

# Precise. Finish. Yellow.

***NUD 500***

**Compressed non-woven disc for a  
super fine surface finish**



# The latest compressed non-woven disc engineered by Klingspor



The Klingspor NUD 500 disc is made up of multiple compressed layers of nylon fibre non-woven material. A special application process is used to evenly apply a mixture of silicon abrasive grit and bonding agent on the layers of non-woven material. This procedure ensures that the user can always rely on a fresh, unused abrasive grit, affording them a constant service life.

The combination of a long service life and a cool grinding process is only one of the stand-out features that are a direct result of the disc's singular design.



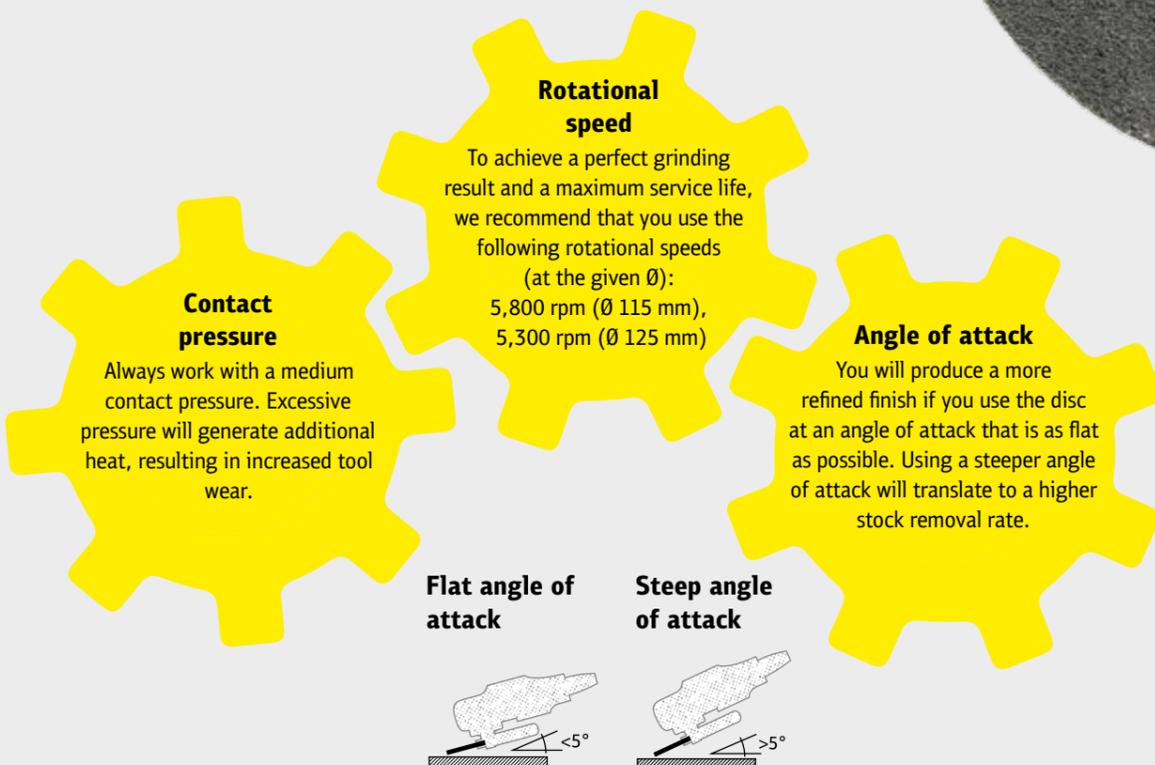
## Target groups

- ▶ Plant, tank and container manufacturing
- ▶ Food industry
- ▶ Metal refining and restoration companies
- ▶ Aviation industry
- ▶ Chemical / pharmaceutical industry
- ▶ Fabrication companies processing stainless steel



## Optimum application

To achieve the best possible result (surface finish, deburring, removal of TIG weld seams, etc.), you should match the following application parameters as accurately as possible:



## The benefits at a glance

### Premium raw materials

The NUD 500 disc does not contain any ingredients that may cause corrosion. The use of heat-resistant nylon non-woven fibres minimises residue on the ground surface and lets you accomplish grinding results of stellar quality.

### Optimum performance

The use of a speed-controlled angle grinder guarantees an optimum finish at maximum service life.

### Superbly smooth grinding

The NUD 500 disc sets itself apart by its smooth grinding behaviour and reduces the risk of damaging the workpiece surface.



#### Tip for users:

To prevent excessive wear, you should avoid subjecting discs with a hardness degree of S-2 to heavy edge loads.

# The NUD 500's degrees of fineness

Surface finish

Removal rate

Degree of fineness	Very fine	Medium	Coarse
<b>Hardness</b>	S-2	S-3	S-6
<b>Application</b>	Surface preparation for coating or polishing	Cleaning of corroded surfaces	Deburring of punched parts
	Creation of a fine surface finish	Paint removal	Rounding off edges
	Removal of annealing colours	Light deburring operations (burr-free rounding of edges)	Removal of small TIG and spot welding seams
	Harmonising surfaces following weld seam removal	Grinding to remove scratches from stainless steel surfaces	

High performance non-woven discs

## NUD 500



### Applications

Alloyed steels	●
High alloy steels	●
Non-ferrous metals	●
Light metals	●
Chrome and nickel steels	●
Steel	●
Titanium	●

### Properties

Grit type	SiC
-----------	-----

**Benefits:** For cleaning and pre-polishing surfaces - For smoothing weld seams - Fewer work steps - Precise cleaning, clearing and finishing of surfaces - Achieves an ultra-low scratch depth on the processed material

Diameter x width x bore in mm	Degree of fineness	Colour	Maximum operating speed	Permissible rotational speed	Packing unit/pcs.	Item number
115 x 13 x 22.23	coarse	grey	63 m/s	10,450 rpm	5	337864
115 x 13 x 22.23	medium	grey	63 m/s	10,450 rpm	5	337865
115 x 13 x 22.23	very fine	grey	63 m/s	10,450 rpm	5	337866
125 x 13 x 22.23	coarse	grey	63 m/s	9,600 rpm	5	337861
125 x 13 x 22.23	medium	grey	63 m/s	9,600 rpm	5	337862
125 x 13 x 22.23	very fine	grey	63 m/s	9,600 rpm	5	337863

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

Tel.  
Facsimile  
Email  
Web

02773 922 0  
02773 922 280  
verkauf@klingspor.de  
www.klingspor.de

