

# SERVICE

## SHOP DOPE

No. 368

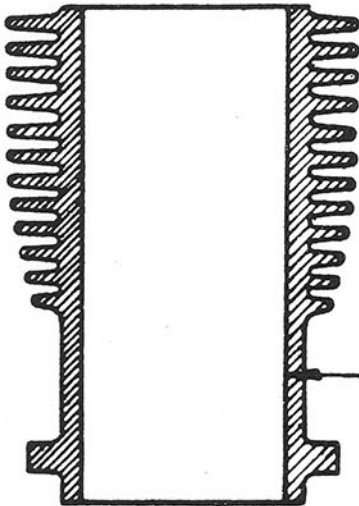
January 3, 1956

### CYLINDER REBORING AND PISTON FITTING INFORMATION

Supersedes Shop Dope Sheet No. 328

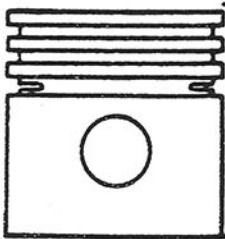
(Note: Dimensions given are standard size.)

TOP



Standard bore  
dimension of  
cylinder.

45" Side Valve Models (1935 and later)	2.745"
74" Side Valve Models (1935 and 1936, and all 80")	3.422"
74" Side Valve Models (1937 to 1948)	3.3125"
61" Overhead Valve Models (1936 and later)	3.3125"
74" Overhead Valve Models (1941 and later)	3.4375"
125 c.c. Models (S and Hummer)	2.0675"
165 c.c. Models (ST and STU)	2.375"
K and KH Models	2.745"



All Models except 125 c.c. Models and 165 c.c. Models -- piston should be fitted .001" to .002" clearance in cylinder, checking fit at bottom of skirt, front to rear.

125 c.c. Models -- piston should be fitted .003" to .004" clearance in cylinder, checking fit at bottom of skirt, front to rear.

165 c.c. Models -- piston should be fitted .0025" to .0035" clearance in cylinder, checking fit at bottom of skirt, front to rear.

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The **Old Sportster and K-model Research Group (OSKRG)** is a group of individuals who have spent years researching the minute differences in the parts, fit, finish, and configuration of the Harley-Davidson 1952-1956 K-Models, and (early) 1957-1969 Sportster models.

The results of our research is published on our website  
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