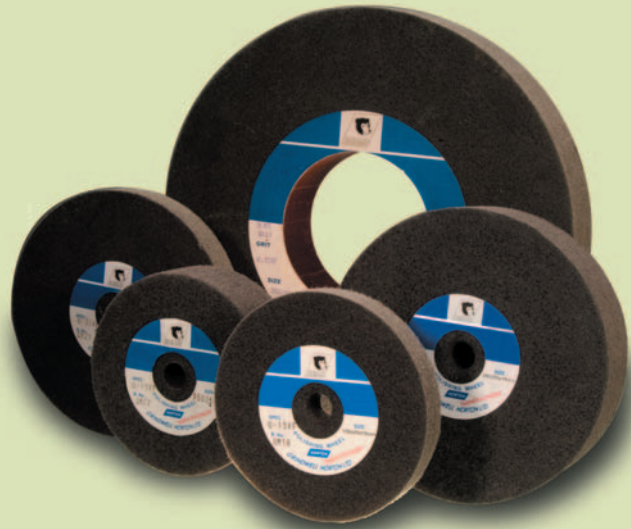




# UNIFIED WHEELS

## Unified Wheels

Beartex Unified Polishing wheels are made by compressing layers of Beartex flat stock to obtain wheel of different densities. Beartex Unified Wheels serves as a cost effective option for light duty deburring, decorative finishing, rust removal and cleaning applications. Ideally suited for decorative finishing on brass, SS, watch straps, dairy & kitchen equipment. By choosing the right grade and density, Beartex Wheels are effective substitutes to Set Up wheels. This helps avoid messy operation of making the Set Up wheels and the heavy pollution associated with them.



Industry	Brass	Utensil	SS & Fabr.	Watch Strap	Surgicals/ Cutlery	Auto Component
Usage	●	●	●	●	●	●
Industry	Centreless	Rim Polishing	OEM-Grinders	Jewellery	Ordnance Factory	MRO
Usage	●	●	●	●	●	●
● High Usage   ● Medium Usage   ● Low Usage						

### PRODUCT OFFERINGS

- ▶ U Series Beartex Unified Wheels
- ▶ P Series Beartex Unified Wheels
- ▶ Q Series Beartex Unified Wheels

## U Series Beartex Unified Wheels

Ideally suited for matt finishing on brass and SS. These wheels are suited for low pressure applications and generally used in densities 1 & 3. An ideal product for cleaning and descaling applications.



### TYPICAL APPLICATIONS

- ▶ **CLEANING**
  - Rust removal and preparation
  - Surface preparation
- ▶ **POLISHING**
  - Dent removal on Brass, SS & Auto Components
  - Polishing and blending of upstream Coated Abrasive grit lines
- ▶ **FINISHING**
  - Matte finishing on SS & Brass Hardware
  - Imparting high glossy finishes
- ▶ **DEBURRING**
  - Deburring of milled and stamped components

## TechTips

- ▶ U1 SVF is good starting specification for polishing, finishing, cleaning, descaling in maintenance of decorative items.

### STOCK AVAILABILITY

#### U Series Beartex Polishing Wheels

Size	Type	Stock Code
200 x 50	U-1SVF	UX01
200 x 50	U-3SVF	UX03
200 x 50	U-5SVF	UX05
200 x 50	U-8SVF	UX08
200 x 25	U-1SVF	UX257
200 x 25	U-3SVF	UX221
200 x 25	U-5SVF	UX217
200 x 25	U-8SVF	UX219
150 x 50	U-1SVF	UX31
150 x 50	U-3SVF	UX33
150 x 50	U-5SVF	UX35
150 x 50	U-8SVF	UX38
150 x 25	U-1SVF	UX21
150 x 25	U-3SVF	UX23
150 x 25	U-5SVF	UX25
150 x 25	U-8SVF	UX28



# UNIFIED WHEELS

**NORTON  
ADVANTAGE**

## P Series Beartex Unified Wheels

These wheels are non smearing and can withstand higher pressures. Ideal wheel for matt finishing on SS and final finishing of precision parts. Suited for dent removal applications on watch straps and watchcases. Extensively used for light deburring of burrs caused by stamping, punching and other machining operations.

