



**WE REINFORCE THE MINES®**

## KATBAR®

**RSC Ekusasa Mining is the Original Equipment Manufacturer (OEM) and supplier of Katbar® to the mining industry in Africa.**

### Description

Mining-specific rebar has been developed to improve on the performance of conventional rebar in mine rock reinforcement applications.

Katbar® may be used with mechanical anchoring and / or grouting, especially where re-tightning of the anchor is required.

Katbar® is hot rolled during the manufacturing process with a surface geometry that provides a continuous coarse-pitch twin-start thread. This alleviates the need to separately roll a thread onto the bar, and the bar may simply be cut to length.

During use, fully threaded bar overcomes the limitations of a finite thread and is applied where re-tensioning of the installation is required (such as rock scaling) or where insertion depth is inconsistent.

Katbar® is compatible with cementitious grout, chemical resin, mechanical anchoring or a combinations of these. Katbar® is supplied assembled. Assemblies vary in the choice of bar diameter and length, washer type and size, nut and seat as well as in the provision of load indicators, nibs and mechanical expansion shells.



Katbar® equipped With Nut

### Advantages of the product

- Continuous hot rolled twin-start thread.
- Permits re-tensioning of installations.
- Allows variable insertion depth.
- Thread profile provides good contact surface area and geometry for grouting media (resin or cement).
- Purpose-designed surface geometry to optimise performance in their application.

### Dimensional Specifications

| Length<br>(m) |
|---------------|
| 1.2           |
| 1.5           |
| 1.8           |
| 2.1           |
| 2.2           |
| 2.4           |
| 2.9           |
| 3.0           |

| Diameter<br>(mm) |
|------------------|
| 16               |
| 20               |

### General Disclaimer

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