Data

Engine		115.923/926 115.938/939		115.951 115.954
Standard dimension		87.000		93.750
		87.022		93.772
		87.500		94.150
		87.522		94.172
Repair stages		88.000		94.550
		88.022		94.572
		88.500		
		88.522		
Max, wear limit in forward or transverse direction			0.10	
Perm. out-of-true and conicity	when new		0.013	
	wear limit		0.05	
Permissible deviation vertically in relation to crankshaft center line, with reference to cylinder height			0.05	
Perm. roughness			0.002-0.004	
Perm. waviness			50 % of roughness	
Chamfer of cylinder bores		refer to fig. item 2		

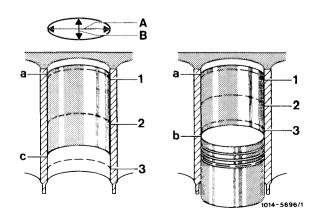
Note

Measure the clean cylinder bores with internal measuring instrument at measuring point 1, 2 and 3 in longitudinal direction A (piston pin center line) and in transverse direction B.

When pistons are not removed, the measuring point 3 is just above piston, which should be at BDC.

Measuring points 1-3

- longitudinal direction transverse direction
- Upper reversing point of 1st piston ring
- BDC of piston
- Lower reversing point of oil wiper ring



Chamfer cylinder bores after boring.

For honing, the material allowance should not exceed 0.05 mm. $\,$

