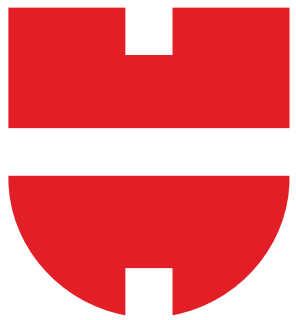


# **BODY SHOP & ABRASIVES**





**WÜRTH**

**06****Body Shop**

Abrasive Conditioning Tools	06.0205 - 06.0215	Trim Clamps & Removal Tool	06.0100
Adaptors & Arbors	06.0275 - 06.0280	Welding Clamp Set	06.0090
Backing Pads	06.0285		
Body Shims	06.0155		
Body Shop Assortments	06.0005 - 06.0015		
Cutting Discs	06.0265		
Cutting Wheels	06.0250		
Cutt-Off Wheels	06.0260 - 06.0270		
DBS 3600	06.0035 - 06.0055		
Decal & Stripe Erasers	06.0030		
Dent Lifters	06.0060 - 06.0080		
Emery Cloth	06.0160, 06.0170		
Files	06.0290 - 06.0295		
Flap Discs	06.0230 - 06.0235		
Flexi-Discs	06.0225		
Grinding Discs	06.0245 - 06.0250		
Grinding Wheels	06.0220, 06.0245		
Laminated Discs	06.0255		
Masking	06.0145		
Micro Grip	06.0095		
Mixing Pallet & Spreaders	06.0105		
Neoprene Sponge Weatherstrips	06.0150		
Plastic Wedge	06.0085		
Protective Sheeting	06.0105		
Roloc Brake Rotor Surfacing Discs	06.0190		
Sahara Dry Abrasive Paper	06.0165		
Sampler Packages	06.0020 - 06.0025		
Sanding Abrasives	06.0170 - 06.0175		
Scuffing/Buffering	06.0180 - 06.0185		
Slotted See-Through Grinding Discs	06.0240		
Sound Deadening Pads	06.0130		
Tape	06.0110 - 06.0145		



**BODY SHOP ASSORTMENTS**

**Rivets & Nutserts**
**Art. 196400006**

1550 Pieces

- Large Flange Rivets
- Aluminum Rivets
- Steel Rivets
- Plastic Rivets
- Window Regulator Rivets
- Thinsheet Nutserts


**Aluminum Rivets**
**Art. 19641914**

600 Pieces

Selection of most popular Aluminum Rivets:

- US sizes
- Large Flange
- Button Head Blind


**Steel Rivets**
**Art. 19641935**

600 Pieces

Selection of most popular Steel Rivets:

- Large Flange
- Blind Countersunk
- Blind Flat Head


**Rivets, Push-ons & Spin Nut Washers**
**Art. 196415015**

815 Pieces

- Nut w/washers
- Push on washers
- Window Rivets
- Bumper Rivets
- Blind Rivets & more...


**Plastic Rivets**
**Art. 19641948**

275 Pieces

Selection of most popular Plastic Rivets: Metric sizes


**US Thinsheet Nutserts & Gun**
**Art. 19641917**

130 Pieces

- Zebra Rivet Nut Gun
- Nutsert Mandrels
- Rivet Nut Mandrels
- Blind Rivet Nuts
- Thinsheet Nutserts


**Metric Thinsheet Nutserts & Gun**
**Art. 1964 0917**

Over 100 Pieces

- Zebra Rivet Nut Gun
- Mandrels
- Thinsheet Nutserts


**Miscellaneous Clips**
**Art. 1964 15018**

310 Pieces

- Cable Straps
- Grill Clips
- Washerhose Retainer
- Moulding Clips
- Bumper Clips & more...

**BODY SHOP ASSORTMENTS (CONTINUED)**

**U Nuts, Retainers  
& Tek Screws**
**Art. 1964 15011**

825 Pieces

- Spring U Nuts
- Push Nuts
- Retainer Clips
- Tek Screws
- Sems Screws and more...


**Body Bolts, U-Nuts  
& Retainers**
**Art. 1964 15016**

580 Pieces

- Fold & Push nuts
- Body Bolts
- Push on Retainers
- Headlamp Adjusting Bar
- Hex Head w/ washer screws


**Speed Clips**
**Art. 1964 15010**

600 Pieces

- Speed Nuts
- Speed Clips
- Mercedes Clips
- Rivets & more...


**U-Nut &  
Body Bolts**
**Art. 1964 150112**

300 Pieces

- U-Nuts
- Hex Head Washer Bolts
- Fold Nuts


**Screw Type  
Retainers**
**Art. 196415012**

575 Pieces

- Cowl Retainers
- Grill Rivets
- Bumper Rivets & Clips
- Screw Type Retainers
- Weatherstrip Clips


**Screw Type Push  
Retainers**
**Art. 196415013**

550 Pieces

- Fascia Clips
- Retaining Clips
- Trim Panel Clips
- Drive Rivets
- Headlamp Clips & more...


**Anchor Clips**
**Art. 1964 15014**

615 Pieces

- Screw Anchors
- Screw Grommets
- License Plate Nuts
- Headlamp Bezel Nuts
- Grill Nuts
- Nut Side Markers


**Christmas Tree/  
Push Retainers**
**Art. 1964 15017**

775 Pieces

- Shield Retainers
- Panel Retainers & Clips
- Grill Retainers
- Moulding Clips
- Bumper Clips & more...

**BODY SHOP ASSORTMENTS (CONTINUED)**

**Christmas Tree Clips**
**Art. 1964 150115**

300 Pieces

- Shield Retainers
- Door Panel Clips
- Radiator Arrow Clips
- Trim Panel Retainers
- Mud Shield Retainers


**Retainer Clips**
**Art. 1964 150117**

240 Pieces

- Shield Retainers & Clips
- Fender Skirt Retainers
- Screw Type Retainers
- Door Panel Retainers
- Bumper & Grill Rivets
- Moulding Clips & more...


