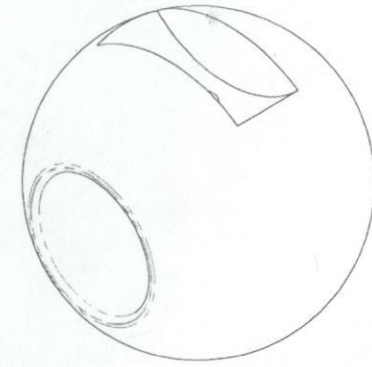
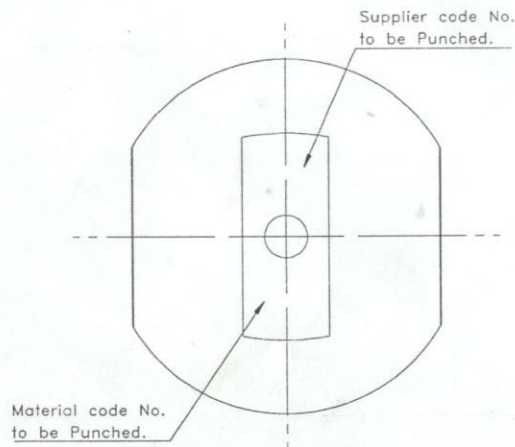
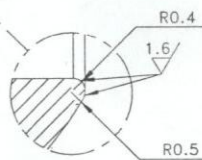
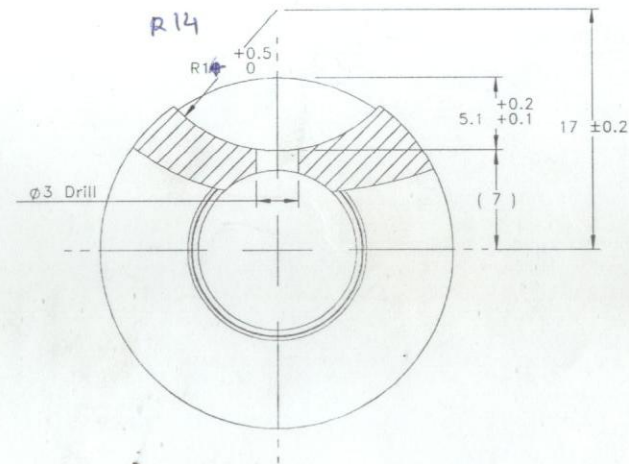
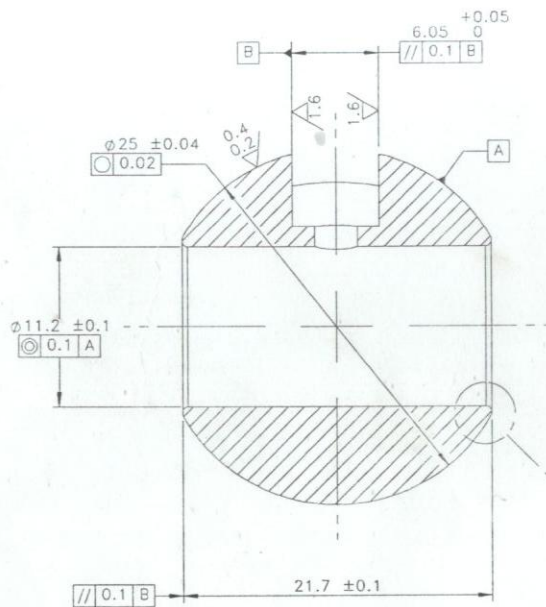


DIN 7168 Part 1 General tolerances in length & angular dimensions		Nominal size		Tolerance	
Symbol	Unit	mm	in	mm	in
h	mm	0.5	0.010	0.05	0.002
h	mm	1	0.020	0.10	0.004
h	mm	2	0.030	0.15	0.006
h	mm	3	0.040	0.20	0.008
h	mm	5	0.060	0.30	0.012
h	mm	10	0.10	0.50	0.020
h	mm	20	0.15	0.80	0.030
h	mm	30	0.20	1.00	0.040
h	mm	50	0.30	1.50	0.060
h	mm	100	0.50	2.50	0.100
h	mm	200	0.80	4.00	0.160
h	mm	300	1.00	5.00	0.200
h	mm	500	1.50	8.00	0.320
h	mm	1000	2.50	12.00	0.480

DIN 7168 Part 2 General tolerances of shape		Nominal size		Tolerance	
Symbol	Unit	mm	in	mm	in
h	mm	0.5	0.010	0.05	0.002
h	mm	1	0.020	0.10	0.004
h	mm	2	0.030	0.15	0.006
h	mm	3	0.040	0.20	0.008
h	mm	5	0.060	0.30	0.012
h	mm	10	0.10	0.50	0.020
h	mm	20	0.15	0.80	0.030
h	mm	30	0.20	1.00	0.040
h	mm	50	0.30	1.50	0.060
h	mm	100	0.50	2.50	0.100
h	mm	200	0.80	4.00	0.160
h	mm	300	1.00	5.00	0.200
h	mm	500	1.50	8.00	0.320
h	mm	1000	2.50	12.00	0.480

DIN 7168 Part 2.05 General tolerances of position		Nominal size		Tolerance	
Symbol	Unit	mm	in	mm	in
h	mm	0.5	0.010	0.05	0.002
h	mm	1	0.020	0.10	0.004
h	mm	2	0.030	0.15	0.006
h	mm	3	0.040	0.20	0.008
h	mm	5	0.060	0.30	0.012
h	mm	10	0.10	0.50	0.020
h	mm	20	0.15	0.80	0.030
h	mm	30	0.20	1.00	0.040
h	mm	50	0.30	1.50	0.060
h	mm	100	0.50	2.50	0.100
h	mm	200	0.80	4.00	0.160
h	mm	300	1.00	5.00	0.200
h	mm	500	1.50	8.00	0.320
h	mm	1000	2.50	12.00	0.480



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- Note:
- Internal Radii to be 0.4(max) & External Chamfer to be 0.25 x 45 Degree unless otherwise specified.
 - Surface Finish for all machined surfaces shall be 3.2Ra or better, Unless otherwise specified.

Tolerance (Expect as noted)		(Surface)	Scale: 2:1 / Units:	Volume:	Cu. Cm:	Mass:	Kg
DIN 7168 Rough							
Name	Sign	Date	Materials:				
Draw: Vinoth		07/07/17	BALL DN15 6863 SERIES DD MACHINING™				
Check: Kannan		07/07/17					
App: Venkat		07/07/17					
JC Valves			Drawing no: X0B-015-6863	Rev: 0	Sheet: 1		
JC Valves India Pvt Ltd. Perungudi, Chennai-96. Tamil nadu, India.			Part no: X0B-015-6863-xxx		A4		
Rev.	Modification	Date	Released By:		Released Date:		
0	New Release	07/07/17					

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