



SI 1199
For technical personnel only!
1/1

SERVICE INFORMATION

ALUSIL® CYLINDER SLEEVES

FOR REPAIRING ALUMINIUM CYLINDER BLOCKS

For repairing aluminium cylinder blocks, Motorservice provides moulded Alusil® cylinder sleeves. To produce the required bushings, there is a choice of blanks in different sizes. The material composition of the Alusil® cylinder sleeves is identical to the composition of the original Alusil® engine blocks. This ensures that even after repairing an individual cylinder – correct finishing provided – the same runnability as for the other cylinders can be found.

Details about installation and machining of the bushings can be found in our brochure “Reconditioning of aluminium cylinder blocks”. Here you will find sample drawings for producing the cylinder liners as well as a list of the tools required for machining.



Whether an Alusil® cylinder bore can be repaired by mounting a repair liner depends on the extent of the damage and the constructive properties of the engine block.



ATTENTION

For engines with nickel-coated cylinder sliding surfaces (e.g. Galnikal® or Nikasil®), Alusil® cylinder sleeve cannot be used, as iron-coated pistons (Ferrocoat®) are provided as associated parts for Alusil® sliding surfaces. Pistons without iron coating, as they are used for engines with nickel coated cylinder sliding surfaces, are not suited to being used in Alusil® cylinder bores.



Alusil® cylinder sleeve

Product: Alusil® cylinder sleeve

Kolbenschmidt No.:	Inner Ø	Outer Ø	Length
89 571 190	74 mm	95 mm	160 mm
89 572 190	84 mm	105 mm	160 mm
89 880 190	97 mm	125 mm	165 mm

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