

3.11.7) Washers

See Figs. 72-73, 72-74 and 72-75.

Carry out a visual inspection of the washers for damage and wear.

The wear must be measured radially with a dial gauge, starting from the reference area (on the inner part of the valve spring support) in measuring range radius (1) and working towards the outside. Dimension $t = \max. 0.04 \text{ mm (0.0016 in.)}$. see Fig. 72-75. Pounding (wear) of more than $0.04 \text{ mm (0.0016 in.)}$ is not permissible. If the dimension exceeds this limit, the valve, the valve spring support, the valve spring retainer, the valve cotter and the hydraulic valve tappet or any other damaged components must be replaced on the affected valve.

◆ **NOTE:** The valve spring support can indicate a malfunction of the valve train as a result of badly or insufficiently vented hydraulic valve tappets. Under normal conditions, no measurable wear will be seen, even after longer periods of operation. If a visual inspection reveals pounding wear on the contact surface, the current wear must be tested using a dial gauge.

See SI-912-018 / SI-914-020, "Purging of lubrication system", latest issue.

Fig. 72-73

„magnified image“



Fig. 72-74

„magnified image“

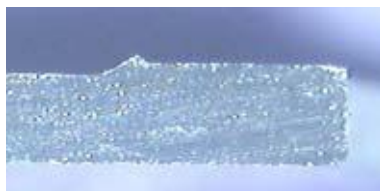


Fig. 72-75

