

Quick. Safe. Yellow.

Kronenflex® **EDGE**

Klingspor's premium multi-metal
thin cutting-off wheel



70 YEARS **KRONENFLEX®**



The company

A global leader for more than 125 years

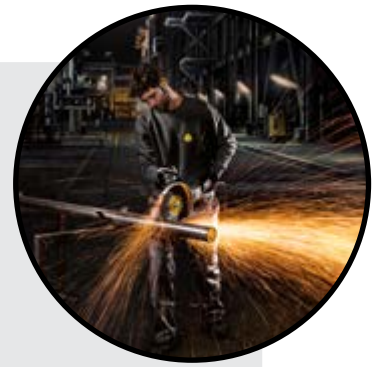
Full control over all processes: With this claim Klingspor has become one of the leading manufacturers worldwide of tools for grinding and cutting.

Engineered in Germany

For decades, our Research and Development department in Haiger, Germany, has continuously raised the bar in terms of enhancing technologies applied to cutting and grinding.



1950 saw the invention of the then revolutionary high-speed cutting-off wheels by Carl Klingspor, which he introduced to the market under the brand name of Kronenflex®. Just in time for the 70th birthday of this groundbreaking invention, Klingspor is now introducing their customers to the **Kronenflex® EDGE**.



Areas of application

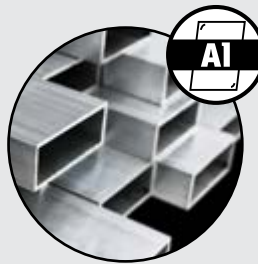
Materials



Steel



Stainless steel



Aluminium



Industries



Oil and gas industry



Construction and railing construction



Pipeline construction



Metal fabrication shops

Benefits of the Kronenflex® **EDGE**



Ordinary grain



Self-sharpening grain

Maximum performance. Maximum safety. Maximum benefit.

The new Kronenflex® premium range is the embodiment of Klingspor's continuing goal to enhance the performance of their cutting and grinding products. The result is the EDGE. The best cutting-off wheel Klingspor has ever produced in their premium range.

Using the best quality abrasive grain, the EDGE guarantees a consistent cutting speed and reduced wear throughout the entire service life of the wheel. The high quality self-sharpening grain reduces the heat generated during the cutting application which can lead to loss of cutting performance. The EDGE is the ideal choice for working on even the most troublesome materials, for example Aluminium.

A 960 TZ
1.0 mm

EDGE
1.2 mm

A 946 TZ
1.6 mm

Cutting time



Service life



Benefit



The Kronenflex® Tub

Maximum performance. Maximum protection. Maximum benefit.

Storage in the Kronenflex® tub prevents the drop in performance caused by poor environmental conditions by 40 %. What is more, the tub also allows for perfect stacking and protects the cutting-off wheels against dirt, moisture and damage.



Your advantages



Savings in time and cost

- Fast cutting and a reduced wear rate



Ease of use

- Cuts with minimum vibrations and offers maximum efficiency even at lower pressure



Flexibility

- Can be used on all metal types

The Kronenflex® Top Performer

The EDGE wheel is a member of Klingspor's Kronenflex® Top Performer class of cutting-off wheels. Just as its fellow top performers - the A 960 TZ and the A 946 TZ - the EDGE offers the best performance in the Kronenflex® portfolio in terms of aggressiveness and service life. All three types are available in the Kronenflex® tub, which helps to eliminate the drop in performance caused by poor environmental conditions by 40 %.



Cutting-off wheel

EDGE



Class	SPECIAL
Hardness	■■■■■■■
Aggressiveness	■■■■■■■□
Service life	■■■■■■■

Applications	
Stainless steel	●
Steel	●
Aluminium	●

Advantages: Short cutting times with a long lifespan - Low thermal load - Minimum burr formation - Wide range of applications - Packaged in units of 25 in the Kronenflex® tub for consistently high performance and protection from moisture

Diameter x width x bore in mm	Shape	Maximum operating speed	Permissible spindle speed	Packing unit/ pcs.	Stock number
115 x 1.2 x 22.23	—	80 m/s	13,300 rpm	25	355380
125 x 1.2 x 22.23	—	80 m/s	12,200 rpm	25	355379

**Klingspor Schleifsysteme
GmbH & Co. KG**
Hüttenstraße 36
35708 Haiger

Tel. +49 (0)2773 922 0
Fax. +49 (0)2773 922 280
Mail verkauf@klingspor.de
Website www.klingspor.de

