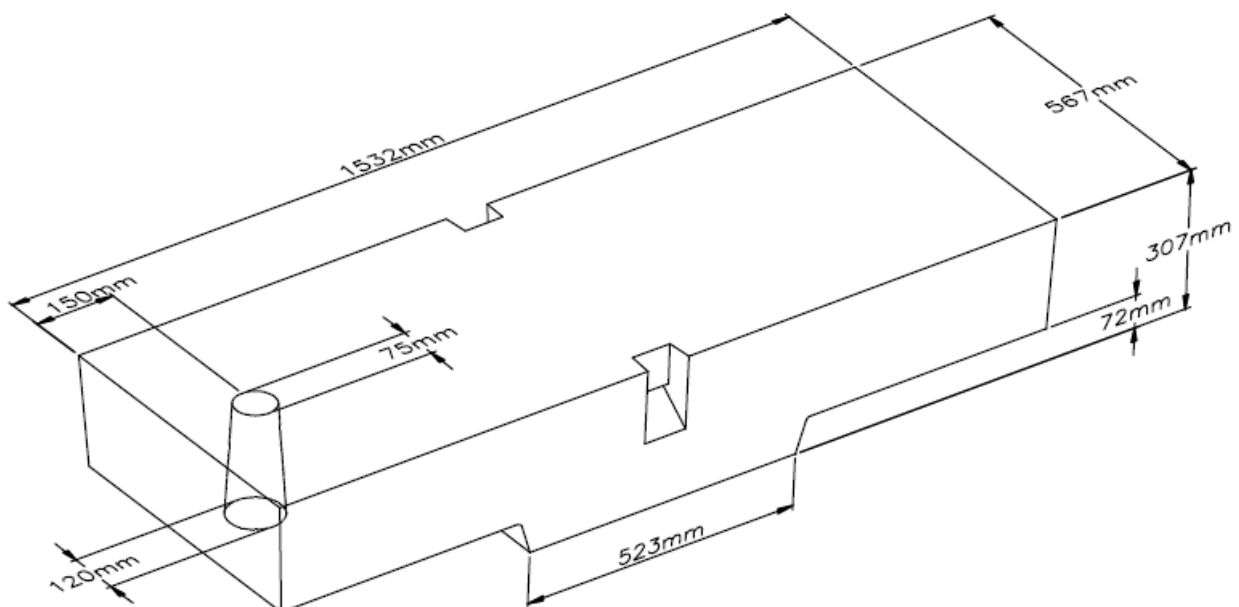
**Block (Jumbo) 1000 kg
Europe**

**Nominal mass 1000 ± 50 kg
Dimensions 1054 x 565 x 315**



**Block (Jumbo) 1450 kg
Europe**

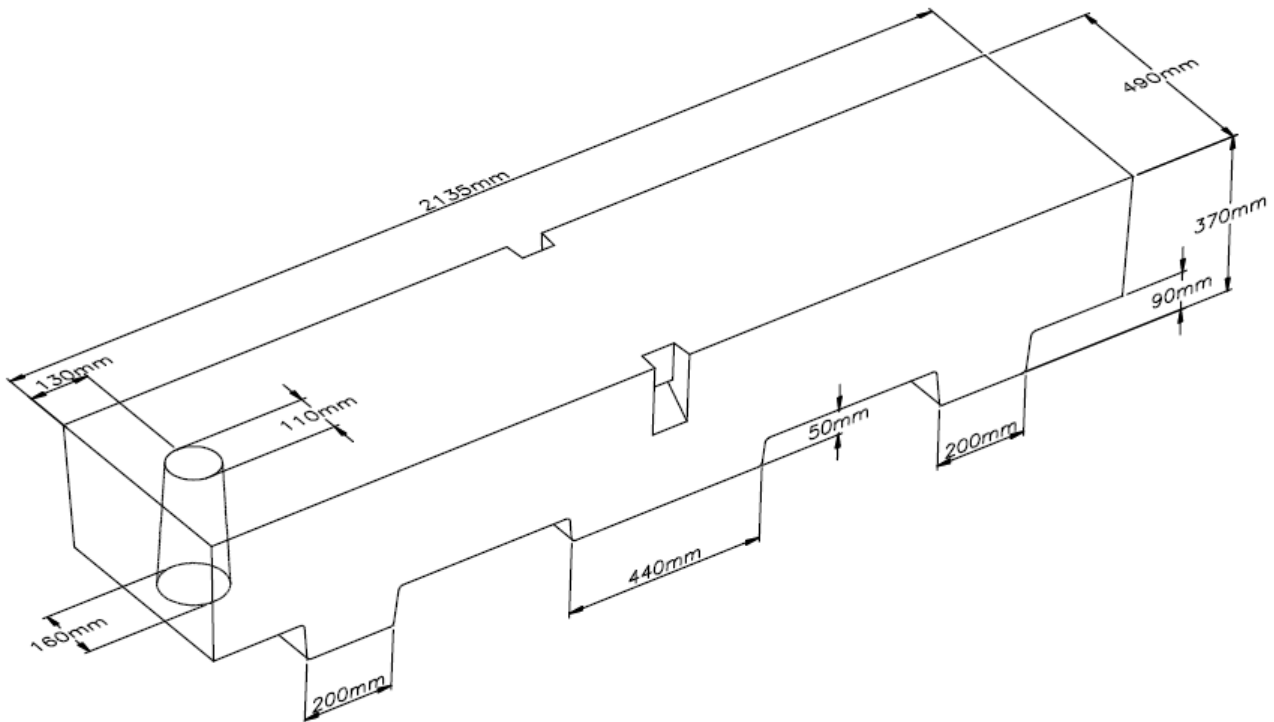
**Nominal mass 1450 ± 100 kg
Dimensions 1532 x 567 x 307**



