

ECOMAX[®] FORGED



Inch	1"	1.25"	1.5"	2"	2.5"	3"	3.5"	4"	4.5"	5"	5.25"	5.5"	6"
mm	25.4	31.8	38.1	50.8	63.5	76.2	88.9	101.6	114.3	127.0	133.3	139.7	152.4

CHEMICAL ANALYSIS

Chemistry (weight %)

Nominal Ball diameter		C		Mn		Cr		Mo	Si		P	S
Inch	mm	Min	Max	Min	Max	Min	Max	Max	Min	Max	Max	Max
1	25.4	0.92	1.08	0.72	0.98	0.15	0.48	-	0.12	0.28	0.035	0.035
1.25	31.8	0.92	1.08	0.72	0.98	0.15	0.48	-	0.12	0.28	0.035	0.035
1.5	38.1	0.92	1.08	0.72	0.98	0.15	0.48	-	0.12	0.28	0.035	0.035
2	50.8	0.92	1.08	0.82	0.98	0.15	0.48	-	0.12	0.28	0.035	0.035
2.5	63.5	0.92	1.08	0.82	1.03	0.42	0.73	-	0.12	0.33	0.035	0.035
3	76.2	0.92	1.08	0.82	1.03	0.42	0.73	-	0.12	0.33	0.035	0.035
3.5	88.9	0.70	0.90	0.82	1.03	0.42	0.73	-	0.12	0.33	0.035	0.035
4	101.6	0.70	0.90	0.82	1.03	0.42	0.73	-	0.12	0.33	0.035	0.035
4.5	114.3	0.70	0.90	0.87	1.08	0.42	0.73	0.09	0.17	0.38	0.035	0.035
5	127.0	0.70	0.90	0.87	1.08	0.87	1.08	0.09	0.17	0.38	0.035	0.035
5.25	133.3	0.70	0.90	0.87	1.08	0.87	1.08	0.09	0.17	0.38	0.035	0.035
5.5	139.7	0.70	0.90	0.87	1.08	0.87	1.08	0.09	0.17	0.38	0.035	0.035
6	152.4	0.70	0.90	0.87	1.08	0.87	1.08	0.12	0.17	0.38	0.035	0.035

HARDNESS

Hardness (HRc)

Surface Hardness		Volumetric Hardness	
Min	Max	Min	Max
58	64	58	64
58	64	58	64
58	64	58	64
58	64	58	64
58	64	58	64
58	64	58	64
56	62	56	62
56	62	56	62
56	62	56	62
56	62	56	62
56	62	56	62
56	62	56	62
56	62	56	62
56	61	54	61

For high impact SAG mills a specific Ecomax[®] Forged solution is available.



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 products and services for high abrasion extracting industries