TECHNICAL SPECIFICATION

Twisted Knot Wire Bevel Brush for an angle grinder

KAMtools





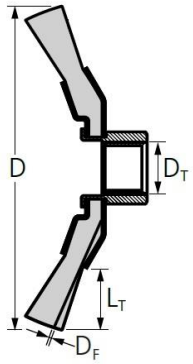
Application:

The Twisted Knot Wire Bevel Brush for an angle grinder M14 is a tool for processing hard-to-reach places, bevels and internal corners. Thanks to the twisted carbon steel wire, the brush has a high work efficiency. It is extremely suitable for cleaning large areas.

It is used to remove scale, rust, varnish, slag, etc.

An optimal grinding result is achieved when only the tips of the wire cup brush contact with the processed material. Excessive pressure during operation significantly accelerates the wear of the brush. The wires break and thus reduce the lifetime of the brush. The maximum operating speed of wire brushes depends on the diameter of the brush. For safety reasons, this speed should not be exceeded. Before starting work, check that the speed of the machine does not exceed the maximum working speed of the wire brush, respectively for: Ø100 – 12 500 rpm; Ø115 – 11 000 rpm; Ø 125 – 8 500 rpm. Use safety glasses to protect the eyes.

Sizes:



Outer diameter D [mm]	Length of loose braid L_T [mm]	Thread Ds	Wire diameter D_F [mm]	Recommended max. revolutions [min^{-1}]	Wire material
Ø100	21	M14	0,5	12 500	Carbon steel plated with brass
Ø115	28	M14	0,5	11 000	Carbon steel plated with brass
Ø125	28	M14	0,5	8 500	Carbon steel plated with brass

Operation	Ø100	Ø115	Ø125
Remove sharp edges	5 000 - 7 500 min^{-1}	5 000 - 7 500 min^{-1}	4 000 - 6 500 min^{-1}
Cleaning, smoothing	4 000 - 7 500 min^{-1}	4 000 - 7 500 min^{-1}	3 000 - 6 000 min^{-1}
Cleaning of welds	5 500 - 8 500 min^{-1}	5 500 - 8 500 min^{-1}	4 500 - 6 500 min^{-1}

Advantages:

- **Quality:** All parts have anti-corrosion coatings.
- **Convenience:** Quick assembly and disassembly of the tool on a universal chuck.
- **Practicality:** Marking indicating max. revolutions.
- **Compactness:** Individual blister packaging.
- **Multifunctionality:** Suitable for use with a wide range of electric machines.
- **Durability:** Long life.