

OD: 750 MM  $\pm$  3 MM  
 ID: 540 MM  $\pm$  3 MM

NOTES:

- 1) O.D OF FILLER BALL SHOULD BE MEASURED IN THREE PERPENDICULAR AXIS
- 2) THE RATED WEIGHT TOLERANCE FOR ONE BALL SHOULD NOT BE GREATER  $\pm$  2%
- 3) BALLS TO BE ULTRASONICALLY TESTED AS PER ASTM-609 LEVEL-3 FOR MEASURING THICKNESS
- 4) 2 NOS CORE HOLES OF SIZE 2 INCH WILL BE PROVIDED IN EACH FILLER BALL
- 5) WEIGHT OF EACH BALL SHOULD BE PUNCHED.

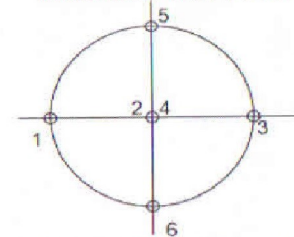
SPECIAL NOTES:

- 1) TOLERANCE OF THICKNESS WILL BE 3 MM
- 2) CORE DIAMETER WILL BE CONCENTRIC WITHIN  $\pm$  3MM
- 3) OTHER TOLERANCE AS PER IS 5519-1979 CLASS-II
- 4) DPT FOR CASTING FOR CHECKING SURFACE CRACK TO BE DONE

MATERIAL SPECIFICATION - CrNiMo Steel  
 HARDNESS BHN 380-400

C = 0.70 to 0.80 %  
 Si = 0.42 to 0.55 %  
 Mn = 0.8 to 1.0 %  
 Cr = 3.0 to 3.5 %  
 Mo = 0.70 to 1.3 %  
 Ni = 0.5 to 0.8 %  
 S = 0.04 MAX  
 P = 0.04 MAX

HARDNESS TEST POINT



16.4.16  
 L. MAHTO  
 MANAGER  
 POWER PLANT/B.P.S.C.L.  
 BOKARO STEEL CITY

UNIT WT. 1070 to 1085 KG

CPP		BOKARO STEEL PLANT.			
SHOP		CAPTIVE POWER PLANT.			
UNIT.		BALL MILL. DPR (167.001)			
DESCRIPTION		BALL FOR COAL PURVERISER.			
REVISION.	DRAWN.	K.K.GHOSH	28	<i>K.K.Ghosh</i>	SCALE. 1:5.
R1	CHECKED	Z.N.ANSARI		<i>Z.N.Ansari</i>	DATE. NOV.91.
	APPROVED	AK.AGARWAL			167-001(N)BM-025A