

FED.SUPPLY CLASS

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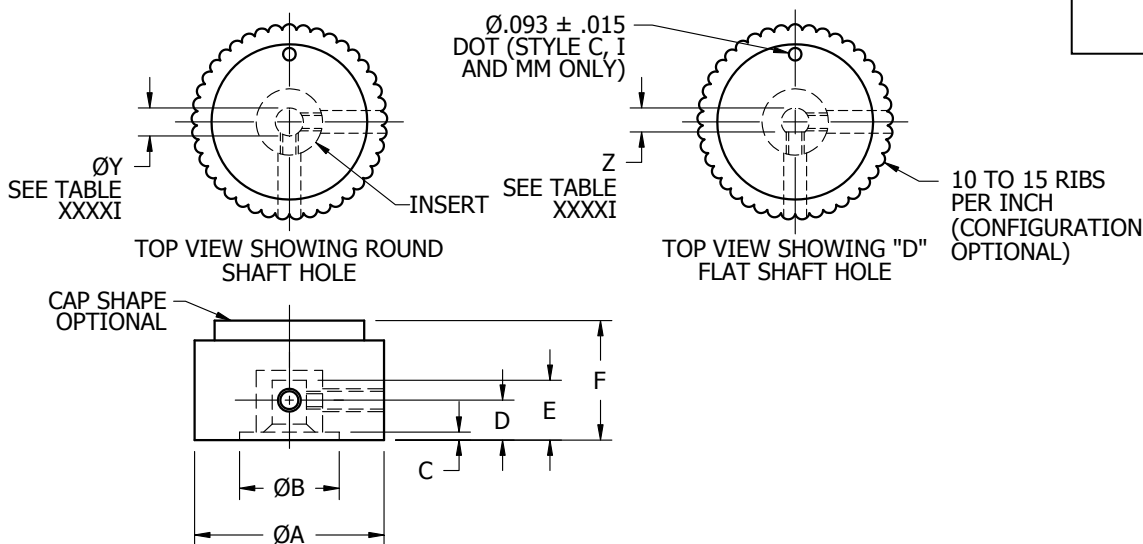
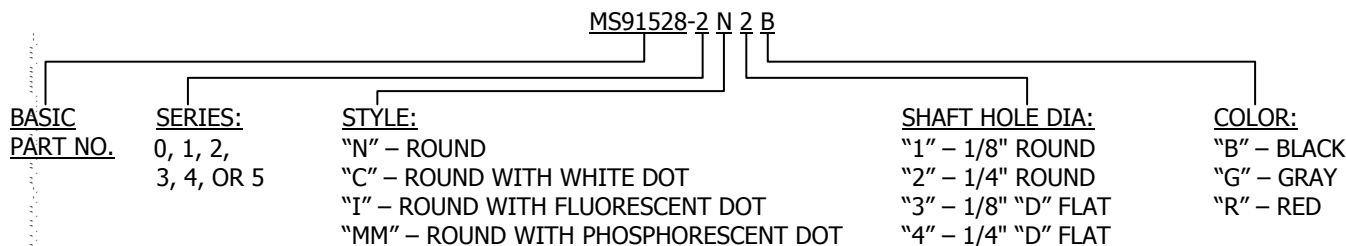


FIGURE 1 - ROUND KNOBS

TABLE I - ROUND KNOB DIMENSIONS

DASH NUMBER	SERIES	ØA +.030 -.010	NUT CLEARANCE		D MAX	E SHAFT HOLE DEPTH MIN	F ±.030	SET SCREWS (2 REQD)	
			ØB MIN	C MIN				1/8" SHAFT HOLE	1/4" SHAFT HOLE
SEE EXAMPLE OF PART NUMBER	0	.500	.435	.026	.158	.405	.510	.1120-40 UNC-3A	.1120-40 UNC-3A
	1	.700	.485	.026	.187	.405	.610	.1120-40 UNC-3A	.1120-40 UNC-3A
	2	.900	.640	.114	.260	.520	.790	.1120-40 UNC-3A	.1640-32 UNC-3A
	3	1.250	.750	.114	.260	.455	.700	—	.1640-32 UNC-3A
	4	1.750	.750	.114	.260	.520	.850	—	.1640-32 UNC-3A
	5	2.250	.750	.114	.260	.520	.875	—	.1640-32 UNC-3A

EXAMPLE OF PART NUMBER:



NOTES:

- STYLE "I" AND "MM" KNOBS: THERMAL SHOCK SHALL BE IN ACCORDANCE WITH TEST CONDITION A, METHOD 107 OF MIL-STD-202.
- FOR GENERAL NOTES, SEE SHEETS 47-48.

① COMPLETELY REVISED

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS91528, REVISION J. PART NUMBERS REMAIN MS91528.

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 1
PROCUREMENT SPECIFICATION NASM3926	TITLE KNOBS, CONTROL, PLASTIC, ROUND, CONCENTRIC, POINTER, SPINNER, SPINNER SLIP-CLUTCH, BAR, TACTILE, KNOB LOCK POINTER, SLIP-CLUTCH, AND KNOB LOCKS	CLASSIFICATION PART STANDARD
		NASM91528 SHEET 1 OF 48

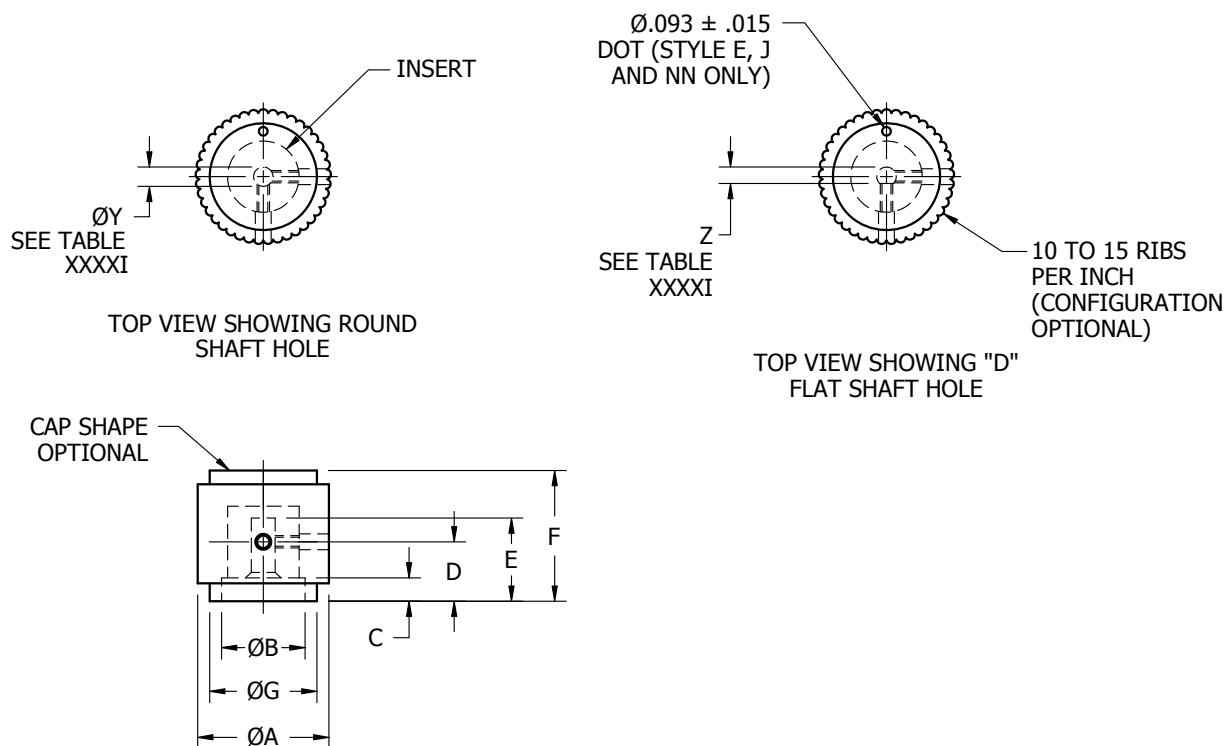


FIGURE 2 – ROUND RING SKIRT KNOBS

TABLE II – ROUND RING SKIRT KNOB DIMENSIONS

DASH NUMBER	SERIES	ØA +.030 -.010	NUT CLEARANCE		D MAX	E SHAFT HOLE DEPTH MIN	F ±.030	ØG MAX	SET SCREWS (2 REQD)	
			ØB MIN	C MIN					1/8" SHAFT HOLE	1/4" SHAFT HOLE
SEE EXAMPLE OF PART NUMBER	0	.500	.300	.177	.325	.560	.655	.460	.1120-40 UNC-3A	.1120-40 UNC-3A
	1	.700	.485	.188	.369	.568	.782	.680	.1120-40 UNC-3A	.1120-40 UNC-3A
	2	.900	.640	.320	.484	.730	1.010	.845	.1120-40 UNC-3A	.1640-32 UNC-3A
	3	1.250	.750	.750	.427	.605	.850	1.185	—	.1640-32 UNC-3A
	4	1.750	.750	.320	.489	.740	1.070	1.690	—	.1640-32 UNC-3A
	5	2.250	.750	.320	.489	.740	1.095	2.185	—	.1640-32 UNC-3A

