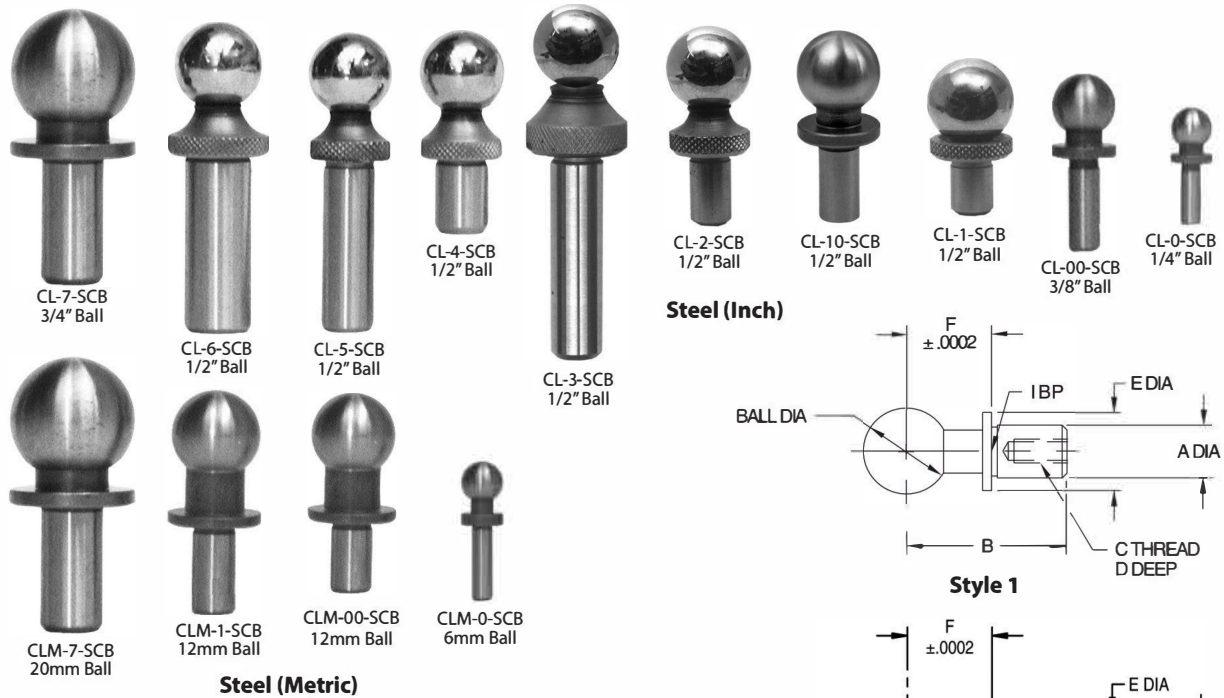


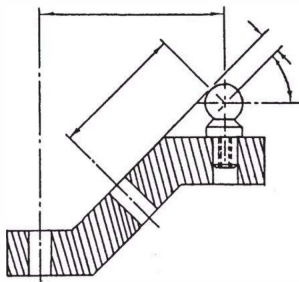
CONSTRUCTION BALLS (SHOULDER TYPE)

STEEL: 1144 STEEL, HEAT TREATED RC 54-56



New 20mm ball diameter!

Precision tooling ball used as a reference point for critical inspection, layout, and machining operations. Shoulder type has a precision height-reference shoulder to locate the ball in three dimensions. Concentricity between ball and shank is .0002" TIR. Available with ball diameters from 1/4 to 3/4" (6 to 20mm in metric), in various shank diameters and lengths.



Shoulder-Type Construction Balls provide a reference point in three dimensions.

