SERIES 71

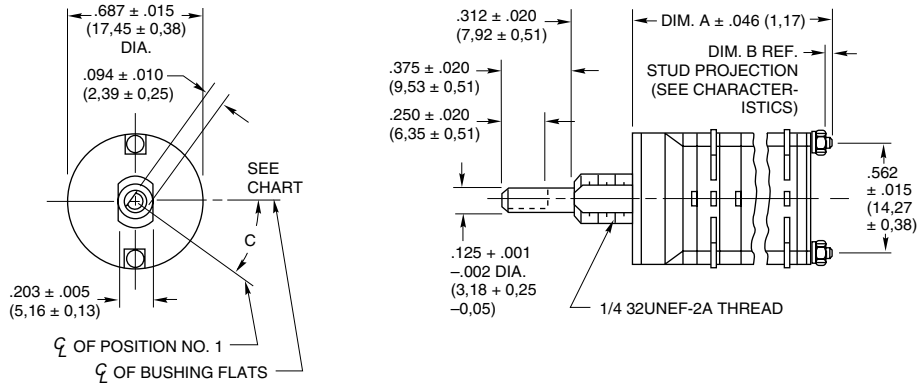
.5-.75" Diameter, 1/4 Amp

FEATURES

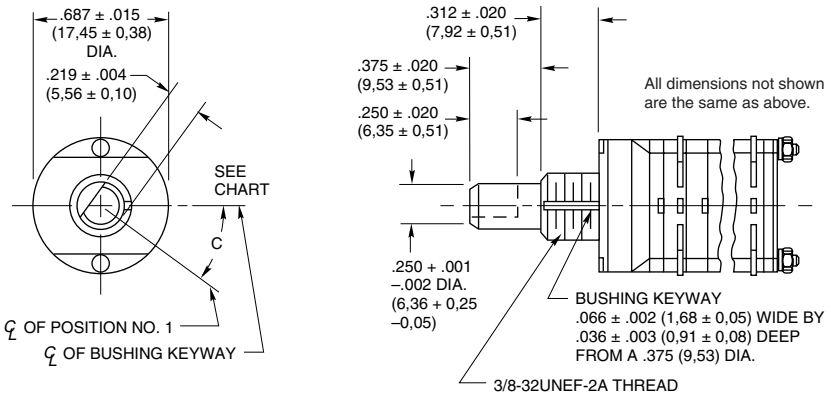
- Performance and Value Leader
- Molded-In Position Terminals
- Choice of Shaft/Bushing Diameters
- 30° and 36° Angles of Throw
- Military Qualified MIL-DTL-3786/39

DIMENSIONS: Standard and Military in inches (and millimeters)

0.125" Diameter Shaft–Styles A and MA (and sealed versions)



0.250" Diameter Shaft–Styles B and MB (and sealed versions)



No. of Decks	Dimension A	Dimension B	Approx. Weight Grams	No. of Decks	Dimension A	Dimension B	Approx. Weight Grams
1	.761 (19,33)	.031 (0,79)	14	7	2.349 (59,66)	.312 (7,92)	26
2	.979 (24,87)	.031 (0,79)	16	8	2.567 (65,20)	.312 (7,92)	28
3	1.197 (30,40)	.031 (0,79)	18	9	2.785 (70,74)	.312 (7,92)	30
4	1.415 (35,94)	.031 (0,79)	20	10	3.003 (76,28)	.312 (7,92)	32
5	1.633 (41,48)	.031 (0,79)	22	11	3.221 (81,81)	.312 (7,92)	34
6	2.131 (54,13)	.312 (7,92)	24	12	3.439 (87,35)	.312 (7,92)	36

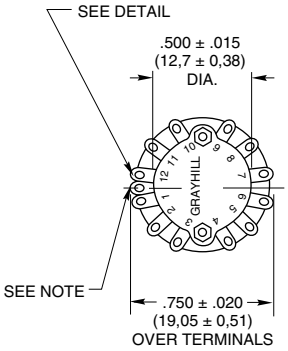
Angle C is 15° in 12 position switches and 36 ° in 10 position switches.

