

01-4190 Widening camshaft bearing bores (repair size)

Data in mm

Standard size	Camshaft	<u>29.947</u> <u>29.963</u>
	Cylinder head	<u>30.000</u> <u>30.021</u>
Repair size	Camshaft	<u>30.434</u> <u>30.450</u>
	Cylinder head	<u>30.500</u> <u>30.525</u>
Camshaft bearing bores	Peak-to-valley height	0.001 - 0.004
Permissible difference in shape of cylinder		0.012
Permissible misalignment of 1st and 7th bearing bore		0.040
Bearing play	radial	0.035
	axial	0.06 - 0.21

Note

If bearing seizing or severe scoring is present, the camshaft bearing bores can be widened by 0.5 mm and a camshaft with oversized bearing journals installed.

Code number of this camshaft see (05-2200).



When performing repairs, camshafts with an oversize of +0.5 mm should be used for re-conditioned engines with +0.5 mm camshaft bearing bores.