EXAMPLE OF PART NUMBER:

MS91528-2 E 2 B				
BASIC PART NO.	SERIES: 0, 1, 2, 3, 4, OR 5	STYLE: "D" – SKIRTED ROUND "E" – SKIRTED ROUND WITH WHITE DOT "J" – SKIRTED ROUND WITH FLUORESCENT DOT "NN" – SKIRTED ROUND WITH PHOSPHORESCENT DOT	SHAFT HOLE DIA: "1" – 1/8" ROUND "2" – 1/4" ROUND "3" – 1/8" "D" FLAT "4" – 1/4" "D" FLAT	COLOR: "B" – BLACK "G" – GRAY "R" – RED

NOTES:

- STYLE "J" AND "NN" KNOBS: THERMAL SHOCK SHALL BE IN ACCORDANCE WITH TEST CONDITION A, METHOD 107 PER MIL-STD-202.
- FOR GENERAL NOTES, SEE SHEETS 47-48.

① COMPLETELY REVISED

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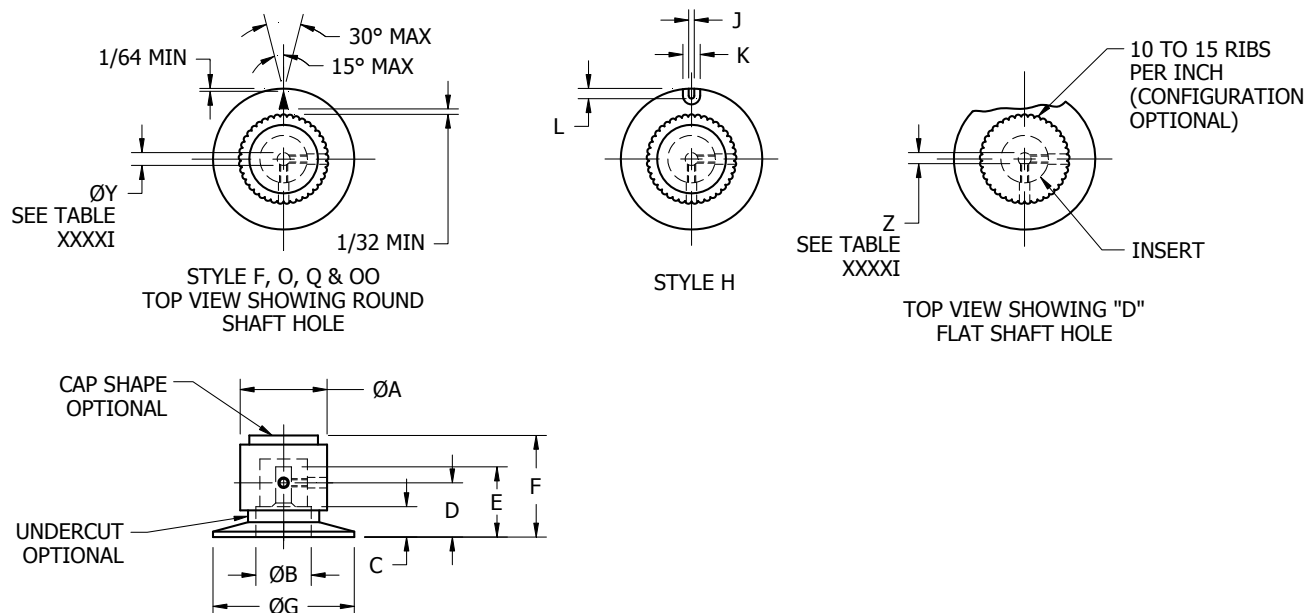
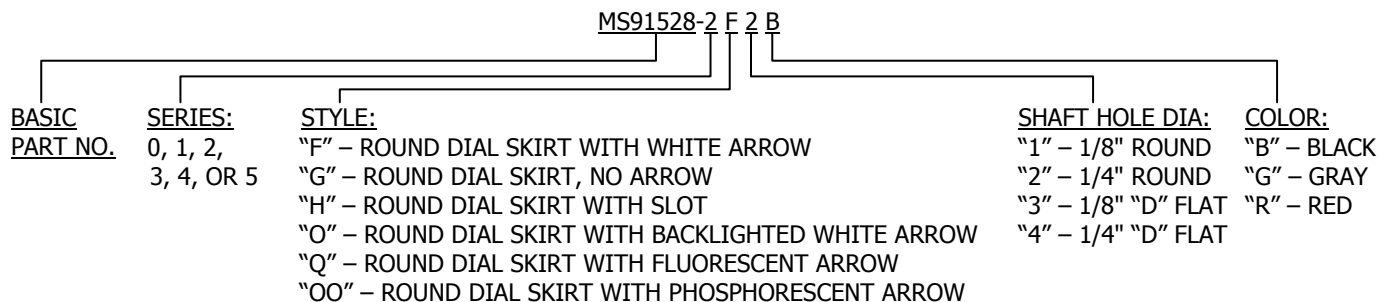


FIGURE 3 - ROUND DIAL SKIRT KNOBS

TABLE III - ROUND DIAL SKIRT KNOB DIMENSIONS

DASH NUMBER	SERIES	ØA +.030 -.010	NUT CLEARANCE		D MAX	E SHAFT HOLE DEPTH MIN	F ±.030	ØG MAX	J ±.010	K ±.010	L ±.010	SET SCREWS (2 REQD)	
			ØB MIN	C MIN								1/8" SHAFT HOLE	1/4" SHAFT HOLE
SEE EXAMPLE OF PART NUMBER	0	.500	.300	.177	.325	.560	.655	.900	.063	.188	.125	.1120-40 UNC-3A	.1120-40 UNC-3A
	1	.700	.485	.188	.369	.568	.782	1.150	.063	.188	.125	.1120-40 UNC-3A	.1120-40 UNC-3A
	2	.900	.640	.320	.484	.730	1.010	1.525	.063	.188	.218	.1120-40 UNC-3A	.1640-32 UNC-3A
	3	1.250	.750	.250	.427	.605	.850	1.837	.063	.188	.218	-	.1640-32 UNC-3A
	4	1.750	.750	.320	.489	.740	1.070	2.468	-	-	-	-	.1640-32 UNC-3A
	5	2.250	.750	.320	.489	.740	1.095	3.020	-	-	-	-	.1640-32 UNC-3A

EXAMPLE OF PART NUMBER:



NOTES:

- (a) STYLE "O" KNOBS: ARROW BACKLIGHTED IN ACCORDANCE WITH MIL-DTL-7788.
STYLE "Q" AND "OO" KNOBS: THERMAL SHOCK SHALL BE IN ACCORDANCE WITH TEST CONDITION A,
METHOD 107 OF MIL-STD-202.
- (b) FOR GENERAL NOTES, SEE SHEETS 47-48.

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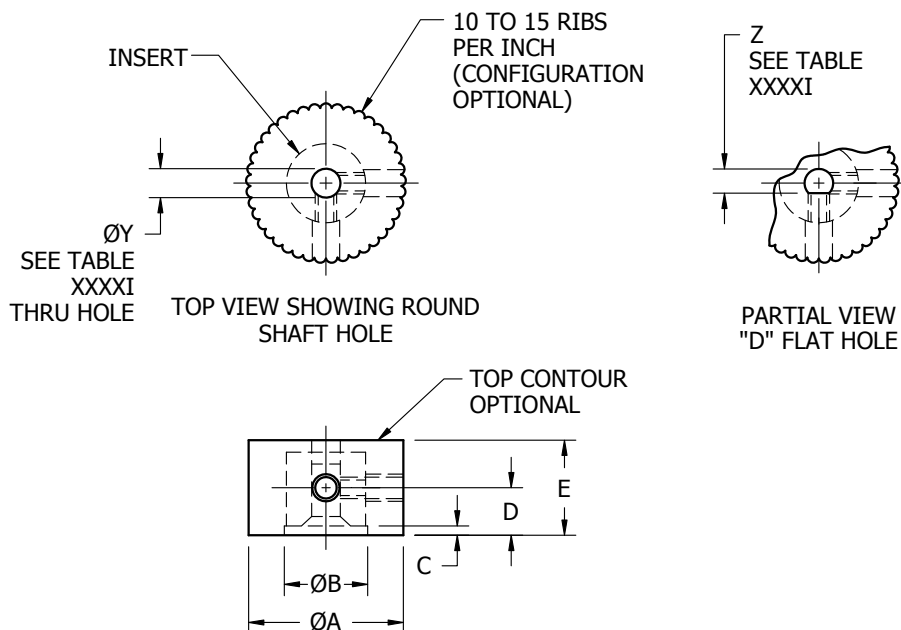
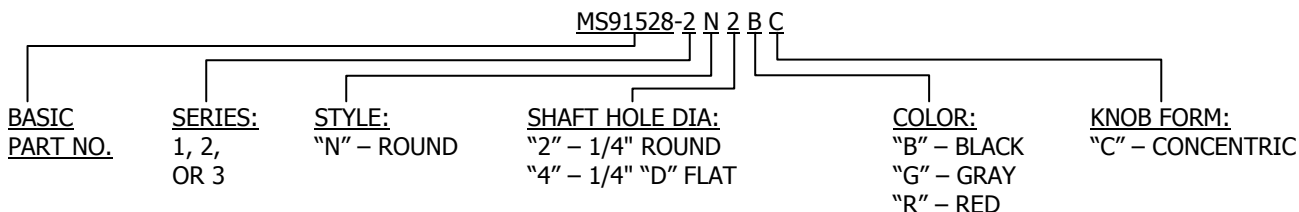