**Nylon Nuts**
**Art. 1964 150113**

400 Pieces

- Anchors
- Grommets
- Grill Nuts
- License Plate Nuts
- Headlight Bezel & Nuts


**Speed Nuts**
**Art. 1964 150114**

750 Pieces

- Push Nuts
- Push Nut Retainers
- Self Threading Nuts
- Push On Washers
- Washer Lock Nuts
- Flat Push On Washers


**A/B Clip Assortment**
**Art. 1964 501**

Over 5,000 Pieces

Top 10 clip assortments including:

- Screw Type Retainers
- Screw Type Push Retainers
- Anchor Clips
- Body Bolts & Screws
- Christmas Tree Push Retainers
- U Nuts / Retainers / Tek Screws
- Rivets/ Push-ons/ Spin Nut Washers
- Miscellaneous Clips

**BODY SHOP SAMPLER**


Description	Art #
Body Shop Sampler	1964190931

**Contains the following**
**4-1/2" x 1/4" Grinding Wheels**

- Synthetic resin-bound, fibre reinforced, high-performance rough turning discs.
- For freehand rough turning with electric or compressed air angle grinders.
- Very low incidence of breakage.
- Minimal measurement and imbalance tolerance
- Discs meet the very high safety requirements of the European standard EN 12413 and the OSA (Organization for the Safety of Abrasives).

**3" x 1/32" Cut-Off Wheels**

- Extremely high cutting capacity (very short cut-off times); very long service life.
- Extremely thin for precise, virtually burr and chatter-free cutting (very clean and cool cutting surfaces).
- Work requires minimal effort and helps to protect the user and machine.
- Minimal build-up of cutting waste and cut-off dust.
- Low noise output and high break-resistance.
- Specially designed for thin-walled pipes and profiles, thin metal sheets, car body sheets, etc.

**4-1/2" Premium Aluminum Oxide**
**Fibre Disc**

- High quality, heavy vulcanized fibre discs, 8mm thick.
- Thick corundum coating (aluminum oxide).
- Synthetic resin bound.

- Ideal for grinding welds of all types:

- Steel, fabricated steel, fiberglass & heavy metals.

- No clogging due to dust repellent coating.

- Long service life.

- No breaking or tearing at the edges during grinding.

**3" Disc Holder with Mandrel Blue 3" Nylon Grinding Disc**

- Resilient nylon fiber fleece with embedded grit.

- Highly effective for cleaning without removing too much of the base material.

- May be used wet or dry.

**Zebra Flexi-Disc**

- Outlasts conventional fibre discs

- No clogging or smearing

- Cool grinding

- Versatile with a wide range of applications

- Higher resistance to tearing when grinding corners and edges

- Higher volume of material is removed

- Self sharpening zirconia continuously produce new sharp points

**Cartridge Tip Cutter**

- Cuts the perfect angle on all plastic cartridge tips.

- Cuts straight edge on our threaded sprayable seam sealer

**Razor Blades**

- Strong steel back, single edge.

- 100/box individually wrapped for rust and edge protection.

**WURTH Mask**

- 10 rolls/case of high quality tape.

- Tape strips clean with no residue or paint flake

after oven baking and extended application.

- Use on metal, rubber or plastic.

- Replaces 2" tape & works 30% faster.

- Paper & tape made in the USA.

**WURTH Clear Coat**

- Crystal clear durable finish

- Ultra high build

- Compatible with water-based basecoats

- Excellent gloss and image depth

**High Build Primer/Filler**

- Ready to use, no mixing required

- Excellent for uneven surfaces before topcoating

- Apply to existing painted surfaces, polyester bodyfillers and B.R.P.

- Produces high film build similar to spray gun

- Chromate free and easy to sand

**AdhesivFlex Seam Sealer**

- A high quality Polyurethane seam sealer & adhesive, superior to conventional rubber or silicone based sealers.

- Silicone free.

- Paintable, sandable.

- Highly flexible, does not shrink.

- Smooths with soapy water.

- Adheres to metal, wood, plastic and glass.

**Flexible Trim Paint Satin Black**

- Will match most OEM finishes.

- Can also be used as a flexible Bumper or Plastic Paint.

- Equivalent to factory blacked out trim.

- Satin finish.

- Refinishes primed steel, aluminum & plastic bumpers.

**Transfer Adhesion Tape**

- Excellent adhesion on most smooth surfaces.

- Quick bonding and holding power

- Thin Adhesive film allows name plates to maintain their low profile appearance.

- Resistant to water, alcohol and detergents.

- No cutting or trimming.

**Flowable Blending and Finishing Putty**

- Designed to fill pin holes, sanding scratches and minor imperfections

- Spread over a much larger area than conventional glazing putties - allows imperfections to be filled without altering contour

- Spread extremely thin and sanded to an ultra-fine featheredge

- Use over sanded substrates, steel, galvanized steel and aluminum

- When mixed with body fillers, it improves spreading and sanding

- Cream hardener included



**DETAILER SAMPLER**


Description	Art #
Detailer Sampler	1964190950

**Satin Black Trim Paint**

- 15 oz. (20 fl. oz.) Aerosol.
- Equivalent to factory blacked out trim found on most cars.
- Satin finish.
- Refinishes primed steel, aluminum & plastic bumpers.

**Glass Cleaner (2)**

- 19 oz. Aerosol.
- New modern mint scent.
- Streakproof formula.
- Cuts through toughest kinds of dirt with little effort.

**Wheel Cleaner**

- 650 ml. (22 oz.) Trigger bottle.
- Contains no acid is safe for all wheels and will not harm epoxy.
- Loosens & removes densely caked-on buildups of dirt, grease & brake dust.

**Showroom Detailer**

- 650 ml. (22 oz.) Trigger bottle.
- Restores just waxed look in minutes without removing wax.
- Can be used on all painted surfaces, chrome & glass.

**Super Spray All**

- 32 fl. oz. Trigger bottle.
- Excellent spot remover.
- Ready to use.
- Takes off what others leave on.
- Ideal for Auto, Boat, Home and Industry.
- For use on hard surfaces including: Vinyl, rubber, painted metal, porcelain, fiberglass & plastic.

**Cockpit Care**

- 16.9 fl. oz. Trigger bottle.
- Environmentally friendly cleaning & car care.
- High quality carnauba wax & jojoba oils revive plastic surfaces leaving a satin matt gloss.
- Plastics retain their elasticity while receiving long term protection against environmental influences & ageing, preventing brittleness.
- Anti-static dust repellent.
- Fresh scent.

**Spot Sanding Pen**

- Paint repairs are better looking and permanent.
- Gets in where other tools can't reach.
- The glass fiber cartridge can be extended out (by turning) as needed, then easily retracted when not in use.
- Ideal for removing rust from dings.

