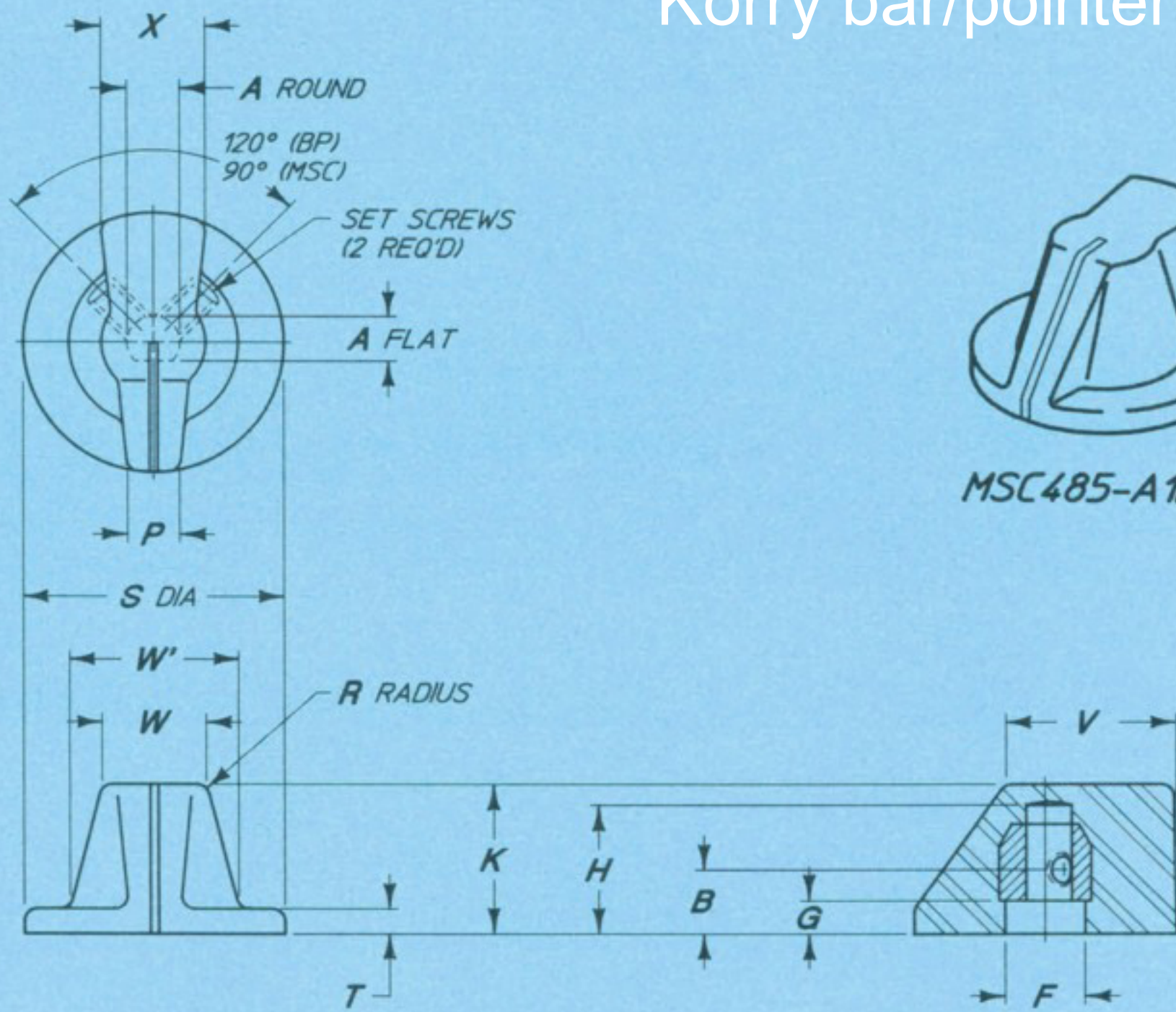


Korry bar/pointer knobs no. 615 - 617 and 485 - 486



PART NO. EXAMPLE: **BP 616 - A 1 B 1**

SERIES	KNOB NO.	MARKING STYLE		MARKING TYPE		COLOR		A - SHAFT HOLE ±.001		
		INDICATOR LINE	INDICATOR LINE, NVIS	1 TRANSILLUMINATED	2 NON-ILLUMINATED	G GRAY	B BLACK	ROUND	FLAT	
BP	616	A		1		G		1	.128	.108
	615	AV		2		B		2	.253	.223
	617	E						*3	.128	NONE
MSC	485	EV						*4	.253	NONE
	486									

BP616 will not accommodate shaft hole sizes 2 & 4.
 MSC485 & MSC486 with shaft hole sizes 1 & 3 are non-standard.

KNOB NO.	BRIGHTNESS RATIO ±25%	SET SCREWS		F - C'BORE DIA.		B	G	H	K	P	R	S	T	V	W	W'	X	MAX. WT. OZ.
		SHAFT HOLE SIZE		SHAFT HOLE SIZE														
		1/8	1/4	1/8	1/4													
616	†	MS51021-101		.260		.25	.10	.50	.56	.19	.04	.88	.12	.62	.44	.62	.44	0.21
615	†	MS51021-103	MS51021-132	.260	.385	.31	.16	.56	.66	.25	.06	1.00	.12	.68	.50	.75	.50	0.33
617	†	MS51021-103	MS51021-132	.260	.385	.31	.16	.59	.69	.25	.06	1.12	.12	.75	.50	.81	.50	0.39
485	†	MS51021-103	MS51021-132	.260	.385	.31	.16	.62	.72	.25	.06	1.25	.12	.81	.50	.81	.50	0.42
486	†	MS51021-103	MS51021-132	.260	.385	.31	.16	.75	.84	.25	.06	1.50	.12	.94	.50	.88	.50	0.54

SPECIFICATIONS:

- Material: Thermoplastic molding compound, clear for transilluminated knobs and colored for non-illuminated knobs. Insert is brass per QQ-B-626 (or equivalent).
- Shaft hole diameters conform to MS33743 (except for 3/16 size) to accommodate control shaft diameters conforming to MS33742.
- Finish: Knob, black color no. 37038; gray color no. 36231 per Federal Standard 595. White color no. 37875 per Federal Standard 595 except reflectance may be reduced to 50% minimum. All white markings on gray knobs are surrounded by a black border as shown. Insert is nickel plated per QQ-N-290.
- The daylight contrast of our knobs meets a value of 9 minimum. Contrast (C) is defined as:

$$C = \frac{B_2 - B_1}{B_1}$$

Where B₁ is the average brightness of the black border or background and B₂ is the average brightness of the marking.

- The brightness ratio shown on our drawings is the ratio of average brightness of the illuminated marking on the knob to the average brightness of a standard light source which simulates the knob lighting aperture of an edge lighted panel and is expressed as a decimal. This information may be used by the designer to establish the brightness of the knob lighting apertures of the edge lighted panel.
 † Brightness ratios are omitted from this catalog due to lack of complete data on all listed dash numbers. Document control drawings will include the brightness ratios, as required.
- Brightness ratio does not include markings within .25 radius of center of knob. Brightness values do not apply to non-illuminated knobs.
- Unless otherwise specified, tolerance is ± .02 inch for two place decimal dimensions ± .010 inch for three place decimal dimensions and ±2° for angles.
- Knobs with round shaft holes are not recommended for aircraft applications.