

## **Flap Wheel Series**

### **Flap Disc with Aluminium Oxide**

**Features:** high quality Aluminium Oxide cloth, good flexibility, high tensile and better bending strength, high grinding efficiency, low noise and no clogging.

**Suitable for:** mental surface grinding and polishing, weld seams grinding, rust removing

**Material:** Aluminium Oxide, Fiberglass backing

**Specification:** Diam. 100-180mm

**Grit No:** 40-320#

**Customized Products:** specifications can be customized with customer needs

### **Flap Disc with Calcined Aluminium Oxide**

**Features:** high quality Calcined Aluminium Oxide cloth, better for heavy grinding, excellent durability and sharpness

**Suitable for:** mental and high hardness materials surface grinding and polishing, weld seams grinding, rust removing

**Material:** Calcined Aluminium Oxide, Fiberglass backing

**Specification:** Diam. 100-180mm

**Grit No:** 40-320#

**Customized Products:** specifications can be customized with customer needs

### **DEERFOS Flap Disc with Zirconia Alumina**

**Features:** better for heavy grinding, excellent durability and sharpness. **Suitable for:** mental, high carbon steel, stainless steel grinding, deburring, wood grinding and polishing

**Material:** imported Zirconia Alumina cloth, Fiberglass backing

**Specification:** Diam. 100-180mm

**Grit No:** 40-320#

**Customized Products:** specifications can be customized with customer needs

### **VSM Flap Disc with Zirconia Alumina**

**Features:** multifunctional zirconium corundum abrasive particles can be applied to a variety of metal materials, German technology, durable heavy duty grinding design, long service life.

**Material:** VSM Zirconia Alumina cloth, Fiberglass backing

**Specification:** regular diameter 100mm, 125mm, 180mm

**Grit No:** 40#, 60#, 80#, 120#

**Customized Products:** specifications can be customized with customer needs

### **Flap Wheel with Silicon Carbide**

**Features:** high working efficiency stable grinding quality, no burning work-pieces, easily continuous operating

**Suitable for:** nonmetal and nonferrous surface grinding and polishing, weld seams grinding, rust removing.

**Material:** Silicon carbide, metal chucking

**Specification:** Diam. 100-350mm, Thickness 20-70mm

**Grit No:** 24-1000#

**Customized Products:** specifications can be customized with customer needs

### **Flap Wheel with Aluminium Oxide**

**Features:** high working efficiency stable grinding quality, no burning work-pieces, easily continuous operating. Dry grinding and wet grinding are available

**Suitable for:** nonmetal and nonferrous surface grinding and polishing, weld seams grinding, rust removing.

**Material:** Aluminium Oxide, metal chucking

**Specification:** Diam. 100-350mm, Thickness 20-70mm

**Grit No:** 24-1000#

**Customized Products:** specifications can be customized with customer needs

#### **VSM Flap Disc with Ceramic Grain**

**Features:** VSM Ceramic Grain, elastic structure, excellent self-sharpening, strong wear

**Suitable for:** grinding curved surface and contour, consistency and long life under any pressure.

**Material:** VSM Ceramic Grain; fiberglass backing

**Specification:** regular Diam. 100mm, 125mm, 180mm

**Grit No:** 24#、36#、40#、60#、80#、120#

**Customized Products:** specifications can be customized with customer needs

#### **Flap Disc with Nylon abrasive belt**

**Features:** excellent self-sharpening, synchronous grinding, working quickly and efficiently

**Suitable for:** welding, casting and various metal manufacturing industries, surface transition, edge grinding, weld bevel processing, stainless steel and high carbon steel grinding and polishing

**Grit No:** Coarse (yellow) 150#, Medium (red) 240#, Fine (blue) 400#

**Customized Products:** specifications can be customized with customer needs

#### **Flap Wheel with Calcined Aluminium Oxide**

**Features:** excellent flexibility, high tensile and better bending strength, excellent self-sharpening, high grinding efficiency and low noise.

**Suitable for:** grinding for automobiles, shipbuilding, heavy machinery and molds, grinding and polishing for stainless steel, metal, metallurgy, wood, marble, especially for stainless steel processing.

