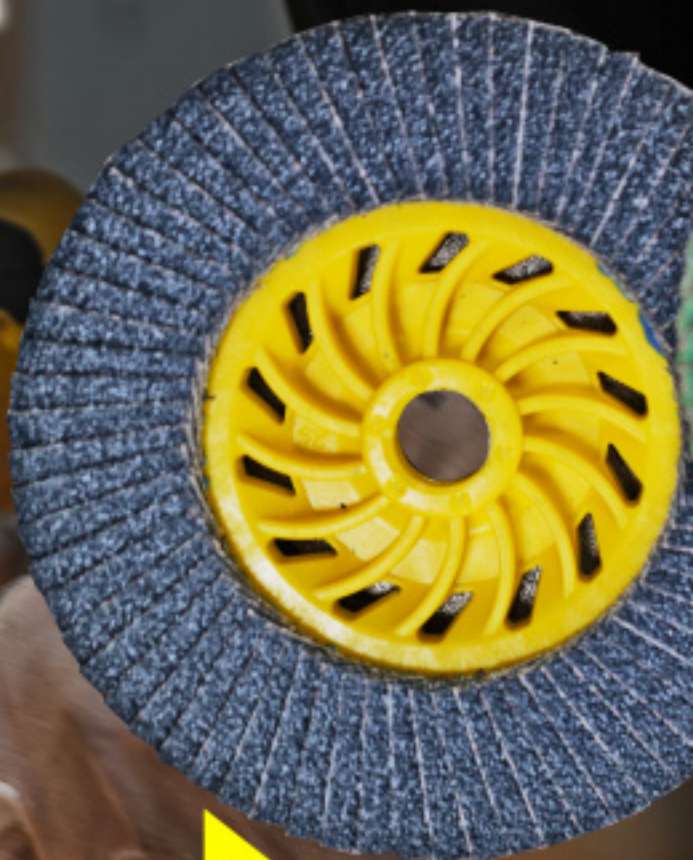


NEW PRODUCT!

SMT

TITAN



Introducing KLINGSPOR's Latest Flap Disc Achievement!



The TITAN

Trimmable flap disc w/ built-in 5/8"-11 Threaded center



ADVANTAGES

- ✓ **LONGEVITY:** Largest advantage is the longevity of the discs compared to a standard SMT. The unique design of the trimmable discs allows the user to utilize the entirety of the flaps, giving much longer life. The hard to reach middle section of the flaps often go unused, and with the trimmable backing, the user simply has to trim the edge back and easily access the untouched new abrasive. Longer use of each disc in return means that production time is saved by less frequent disc changes.
- ✓ **QUICK CHANGE:** Easy and quick disc change. The discs include a built in 5/8"-11 threaded arbor for quick and easy mounting.
- ✓ **COOL RUN:** The ability to run cooler. The unique fan shape of the backing allows the disc to run cooler, giving the disc more life.
- ✓ Firm plastic backing plate allows for more aggression when needed.

ITEMS & AVAILABILITY

- ✓ 4-1/2" angled and flat versions
- ✓ Several of our well-working options receive a trimmable backing: the SMT 624 Convex, SMT 624 Flat, SMT800, SMT 850, SMT 636, SMT 996

MARKETS

- ✓ Fab shops
- ✓ Production shops
- ✓ Oil & Gas
- ✓ Autobody/ Restoration shops
- ✓ Stainless shops and welding shops



TITAN Flap Discs Are Always Easy!



Saves Time & Money



Increased Efficiency



Breathable Airway Channels



No Tools Needed To Mount



TITAN Flap Discs At A Glance



SMT 996 T

6° CONVEX TITAN
Ceramic w/lube



Aggression:	■■■■■■■
Service life:	■■■■■■□
Backing:	Trimnable Plastic, 5/8" - 11
Abrasive:	Ceramic + Lube
Form:	convex (6°)



SMT 636 T

6° CONVEX TITAN
Alumina Zirconia w/lube



Aggression:	■■■■■■■
Service life:	■■■■■■□
Backing:	Trimnable Plastic, 5/8" - 11
Abrasive:	Aluminum Zirconia + Lube
Form:	convex (6°)



SMT 624 T

FLAT TITAN
Alumina Zirconia



Aggression:	■■■■■■□
Service life:	■■■■■■□
Backing:	Trimnable Plastic, 5/8" - 11
Abrasive:	Aluminum Zirconia
Form:	flat



SMT 624 T

12° CONVEX TITAN
Alumina Zirconia



Aggression:	■■■■■■□
Service life:	■■■■■■□
Backing:	Trimnable Plastic, 5/8" - 11
Abrasive:	Aluminum Zirconia
Form:	convex (12°)



SMT 800 T

12° CONVEX TITAN
Non-Woven



Aggression:	■■■□□□
Service life:	■■■■■■□
Backing:	Trimnable Plastic, 5/8" - 11
Abrasive:	Non Woven
Form:	convex (12°)