FIGURE 4 – ROUND CONCENTRIC KNOBS

TABLE IV – ROUND CONCENTRIC KNOB DIMENSIONS

DASH NUMBER	SERIES	ØA +.030 -.010	NUT CLEARANCE		D MAX	E ±.015	SET SCREWS (2 REQD)
			ØB MIN	C MIN			1/4" SHAFT HOLE
SEE EXAMPLE OF PART NUMBER	1	.700	.485	.026	.187	.510	.1120-40 UNC-3A
	2	.900	.640	.114	.260	.655	.1640-32 UNC-3A
	3	1.250	.750	.114	.260	.530	.1640-32 UNC-3A

EXAMPLE OF PART NUMBER:



NOTES:

- (a) CONCENTRIC KNOBS CONSIST OF TWO SEPARATE PARTS: AN UPPER KNOB FOR THE INNER CONTROL SHAFT AND A LOWER KNOB FOR THE OUTER CONTROL SHAFT. EACH IS IDENTIFIED BY ITS OWN MS DASH NUMBER AND EACH MUST BE SPECIFIED AND ORDERED SEPARATELY. ONLY LOWER KNOBS FOR OUTER CONTROL SHAFTS ARE DETAILED ON THIS SHEET. UPPER KNOBS FOR INNER CONTROL SHAFTS SHOULD BE SPECIFIED AND SELECTED FROM AMONG THE 1/8 INCH SHAFT HOLE DIAMETER ROUND RING SKIRT ROUND, ROUND TACTILE, AND RING SKIRT ROUND TACTILE KNOBS DETAILED ON SHEETS 1, 2, 30 AND 31. ORDINARILY, SERIES 0 UPPER KNOBS ARE USED WITH SERIES 1 CONCENTRIC LOWER KNOBS; SIMILARLY, SERIES 1 AND SERIES 2 UPPER KNOBS ARE USED WITH SERIES 2 AND SERIES 3 CONCENTRIC LOWER KNOBS, RESPECTIVELY.
- (b) FOR GENERAL NOTES, SEE SHEETS 47-48.

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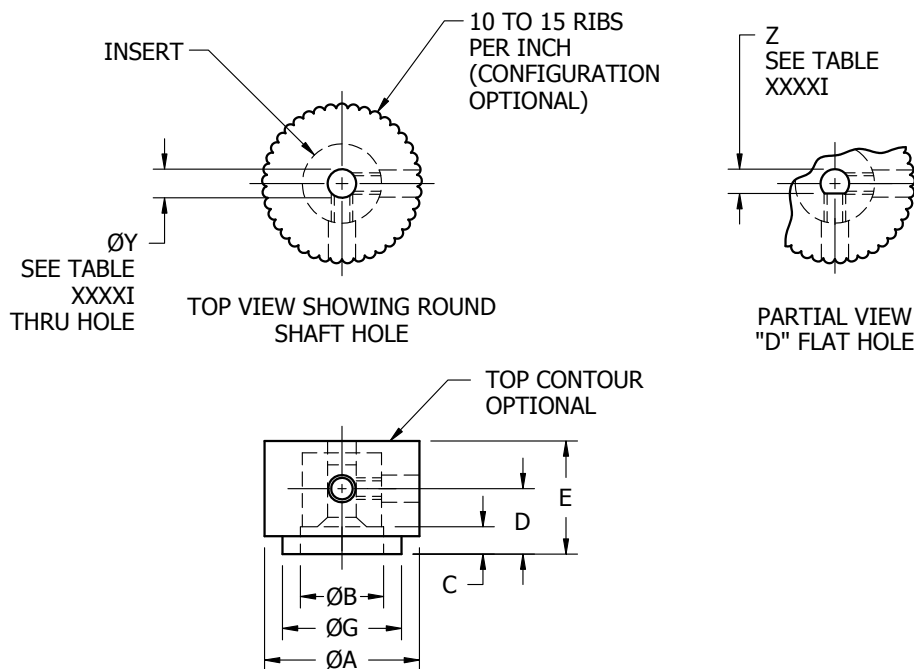
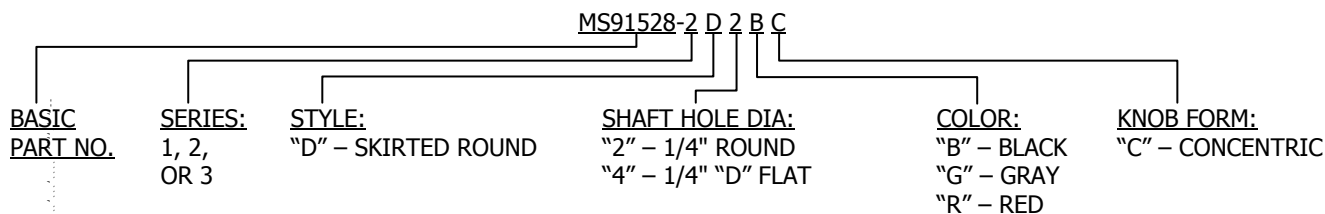


FIGURE 5 - ROUND CONCENTRIC RING SKIRT KNOBS

TABLE V - ROUND CONCENTRIC RING SKIRT KNOB DIMENSIONS

DASH NUMBER	SERIES	ØA +.030 -.010	NUT CLEARANCE		D MAX	E ±.025	ØG MAX	SET SCREWS (2 REQD)
			ØB MIN	C MIN				1/4" SHAFT HOLE
SEE EXAMPLE OF PART NUMBER	1	.700	.485	.188	.369	.690	.680	.1120-40 UNC-3A
	2	.900	.640	.320	.484	.885	.845	.1640-32 UNC-3A
	3	1.250	.750	.250	.427	.700	1.185	.1640-32 UNC-3A

EXAMPLE OF PART NUMBER:



NOTES:

- (a) CONCENTRIC KNOBS CONSIST OF TWO SEPARATE PARTS: AN UPPER KNOB FOR THE INNER CONTROL SHAFT AND A LOWER KNOB FOR THE OUTER CONTROL SHAFT. EACH IS IDENTIFIED BY ITS OWN MS DASH NUMBER AND EACH MUST BE SPECIFIED AND ORDERED SEPARATELY. ONLY LOWER KNOBS FOR OUTER CONTROL SHAFTS ARE DETAILED ON THIS SHEET. UPPER KNOBS FOR INNER CONTROL SHAFTS SHOULD BE SPECIFIED AND SELECTED FROM AMONG THE 1/8 INCH SHAFT HOLE DIAMETER ROUND RING SKIRT ROUND, ROUND TACTILE, AND RING SKIRT ROUND TACTILE KNOBS DETAILED ON SHEETS 1, 2, 30 AND 31. ORDINARILY, SERIES 0 UPPER KNOBS ARE USED WITH SERIES 1 CONCENTRIC LOWER KNOBS; SIMILARLY, SERIES 1 AND SERIES 2 UPPER KNOBS ARE USED WITH SERIES 2 AND SERIES 3 CONCENTRIC LOWER KNOBS, RESPECTIVELY.
- (b) FOR GENERAL NOTES, SEE SHEETS 47-48.