## DECAL & STRIPE ERASERS



### Features

- Lasts considerably longer than multiple layer wheel currently available
- Removes stripes fast & safely
- Diameter: 3-1/2 " x 5/8"

### Directions

- Screw the tool adapter into the threads or install arbor and tighten with screw
- Install into electric or air drill
- **CAUTION:** Only use with slow running machine
- Before first application, roughen the edges of eraser (i.e. On a clean edge of a work bench)
- Observe running direction (opposite working direction)
- **DO NOT** work on one area for too long; this could cause excessive heat build up
- Wear protective eyewear, ear plugs and gloves for personal safety when working

	Description	Art #
Good	WURTH Economy - Max: 3,200 - 4,000 RPM	<b>1585902</b>
Better	WURTH Original	<b>058590</b>
	Arbor Set - Max 2,000 RPM	<b>1585900</b>
Best	DBS Eraser - Max: 3,500 RPM	<b>158591</b>

### Good



### Better



### Best

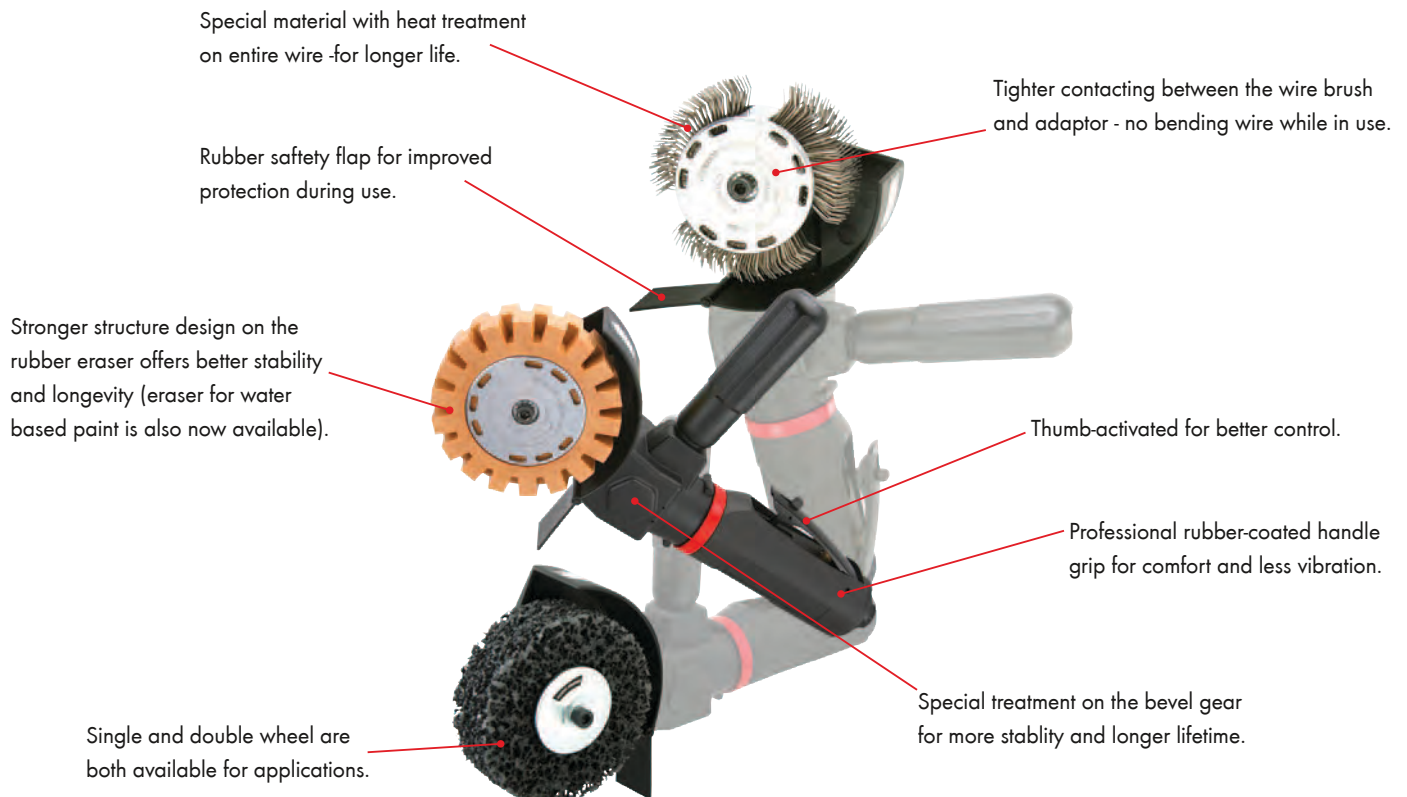


**DBS 3600**

**New and Improved!**

Description	Art #
DBS 3600 Kit	<b>07033601</b>

Description	Art #
DBS 3600 Brush Grinder (1)	<b>07033600</b>
Adaptor - 11mm (1)	<b>070336021</b>
Adaptor - 23mm (1)	<b>07033602</b>
Holder for black strip wheel double (1)	<b>070336022</b>
Holder for black strip wheel single (1)	<b>070336023</b>
11mm Fine Brush (1)	<b>070335031</b>
23mm Fine Brush (1)	<b>17033503</b>
11mm Coarse Brush (1)	<b>070335051</b>
23mm Coarse Brush (1)	<b>17033501</b>
Rubber Eraser (1)	<b>158591</b>
Rubber Eraser - Water Based Paint (1)	<b>058596</b>
Black Strip Wheel (2)	<b>05851100</b>



**DBS 3600 (CONTINUED)**

**Coarse Brushes**


The 23mm coarse brushes are particularly well suited for use on larger surfaces.



The 11mm coarse brushes provide particularly good performance and handling in tight spaces.

