

Table B
Case depth requirements for carbon steel balls

(Metric)			(Inch)		
dimensions in millimeters			dimensions in inch		
Dw	Minimum Case (1) Depth		Dw	Minimum Case (1) depth	
at least	but not		at least	but not	
0,3	1,5	0,1	1/64	1/16	0,05
1,5	2,0	0,4	1/16	3/32	0,15
2,0	3,0	0,5	3/32	1/8	0,20
3,0	4,5	0,6	1/8	3/16	0,25
4,5	5,5	0,8	3/16	7/32	0,30
5,5	6,5	0,9	7/32	1/4	0,35
6,5	9,5	1,1	1/4	3/8	0,45
9,5	11,0	1,4	3/8	7/16	0,55
11,0	12,5	1,7	7/16	1/2	0,65
12,5	14,0	1,8	1/2	9/16	0,7
14,0	19,0	1,9	9/16	3/4	0,75
19,0	38,0	2,0	3/4	1-1/2	0,80

(1) Case depth shall be determined in accordance with Appendix B 2—Recommended procedure for the measurement of case depth in carburized and hardened Carbon steel balls