

ANSI/AGD Group 4 - Mahr Federal Series E and R

Technical Data

When distance or reduced lighting requires a larger size for improved visibility.



Mahr Federal Series E (Inch)

Dial: approx. 3.625in dia. with soft-green tint

Measuring range	Graduation value	Dial style w/o RC	Dial style w/ RC	Range per revolution	Accuracy	Order number w/o Rev Counter	Order number w/ Rev Counter
.020"	.0001"	0-4-0	0-8	.008"	±0001"	E1K	E1K-RC
.025"	.0001"	0-5-0	0-10	.010"	±0001"	42I	42I-RC
.050"	.00025"	0-10-0	0-20	.020"	±00025"	E3K	E3K-RC
.075"	.00025"	0-15-0	0-30	.030"	±00025"	E5G	E5G-RC
.050"	.0005"	0-10-0	0-20	.020"	±0005"	E3Q	E3Q-RC
.075"	.0005"	0-15-0	0-30	.030"	±0005"	E5M	E5M-RC
.125"	.0005"	0-25-0	0-50	.050"	±0005"	E7I	E7I-RC
.050"	.001"	0-10-0	0-20	.020"	±001"	E3W	E3W-RC
.125"	.001"	0-25-0	0-50	.050"	±001"	E7O	E7O-RC
.250"	.001"	0-50-0	0-100	.100"	±001"	E8I	E8I-RC

Mahr Federal Series R (Metric – mm)

Dial: approx. 92mm dia. with soft-yellow tint

0.500	0.002	0-10-0	0-20	0.200	±0.002	R1I	R1I-RC
1.250	0.005	0-25-0	0-50	0.500	±0.005	R3I	R3I-RC
2.500	0.010	0-50-0	0-100	1.000	±0.010	R6I	R6I-RC
5.000	0.020	0-100-0	0-200	2.000	±0.020	R8I	R8I-RC

Dimensions

These indicators are normally furnished with continuous dial (with R.C.) or + on right balance dial (w/o R.C.), lug back and .18" by .250" long contact.

ANSI/AGD Group	Mahr Federal Styles	A	B	C	D	E
3	D/Q	69.85mm/ 2.75"	53.98mm/ 2.125"	65.09mm/ 2.563"	15.88mm/ .625"	8.73mm/ .344"
4	E/R	92.08mm/ 3.625"	65.09mm/ 2.563"	87.31mm/ 3.438"	15.88mm/ .625"	8.73mm/ .344"