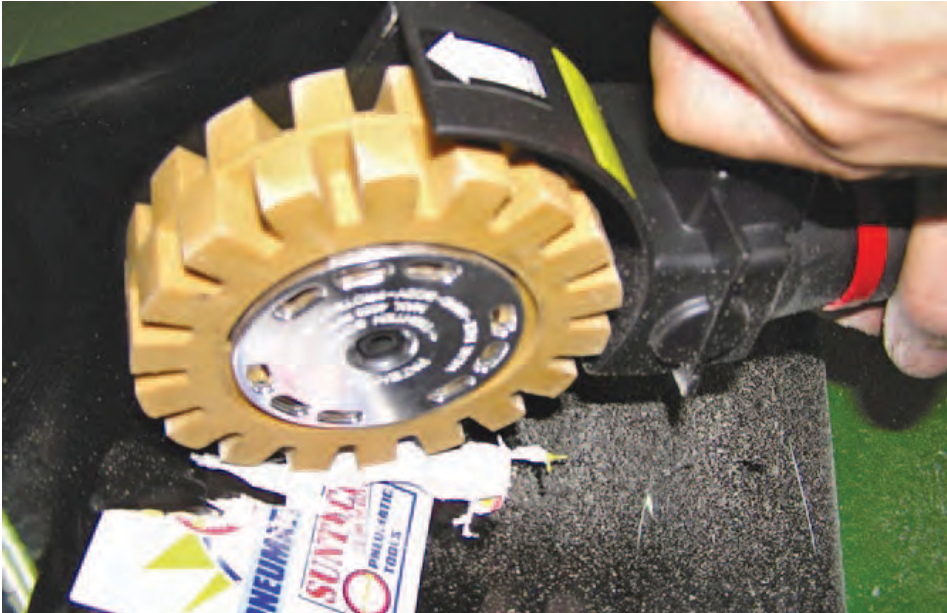

**Fine Brushes**


23mm fine brushes used for: rust removal and cleaning, removal of seals from grey casting. **Not suitable for aluminum and aluminum diecasting!**



11mm fine brushes used for: paint removal in contours and sharp-edged areas with 90° angles. No sand blasting effect.

**DBS 3600 (CONTINUED)**



**Removal of adhesive film, decals and glue residue from metal and paintwork. Twice the contact surface compared to a conventional film remover. This, and the higher speed, results in significantly quicker removal of material.**



Adapter - 23mm - Art. # 07033602  
 For use with Art #s:  
 17033501, 17033503, 158591 and 058596



Art #158591



Art # 058596 - water based

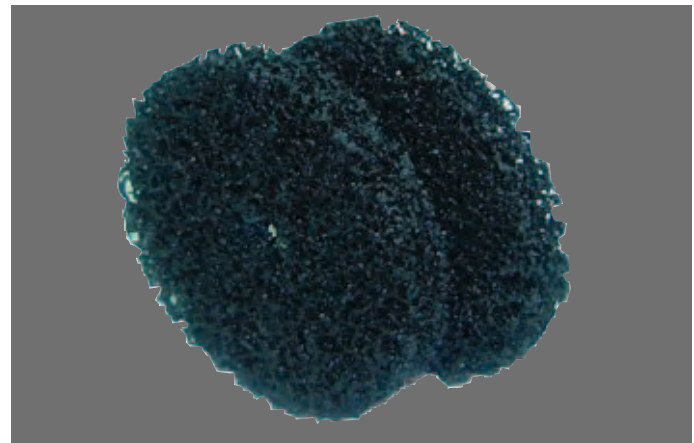


Adapter - 11mm - Art. # 070336021  
 For use with Art #s:  
 070335051 and 070335031

**DBS 3600 (CONTINUED)**

**Features**

- Cleaning of weld seams, metal surfaces, wood and plastics.
- Removal of blooming discoloration, cinder, rust, corrosion, dirt and oxide layers, coatings, paint, old paintwork, synthetic resins, adhesives, gasket residue, cement and concrete residue.
- Structuring, strip deadening, preparing and roughing of surfaces.
- Light deburring jobs.
- Cleaning of vehicle undersides as well as other diversified work in car body shops.



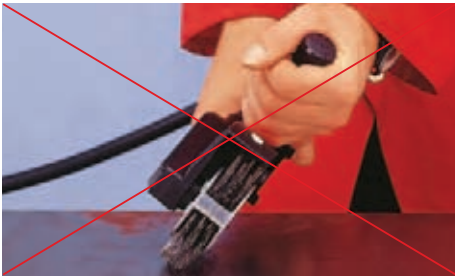
Art # 05851100



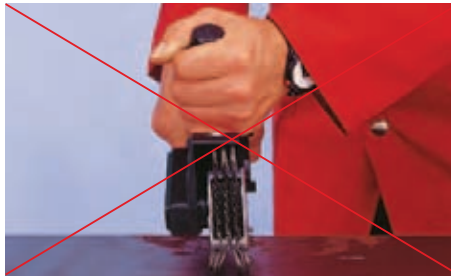
Art # 070336022 - double wheel

Art # 070336023 - single wheel

**DBS 3600 (CONTINUED)**



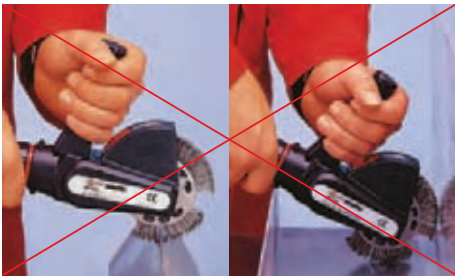
**DO NOT use at an angle**



**DO NOT use excessive pressure**



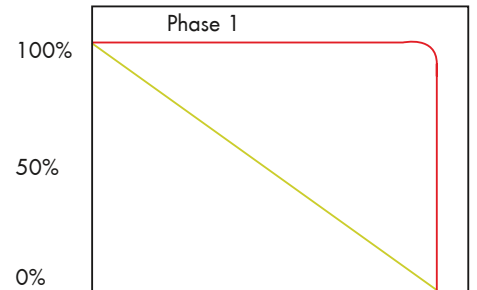
**Correct use**



**Incorrect use**

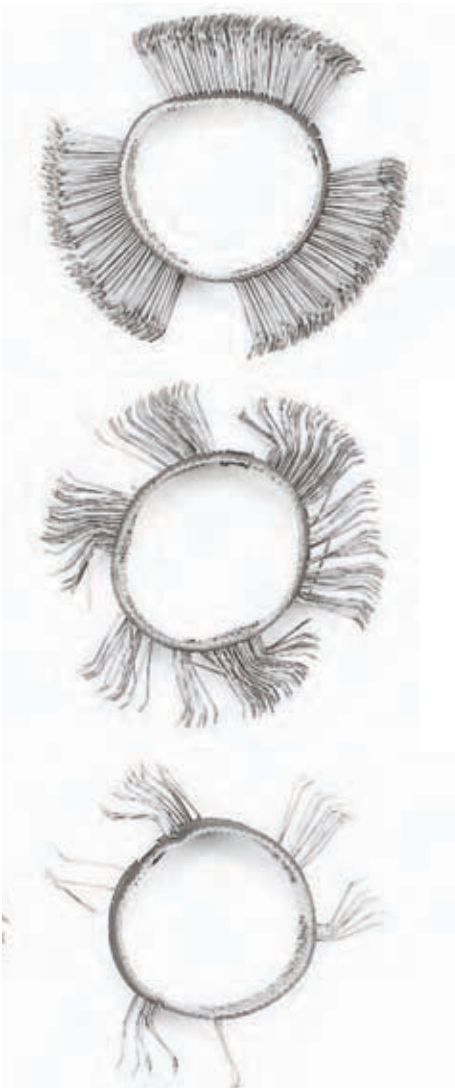


**Correct use**



**■ Belt of DBS 3600**  
**■ Traditional sanding disc**

**Resharpener will greatly increase the life of the belt.**



**Phase 1**

The belts work at full efficiency; even little pressure on the belt will remove a lot of material. The needles are sharp and straight. They don't break off.

