



SECUR WARM

CUT-OFF WHEELS FOR WARM CUTTING IN
THE STEEL INDUSTRY

(FOR SEMI-FINISHED PRODUCTS WITH TEMPERATURES OF 100 - 600°C)

SECUR WARM

The cutting tool is subjected to enormous loads during warm cutting and particularly during traverse cutting. With the SECUR product line, TYROLIT offers a tool that meets the specific requirements of the rolling mill. The use of a high-strength bond system significantly increases the stability of the cut-off wheel throughout the entire cutting process, even when subjected to high lateral forces.

Application

Traverse cutting in the rolling mill



+ Maximum cutting performance: The optimised bond system allows for stronger bonding of the high-quality zirconia alumina. This increases the lifetime by up to 25 percent.

+ Optimum profile design: Even with materials that are difficult to cut (e.g. manganese steels), the risk of tapering towards the periphery is reduced and the cut-off wheel can be used to its final diameter.

+ Maximum stability: The compact cut-off wheel design ensures the highest possible stability throughout the entire cutting process, even when subjected to high lateral forces.

Product range

Conical cut-off wheels	Diameter	
	mm	inches
SECUR Shape 41KON for high-performance machines	800 - 2000	32 - 79
SECUR Super Thin Shape 41ST for low-performance machines	1000 - 2000	40 - 79