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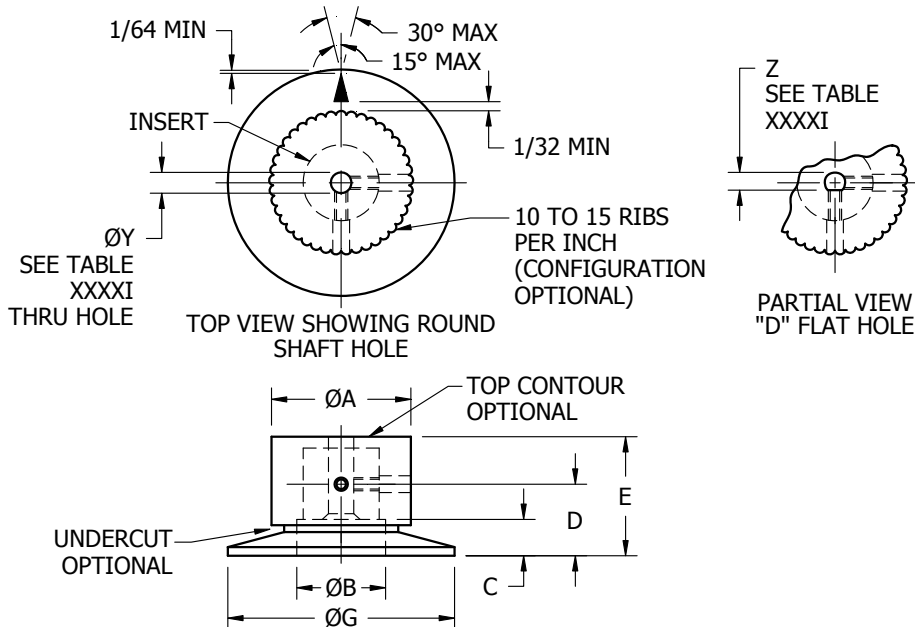
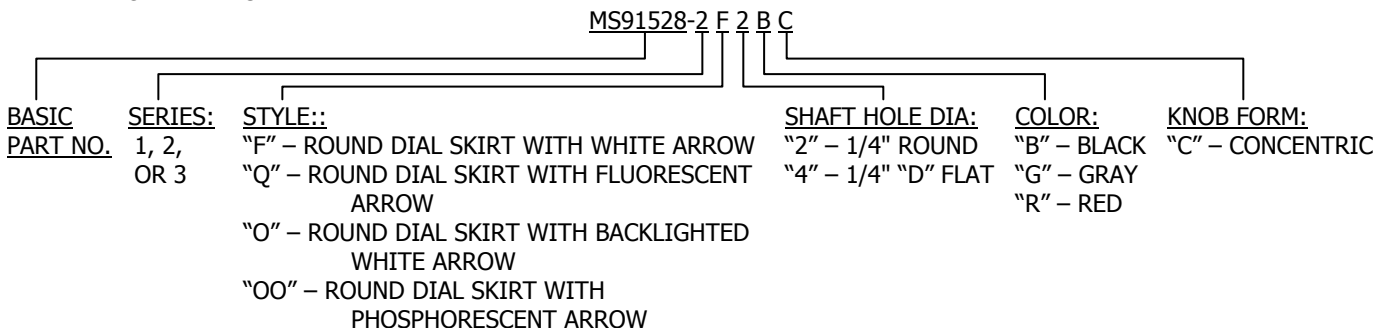


FIGURE 6 - ROUND CONCENTRIC DIAL SKIRT KNOBS

TABLE VI - ROUND CONCENTRIC DIAL SKIRT KNOB DIMENSIONS

DASH NUMBER	SERIES	ØA +.030 -.010	NUT CLEARANCE		D MAX	E ±.025	ØG MAX	SET SCREWS (2 REQD)
			ØB MIN	C MIN				1/4" SHAFT HOLE
SEE EXAMPLE OF PART NUMBER	1	.700	.485	.188	.369	.690	1.150	.1120-40 UNC-3A
	2	.900	.640	.320	.484	.885	1.525	.1640-32 UNC-3A
	3	1.250	.750	.250	.427	.700	1.837	.1640-32 UNC-3A

EXAMPLE OF PART NUMBER:



NOTES:

- CONCENTRIC KNOBS CONSIST OF TWO SEPARATE PARTS: AN UPPER KNOB FOR THE INNER CONTROL SHAFT AND A LOWER KNOB FOR THE OUTER CONTROL SHAFT. EACH IS IDENTIFIED BY ITS OWN MS DASH NUMBER AND EACH MUST BE SPECIFIED AND ORDERED SEPARATELY. ONLY LOWER KNOBS FOR OUTER CONTROL SHAFTS ARE DETAILED ON THIS SHEET. UPPER KNOBS FOR INNER CONTROL SHAFTS SHOULD BE SPECIFIED AND SELECTED FROM AMONG THE 1/8 INCH SHAFT HOLE DIAMETER ROUND RING SKIRT ROUND, ROUND TACTILE, AND RING SKIRT ROUND TACTILE KNOBS DETAILED ON SHEETS 1, 2, 30 AND 31. ORDINARILY, SERIES 0 UPPER KNOBS ARE USED WITH SERIES 1 CONCENTRIC LOWER KNOBS; SIMILARLY, SERIES 1 AND SERIES 2 UPPER KNOBS ARE USED WITH SERIES 2 AND SERIES 3 CONCENTRIC LOWER KNOBS, RESPECTIVELY.
 - STYLE "O" KNOBS: ARROW BACKLIGHTED IN ACCORDANCE WITH MIL-P-7788. STYLE "Q" AND "OO" KNOBS: THERMAL SHOCK SHALL BE IN ACCORDANCE WITH TEST CONDITION A, METHOD 107 OF MIL-STD-202.
 - FOR GENERAL NOTES, SEE SHEETS 47-48.
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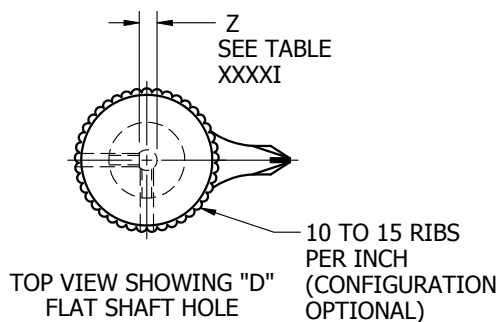
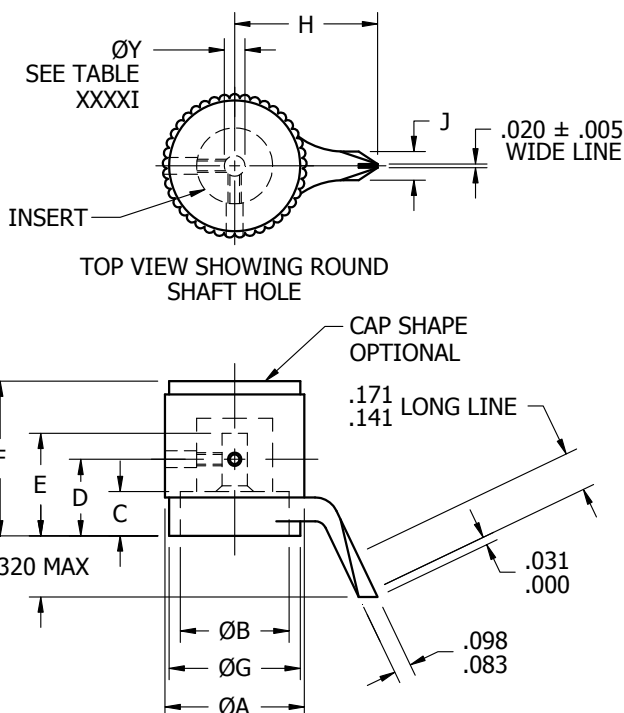


FIGURE 7 – KNOB LOCK POINTER KNOBS

TABLE VII – KNOB LOCK POINTER KNOB DIMENSIONS

DASH NUMBER	SERIES	ØA +.030 -.010	NUT CLEARANCE		D MAX	E SHAFT HOLE DEPTH MIN	F ±.030	ØG MAX	H MAX	J MAX	SET SCREWS (2 REQD)	
			ØB MIN	C MIN							1/8" SHAFT HOLE	1/4" SHAFT HOLE
SEE EXAMPLE OF PART NUMBER	1	.700	.560	.188	.369	.568	.782	.680	.812	.160	.1120-40 UNC-3A	.1120-40 UNC-3A
	2	.900	.640	.188	.437	.680	.958	.845	.968	.205	—	.1640-32 UNC-3A
	3	1.250	.750	.188	.442	.605	.862	1.185	1.125	.270	—	.1640-32 UNC-3A

EXAMPLE OF PART NUMBER:

MS91528-2 AA 2 B												
BASIC PART NO.	SERIES: 1, 2 OR 3	STYLE: "AA" – ROUND KNOB LOCK POINTER WITH WHITE LINE "BB" – ROUND KNOB LOCK POINTER WITH FLUORESCENT LINE "QQ" – ROUND KNOB LOCK POINTER WITH PHOSPHORESCENT LINE	SHAFT HOLE DIA: "1" – 1/8" ROUND "2" – 1/4" ROUND "3" – 1/8" "D" FLAT "4" – 1/4" "D" FLAT		COLOR: "B" – BLACK "G" – GRAY "R" – RED							

NOTES:

- STYLE "BB" AND "QQ" KNOBS: THERMAL SHOCK SHALL BE IN ACCORDANCE WITH TEST CONDITION A, METHOD 107 OF MIL-STD-202.
- KNOB LOCK POINTER KNOBS ARE USED WITH KNOB LOCKS AS SHOWN ON SHEET 35.
- FOR GENERAL NOTES, SEE SHEETS 47-48.