**Phase 2**

The sharp needle ends have become dull. The pressure on the belt was increased to try to compensate for the decrease of the efficiency of the slowly dulling needles. This caused the needles to be bent backwards and some of the needles fell out. The belt is used up and the needles must be resharpened which will straighten them out. For resharpening turn the belt around and run the needles against the concrete or 60 grit sandpaper. Resharpener can be done 3-4 times until it would have to be replaced.

**Phase 3**

If the belt is not resharpened or replaced as mentioned in phase 2 and the pressure on the belt is increased, the condition as shown will appear. Most needles have fallen out and the remaining needles are sharply bent to the back.



**Explanation**

A traditional sanding disc is used up in a constant curve (see diagram) and you see how much it has been used and how much life is left in it. Opposite to this is phase 1 in which the belt works with no usage visible for a long time. The change to phase 2 and quickly to phase 3 comes sudden and is considered normal.

## MINI LIFTER KIT



Description	Art #
Mini Lifter Kit	<b>0691500252</b>

Includes				
#	Description	In Kit	Qty	Art #
1	Mini Lifter Tool	1	1	<b>0691500180</b>
2	Special Glue Stick	10 pcs	10 pcs	<b>0890100050</b>
3	Adapter Ball Shaped	16 mm	5 pcs	<b>0691500160</b>
	Adapter Ball Shaped	21 mm	5 pcs	<b>0691500161</b>
4	Adapter Ball Shaped	27 mm	5 pcs	<b>0691500162</b>
	Adapter Ball Shaped	32 mm	5 pcs	<b>0691500163</b>
5	Contact Feet	1 pair	1 pair	<b>0691500156</b>
6	Wedged Scraper	1	1	<b>07145832</b>
7	Straightening Cone	1	1	<b>0691500150</b>
8	Gloves	1 pair	1 pair	<b>089940309</b>
9	Cleaning Cloths	1 pack	75	<b>0899800901</b>
10	19" Tool Box	1	1	<b>1695590651</b>

Steps continued on next page >>



1. Clean dent with WURTH Clean Prep and, if required, affix a cross-mark



2. Wearing gloves, apply melted adhesive to the suitable



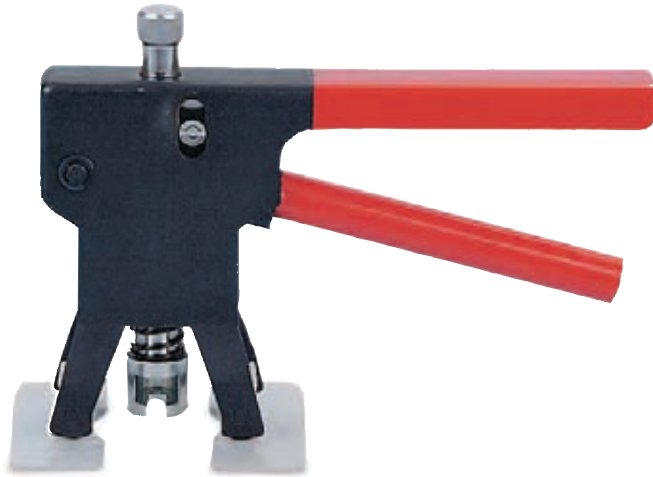
3. Glue the adapter into the dent and align with the cross-mark  
P.R. = Panel Range



4. Cool the adapter off with compressed air or use WURTH Freeze Spray



## MINI LIFTER KIT (CONTINUED)



The Mini Lifter is especially suitable for repairing small, soft dents on various materials.

### Features

- Small, light and very handy, easy to use tool
- The contact feet can be set precisely on the dent so the edge of the dent is not pulled up
- The special swiveling contact feet adapt to any contour for optimal support and gentle treatment of surface finish
- Reverse deformation can be verified by the scale on the tool, assuring controlled reverse deformation of the dent
- Advanced adapters with ball shape and improved bonding surface, assuring best possible work results when repairing small dents

### WURTH Patented Product

### Note

The adapters Art. # 0691 500154 & 155 also fit the Dent Lifter and Maxi Lifter. However, the Dent Lifter Art. # 0691 500115-122 cannot be inserted in the Mini Lifter.



5. Attach the Mini Dent lifter to the adapter and carefully pull out the dent



6. Heat the adapter with a heat gun or apply Adhesive Remover



7. Remove adhesive residue with spatula or use Adhesive Remover



8. An overextended dent can be reversed with a straightening cone

## BODY & FENDER DENT PULLING SYSTEM



By attaching the tension adapters, dents in different materials and surfaces can be pulled out. Subsequent painting of many dents may not be needed.

**WURTH Patented Product**

Description	Art #
Body & Fender Dent Pulling System	<b>0691500111</b>

Includes			
#	Description	Qty	Art #
1	Slide Hammer	1	<b>0691500112</b>
2	Glue Sticks	10	<b>0890100057</b>
3	Adapter - round, stiff, yellow	10	<b>0691500115</b>
4	Adapter - round, flexible, purple	10	<b>0691500116</b>
5	Adapter - oval, stiff, yellow	10	<b>0691500117</b>
6	Adapter - oval, flexible, purple	10	<b>0691500118</b>
7	Adapter - round, small, blue	10	<b>0691500121</b>
8	Lifter for Adapter	1	<b>0691500114</b>
9	Spreader - blue	2	<b>0691500120</b>
10	Clean Prep	1	<b>08909380</b>
11	Electric Glue Gun	1	<b>0702100057</b>
12	Scuff Pads	3	<b>158544003</b>
13	WURTH Gloves	1 pair	<b>089940309</b>
14	Low Lint Wipes	75	<b>189992131</b>
	WURTH Freeze Spray (not included)		<b>18909902</b>

### Features

- No removal of paint coating - **No repainting**  
(The success of the repair without repainting depends on the quality of the paint and how the product is used)
- No disassembly of the interior trim and no disconnection of the battery - **No disassembly/assembly times**
- No welding burns on the inner side of the body - **No reworking required**
- The low generation of heat allows work even on critical components  
**Universal application, e.g. on motorcycle fuel tanks, stainless steel containers etc**
- The large-surface adapters enable smooth straightening of the dent -  
**No reworking required compared to spot welding methods**

### Application of the Adapters

- Five different tension adapters included in the set enable optimized work on small, large, round or long dents.
- The adapters can be reused and trimmed.