SMT 850 T

12° CONVEX TITAN
Non-Woven with Aluminum Oxide

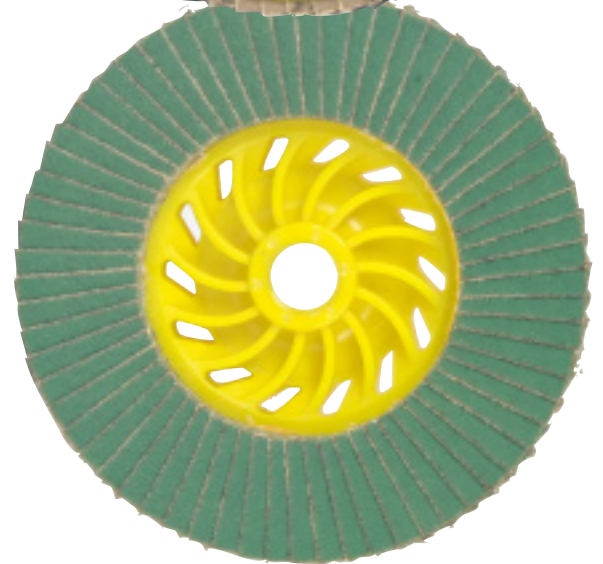


Aggression:	■□□□□□
Service life:	■■■■■■□
Backing:	Trimnable Plastic, 5/8" - 11
Abrasive:	Aluminum Oxide / Non Woven
Form:	convex (12°)

SMT 996 T 6° CONVEX



TITAN

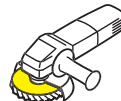


SPECIFICATIONS

- ✓ Ceramic grain with multibond lubricant
- ✓ Aggressive grinding for most demanding applications on stainless
- ✓ Stable grinding temperatures during heavy grinding
- ✓ Ideal for high-pressure applications and high-powered grinders

APPLICATIONS

- ✓ Weld seam work
- ✓ Edge work/beveling
- ✓ Universal metal & steel
- ✓ Stainless steel/High alloy stainless steel



Diameter	Bore Size	Grit	Vmax in m/s	Pkg/box
4-1/2"	5/8" - 11	40	80	10/box
4-1/2"	5/8" - 11	60	80	10/box
4-1/2"	5/8" - 11	80	80	10/box

Max RPM: 13,300

MOUNT BY SIMPLY SPINNING IT ON!



STABLE GRINDING
TEMPERATURES
FOR BETTER
SURFACE FINISHES



SMT 636 T 6° CONVEX



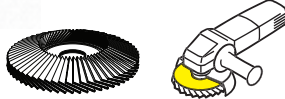
TITAN

SPECIFICATIONS

- ✓ Alumina Zirconia treated with multiband lubricant
- ✓ Runs cooler for grinding on stainless steel
- ✓ Reduced clogging and loading associated with heat build-up

APPLICATIONS

- ✓ Weld seam work
- ✓ Edge work/beveling
- ✓ Universal metal & steel
- ✓ Stainless steel/High alloy stainless steel
- ✓ Aluminum & non-ferrous metals

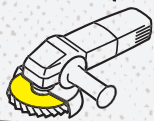


Diameter	Bore Size	Grit	Vmax in m/s	Pkg/box
4-1/2"	5/8"- 11	40	80	10/box
4-1/2"	5/8"- 11	60	80	10/box
4-1/2"	5/8"- 11	80	80	10/box

Max RPM: 13,300

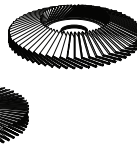
NO TOOLS OR MOUNTING NUT NEEDED!

REDUCED CLOGGING
AND LOADING WHEN
GRINDING
ALUMINUM



SMT 624 T TITAN

12° CONVEX
FLAT

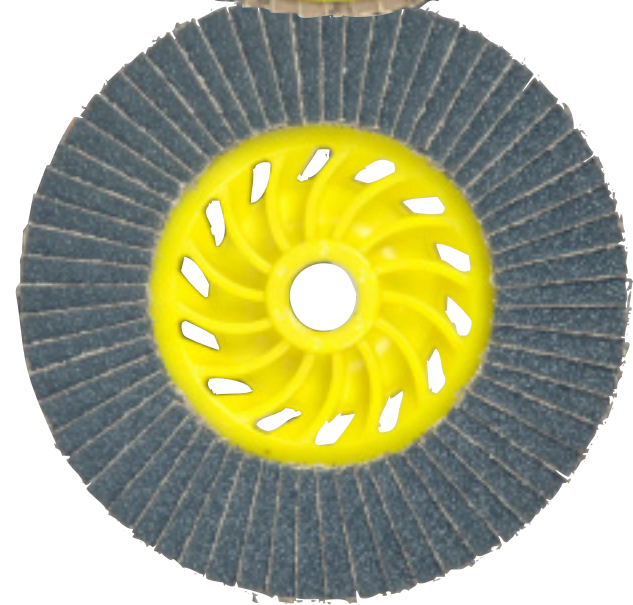


SPECIFICATIONS

- ✓ Alumina Zirconia
- ✓ High level of aggression
- ✓ Angled for effective grinding of welds, contoured surfaces, and edges
- ✓ Well suited for use on high-powered grinders

