



CSS ROLL STAR 2.0
Grinding Wheels for Roll Grinding

Premium grinding tools since 1919
www.tyrolit.com



CSS ROLL STAR 2.0

With the CSS Roll Star 2.0, TYROLIT is defining a new level of performance in the grinding of rolls. More than one hundred years of experience in the development of grinding solutions of the highest quality make TYROLIT a valued partner for roll grinding. Thanks to our market-leading know-how in bonding technologies and high quality sintered aluminium oxides the best possible results are achieved in the CSS Roll Star 2.0 product line.

Application:
Repair grinding rolls



+ Optimisation of grinding costs:
New sintered aluminium oxide enables shortest grinding times and high tool life

+ Bonding system: Maximum grain utilisation through optimised bonding systems and abrasive additives enable a good grinding behaviour



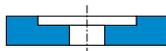
+ Universal use:
Suitable for all common roll materials

+ Customer solutions: Thanks to our many years of experience we offer the best technical support

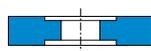
Assortment



Shape 1
Straight grinding wheel



Shape 5
Grinding wheel recessed one side



Shape 7
Grinding wheel recessed two sides

Diameter: 600 – 1100mm
Thickness: 60 – 152mm

Bore: 127 – 508mm
Grit size: 24 – 120 mesh

The grinding of an HSS-work roll in a hot rolling mill brought the following results while maintaining the quality of the roll.

Increase of performance by **20%**



Increase of the removal rate by **10%**