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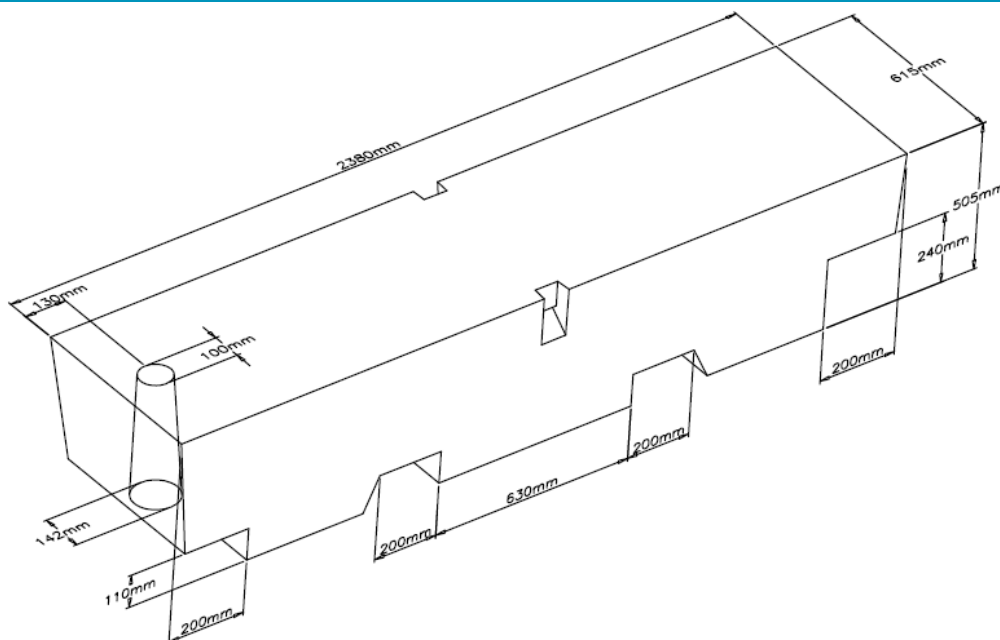
**Block (Jumbo) 1950 kg
Europe**

