



AUTOMOTIVE

Conti Support Ring

The Conti Support Ring ensures safety and mobility in the event of a flat tyre. The ring is mounted on a normal wheel rim, together with a conventional tyre. Under normal driving conditions, comfort is not affected.

If there is a loss of tyre pressure (for example, a puncture) the car can still be controlled and can be driven for up to 200 km at a maximum speed of 80 km/hour. The support ring is suitable for use in winter conditions where de-icing salts have been used. Four support rings weigh less than one spare tyre.

The proprietary stainless steel grade used for this application has excellent plasticity and formability.

- 16 -



LOCATION/ENVIRONMENT GERMANY/OUTDOOR

PRODUCT COLD ROLLED STAINLESS STEEL STRIP

FABRICATION PROCESS PROPRIETARY FORMING PROCESS IN COMBINATION WITH LASER WELDING

GRADE PROPRIETARY GRADE WITH A TENSILE STRENGTH OF UP TO 900 N/MM²

SURFACE POLISHED

COMPETING MATERIAL PRODUCT NOT AVAILABLE IN OTHER MATERIALS

DATE OF COMPLETION 2005

MANUFACTURING COMPANY CONTINENTAL

MATERIAL SUPPLIER

SOURCE OF INFORMATION EURO INOX, STAHL-INFORMATIONEN-ZENTRUM

REMARKS THE CONTI SUPPORT RING RECEIVED THIRD PRIZE IN THE STEEL PRODUCTS CATEGORY OF THE 2006 GERMAN STEEL INNOVATIONS AWARD.