**Material:** Calcined Aluminium Oxide, metal chucking

**Specification:** Diam. 100-350mm, Thickness 20-70mm

**Grit No:** 24-1000#

**Customized Products:** specifications can be customized with customer needs

### **Flap Wheel with Zirconia Alumina**

**Features:** high working efficiency, stable grinding quality, no burning work-pieces, easily continuous operation

**Suitable for:** grinding and polishing for titanium alloy, heat-resisting alloy, stainless steel, finishing

**Material:** Zirconia Alumina, mental chucking

**Specification:** Diam. 100-350mm, Thickness 20-70mm

**Grit No:** 24-1000#

**Customized Products:** specifications can be customized with customer needs

### **High Destiny Flap Wheel**

**Features:** high destiny flaps, with more higher working efficiency, more excellent grinding quality compared with normal flap wheel

**Suitable for:** grinding and polishing for stainless steel, metal, non-mental and wood work-piece, finishing, rust removing

**Material:** Aluminium Oxide, mental chucking

**Specification:** Diam. 100-350mm, Thickness 20-70mm

**Grit No:** 24-1000#

**Customized Products:** specifications can be customized with customer needs

### **Customized Special Shape Flap Wheel**

**Features:** customized made according to work-pieces' shape, well consume synchronously, no burning work-pieces, easily continuous operation

**Suitable for:** grinding and polishing for stainless steel, metal, non-mental and wood curved surface work-piece

**Material:** Aluminium Oxide, mental chucking

**Specification:** customized according to work-pieces' shape

**Grit No:** 24-1000#

**Customized Products:** specifications can be customized with customer needs

### **Flap Wheel with Shank**

**Features:** high quality Aluminium Oxide cloth, high working efficiency, more save operating, no burning work-pieces, low noise easily operating

**Suitable for:** used for work-piece assembly, mould manufacturing, metal and non-metal complex shapes, deep-space polishing and finishing, grinding and polishing for uneven surface and side surface

**Material:** Aluminium Oxide, metal shank

**Specification:** Diam. 15-80mm, Thickness 25mm, 16-30mm for cone-shaped

**Grit No:** 60#, 80#, 120#

**Customized Products:** specifications can be customized with customer needs

### **Radial Flap Disc**

**Features:** high quality abrasive cloth, powerful and quick sharpening, good flexibility, preventing work-pieces from being burnt, high grinding efficiency, good safety in use and long service life

**Suitable for:** metal surface grinding and polishing, weld seams grinding, rust removing

**Material:** Aluminium Oxide, Calcined Aluminium Oxide, Zirconia Alumina

**Backing:** plastic

**Specification:** 100×16(Diameter × Aperture)

**Grit No:** 40-320#

**Customized Products:** specifications can be customized with customer needs

### **Abrasive Wire Flap Wheel**

**Features:** high quality Aluminium Oxide cloth, good flexibility, heat-resisting and wear-resisting, high grinding and polishing efficiency, long service life

**Suitable for:** grinding and polishing for stainless steel, metal, non-metal and wood

curved surface work-piece

**Material:**Aluminium Oxide, metal or plastic chucking

**Specification:** Diam. 250mm, Thickness 50mm

**Grit No:** 24-1000#

**Customized Products:** specifications can be customized with customer needs

## **1. Abrasive Belt Series**

### **Abrasive Belt with Aluminium Oxide**

**Features:** fast cutting, heat resistance, long life, high efficiency wear resistance.

**Suitable for:** grinding and polishing for metallurgy, machinery, shipbuilding, wood, metal, non-metal and other industries.

**Material:** Aluminium Oxide

**Specification:** Width 3-120mm, Length 305-820mm

**Grit No:** 24-800#

**Operations:** automatic grinding, mechanical grinding, desktop grinding, hand tool grinding

**Customized Products:** specifications can be customized with customer needs

### **Abrasive Belt with Silicon Carbide**

**Features:** abrasive surface sharper, high strength and grinding ability,

strong tensile strength with wide belt tension.

**Suitable for:** grinding and polishing for brass, bronze, titanium alloy, aluminium alloy, glass, ceramic, china, mineral, stone, rubber and other synthetic material. Medium and high density plate grinding, used for extra large abrasive belts

**Material:** Silicon carbide

**Specification:** Width 3-120mm, Length 305-820mm

**Grit No:** 40-400#

**Operations:** automatic grinding, mechanical grinding, desktop grinding, hand tool grinding

**Customized Products:** specifications can be customized with customer needs

### **Abrasive Belt with Zirconia Alumina**

**Features:** strong anti-tensile force, strong impact force, high wear-resisting, excellent comprehensive cost performance

**Suitable for:** grinding and polishing for steel, alloy steel, cast iron and non-ferrous metals, heavy grinding with medium or heavy load

**Material:** Normal or Imported Zirconia Alumina cloth

**Specification:** Width 3-120mm, Length 305-820mm

**Grit No:** 36-320#

**Operations:** automatic grinding, mechanical grinding, desktop grinding, hand tool grinding

**Customized Products:** specifications can be customized with customer needs

### **Abrasive Belt with Ceramic Grain**

**Features:** excellent self-sharpening, strong grinding, large material removing

**Suitable for:** grinding and polishing for chrome steel, chromium nickel steel, stainless steel, high alloy steel, nickel base alloy, titanium steel, brass, bronze and etc.

