

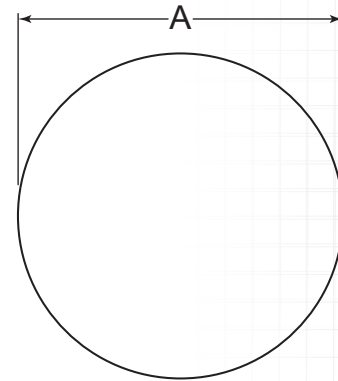
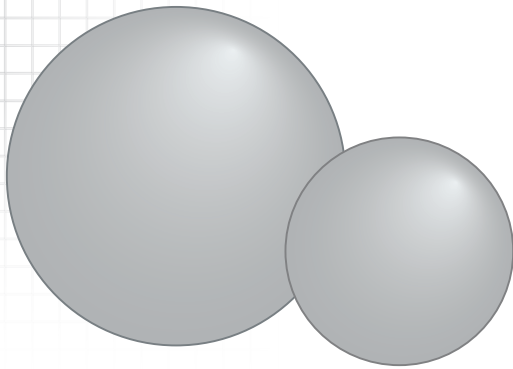
PRECISION – METRIC

DESCRIPTION

Precision balls are used mainly in ball bearing designs and other demanding industrial applications. The surface is fine finished and through hardened for a high load capacity.

HOW TO IDENTIFY

1. Verify round design.
2. Select grade.
3. Measure diameter (A).
4. Build the part number from the chart below.



PREFIX MATERIAL/FINISH

BALLM16 = GRADE 200,
316 STAINLESS STEEL, PLAIN
BALLM-1210 = GRADE 25, CHROME STEEL, PLAIN

BALLM-1215 = GRADE 25,
440 STAINLESS STEEL, PLAIN
Material/finish combinations may not be available in all sizes.

HOW TO BUILD A PART NUMBER

BALLM-1210-135

BALLM-1210-

135

ITEM PREFIX

TO ORDER CHOOSE
YOUR MATERIAL,

(A)
DIAMETER

CHOOSE YOUR
DIAMETER.

CODE	MATERIAL
BALLM16	Grade 200, 316 Stainless Steel, Plain
BALLM-1210	Grade 25, Chrome Steel, Plain
BALLM-1215	Grade 25, 440 Stainless Steel, plain

CODE	DIAMETER
008	0.80 mm
010	1.00 mm
012	1.20 mm
015	1.50 mm
020	2.00 mm
025	2.50 mm
030	3.00 mm
035	3.50 mm
040	4.00 mm
045	4.50 mm
050	5.00 mm
055	5.50 mm
060	6.00 mm
065	6.50 mm

CODE	DIAMETER
070	7.00 mm
075	7.50 mm
080	8.00 mm
085	8.50 mm
090	9.00 mm
095	9.50 mm
100	10.00 mm
105	10.50 mm
110	11.00 mm
115	11.50 mm
120	12.00 mm
125	12.50 mm
130	13.00 mm
135	13.50 mm

CODE	DIAMETER
140	14.00 mm
150	15.00 mm
155	15.50 mm
160	16.00 mm
170	17.00 mm
180	18.00 mm
190	19.00 mm
200	20.00 mm
210	21.00 mm
220	22.00 mm
230	23.00 mm
240	24.00 mm
250	25.00 mm
260	26.00 mm

CODE	DIAMETER
270	27.00 mm
280	28.00 mm
300	30.00 mm
320	32.00 mm
340	34.00 mm
350	35.00 mm
360	36.00 mm
380	38.00 mm
400	40.00 mm
450	45.00 mm
500	50.00 mm

TOLERANCES

Grade	Tolerance
25	±0.00025 mm
200	±0.0752 mm