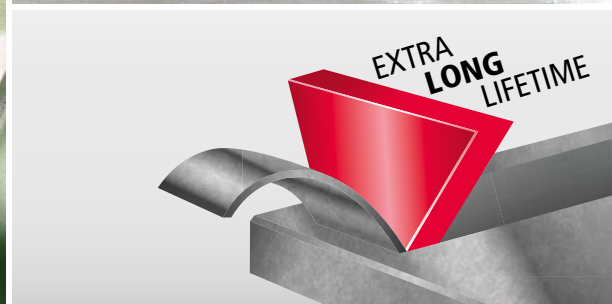




**new**

new  
**siaramic**  
Technology

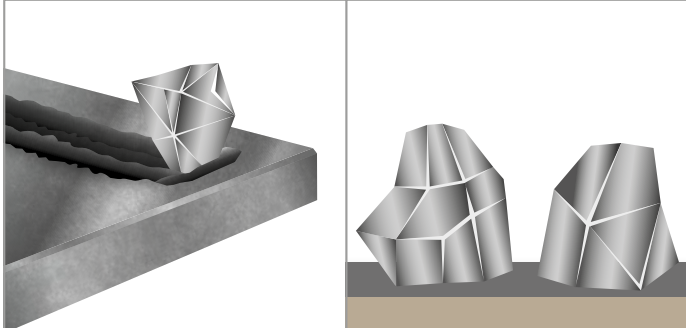


**siaramic**

**The ceramic belt for longest lifetime**

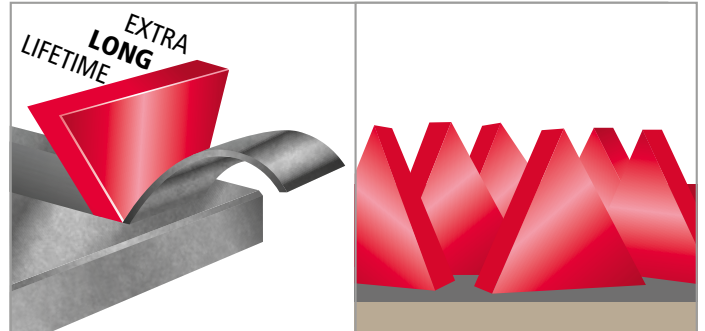
# Get the best out of your belt – With the smoothest cut to the optimal grinding result

## The ceramic grain that makes a difference



### Conventional, crushed ceramic grain

Conventional (crushed) grain is irregular and blocky in shape which results in a „ploughing“ action and generates unwanted heat when grinding.



### siamic technology, shaped ceramic grain

The optimal triangular shape of the siamic technology grain enables a clean cutting action, delivering fast stock removal and a cooler grinding temperature, which increases the belt lifetime – all of this offers an optimal grinding result.

## Main Applications

- Weld preparation
- Weld removal
- Scale removal
- Blending
- Deburring
- Removing cast edges and burrs



## siamic belt – one for all

All types of metal

### Weld preparation



### Weld removal



### Removal cast edges



# 2582 siaramic – The ceramic belt for longest lifetime



## Fastest stock removal

The optimal triangular shape of the siaramic grain allows the belt to cleanly cut through metal, delivering significantly faster stock removal compared to common ceramic belts with crushed grain.



## Consistent cut

The special microstructure of the ceramic provides a constant self-sharpening effect which leads to a consistent grinding result.

## Longest lifetime



Thanks to the optimized composition the 2582 siaramic provides significantly longer lifetime compared to common crushed ceramic belts.

## Optimised for Stainless Steel



The additional cooling aid helps to displace heat during the grinding process. Additionally, a wide grit range from #36+ to #120+ covers finer grinding requirements as well.

## Stiff polyester backing



Polyester backing provides a strong support to the high performance shaped siaramic grain.



## 2582 siaramic – Abrasive belts

Grit type:	Shaped ceramic
Grit range:	36+, 60+, 80+, 120+
Backing:	Y-Polyester for grits 36+, 60+, 80+ X-Polyester for grit 120+

### Weld removal



### Weld removal



### Removal cast edges



# System solution with two grinding steps

## 2 steps to a perfect surface

### 1 Weld removal

Ceramic belt  
**2582 siaramic**



- 36+
- 60+
- 120+

### 2 Surface refinement

SCM belt  
**6270 siamet SCM LS**  
Surface Conditioning Material



- coarse
- medium
- fine

**Better**



**Faster**



**Stronger**

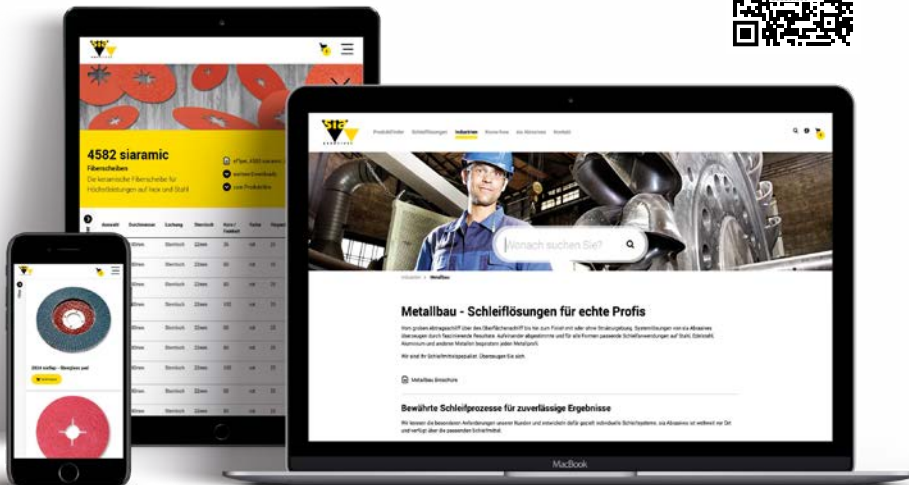


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Your Key to a perfect Surface