APPLICATIONS

- ✓ Weld seam work
- ✓ Edge work/beveling
- ✓ Universal metal & steel
- ✓ Stainless steel/High alloy stainless steel



FLAT or 12° CONVEX

Diameter	Bore Size	Grit	Vmax in m/s	Pkg/box	Availability
4-1/2"	5/8" - 11	36	80	10/box	Convex
4-1/2"	5/8" - 11	40	80	10/box	Convex or Flat
4-1/2"	5/8" - 11	60	80	10/box	Convex or Flat
4-1/2"	5/8" - 11	80	80	10/box	Convex or Flat
4-1/2"	5/8" - 11	120	80	10/box	Flat

Max RPM: 13,300

Which Flap Disc Do You Need?

The different variations have definite application advantages. For example the flat discs are best suited for flat surface grinding and offer a high degree of aggressiveness.

The 6° convex discs are best suited for flat or slight contour work and are 25% - 30% more aggressive than the 12° convex discs.

Our 12° convex discs are perfect for more contoured work and are easier to use for many inexperienced users.

Angled VS Flat

An angled flap disc will grind a narrower band of material than what a flat flap disc will. This narrower work space makes an angled disc well suited for working edges, welded seams, and rounded surfaces. The flat flap discs will allow you to work flat surfaces at a greater rate, creating a more consistent surface.



HIGH AGGRESSION
FOR HIGH POWERED GRINDERS





SMT 800 T

12° CONVEX **TITAN**

SPECIFICATIONS

- ✓ Full non-woven abrasive flap disc
- ✓ Perfect for satin finishes on stainless
- ✓ Best results are achieved with a variable speed grinder

APPLICATIONS

- ✓ Rust & varnish removal
- ✓ Heat tinting and oxide film removal
- ✓ Universal metal & steel
- ✓ Stainless steel/High alloy stainless steel
- ✓ Aluminum & non-ferrous metals



SMT 850 T

12° CONVEX **TITAN**

SPECIFICATIONS

- ✓ Combination of coated and non-woven abrasives
- ✓ Coated abrasive with multibond lubricant allows for cooler finishing on stainless
- ✓ Produces a beautiful satin finish
- ✓ Best results are achieved with a variable speed grinder

APPLICATIONS

- ✓ Finish grinding on flat and contoured surfaces
- ✓ Weld seam work
- ✓ Stainless steel/High alloy stainless steel
- ✓ Aluminum & non-ferrous metals

PRODUCES
BEAUTIFUL
SATIN FINISHES

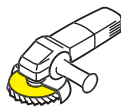


REMOVES
TIG WELDS &
FINISHES IN ONE STEP



SMT 800

12° CONVEX **TITAN**

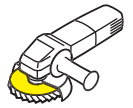


Dia	Bore Size	Grit	Color	Vmax in m/s	Pkg/box
4-1/2"	5/8"- 11	coarse	brown	80	5/box
4-1/2"	5/8"- 11	medium	maroon	80	5/box
4-1/2"	5/8"- 11	very fine	green	80	5/box

Max RPM = 13,300 • Recommended RPM 7,000

SMT 850

12° CONVEX **TITAN**



Dia	Bore Size	Grit	Color	Vmax in m/s	Pkg/box
4-1/2"	5/8"- 11	60 coarse	brown	80	5/box
4-1/2"	5/8"- 11	80 medium	maroon	80	5/box
4-1/2"	5/8"- 11	120 very fine	green	80	5/box

Max RPM = 13,300 • Recommended RPM 7,000



• SIMPLY SPIN IT ON!
• NO TOOLS NEEDED •



KLINGSPOR

The Most Sanding Power for Your Money Since 1893!

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WARNINGS

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Products mentioned in this catalog can expose you to chemicals, which are known to the State of California to cause cancer, birth defects or reproductive harm. All products have one or more of the following warning labels on their packaging according to their ingredients.



WARNING: This product can expose you to Titanium Dioxide, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.

ADVERTENCIA: Este producto puede exponerle a Dióxido de titanio, que es conocido por el Estado de California como causante de cáncer. Para mayor información, visite www.P65Warnings.ca.gov.



Applies to:

- ▶ SMT 996 T
- ▶ SMT 636 T
- ▶ SMT 624 T
- ▶ SMT 850 T
- ▶ SMT 800 T