**Material:** Imported Ceramic Abrasive cloth

**Specification:** Width 3-120mm, Length 305-820mm

**Grit No:** 36-320#

**Grinding Technology:** Surface grinding, edge grinding, slight bending surface grinding, deburring

**Customized Products:** specifications can be customized with customer needs

### **Stacked Abrasive Belt**

**Features:** excellent self-sharpening, long service life, uniform grinding volume and surface roughness



**Suitable for:** grinding for non-alloy, low alloy and high alloy steel, stainless steel, brass and bronze and other non-ferrous metals

**Material:** Imported Ceramic Stacked Abrasive cloth

**Grit No:** 60-600#

**Customized Products:** specifications can be customized with customer needs

## **2. Abrasive Sleeve Series**

### **Abrasive Sleeve with Aluminium Oxide**

**Features:** high quality Aluminium Oxide cloth, long life, high cutting rate, easy operation

**Suitable for:** polishing, grinding and removing burrs for flat or curved surfaces, inner bores and hard-to-contact surfaces of metal, nonmetal, stainless steel, carbon steel, and aluminum, or irregular hardwood surfaces.

**Material:** Aluminium Oxide cloth

**Specification:** Diam. 2-108mm, Maximum Length 400mm

**Grit No:** 36-800#

**Operations:** automatic grinding, mechanical grinding, desktop grinding, hand tool grinding

**Customized Products:** specifications can be customized with customer needs

### **Abrasive Sleeve with Zirconia Alumina**

**Features:** high quality Zirconia Alumina cloth, long service life, high processing efficiency , easily operation

**Suitable for:** polishing, grinding and removing burrs for flat or curved surfaces, inner bores and hard-to-contact surfaces of metal, nonmetal, stainless steel, carbon steel, and aluminum, or irregular hardwood surfaces.

**Material:** Zirconia Alumina Abrasive Cloth

**Specification:** Diam. 2-108mm, Maximum Length 400mm

**Grit No:** 40-800#

**Operations:** automatic grinding, mechanical grinding, desktop grinding, hand tool grinding

**Customized Products:** specifications can be customized with customer needs

### **Abrasive Sleeve with Silicon Carbide**

**Features:** high quality Silicon Carbide cloth, long service life, high grinding efficiency , easily operation

**Suitable for:** polishing, grinding and removing burrs for flat or curved surfaces, inner bores and hard-to-contact surfaces of metal and irregular hardwood surfaces.

**Material:** Silicon Carbide Abrasive Cloth

**Specification:** Diam. 2-108mm, Maximum Length 400mm

**Grit No:** 36-800#

**Operations:** automatic grinding, mechanical grinding, desktop grinding, hand tool grinding

**Customized Products:** specifications can be customized with customer needs

#### **Abrasive Sleeve with Ceramic Grain**

**Features:** VSM ceramic abrasive cloth VSM, long service life, high processing efficiency, easy operation

**Suitable for:** polishing, grinding and removing burrs for flat or curved surfaces, inner bores and hard-to-contact surfaces of metal, nonmetal, stainless steel, carbon steel, and aluminum, or irregular hardwood surfaces. It can be used on alloys that are sensitive to temperature changes.

**Material:** Imported Ceramic Abrasive Cloth

**Specification:** Diam. 2-108mm, Maximum Length 400mm

**Grit No:** 40-800#

**Customized Products:** specifications can be customized with customer needs

### **Abrasive Sleeve with Calcined Aluminium Oxide**

**Features:** high quality Calcined Aluminium Oxide abrasive cloth, long service life, high processing efficiency, easy operation

**Suitable for:** polishing, grinding and removing burrs for flat or curved surfaces, inner bores and hard-to-contact surfaces of metal, nonmetal, stainless steel, carbon steel, and aluminum, or irregular hardwood surfaces.

**Material:** Calcined Aluminium Oxide Abrasive Cloth

**Specification:** Diam. 2-108mm, Maximum Length 400mm

**Grit No:** 40-320#

**Customized Products:** specifications can be customized with customer needs

### **3. Fiberglass Backing Plate Series**

**Features:** no glue penetration, high strength and more flexibility by best quality fiberglass fabric, excellent phenolic resin, galvanized metal rings, and total quality control: detection, inspection and testing

**Suitable for:** manufacturing flap disc, non-woven flap disc, felt disc, clean and strip disc, combined flap disc(non-woven abrasive cloth, different abrasive cloth) , elastic flap disc, diamond flap disc etc.