Grayhill part number and date code marked on detent cover label. Customer part number marked on request. Military part number marked when required.

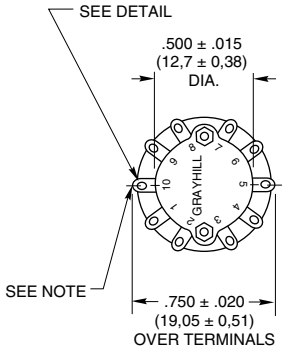
Rear Views–Style A, B, MA, MB (and sealed versions)

30° and 36° Angle of Throw may be interposed on either shaft diameter.

30° Angle of Throw

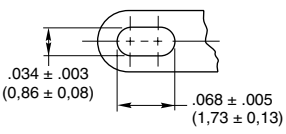


36° Angle of Throw



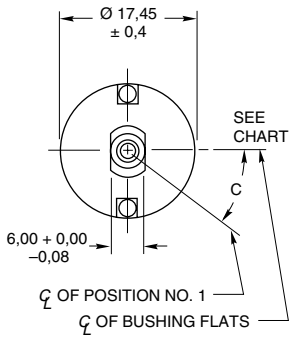
Note: Common location for a single pole per deck switch. For common location on multipole switches see circuit diagrams.

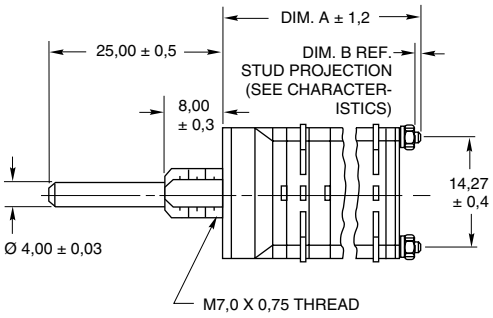
Terminal Detail



DIMENSIONS: Metric All dimensions are in millimeters

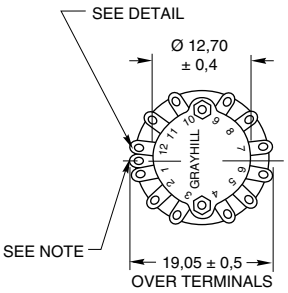
4mm Diameter Shaft–Style E and ES





Rear Views

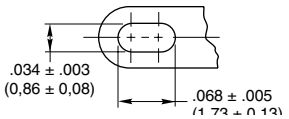
30° Angle of Throw



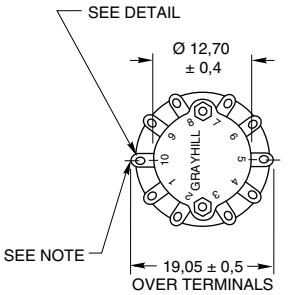
No. of Decks	Dim. A	Dim. B	Approx. Weight Grams
1	19,33	0,79	12
2	24,87	0,79	14
3	30,40	0,79	16
4	35,94	0,79	18
5	41,48	0,79	20
6	54,13	7,92	22
7	59,66	7,92	24
8	65,20	7,92	26
9	70,74	7,92	28
10	76,28	7,92	30
11	81,81	7,92	32
12	87,35	7,92	34

Angle C is 15° in 12 position switches and 36° in 10 position switches.

Terminal Detail



36° Angle of Throw



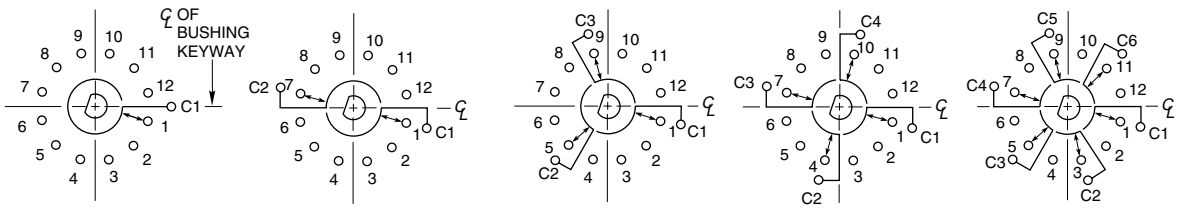
Note: Common location for a single pole per deck switch. For common location on multipole switches see circuit diagrams.