**Nominal mass 1950 ± 50 kg
Dimensions 2135 x 490 x 370**

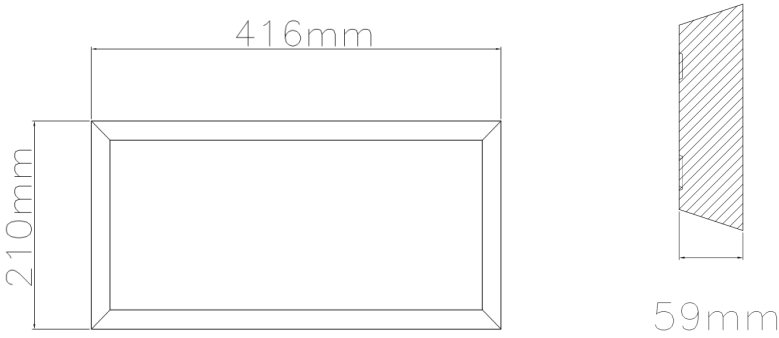


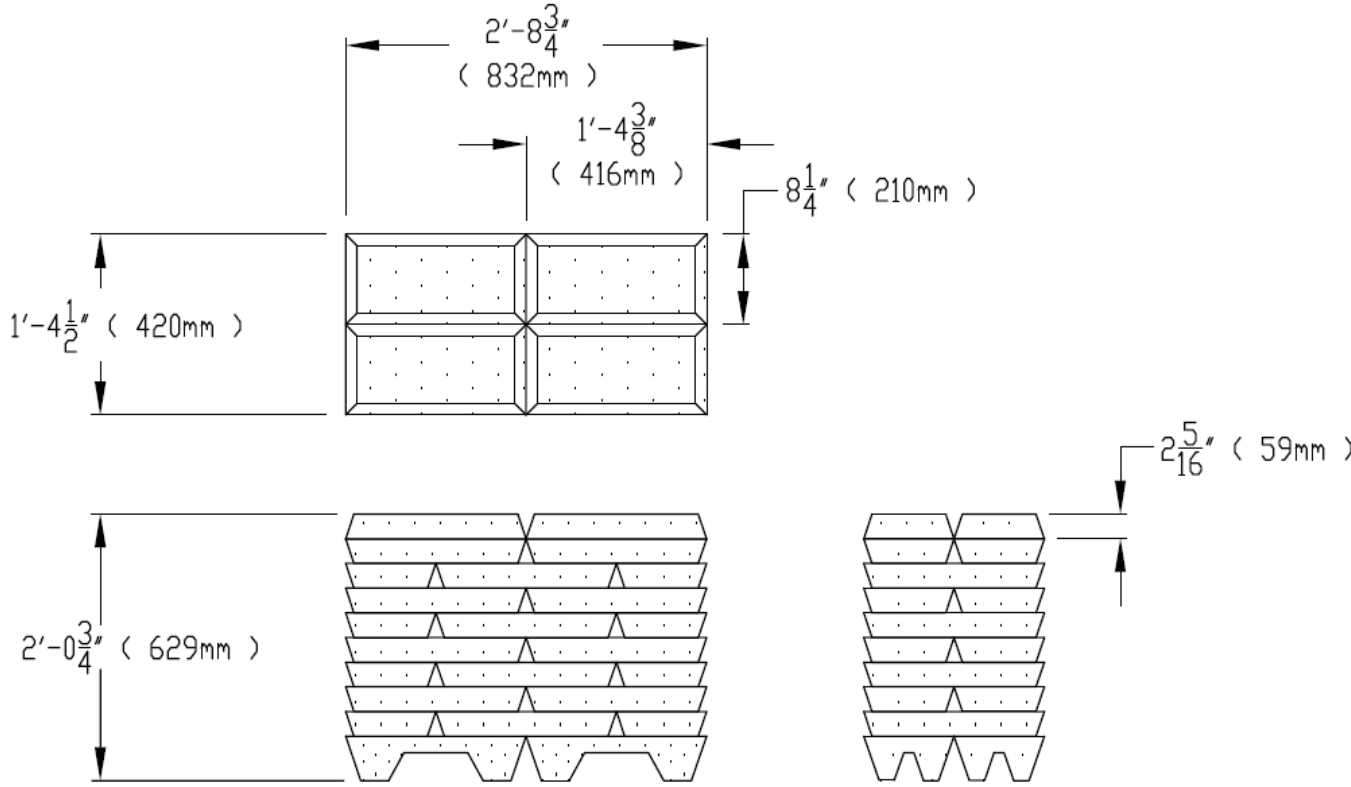
**Block (Jumbo) 4000 kg
Europe**

**Nominal mass 4000 ± 200 kg
Dimensions 2380 x 615 x 505**



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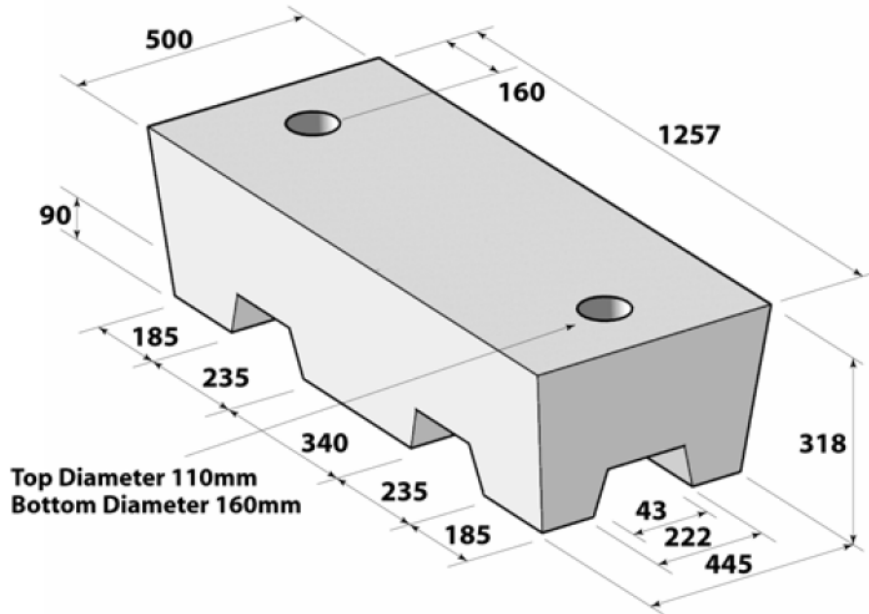
Slab Americas	Nominal mass 27 kg Dimensions 416 x 210 x 59
	

