Part #	Grade	L mm	L inch	W mm	W inch	T mm	T inch	Coating
YB-010-1	N30	8.02	0.32	8.02	0.32	5.02	0.20	Chromate
YB-011-1	N30	8.00	0.31	8.00	0.31	5.00	0.20	Zinc
YB-013-1	N33	8.50	0.33	8.50	0.33	3.00	0.12	Chromate
YB-018-1	N33	6.30	0.25	5.00	0.20	3.80	0.15	Nickel
YB-022-1	N30	2.00	0.08	2.00	0.08	2.50	0.10	Uncoated
YB-152-1	N30	2.00	0.08	2.00	0.08	2.50	0.10	Nickel
YB-042-1	N35	21.50	0.85	6.15	0.24	13.50	0.53	E-Coat

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MAGNET PROPERTIES:

N30:

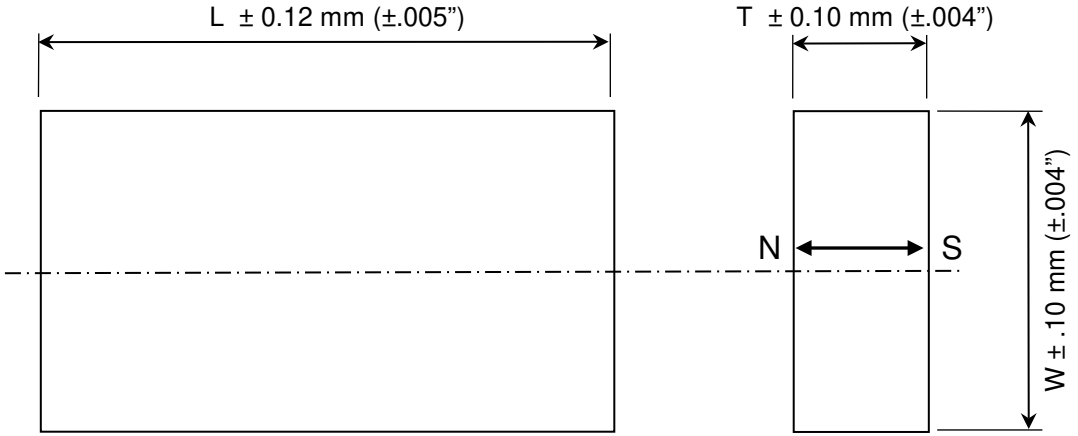
Br: 10,800-11,400 G
Hc: 10,800-11,500 Oe
Hci: ≥12,000 Oe
$BH_{(max)}$: 28-31 MGOe
T max: 80º C (175º F)

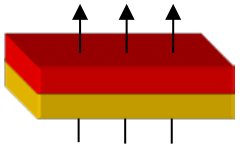
N33:

Br: 11,400-11,700 G
Hc: 10,800-11,500 Oe
Hci: ≥12,000 Oe
$BH_{(max)}$: 30-34 MGOe
T max: 80º C (175º F)

N35:

Br: 11,700-12,200 G
Hc: 10,800-11,500 Oe
Hci: ≥12,000 Oe
$BH_{(max)}$: 33-36 MGOe
T max: 80º C (175º F)





REACH COMPLIANT

Rev	Date	By

TOLERANCES
(UNLESS OTHERWISE NOTED)

DECIMAL
X.XX = ± .01
X.XXX= ± .005

METRIC
X.X = ± .25
X.XX= ± .13

ANGLES
± .5°

DO NOT SCALE DRAWING

Alliance LLC
1450 CLARK DRIVE, VALPARAISO, INDIANA 46385

DESCRIPTION: RARE EARTH BLOCK MAGNET

P/N: YB-XXX-X | **SENSOR MAGNET**

MATERIAL: NdFeB | Dwg by: BT | REV LEVEL: A

COATING: See Table | Apr by: DV | Apr. Dated: 04-10-2020