Grayhill part number and date code marked on detent cover label. Customer part number marked on request.

CIRCUIT DIAGRAMS: Standard, Military and Metric

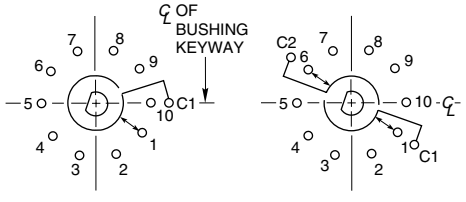
Switch is Viewed From Shaft End and Shown in Position No. 1.
Note: All common terminals are located above base terminals as shown.

30° Angle of Throw



ONE POLE | TWO POLE | THREE POLE | FOUR POLE | FIVE OR SIX POLE

36° Angle of Throw



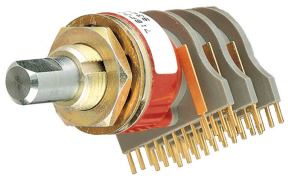
ONE POLE | TWO POLE

SERIES 71

.5-.75" Diameter, 1/4 Amp, PC Mount

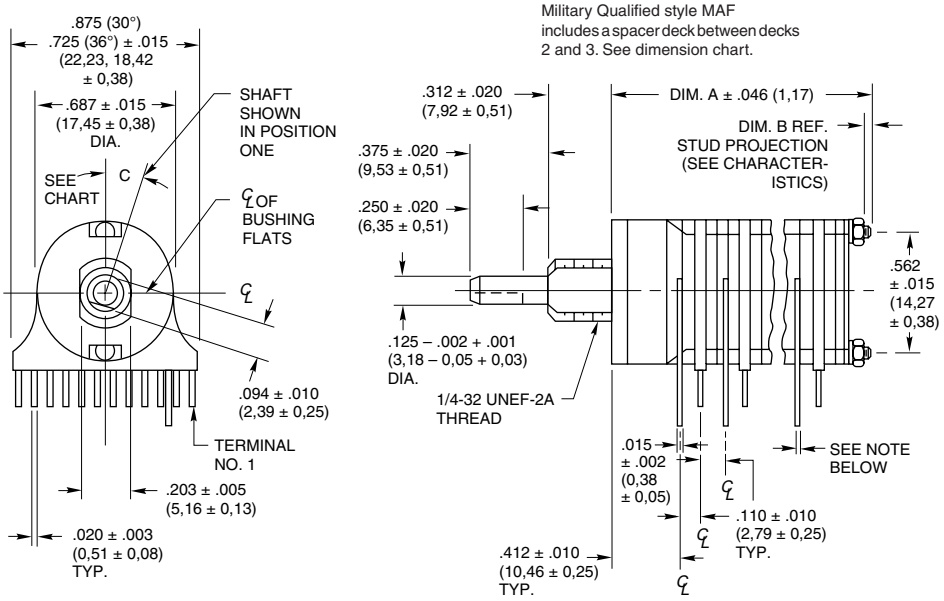
FEATURES

- Terminals From One Side
- Minimum Board Footprint
- Choice of Shaft/Bushing Diameters
- 30° and 36° Angles of Throw
- Military Qualified MIL-DTL-3786/39