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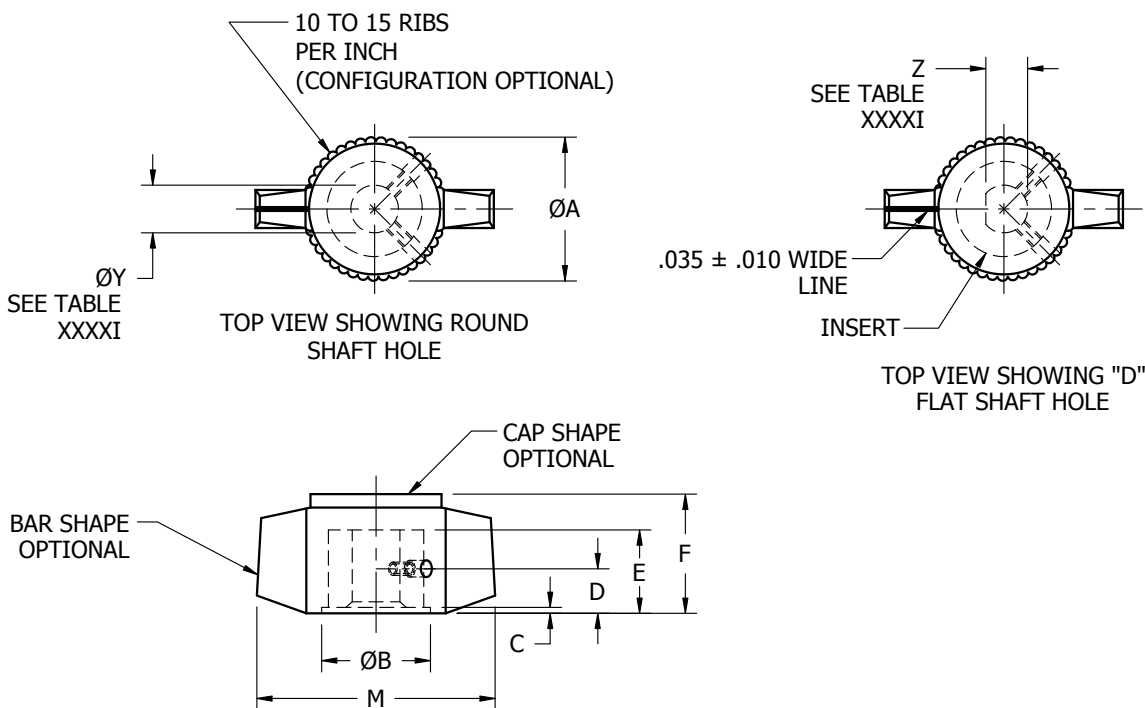


FIGURE 8 - ROUND BAR KNOBS

TABLE VIII - ROUND BAR KNOB DIMENSIONS

DASH NUMBER	SERIES	ØA +.030 -.010	NUT CLEARANCE		D MAX	E SHAFT HOLE DEPTH MIN	F ±.030	M ±.025	SET SCREWS (2 REQD)	
			ØB MIN	C MIN					1/8" SHAFT HOLE	1/4" SHAFT HOLE
SEE EXAMPLE OF PART NUMBER	1	.700	.485	.026	.187	.405	.610	1.150	.1120-40 UNC-3A	.1120-40 UNC-3A

EXAMPLE OF PART NUMBER:

MS91528-1 GG 2 B									
<u>BASIC</u> <u>PART NO.</u>	<u>SERIES:</u> 1	<u>STYLE:</u> "GG" - ROUND BAR WITH WHITE LINE "JJ" - ROUND BAR WITH FLUORESCENT LINE "SS" - ROUND BAR WITH PHOSPHORESCENT LINE	<u>SHAFT HOLE DIA:</u> "1" - 1/8" ROUND "2" - 1/4" ROUND "3" - 1/8" "D" FLAT "4" - 1/4" "D" FLAT		<u>COLOR:</u> "B" - BLACK "G" - GREY "R" - RED				

NOTES:

- STYLE "JJ" AND "SS" KNOBS: THERMAL SHOCK SHALL BE IN ACCORDANCE WITH TEST CONDITION A, METHOD 107 OF MIL-STD-202.
- FOR GENERAL NOTES, SEE SHEETS 47-48.

① COMPLETELY REVISED

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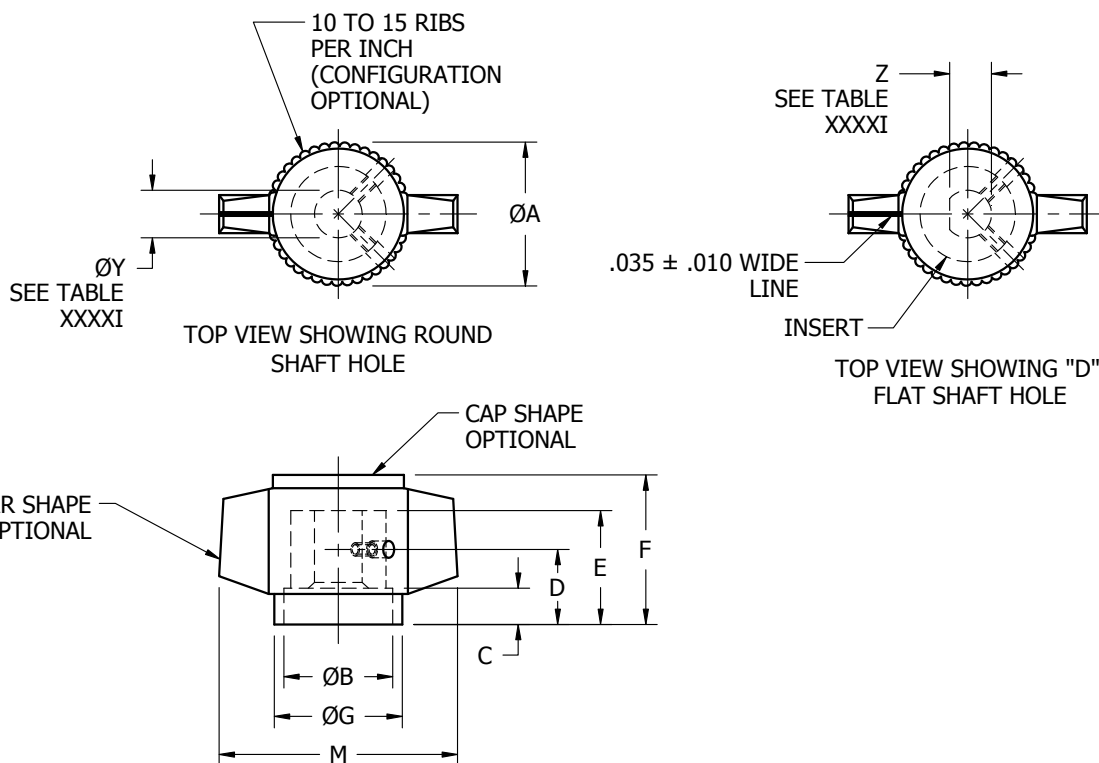


FIGURE 9 - ROUND BAR RING SKIRT KNOBS

TABLE IX - ROUND BAR RING SKIRT KNOB DIMENSIONS

DASH NUMBER	SERIES	ØA +.030 -.010	NUT CLEARANCE		D MAX	E MIN	F ±.030	ØG MAX	M ±.025	SET SCREWS (2 REQD)	
			ØB MIN	C MIN						1/8" SHAFT HOLE	1/4" SHAFT HOLE
SEE EXAMPLE OF PART NUMBER	1	.700	.485	.188	.369	.568	.782	.680	1.150	.1120-40 UNC-3A	.1120-40 UNC-3A

EXAMPLE OF PART NUMBER:

MS91528-1 HH 2 B

<u>BASIC</u> PART NO. 1	<u>SERIES:</u> "HH" - ROUND BAR RING SKIRTED WITH WHITE LINE "KK" - ROUND BAR RING SKIRTED WITH FLUORESCENT LINE "PP" - ROUND BAR RING SKIRTED WITH PHOSPHORESCENT LINE	<u>STYLE:</u> "1" - 1/8" ROUND "2" - 1/4" ROUND "3" - 1/8" "D" FLAT "4" - 1/4" "D" FLAT	<u>SHAFT HOLE DIA:</u> "B" - BLACK "G" - GREY "R" - RED	<u>COLOR:</u>
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NOTES:

- (a) STYLE "KK" AND "PP" KNOBS: THERMAL SHOCK SHALL BE IN ACCORDANCE WITH TEST CONDITION A, METHOD 107 OF MIL-STD-202.
- (b) FOR GENERAL NOTES, SEE SHEETS 47-48.

