

Cutting Wire for manual application

Properties

Drawn, shiny steel wire with a square cross-section. With a high bending elasticity and at the same time very high tensile strength. For mechanical cutting of bonds. The main application is the removal of bonded vehicle glazing and other bonded vehicle parts.

Application

The ProGlass Cutting Wire XKD has been designed for manual use. We recommend to use appropriate pull handles that are able to clamp the wire ends securely. To cut through an adhesive bead pull the tensioned wire in the desired cutting direction. Due to the sharp edges of the wire, the adhesive material is separated with a smooth cut. In the case of wider and / or harder bonds, it is helpful to allow the wire to slide slightly back and forth in the adhesive bead while pulling. This increases the cutting effect and prevents the wire from tearing due to excessive force.

Note: Avoid pulling the wire back and forth too quickly. This leads to strong heat development, which favors the release of harmful substances from the adhesive bead. The excessive heat also weakens the material, which can lead to premature breakage of the wire.

Technical Data

Form:	Square wire made of steel
Material:	Steel (1.4310)
Colour:	shiny (silver)
Diameter:	0.70 +/- 0.01 mm x 0.70 +/- 0.01 mm
Edge radius:	max. 0.07 mm
Tensile strength:	95 kg (931 N) – equal to 1900 N/mm ²
Handling:	manual (with pull handles), to pull only
Delivery unit:	Spool at 22 m (XKD-22) Spool at 44 m (XKD-44)

Cross Section View

