



Inch	2 ½	3	3 ½
mm	63.5	76.2	88.9

Hardness (HRc)

Nominal Ball Diameter		Surface Hardness		Volumetric Hardness	
Inch	Min	Min	Max	Min	Max
2 ½	63.5	58	64	58	64
3	76.2	58	64	58	64
3 ½	88.9	58	64	58	64

Main factors to consider for a correct segmentation:

Ore & pulp characteristics	Mill characteristics	Operating parameters
Mineralogy Granulometry Water quality	Type of mill Type of discharge Mill dimension Liner design	Grinding media size % filling degree Speed of rotation

Magotteaux keeps innovating and create new solutions for you. Our cast grinding media is offered in 2 different qualities:

Magotteaux mining grinding media
One cast

Magotteaux mining grinding media
+ cast

Chemical analysis

Chemistry (weight %)													
Diameter		C		Mn		Cr		Si		Ni	P	V	S
Inch	mm	Min	Max	Min	Max	Min	Max	Min	Max	Max	Max	Max	Max
2 ½	63.5	0.90	1.05	0.80	1.10	0.30	0.60	0.25	0.40	0.30	0.04	0.010	0.04
3	76.2	0.90	1.05	0.80	1.10	0.40	0.70	0.25	0.40	0.30	0.04	0.010	0.04
3 ½	88.9	0.90	1.05	0.80	1.10	0.50	0.80	0.25	0.40	0.60	0.04	0.010	0.04

Magotteaux mining grinding media cast

Packaging options

Bulk, drum or bag for road, rail or sea transport



The information and data in this data sheet are accurate to the best of our knowledge. They are intended for general information only. Applications as suggested are described only to help readers make their own assessment. They are neither guarantees nor to be construed as express or implied warranties of suitability for these or other applications.



Process optimization services and products for abrasive and impact applications