

# SERVICE INFORMATION

Cust.Serv.- Techn.Office VKT Er/wi-ba	Motorcycles R27/R50/R60/R69S Group: Engine	München, Oct.4.,66 Nr. 5/66 (234) en.
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Re: New, rotary, valves

Dear Sirs,

In order to warranty trouble free operation also when using fuels with a higher content of lead, new, grooved, valves have been introduced as standard equipment commencing with the following frame numbers:

385 265	on R 27
641 473	on R 50/2
629 956 till 630 000	
and from 1810 001	on R 60/2
661 545	on R 69 S.

At the same time the exhaust valve guide bushings have been recessed in the stem bore, at the side of the valve head, with the scope to collect eventual residues.

The following parts are required per machine for a subsequent adoption of this modification:  
(Numbers between brakets refer to model R 27)

<u>Quantity</u>		<u>R27/R50/R60</u>	<u>R 69 S</u>
2 (1)	Intake valve	00 26 170	00 26 159
2 (1)	Exhaust valve	00 26 171	00 26 151
4 (2)	Spring retainer cup, upper	00 26 180	00 26 187
8 (4)	Valve locks	00 26 460	00 26 724
2 (1)	Valve guide bushing (exhaust)	00 21 814	00 21 127

The new parts are exchangeable.

When adopting this modification subsequently, it is advisable not to exchange exhaust valve guides still being in order, but to retouch them with an appropriate spot facer in conformity with the attached drawing. This modification to be applied to the exhaust valve guide is rather important and exerts great influence against the seizing of the exhaust valves.

If however the valve guides have to be renewed, the following sizes are still available for the exhaust:

	<u>R27/R50/R60</u>	<u>R 69 S</u>
Valve guide bushing + 1/10	00 21 816	00 21 128
Valve guide bushing + 2/10	00 21 817	----
Valve guide bushing + 3/10	00 21 818	----

The valve guide bushings of the intake side remain unchanged and keep their part number as hitherto.

Very truly yours,

BAYERISCHE MOTOREN WERKE  
Aktiengesellschaft

ppa.

i.A.

  
Makowitzki

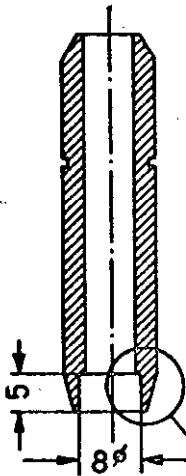
  
Hertrampf

Enclosure

1 drawing

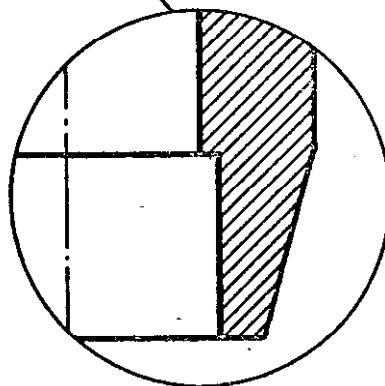
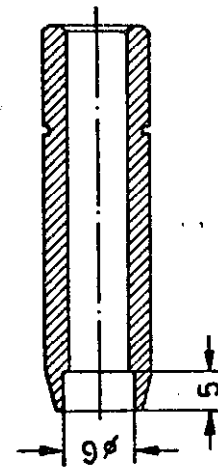
VENTILFÜHRUNGSBÜCHSEN FÜR AUSLASS

R 27 / R 50 / R 60



M. 1:1

R 69 S



M. 5:1