Slab bundle (40 slabs per bundle) Americas	Nominal mass 1089 kg Dimensions 832 x 420 x 629
	

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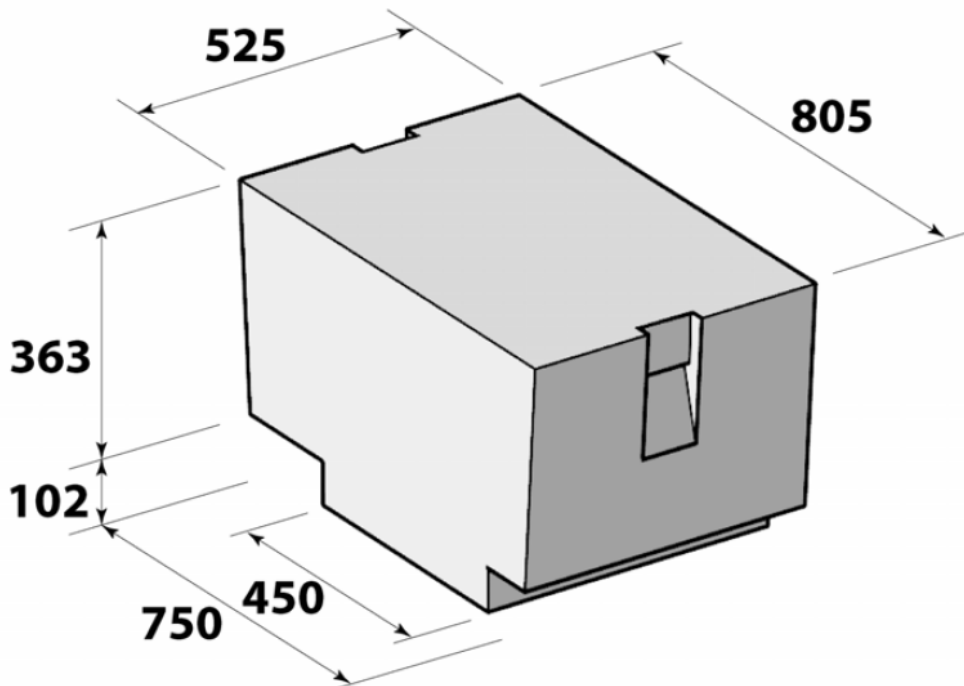
ASTM Jumbo
Americas