### STOCK AVAILABILITY

#### P Series Beartex Polishing Wheels

Size	Type	Stock Code
150 x 25	P-0AVF	PX20
150 x 25	P-1AVF	PX21
150 x 25	P-3AVF	PX23
150 x 25	P-5AVF	PX25
150 x 50	P-0AVF	PX30
150 x 50	P-1AVF	PX31
150 x 50	P-3AVF	PX33
150 x 50	P-5AVF	PX35
200 x 25	P-0AVF	PX40
200 x 25	P-1AVF	PX41
200 x 25	P-3AVF	PX43
200 x 25	P-5AVF	PX45
200 x 50	P-0AVF	PX50
200 x 50	P-1AVF	PX51
200 x 50	P-3AVF	PX53
200 x 50	P-5AVF	PX55



## TechTips

- ▶ P1 AF is good starting specification for finishing of SS, a cost effective substitute to imported wheels.



## Q Series Beartex Unified Wheels

These wheels impart a special hairline glossy finish on components as they are made with special fibres and resins. The unique resin system has a high resistance to wear and hence the wheels are long lasting. Ideally suited for imparting high glossy finish and deburring applications. Q series wheels are cost effective options for deburring SS, alloy steel and other milled and machined components.

Large diameter Q Series Beartex Polishing Wheels are extensively used in imparting high glossy finish on Bright bars, SS rods and piston pins. Imparts special finishes on jewellery, surgical instruments and medicinal implants.

### STOCK AVAILABILITY

#### Q Series Beartex Polishing Wheels

Size	Type	Stock Code
200 x 25	Q8SF	UX410
200 x 50	Q8SF	UX431
200 x 25	Q10SF	UX414
200 x 50	Q10SF	UX772

### Range and Availability

Outer Diameter	150 - 480 mm
Widths	12.5 - 150 mm

## TechTips

- ▶ Q8 SF is good starting point recommendation for most SS pipe polishing applications
- ▶ Q10 SF is an economical option for auto component deburring

NON-WOVEN ABRASIVES



# UNIFIED WHEELS

## NEX Unified Polishing Wheels

The NEX Series Unified Wheels from Saint-Gobain Abrasives, US, are made from a high strength fibre and a unique, special resin system. This combination of fibre and resin helps impart very high cut rates on the job material.



NON-WOVEN ABRASIVES

### BETTER BEARTEX POLISHING WHEELS

#### FEATURES

- ▶ Available in a wide range of specifications
- ▶ Flexible
- ▶ Gentle action
- ▶ Non metallic
- ▶ Quiet operation and no dust generation like set up wheels
- ▶ Self threading bore
- ▶ Ideal light deburring media

#### BENEFITS

- ▶ Can be used for a variety of applications
- ▶ Can conform to the shape of the workpiece
- ▶ No danger of changing job geometry
- ▶ Does not oxidise, rust or create metallic contamination
- ▶ Better working condition
- ▶ Can be used on any taper spindle similar to cotton wheels
- ▶ No secondary burrs

Note: Beartex Unified Polishing Wheels can be used on polishing machines, bench motors, automatic and special purpose machines.

**Availability:** Abrasives: SiC & AlO  
Abrasive Grits: 120 to 320  
Outer Diameter: 12.5mm to 25mm  
Width: 3mm to 150mm  
Internal Diameter: 12mm to 50mm

## SpecCheck

### UNIFIED WHEELS MARKING SYSTEM

High Glossy Finishing  
Least Aggressive

Matt  
Finishing

Aggressive  
Matt Finishing

Very Aggressive

### STARTING POINT RECOMMENDATION

↓  
Q10SVF

↓  
Q10SF

↓  
Q8SF

↓  
P1AF/P3AF

↓  
U1SVF/U3SVF

↓  
P-3SM/NEX 8AC/  
NEX 8AM