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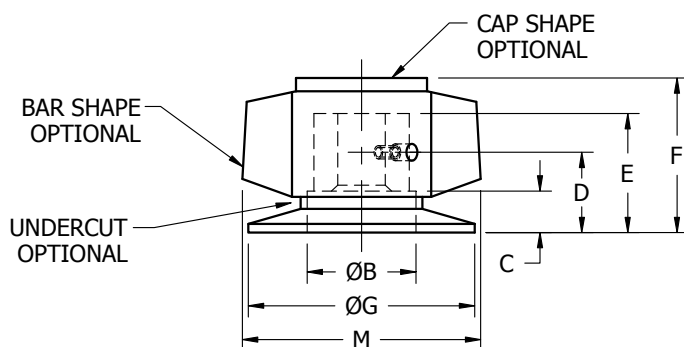
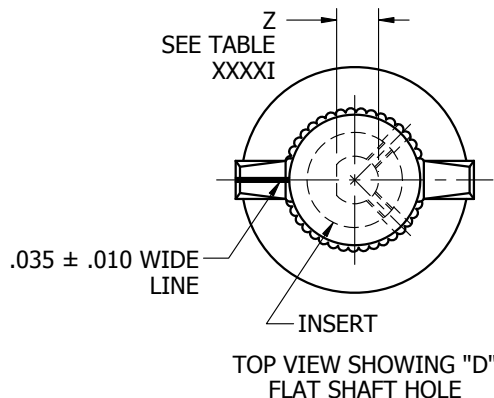
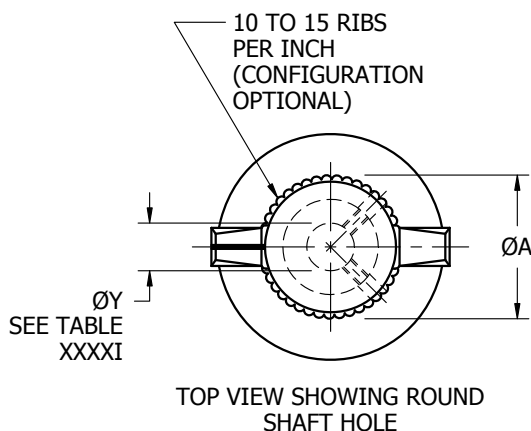


FIGURE 10 – ROUND BAR DIAL SKIRT KNOBS

TABLE X – ROUND BAR DIAL SKIRT KNOB DIMENSIONS

DASH NUMBER	SERIES	ØA +.030 -.010	NUT CLEARANCE		D MAX	E SHAFT HOLE DEPTH MIN	F ±.030	ØG MAX	M ±.025	SET SCREWS (2 REQD)	
			ØB MIN	C MIN						1/8" SHAFT HOLE	1/4" SHAFT HOLE
SEE EXAMPLE OF PART NUMBER	1	.700	.0485	.188	.369	.568	.782	1.150	1.150	.1120-40 UNC-3A	.1120-40 UNC-3A

EXAMPLE OF PART NUMBER:

MS91528-1 II 2 B

BASIC PART NO. 1

SERIES: 1

STYLE:
 "II" – ROUND BAR DIAL SKIRTED WITH WHITE LINE
 "LL" – ROUND BAR DIAL SKIRTED WITH FLUORESCENT LINE
 "VV" – ROUND BAR DIAL SKIRTED WITH PHOSPHORESCENT LINE

SHAFT HOLE DIA:
 "1" – 1/8" ROUND
 "2" – 1/4" ROUND
 "3" – 1/8" "D" FLAT
 "4" – 1/4" "D" FLAT

COLOR:
 "B" – BLACK
 "G" – GREY
 "R" – RED

NOTES:

- STYLE "LL" AND "VV" KNOBS: THERMAL SHOCK SHALL BE IN ACCORDANCE WITH TEST CONDITION A, METHOD 107 OF MIL-STD-202.
- FOR GENERAL NOTES, SEE SHEETS 47-48.

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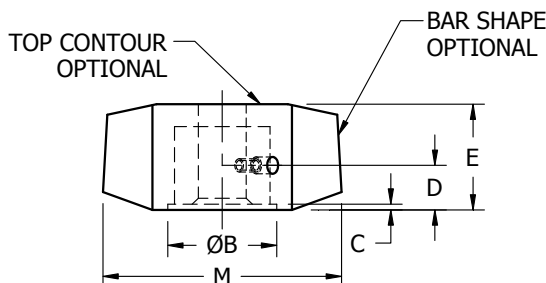
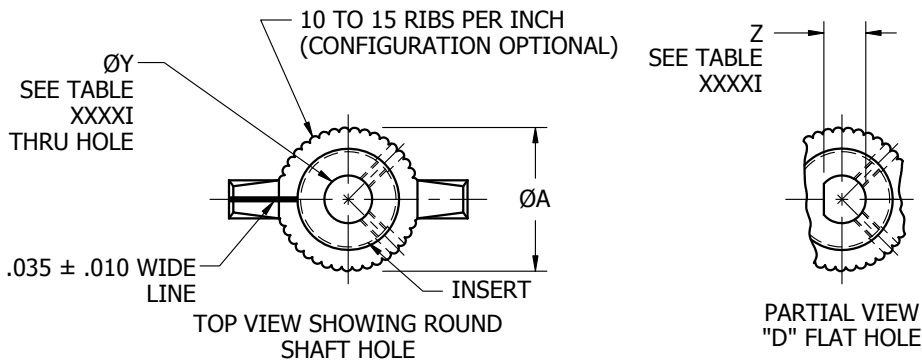
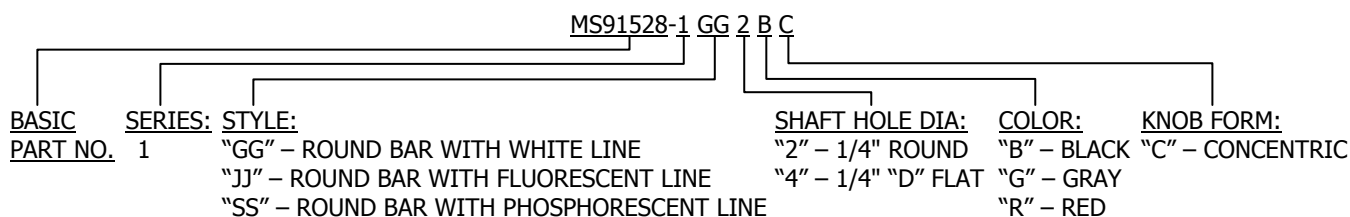


FIGURE 11 – ROUND BAR CONCENTRIC KNOBS

TABLE XI – ROUND BAR CONCENTRIC KNOB DIMENSIONS

DASH NUMBER	SERIES	ØA +.030 -.010	NUT CLEARANCE		D MAX	E ±.015	M ±.025	SET SCREWS (2 REQD) 1/4" SHAFT HOLE
			ØB MIN	C MIN				
SEE EXAMPLE OF PART NUMBER	1	.700	.485	.026	.187	.510	1.150	.1120-40 UNC-3A

EXAMPLE OF PART NUMBER:



NOTES:

- STYLE "JJ" AND "SS" KNOBS: THERMAL SHOCK SHALL BE IN ACCORDANCE WITH TEST CONDITION A, METHOD 107 OF MIL-STD-202.
- CONCENTRIC KNOBS CONSIST OF TWO SEPARATE PARTS: AN UPPER KNOB FOR THE INNER CONTROL SHAFT AND A LOWER KNOB FOR THE OUTER CONTROL SHAFT. EACH IS IDENTIFIED BY ITS OWN MS DASH NUMBER AND EACH MUST BE SPECIFIED AND ORDERED SEPARATELY. ONLY LOWER KNOBS FOR OUTER CONTROL SHAFTS ARE DETAILED ON THIS SHEET. UPPER KNOBS FOR INNER CONTROL SHAFTS SHOULD BE SPECIFIED AND SELECTED FROM AMONG THE 1/8 INCH SHAFT HOLE DIAMETER ROUND RING SKIRT ROUND, ROUND TACTILE, AND RING SKIRT ROUND TACTILE KNOBS DETAILED ON SHEETS 1, 2, 30 AND 31. ORDINARILY, SERIES 0 UPPER KNOBS ARE USED WITH SERIES 1 CONCENTRIC LOWER KNOBS; SIMILARLY, SERIES 1 AND SERIES 2 UPPER KNOBS ARE USED WITH SERIES 2 AND SERIES 3 CONCENTRIC LOWER KNOBS, RESPECTIVELY.
- FOR GENERAL NOTES, SEE SHEETS 47-48.

