

PARTS & SERVICE NEWS

REF NO.	AA03005
DATE	Jan. 7, 2003

SUBJECT: EXCHANGE OF BOTTOM ROLLERS

PURPOSE: Introduction of new bottom roller

APPLICATION: H285S Hydraulic Shovel, S/N 78076, 78083, 78097, 78104, 78110, 78111, 78113, 78120, 78124, 78134, 78139

FAILURE CODE: 3040ZA

DESCRIPTION:

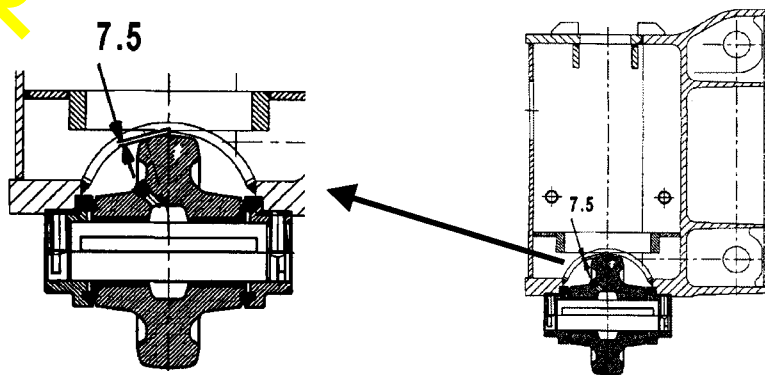
New bottom rollers for the above mentioned Excavator type are released. The main difference to the old ones: Outer diameter *old* is 570mm, Outer diameter **new** is 590mm.