### Application on the following materials

- Painted surfaces
- Steel sheet, blank or galvanized
- Stainless steel
- Aluminum
- Sheet gauges from 0.5 to 2mm

### Notice

Do Not Apply Adapters To Hot Surface.



### Freeze Spray

Art. # 1890 9902  
(Sold Separately)

## MAXI LIFT



Description	Art #
Maxi Lift	<b>0691500140</b>
Adapter Bolt (sold separately)	<b>0691500141</b>

- One hand operation permits hammer work on boundary of dent
- Excellent for roof & trunk repairs



## DENT LIFTER ADAPTERS



#	Description	Art #
1	Suitable for round and large dents, the adapter material enables high tensile forces and stress	<b>0691500115</b>
2	Suitable for round and sharp-edged dents, the adapter material can be adjusted to the shape of the dent by heating	<b>0691500116</b>
3	Suitable for oval and long narrow dents, the adapter material enables high tensile forces and strength	<b>0691500117</b>
4	Suitable for oval and long narrow dents, the adapter material can be adjusted to the shape of the dent by heating	<b>0691500118</b>
5	Suitable for small dents, the adapter material can be adjusted to the shape of the dent by heating	<b>0691500121</b>
6	Not included in Body & Fender Dent Pulling System (previous page)	<b>0691500122</b>

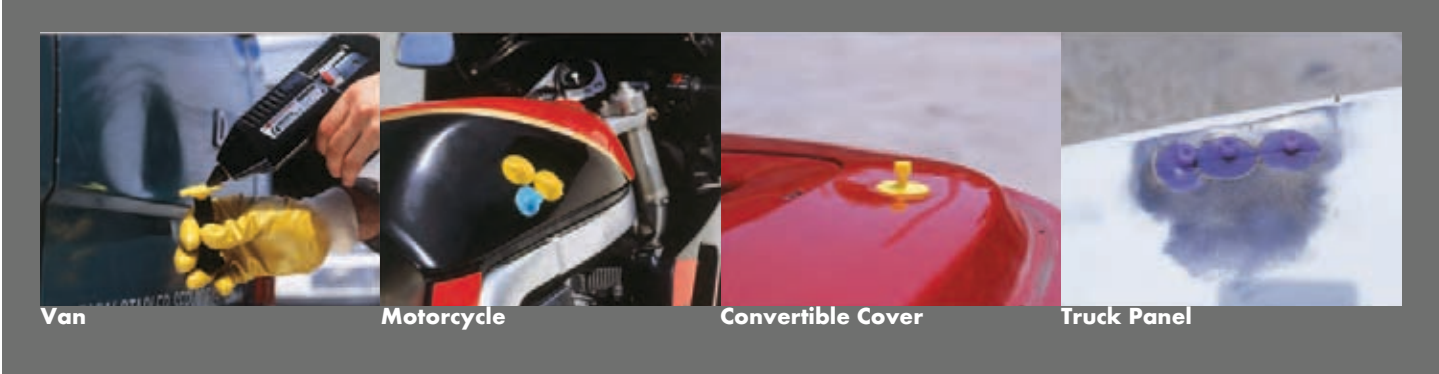
### Application of the Adapters

Five different tension adapters included in the set enable optimized work on small, large, round and long dents and bulges. After application the adapters can be re-used.

### Application on the following materials

- Painted surfaces
- Sheet steel, blank or galvanized
- Stainless steel
- Aluminum
- Sheet gauges from 0.5 to 2mm
- **DO NOT** apply to hot surfaces

See next page for Easy Steps to using WURTH USA's Dent Lifter Adapters!



Van

Motorcycle

Convertible Cover

Truck Panel

## CROSSOVERS

**Professional Heat Gun**  
Art. # 0702 600  
See Tool Section



**Economy Heat Gun**  
Art. # 0702 590  
See Tool Section



## DENT LIFTER ADAPTERS - EASY STEPS TO USE



1. Clean the dent with Wurth Clean-Solve.



2. Install suitable adapter on installation attachment and apply special adhesive to center. Always wear gloves when using hot glue.



3. Glue adapter to deepest spot and cool using compressed air.



4. Attach sliding hammer to the adapter and straighten dent using small, light strokes.



5. Using a heat gun, heat the adapter up until loose and remove pulling to the side using the installation attachment.



6. Heat up the adhesive residue and remove it using the special spatula.



7. Remove remaining adhesive residue using WURTH Clean Prep.

## PLASTIC WEDGE



### Features

- For work on all decorative strips and rubber seals
- The wedge shape makes this tool ideal for aligning car doors
- The special plastic prevents any damage to paint

Width	Length	Height	Art #
1.25"	7.8"	1"	<b>07145832</b>
2.35"	7.8"	1"	<b>071458321</b>



## UNIVERSAL NYLON HOOK



### Features

- The special plastic material prevents damage to the paint
- Due to its small size, it is the ideal tool for removing covers, lids and outside mirrors
- The special shape facilitates the insertion of window rubber strips, door seals, etc.

