



## **SECUR HP 2.0**

High-pressure grinding in the steel industry

# SECUR HP 2.0

## Your choice for high performance

With the SECUR HP 2.0 high-pressure grinding wheel TYROLIT meets the high demands placed on this product. Many types of steel show surface flaws, scale and areas of decarburisation after continuous casting. The semi-finished products can therefore not be forwarded to the rolling mill without fettling. Here the grinding wheel comes into play as an integrating component, as it is essential for an economical fettling process that meets the technological requirements.

### + Highest quality level:

Continuous testing guarantees problem-free work with the highest safety

### + Optimised processes:

Through our many years of experience we can offer the best support



### Application:

High-pressure grinding



### + Excellent grinding performance:

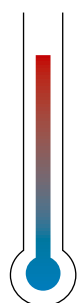
The use of high-quality zirconium aluminium oxides and rod corundums ensure high stock removal rates and excellent tool life

### + Highest safety:

Glass fibre design increases safety under extreme loads

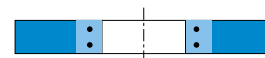
## Standard recommendation:

Abrasive material	Grain size (mesh)	Application
Zirconium aluminium oxides	6 -36	Unalloyed and alloyed steels, carbon steel and titanium
Sintered rod corundum	10 – 30	Stainless steel



Temperature	Bonding	Application   Special feature
>550°C	BM10	Hot grinding
200 – 550°C	BM30	Warm grinding
<200°C	BM23	Cold grinding
	BM32	Cold grinding for high-performance machines >200 KW
	BM11	White cut
	BM21	Titanium

## Shape:



Shape 1 HP  
straight grinding wheel

## Dimensions:

Durchmesser	Stärke	Bohrung
406	51 / 63	152,4
508	51 / 63	152,4 / 203,2
610	51 / 63 / 76 / 102 / 125	203,2 / 305
635	76 / 102	305
760	76 / 102 / 125	305
915	102 / 125 / 150	305 / 400