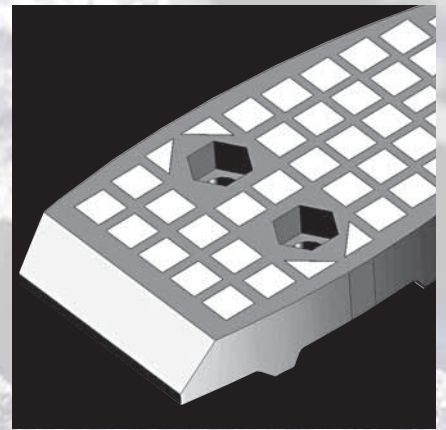
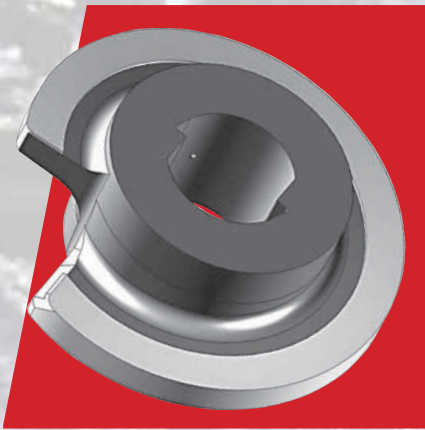




NEW: at Detloff
CC-Surfaces



DETLOFF

Competency in wear protection

DETLOFF GmbH | Lindachstr. 18 | D-73098 Rechberghausen
Tel.: +49 (0) 71 61 / 9 58 20 | Fax: +49 (0) 71 61 / 95 82 25

CC-Surfaces

The long-lasting wear and tear protection for components

Protect your machines and plant components from rapid wear and tear. The **continuous enhancement** of the Detloff processes keeps you at the cutting edge and **increases the life of your machines** many times over.

Carbide coated surfaces, that is wear and tear protection in the superlative. In this new process, extremely hard **tungsten- or chromium carbides** embeds itself in a sintered metallic matrix.

CC-surfaces give stressed component zones the **highest protection from abrasion and corrosion.**

Overview of the Detloff wear protection processes:

DETLOFF A.S.S compound plates – economic solution for wear and tear protection

- Made to measure solutions for construction, blank cuts and platest
- Manufacture of individual alloys for perfect protection from wear and tear

DETLOFF abrasion resistant high chrome alloyed cast iron

- Highest abrasion resistance of all steel casting materials
- Various analysis processes for machine and plant components

DETLOFF EPO SiC spreadable wear protection

- Spreadable polymer ceramic with extremely hard SiC particles
- Inexpensive surface coating against abrasive wear

DETLOFF EPO-CER cast polymer ceramics

- Solid-cast components: High abrasion resistance due to extremely hard SiC particles
- Bearings, supporting surfaces etc. can be defined in the support body

DETLOFF CC surface protection – vacuum sintered

- Embedding of extremely hard particles (carbides) in metallic matrix
- Partial application of the carbide coat on the stressed zones of the component

DETLOFF surface protection – further processes

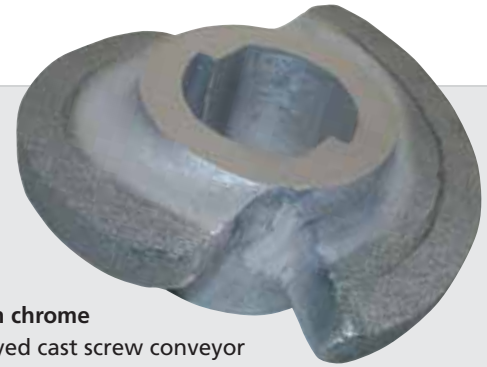
- hard facing, metal spraying, soldering and bonding of tungsten carbide and ceramics

DETLOFF ARc-spray coatings

- Manufacture by means of electric arc or flame spraying
- Subsequent vacuum or inert gas melting possible

DETLOFF Polyurethane PUR – a compact, elastic elastomer

- Insertion of metal reinforcement or stiffeners in the component possible
- Good elasticity with high structure strength



High chrome alloyed cast screw conveyor with a CC-edge coating



Mixing paddle with partial CC-coating



Weldable CC-strip for individual wear and tear protection



Feeding pad with CC-coating on the stressed surfaces



Road planing pick with partial CC-coating