Length	Art #
7.5"	<b>07145839</b>

## BODY REPAIR TOOL



**Made from non-breaking and impact resistant special plastic material**

### Features

- For adjusting and aligning doors, boots and lids
- The textured handle surface prevents unexpected slipping
- Strong and lightweight - reduces work fatigue



Width	Length	Height	Art #
2.75"	11"	0.75"	<b>07145838</b>

## WELDING CLAMPS



**For quick and easy fixing of sheet metal for welding or bonding.**

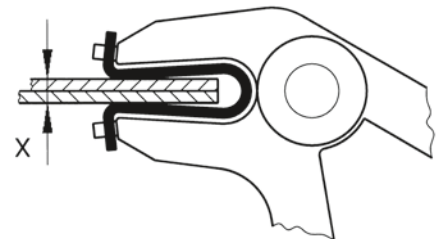
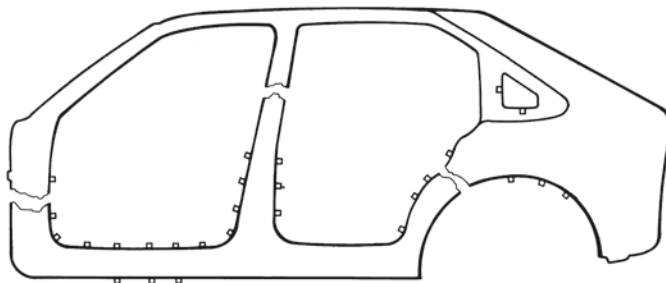
**WURTH Patented Product**

### Features

- Quick fastening and loosening clamps for enormous time savings in comparison to impact or screw clamps.
- Most economical alternative to conventional vise grip pliers.
- Large clamping range in comparison to clamp size, owing to their small size (corresponding to a door seal); gap dimensions can be set without effort.
- No cumbersome loosening or opening of clamps.
- Readjustment of sheet metal possible at any time without problem.
- The special angled shape of the pliers allow universal use of the clamps.
- Use clamps in tight spaces, such as: Trunk edges, hatchback, door columns, triangular windows, etc.

Description	Art #
Welding Clamp Set	<b>096574417</b>

Includes			
Description	Sheet Metal Thickness	Pack Qty	Art #
8 Welding Clamps - Zinc	0 - 2.5 mm	5 pcs	<b>0713744025</b>
8 Welding Clamps - Yellow	2.5 mm - 5 mm	5 pcs	<b>0713744050</b>
Welding Pliers	0 - 2.5 mm		<b>071374401</b>



### 3 Easy Steps



1. Insert the welding clamp into the welding pliers and open the clamp.

2. Slide the clamp over the sheet metal edges to be joined and release the pliers.

3. The powerful force of the welding clamp keeps the clamped sheet metal in place. To remove the fixing clamp, slide the pliers over the clamp and open.

**MICRO GRIP**


**Small grip pliers with toggle point joint clamping system.**

**Features**

- Adjustable toggle joint clamp, jaw width 0-12mm, always guarantees the highest clamping force in extremely small space.
- Compact design (overall length 92mm) and low weight of 120g is handy, practical and universally useable.
- Advantage through use of high strength aluminum for easy handling, resistant against welding splashes, suitable for aluminum repairs.

Description	Art #
Micro Grip	<b>07140932</b>


**Easy to use...**

**Adjust**

**Clamp**

**Release**

**TRIM CLAMP**


**Temporary fastener to affix windshield mouldings, protector mouldings and badges.**

**Features**

- For pressing on trim strips, window frames, emblems, etc.
- Lifting tabs along the circumference of the suction cup makes releasing easier
- Contact pressure easily adjustable by wing nuts
- Very useful tool for paint and body shops
- No more tedious peeling of double sided
- Good suction on all straight and curved surfaces
- Easy release tags on suction cup
- Contact pressure easily adjustable by wing nuts
- Very useful tool for paint and body shops

Description	Art #
Trim Clamp (4 per box)	<b>069155210</b>


**WURTH TRIM CLIP REMOVAL TOOL**

**Features**

- For careful extraction of clips inside linings
- Vanadium special steel, chromium plated
- Blade opening 16mm
- Blade length 165mm
- Total length 280mm

Description	Art #
WURTH Trim Clip Removal Tool	<b>07143452</b>



## PROTECTIVE SHEETING



This high density paintable plastic sheeting is corona treated and provides superior protection from overspray and other contaminants. These airborne contaminants adhere to the protective sheeting without flaking and prevent contamination of wet paint during the painting process.

### Features

- Clings to vehicle to prevent sheeting from lifting
- Clearly marked paintable side
- Cut to desired length
- Tear resistant, recyclable plastic
- Ultimate bleed through resistance against penetration of solvents, even paint stripper
- HDPE (high density polyethylene) is twice the strength of LDPE (low density polyethylene)
- Dispenser box keeps sheeting clean, free of dust, dirt and other contaminants



Description	Art #
16' x 350' Roll	<b>1899600400</b>

## MIXING PALLET "CLEAN SHEET"



### Features

- Non-absorbent.
- Use for mixing filler, epoxies, plastics and for blending touch-up paint.

**Remember: Never mix on cardboard it will absorb some of the resin needed to make a better mix.**

Description	Art #
Mixing Pallet - 100 sheets	<b>18993100</b>

## SPREADERS



**Large**



**Junior**



**Standard**

Description	Art #
Large 5" x 3"	<b>1695940923</b>
Junior 2 1/2" x 4 1/2"	<b>1695940921</b>
Standard 4" x 2 3/4"	<b>1695940922</b>

## TRANSFER ADHESION TAPE



### Features

- Excellent adhesion on most smooth surfaces
- Quick bonding and holding power
- Thin adhesive film allows name plates to maintain their low profile appearance
- Resistant to water, alcohol and detergents
- No cutting or trimming

Description	Art #
Transfer Adhesion Tape - 10 sheets/pack - 2" x 12"	<b>189411060</b>

### To Apply



1. Peel protective backing from tape.



2. Press clean object onto Transfer Tape.



3. Place object onto clean surface and apply pressure.

## DOUBLE SIDED TAPE - EXTRA THIN

### Features

- Use for adhering plastic lining on doors
- Self adhesive on both sides.
- Adheres immediately.
- Temperature resistance from -40°F to +212°F



Description	Art #
Double Sided Tape - Extra Thin - 3/4" x 164'	<b>0894235319</b>

## DOUBLE SIDED TAPE

**Double Sided Tape is a high density urethane foam tape with an aggressive acrylic coated on both sides. A heavy coating of an aggressive, high performance, acrylic adhesive. Exceptional adhesive performance (bond strength increases with aging). High density closed cell urethane foam carrier which readily conforms to irregular surfaces. Excellent weatherability, remains flexible over a wide range of humidity and temperature conditions. Resistance to solvents and chemicals, easily removable release liners, can be easily die cut to different shapes and sizes.**

### Features

- High strength, closed cell foam tape base
- Excellent adhesion to all automotive paints
- U.V. resistant, with wide temperature range from -20°F to +220°F
- Allows repositioning to make perfect alignments
- Use to attach new parts and reattach existing parts
- Use on side moulding strips, bumper strips, weatherstrips, interior trim and more
- Thick 1/2" width is used for larger, heavier type trim pieces
- OEM approved and used
- Use for sealing and gasketing
- Body side molding tape
- Emblem mounting
- Mounting of many items, automotive reflectors, interior and exterior metal and plastic trim, wiring harness clips, signs, name plates, etc.

