

THE
STEEL BALL
COMPANY



THE STEEL BALL COMPANY LTD

TECHNICAL DATA

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THE STEEL BALL COMPANY (TSBC) is the only UK manufacturer of rolled grinding media. TSBC advanced manufacturing methods and material, guarantee the maintenance of the geometrical tolerances and correct structures vital to reliable, consistent performance and long life. TSBC products are rigorously tested to ensure that they meet the agreed specification. The TSBC 'thru hard' ball has a uniform high hardness from surface to core, thus maintaining very good wear properties down to very small diameters.

TSBC raw material supplies consist entirely of factory certified round steel bar from steel plants in Europe. The entire production process is also under the CERTIFICATE OF REGISTRATION as the only manufacturer in Europe according to ISO 9001:2008 with the confirmation number 156536A certified

TSBC grinding balls can be packaged in the following forms for delivery:

- Steel drums secured on pallets
- Customer specific containers (stillages)
- Big Bags secured on wooden pallets

Standard Chemical Composition

C	Mn	Si	P	S	Cr
0.55-0.75	0.6-0.9	0.15-0.40	0.04max	0.04max	0.1-0.25

Volume Hardness of the steel grinding balls is typically 63/65 HRC giving guarantees for the grinding process and optimal grinding results. Due to our computer controlled water quenching process we can tailor hardness values to specific customer requirements with ranges up to 739 Brinell