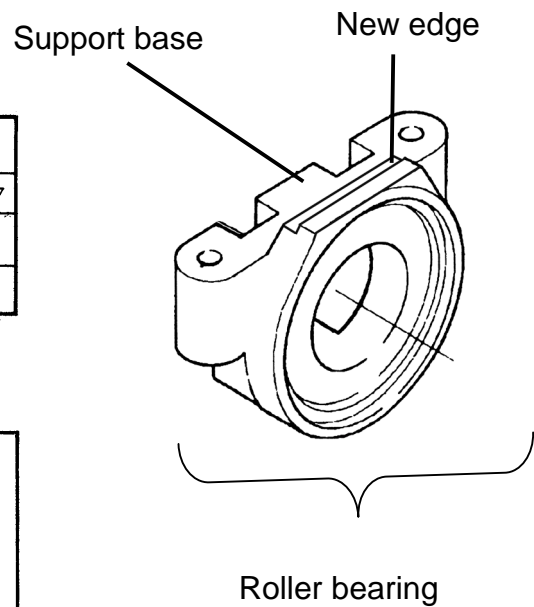
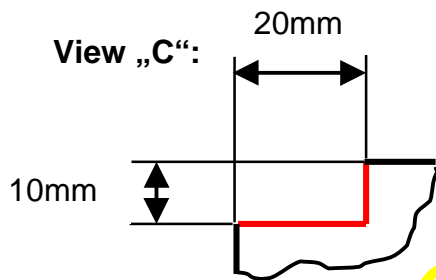
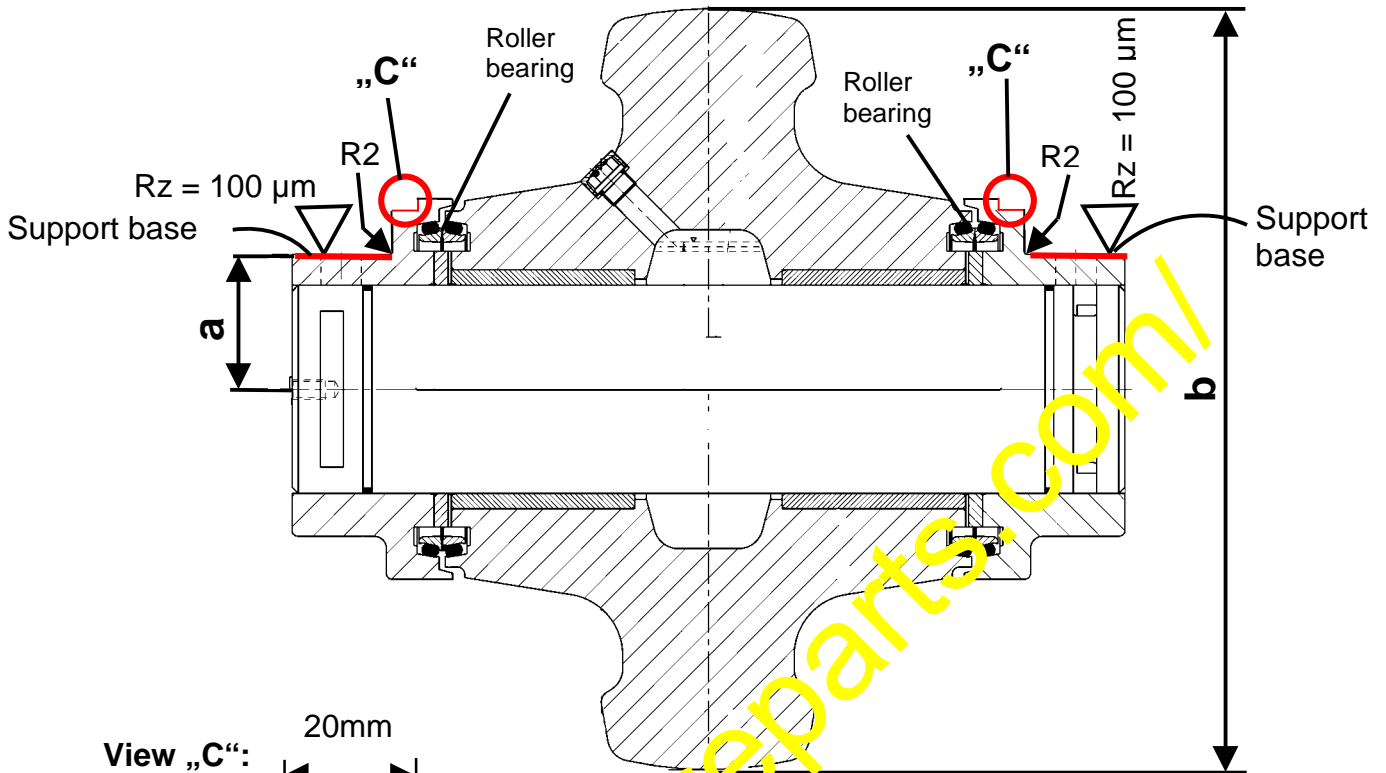
The bottom roller assembly. "*Old version*" (P/N 352 431 40 and 361 022 40) is replaceable with the bottom roller assembly. "**New version**" (P/N 895 904 40). If you want to replace only the bottom roller body by the new version, you have to machine:

- 1.) The support base of the roller bearings from the *old version* "a" = 105mm to the **new version** "a" = 95^{-0.2} mm and 2.) an edge according to the view "C" (See Illustration on next page).

Part Number	"a" (mm)	"b" (mm)
Old bottom roller assembly: P/N 361 023 40 (Body with bushes)	105	570
New bottom roller assembly: P/N 895 904 40 (body with bushes)	95 ^{-0.2*}	590

* At the first bottom roller you have to secure a gap of min. 7.5mm. Therefore you can use 2 lining plates (P/N 92252040) or you can machine the support base of these roller bearings to 100^{-0.2} mm instead of 95^{-0.2} mm.





Oberflächenrauigkeit / Surface roughness					
DIN 3141					
DBM standard Werknorm 241 932 40 *	R _Z 120	R _Z 100	R _Z 25	R _Z 6,3	R _Z 1
DIN - ISO 1302					

* R_Z = Peak-to-valley height, arithmetic means, determined over 5 measuring points.
Arithmetisches Mittel der Rauhtiefe aus 5 Einzelmessungen.