Nominal mass 1089 kg
Dimensions 1257 x 500 x 318



K block (Jumbo)
Asia-Pacific

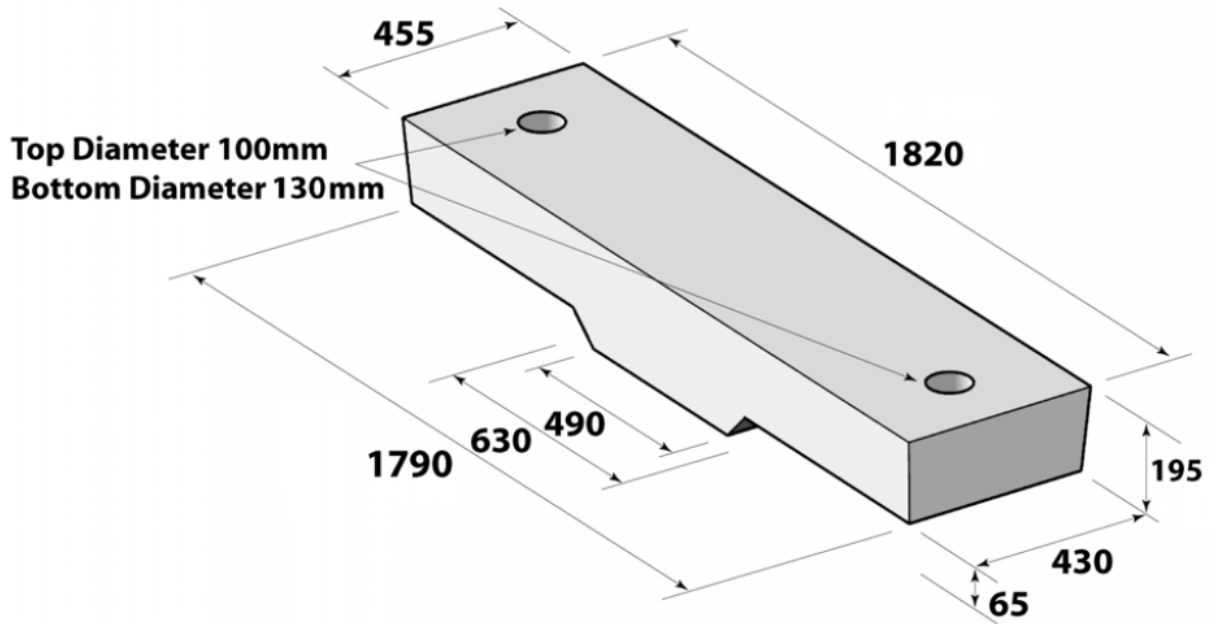
Nominal mass 1100 ± 50kg
Dimensions 805 x 525 x 465



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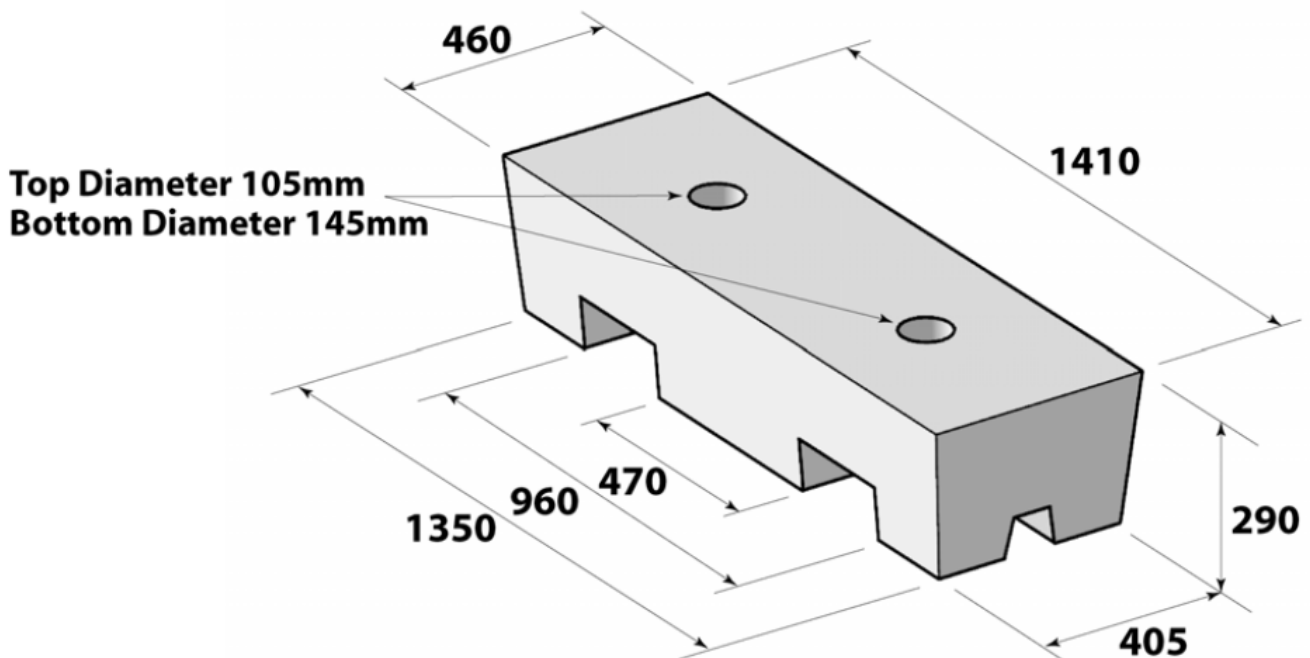
L block (Jumbo)
Asia-Pacific

Nominal mass 1135 ± 45kg
Dimensions 1820 x 455 x 260



G block (Jumbo)
Asia-Pacific

Nominal mass 1089 ± 30kg
Dimensions 1410 x 460 x 290



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P block (Jumbo)
Asia-Pacific

Nominal mass 1150 ± 50kg
Dimensions 1780 x 450 x 280