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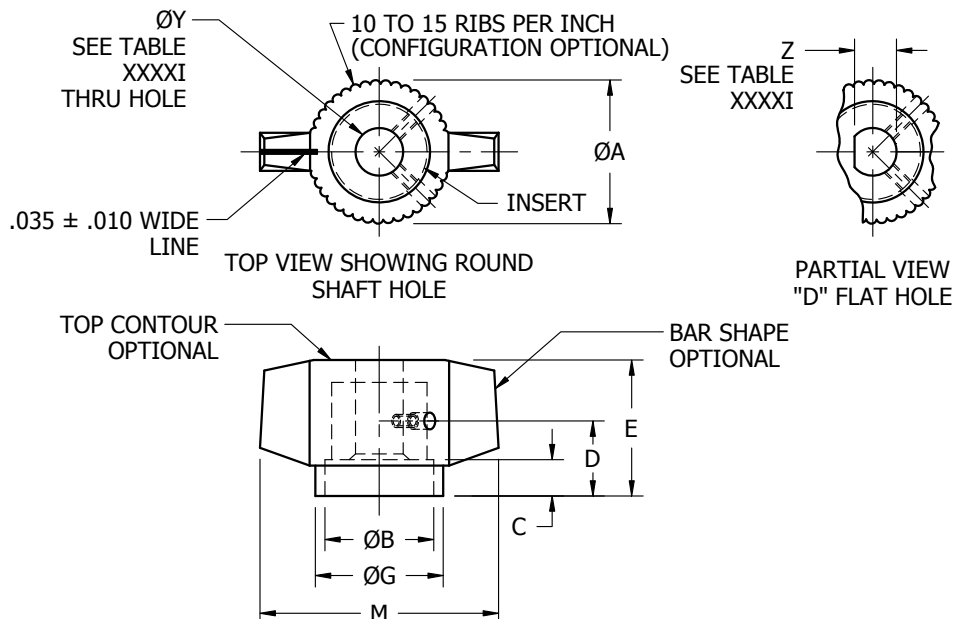
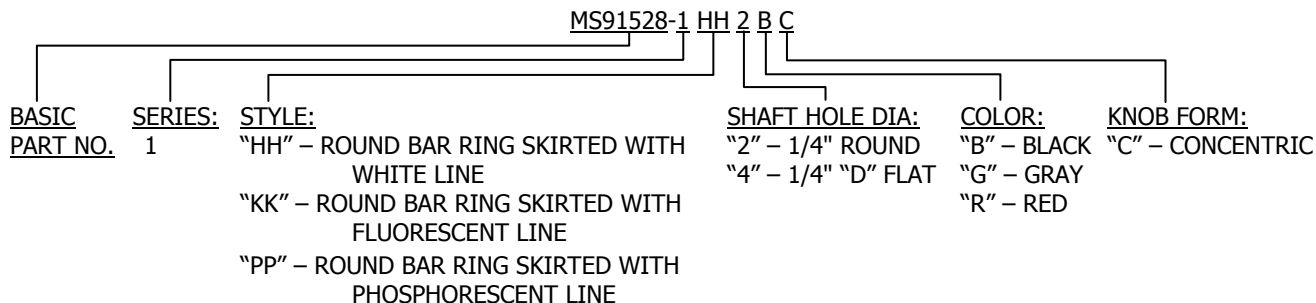


FIGURE 12 - ROUND BAR CONCENTRIC RING SKIRT KNOBS

TABLE XII - ROUND BAR CONCENTRIC RING SKIRT KNOB DIMENSIONS

DASH NUMBER	SERIES	ØA +.030 -.010	NUT CLEARANCE		D MAX	E ±.015	ØG MAX	M ±.025	SET SCREWS (2 REQD) 1/4" SHAFT HOLE
			ØB MIN	C MIN					
SEE EXAMPLE OF PART NUMBER	1	.700	.485	.188	.369	.690	.680	1.150	.1120-40 UNC-3A

EXAMPLE OF PART NUMBER:



NOTES:

- STYLE "KK" AND "PP" KNOBS: THERMAL SHOCK SHALL BE IN ACCORDANCE WITH TEST CONDITION A, METHOD 107 OF MIL-STD-202.
- CONCENTRIC KNOBS CONSIST OF TWO SEPARATE PARTS: AN UPPER KNOB FOR THE INNER CONTROL SHAFT AND A LOWER KNOB FOR THE OUTER CONTROL SHAFT. EACH IS IDENTIFIED BY ITS OWN MS DASH NUMBER AND EACH MUST BE SPECIFIED AND ORDERED SEPARATELY. ONLY LOWER KNOBS FOR OUTER CONTROL SHAFTS ARE DETAILED ON THIS SHEET. UPPER KNOBS FOR INNER CONTROL SHAFTS SHOULD BE SPECIFIED AND SELECTED FROM AMONG THE 1/8 INCH SHAFT HOLE DIAMETER ROUND RING SKIRT ROUND, ROUND TACTILE, AND RING SKIRT ROUND TACTILE KNOBS DETAILED ON SHEETS 1, 2, 30 AND 31. ORDINARILY, SERIES 0 UPPER KNOBS ARE USED WITH SERIES 1 CONCENTRIC LOWER KNOBS; SIMILARLY, SERIES 1 AND SERIES 2 UPPER KNOBS ARE USED WITH SERIES 2 AND SERIES 3 CONCENTRIC LOWER KNOBS, RESPECTIVELY.
- FOR GENERAL NOTES, SEE SHEETS 47-48.

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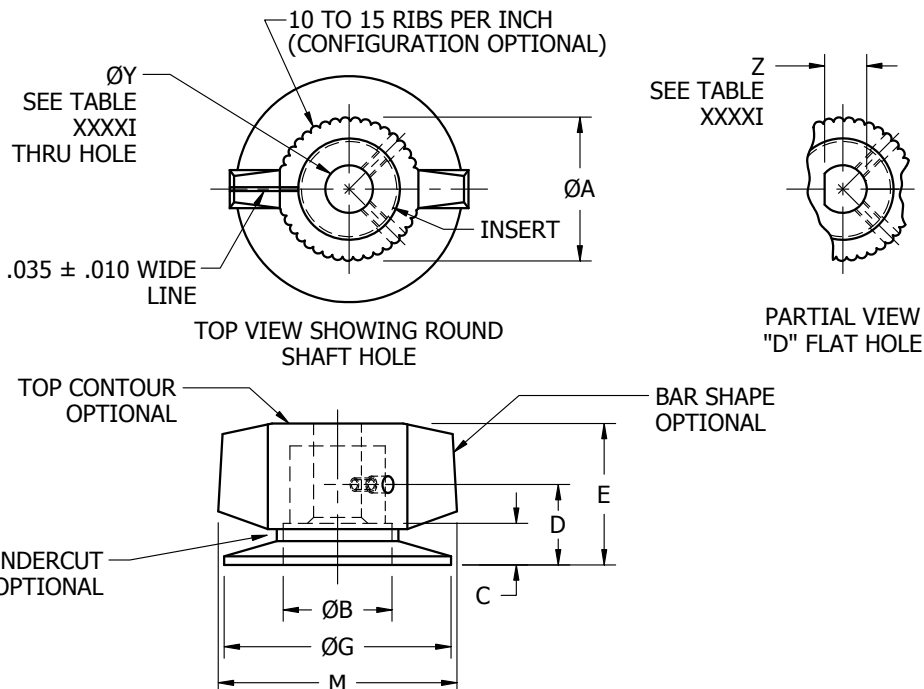
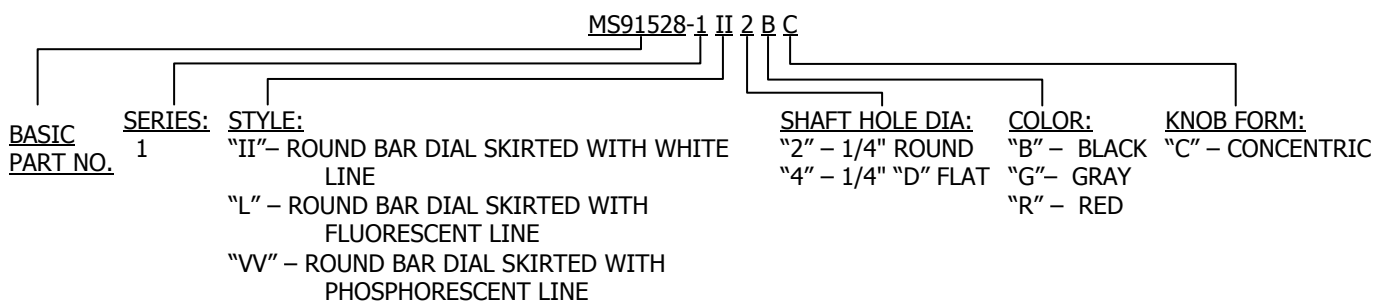