STEEL (INCH)

PART NO.	BALL DIA		A DIA		B	C	D	E DIA	F	STYLE
	NOMINAL	ACTUAL	NOMINAL	ACTUAL						
CL-0-SCB	1/4	.2502/.2498	1/8	.1250/.1246	.56	—	—	.25	.2000	1
CL-00-SCB	3/8	.3752/.3748	3/16	.1875/.1871	.75	—	—	.37	.3000	
CL-1-SCB	1/2	.5000/.4997	1/4	.2500/.2497	.63	#6-32	1/4		.3125	2
CL-10-SCB		.5002/.4998		.2500/.2496	.94	—	—		.4000	1
CL-2-SCB		.5000/.4997		.2500/.2497	.94	#6-32	5/16	.46	.5000	2
CL-3-SCB					1.50	—	—			
CL-4-SCB			5/16	.3125/.3122	.94	#6-32	5/16			
CL-5-SCB				1.50	—	—	.46			
CL-6-SCB	3/4	.7502/.7498	3/8	.3750/.3747	1.50	—	—	.56	.5000	
CL-7-SCB			3/8	.3750/.3746	1.25	—	—	.75	.5000	1

STEEL (METRIC)

PART NO.	BALL DIA (mm)		A DIA (mm)		B (mm)	C	D	E DIA (mm)	F	STYLE
	NOMINAL	ACTUAL	NOMINAL	ACTUAL						
CLM-0-SCB	6mm	6.005/5.994	3mm	3.000/2.990	12	—	—	6	6mm	1
CLM-00-SCB	12mm	12.004/11.994	6mm	6.000/5.989	22	—	—	12	12mm	
CLM-1-SCB					25	M3.5	6	—	—	
CLM-7-SCB	20mm	20.004/19.994	10mm	10.000/9.989	38	M6	9.5	20	20mm	

CONSTRUCTION BALLS (SHOULDER TYPE)

STAINLESS STEEL: 440C STAINLESS STEEL, HEAT TREATED RC 57-59



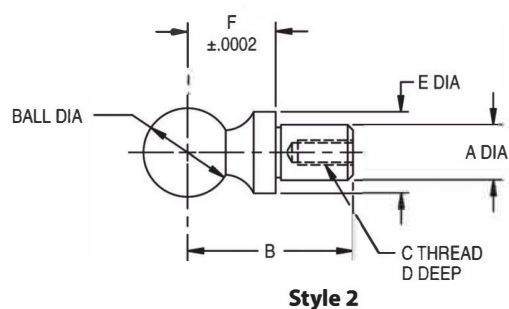
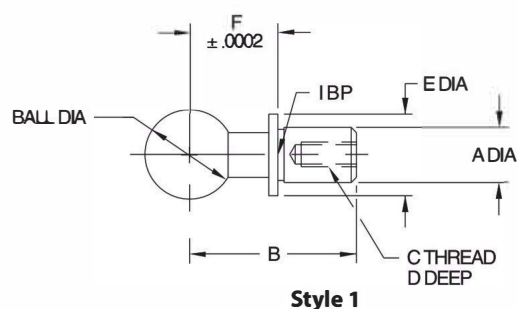
Stainless Steel (Inch)



Stainless Steel (Metric)

Also available in stainless steel!

Precision tooling ball used as a reference point for critical inspection, layout, and machining operations. Shoulder type has a precision height-reference shoulder to locate the ball in three dimensions. Concentricity between ball and shank is .0002" TIR. Stainless steel version is available with ball diameters from 1/4 to 1/2" (12mm in metric).



STAINLESS STEEL (INCH)

PART NO.	BALL DIA		A DIA		B	C	D	E DIA	F	STYLE
	NOMINAL	ACTUAL	NOMINAL	ACTUAL						
CL-0-SCB-S	1/4	.2502/.2498	1/8	.1250/.1246	.56	—	—	.25	.2000	1
CL-1-SCB-S	1/2	.5000/.4997	1/4	.2500/.2497	.63	#6-32	1/4	.46	.3125	2
CL-2-SCB-S		.5000/.4997			.94	#6-32	5/16	.46	.5000	2

STAINLESS STEEL (METRIC)

PART NO.	BALL DIA (mm)		A DIA (mm)		B (mm)	C (mm)	D (mm)	E DIA (mm)	F (mm)	STYLE
	NOMINAL	ACTUAL	NOMINAL	ACTUAL						
CLM-00-SCB-S	12	12.004/11.994	6	6.000/5.989	22	—	—	12	12	1
CLM-1-SCB-S					25	M3.5	6	12	12	1
CLM-7-SCB-S	20	20.004/19.994	10	10.000/9.989	38	M6	9.5	20	20	1