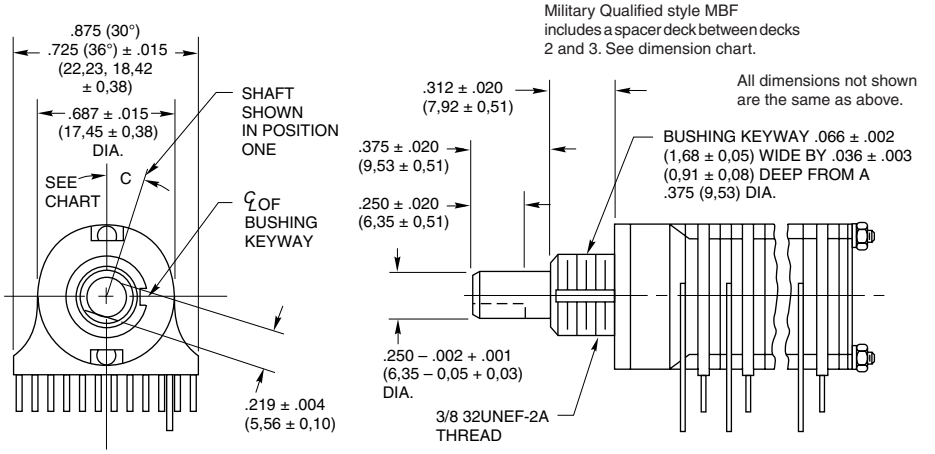


DIMENSIONS: Standard and Military in inches (and millimeters)

0.125" Diameter Shaft: Styles AF and MAF (and sealed versions)



0.250" Diameter Shaft: Styles BF and MBF (and sealed versions)



No. of Decks	Dimension A Standard Style	Dimension A Military Style	Dimension B All Styles	Approx. Weight Grams	No. of Decks	Dimension A Standard Style	Dimension B Standard Style	Approx. Weight Grams
1	.761 (19,33)	.761 (19,33)	.031 (0,79)	12	7	2.349 (59,66)	.312 (7,92)	24
2	.979 (24,87)	.979 (24,87)	.031 (0,79)	14	8	2.567 (65,20)	.312 (7,92)	26
3	1.197 (30,40)	1.415 (35,94)	.031 (0,79)	16*	9	2.785 (70,74)	.312 (7,92)	28
4	1.415 (35,94)	1.633 (41,49)	.031 (0,79)	18*	10	3.003 (76,28)	.312 (7,92)	30
5	1.633 (41,48)	N.A.	.031 (0,79)	20	11	3.221 (81,81)	.312 (7,92)	32
6	2.131 (54,13)	N.A.	.312 (7,92)	22	12	3.439 (87,35)	.312 (7,92)	34

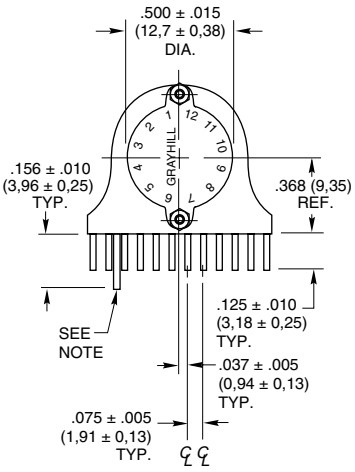
Angle C is 15° in 12 position switches and 18° in 10 position switches.
*Military style switch is 18 grams for 3 decks and 20 grams for 4 decks.

Grayhill part number and date code marked on detent cover label. Customer part number marked on request. Military part number marked when required.

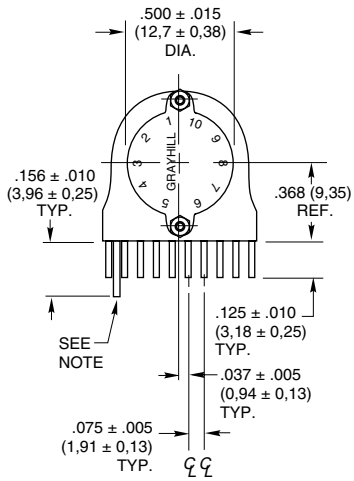
Rear Views: Styles AF, BF, MAF, MBF (and sealed versions)

30° and 36° Angle of Throw may be interposed on either shaft diameter.

30° Angle of Throw



36° Angle of Throw



Note: Common location for a single pole per deck switch. For common location on two pole switches see circuit diagrams.