FIGURE 13 - ROUND BAR CONCENTRIC DIAL SKIRT KNOBS

TABLE XIII - ROUND BAR CONCENTRIC DIAL SKIRT KNOB DIMENSIONS

DASH NUMBER	SERIES	ØA +.030 -.010	NUT CLEARANCE		D MAX	E ±.015	ØG MAX	M ±.025	SET SCREWS (2 REQD) 1/4" SHAFT HOLE
			ØB MIN	C MIN					
SEE EXAMPLE OF PART NUMBER	1	.700	.485	.188	.369	.690	1.150	1.150	.1120-40 UNC-3A

EXAMPLE OF PART NUMBER:



NOTES:

- STYLE "LL" AND "VV" KNOBS: THERMAL SHOCK SHALL BE IN ACCORDANCE WITH TEST CONDITION A, METHOD 107 OF MIL-STD-202.
- CONCENTRIC KNOBS CONSIST OF TWO SEPARATE PARTS: AN UPPER KNOB FOR THE INNER CONTROL SHAFT AND A LOWER KNOB FOR THE OUTER CONTROL SHAFT. EACH IS IDENTIFIED BY ITS OWN MS DASH NUMBER AND EACH MUST BE SPECIFIED AND ORDERED SEPARATELY. ONLY LOWER KNOBS FOR OUTER CONTROL SHAFTS ARE DETAILED ON THIS SHEET. UPPER KNOBS FOR INNER CONTROL SHAFTS SHOULD BE SPECIFIED AND SELECTED FROM AMONG THE 1/8 INCH SHAFT HOLE DIAMETER ROUND RING SKIRT ROUND, ROUND TACTILE, AND RING SKIRT ROUND TACTILE KNOBS DETAILED ON SHEETS 1, 2, 30 AND 31. ORDINARILY, SERIES 0 UPPER KNOBS ARE USED WITH SERIES 1 CONCENTRIC LOWER KNOBS; SIMILARLY, SERIES 1 AND SERIES 2 UPPER KNOBS ARE USED WITH SERIES 2 AND SERIES 3 CONCENTRIC LOWER KNOBS, RESPECTIVELY.
- FOR GENERAL NOTES, SEE SHEETS 47-48.

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REQUIREMENTS FOR SHEETS 1 THRU 13

DASH NUMBER	TESTS NASM3926	EXTENT OF APPROVAL
1F2G	TABLE II: GROUPS I, III, IV AND V	ALL
5D2B	TABLE II: GROUPS I, III, IV AND V	ALL
2Q2G	TABLE II: GROUPS I, III, IV AND V	ALL

IF PART NUMBER SPECIFIED IS NOT MANUFACTURED, REQUEST ALTERNATE NUMBER FROM GOVERNMENT.

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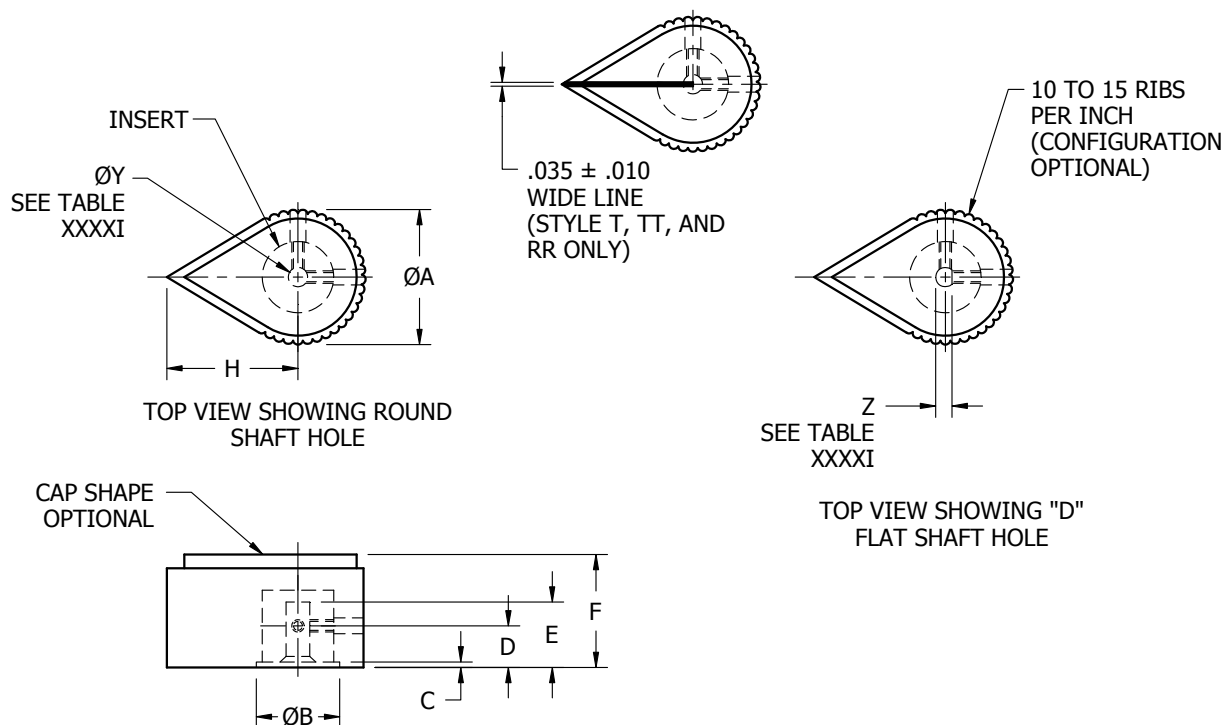
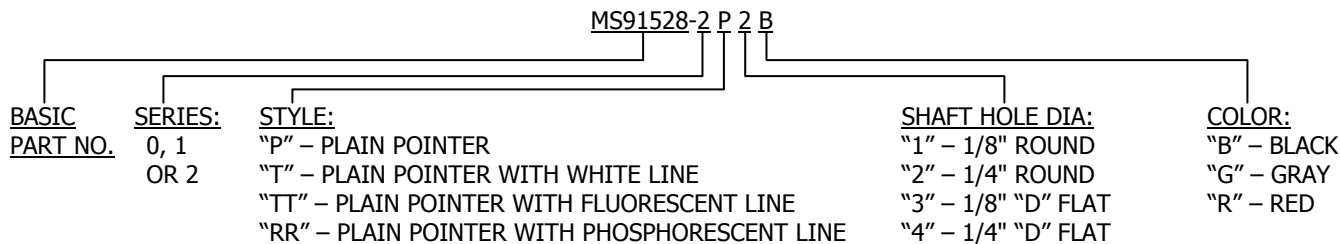


FIGURE 14 - POINTER KNOBS

TABLE XIV - POINTER KNOB DIMENSIONS

DASH NUMBER	SERIES	ØA +.030 -.010	NUT CLEARANCE		D MAX	E SHAFT HOLE DEPTH MIN	F ±.030	H +.025 -.005	SET SCREWS (2 REQD)	
			ØB MIN	C MIN					1/8" SHAFT HOLE	1/4" SHAFT HOLE
SEE EXAMPLE OF PART NUMBER	0	.500	.420	.026	.158	.405	.510	.490	.1120-40 UNC-3A	.1120-40 UNC-3A
	1	.700	.485	.026	.187	.405	.610	.680	.1120-40 UNC-3A	.1120-40 UNC-3A
	2	.900	.640	.114	.260	.520	.790	.885	.1120-40 UNC-3A	.1640-32 UNC-3A

EXAMPLE OF PART NUMBER:



NOTES:

- STYLE "TT" AND "RR" KNOBS: THERMAL SHOCK SHALL BE IN ACCORDANCE WITH TEST CONDITION A, METHOD 107 OF MIL-STD-202.
- FOR GENERAL NOTES, SEE SHEETS 47-48.

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