**Features:** Fiberglass

**Specification:** Diam. 75-230mm, 5-14 layers, T27-flat or T29-angled

**Mental ring:** single mental ring, double mental ring, higher mental ring

**Backing material:** black paper, fabric, non-woven fabric, pressure label

**Customized Products:** specifications can be customized with customer needs

### **Quick Change Disc**

**Suitable for:** polishing, grinding, deburring for stainless steel, aluminium product, furniture and stone, ideal product for surface and edge grinding, more accurate grinding, effectively reducing waste

Aluminium Oxide and Zirconia Alumina for all metal and aluminum

Silicon carbide is used for general grinding, blending and finishing of various metals

Ceramic abrasives are used for non-alloy and alloy steel parts, cast iron, stainless steel, titanium, nickel-base alloys and hard materials.

Excellent non-woven cloth, good ductility and anti-clogging. It's suitable for soft metal and oily surfaces.

**Material:** Aluminium Oxide, Zirconia Alumina, Silicon Carbide, Ceramic Grain, Non-woven cloth

**Specification:** Diam. 25mm, 50mm, 75mm

**Grit No:** 24-1200#

**Screw type:** TR, TS, TP (plastic or mental, see the below pics)

**Customized Products:** specifications can be customized with customer

needs

## **Raw Materials**

### **1. VSM Raw Material**

#### **VSM Ceramic Grain**

Our company mainly specializes in XK870, XK850.

It's suitable for grinding stainless steel, chromium steel, chrome-nickel steel, high alloy steel, carbon steel, cast iron, base alloy, titanium alloy, nonferrous metal etc. It has the advantages of excellent self-sharpening, high working efficiency, faster grinding, uniform surface roughness, super long service life and cold grinding.

#### **VSM Abrasive with Zirconia Alumina**

Our company mainly specializes in ZK765X, ZK713X.

It's suitable for grinding stainless steel, chromium steel, chrome-nickel steel, high alloy steel, nickel alloy, nonferrous metal etc. work-pieces. It has the advantages of excellent self-sharpening, high grinding and great cutting force.

#### **VSM Stacked Abrasive**

Our company mainly specializes in KK712.

It's suitable for grinding all kinds of alloy and non-alloy steel,

chromium-nickel alloy, non-ferrous metal, brass etc. It has excellent self-sharpening, long service life and high working efficiency with uniform grinding effect and surface roughness.

## **2. Taurus Raw material**

### **Taurus Abrasive with Calcined Aluminium Oxide**

Our company mainly specializes in KX563, KX565.

Using all resin binder and X-type blended fabric

It's suitable for production and processing of plane flap disc, flap disc, radial flap disc, Korean flap disc, flap wheel, processing and conversion of abrasive belt etc. It is sharper, wear-resistant and good synchronism both abrasive and matrix.

### **Taurus Abrasive with Zirconia Alumina**

Our company mainly specializes in KX563.

Blue zirconium corundum sand, strong grinding force, good chip removal effect. It's suitable for production and processing of plane flap disc, flap disc, radial flap disc, Korean flap disc, flap wheel, processing and conversion of abrasive belt etc. It is sharper, wear-resistant and good synchronism both abrasive and matrix.

### **3. Mitsubishi Raw Material**

#### **Mitsubishi Abrasive with Aluminium Oxide**

Our company mainly specializes in GXK51-Disc、 GXK51-B.

Using all resin binder and X-type blended fabric

It's suitable for production and processing of plane flap disc, flap disc, radial flap disc, Korean flap disc, flap wheel, processing and conversion of abrasive belt etc. It's used for general metal, wood, plastic and other materials grinding. The grinding is sharper, the feeling is lighter and the spark is bigger.

### **4. DEERFOS Raw Material**

#### **DEERFOS Abrasive with Zirconia Alumina**

Our company mainly specializes in PZ660, KZ563.

Blue zirconium corundum sand, strong grinding force, good chip removal effect. It's suitable for production and processing of plane flap disc, flap disc, radial flap disc, Korean flap disc, flap wheel, processing and conversion of abrasive belt etc. It is sharper, wear-resistant and good synchronism both abrasive and matrix.

#### **DEERFOS Stacked Abrasive**

Our company mainly specializes in PG730.

It's suitable for grinding all kinds of alloy and non-alloy steel,



chromium-nickel alloy, non-ferrous metal, brass etc. It has excellent self-sharpening, long service life and high working efficiency with uniform grinding effect and surface roughness.