

GRINDING AND BLENDING

FLAP DISCS ON A NATURAL FIBRE COMPOUND

Suitable for

STEEL

TRIMFIX® SteelFire®

The performance marvel on steel – unprecedented flap disc steel removal



In order to counter the growing pressure of labour costs, Eisenblätter is launching a new generation of flap discs for steel machining based on 45 years of experience in developing cutting-edge grinding tools. This revolutionary product was developed especially for high-performance areas in steel construction such as shipyards, bridge-building, railroads, energy-sector construction, and building construction and civil engineering: anywhere where it is important to work effectively in the shortest possible time. The special formulation with hybrid grit technology and patented arrangement of abrasive cloth ensures material removal rates that were unimaginable a short time ago.

FEATURES

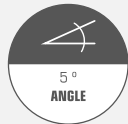
- High-tech **zirconium hybrid flap disc**, especially for time-saving high-speed steel removal.
- **Uniform grinding results and cool grinding** – without discolouration.
- Elastic, **high-tech natural fibre compound backing plate** is easy on the environment and the user (CO₂-neutral), fully trimmable so that the entire disc can be used, damps noise and vibration.
- The viscoelastic backing plate ensures optimum workpiece adaptation for **particularly soft grinding transitions**.
- **Great labour savings** (see the sample calculation on p. 73 and at www.eisenblaetter.de).
- Its **enormous material removal** and rapid grinding effect lead us to recommend a performance-optimised, **variable-speed**, high-torque angle grinder – **VARILEX® 1802 HT** from Eisenblätter meets every element of this description and is the ideal counterpart for the TRIMFIX® SteelFire® flap disc.
- Also suitable for stainless steel (Fe-S-CI<0.1%).



The newly developed high-torque VARILEX® 1802 HT angle grinder greatly shortens work time and reduces labour costs. For potential cost savings, see p. 73.

Technical data TRIMFIX® SteelFire®

Dimensions (mm)	Ideal speed (rpm)	Maximum speed (rpm)	Approved for (DIN EN 13743)	Backing plate	Packaging unit	Grit (K)	Article number
Ø 115 x 22.2	7,000-9,000	13,200	80 m/sec	Natural fibre	40	40	91364
						60	91366
Ø 125 x 22.2	6,000-8,000	12,200	80 m/sec	Natural fibre	40	40	91374
						60	91376
Ø 150 x 22.2	6,000-7,000	10,000	80 m/sec	Natural fibre	40	40	91384
						60	91386
Ø 178 x 22.2	5,000-6,000	8,500	80 m/sec	Natural fibre	40	40	91394
						60	91396



The zirconium hybrid cloth ensures consistent performance and long service life to the end of the disc

Elastic, high-tech natural fibre compound backing plate is easy on the environment and the user (CO₂-neutral), fully trimmable so that the entire disc can be used, damps noise and vibration



High-speed steel removal with extremely long service life. The low-cost way to grind!