Size	Length	Thickness	Art #
1/4"	65'	.031"	<b>1894914</b>
1/2"	65'	.031"	<b>1894912</b>
5/8"	65'	.031"	<b>1894958</b>
3/4"	65'	.031"	<b>1894934</b>
1"	65'	.031"	<b>189491</b>



### Application Instructions

- Mounting and joining to replace mechanical fasteners, shock and vibration absorption gasketing and sealing
- Superior performance for adhesion against stainless steel and painted steel
- High strength, closed cell foam tape conforms readily to irregular or curved surfaces
- Durable, long lasting acrylic adhesive
- Good low temperature flexibility, outstanding weather resistance

## CLEAR DOUBLE SIDED TAPE

### Features

- Super strong double-sided acrylic adhesive, perfect for attaching emblems and other critical items
- Thickness: 8 mm
- Adhesion: 90 oz/in
- Short term temperature resistance: 392°F
- Reliable bond even to LSE substrates
- Immediate usability right after assembly
- Suitability for most demanding applications such as heavy stress, high temperatures or critical substrates
- Suitable for mounting and bonding applications in the appliance industry

### Applications

- Mounting of ABS plastic parts in the car industry
- Self-adhesive mounting of rubber / EPDM profiles
- Mounting of decorative profiles and mouldings in the furniture industry
- Mounting of battery packs, lenses and touch-screens in electronic devices
- Mounting and bonding in the appliance industry

**Polyester film transparent tape, permanent bond, acrylic adhesive, red liner.**



Description	Art #
Clear Double Sided Tape 1/2" x 36 yd	<b>18944695</b>

## PAINTABLE SEAM SEALING TAPE

Single component, easy application urethane material that replaces the OEM paintable sealing tape used by General Motors, Ford, Chrysler and certain import models on the many body panels of 1996 and later vehicles.

### Features

- Resistance to long exposure to outdoor weather and sunlight, corrosion, gasoline, oil, salt and salt water spray
- Very high adhesion to metal, painted and plastic surfaces
- Compressible with memory
- High yielding on impact
- Can be painted or printed on using standard automotive paint systems
- A lightweight composite of cast urethane film on urethane foam
- Coated with a high strength, solvent resistant, permanent adhesive
- Superior mechanical abrasion resistance for covered surfaces against gravel, stones, etc.
- High elongation, conforms to complex curved surfaces, retains flexibility even at low temperatures over a long period
- Lightweight composite of cast urethane film on urethane close cell foam
- Coated with a high strength, solvent resistant permanent adhesive
- Superior mechanical abrasion resistance for covered surfaces against gravel, stones, sand, etc
- High elongation and conforms to complex curved surfaces
- Retains flexibility even at high and low temperatures
- Resistant to long exposure to outdoor weather and sunlight
- Resistant to corrosion, gasoline, oil, salt and salt water spray
- Excellent adhesion to bare or primed metal
- Compression with memory
- High impact resistance / resistant to abrasion



Description	Art #
Paintable Seam Sealing Tape 7/8" x 33' Roll	<b>1894678</b>

## SEAM SEAL TAPE

### Features

- Duplicates factory appearance
- Paintable
- Excellent adhesion
- Tape vulcanizes when painted
- Flexible around corners

Description	Art #
5/16" x 20' Roll	<b>1894808</b>
3/8" x 20' Roll	<b>1894810</b>



## SEAM SEAL TAPE ROLLER



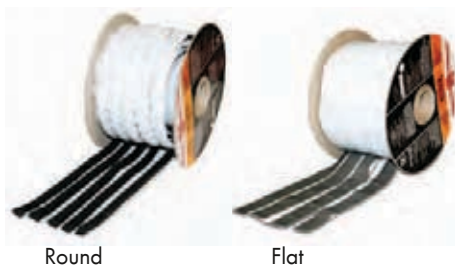
### Features

- Use roller to press the tape into place
- Use the flat roller end on flat surfaces and the rounded roller end on curved surfaces

Description	Art #
Seam Seal Tape Roller	<b>1894999</b>

## WÜRTH FENDER TAPE

**Permanent, plastic self-adhesive sealing tape or round strip for sealing of overlapping car body panels.**



### Features

#### Very good adhesive properties

- The tape offers very good adhesion as well as permanent bonding on various different surfaces, e.g. metal, plastic, wood, stone, etc.

#### Good UV, weather and water resistance

- Also suitable for outdoor use, resistant to rain and other weather influences (not for use in submerged condition)

#### Resistant to aging and high temperatures

- Provided the tape is used expertly, adhesion and sealing is assured over a number of years
- Also suitable for high-temperature applications, for example, sealing of car bodies

#### Steam diffusion layer

- The sealing tape or round strip enable water tight sealing and prevent the penetration of moisture into the car body

#### Noise and vibration damping

#### Self-fusing

#### Free of solvents and silicone

#### Immediately ready for use

Designation	Color	Width	Thickness	Length, mm	Pkg. Qty	Art #
Car Body Sealing Tape	Grey	20 mm	2 mm	26 mm (4 x 6.5)	1/4	<b>0890100030</b>
Car Body Round Sealing Strip	Black	10 mm diameter		10 mm (5 x 2)		<b>0890100032</b>

### Areas of Application

- Universal use for sealing of overlaps and screw connections in the automotive industry, container and motor home construction, for example between fender and body, at brake and rear lights (particularly round sealing strip), at trim parts and sunroofs.
- Also suitable for general sealing jobs to protect against dust, moisture and vibrations in electrical, machinery and construction applications as well as heating, ventilating and air conditioning, for example, between screwconnected parts, in seams, joints, housings of all types and pipe lead-throughs.

### Instructions for Use

- Surfaces to be sealed must be dry, stable and free from grease and dust.
- The application temperature must not be below +41 °F.
- Absorbent and porous surface must be pre-treated
- The car body sealing tape or round sealing strip must be pressed down carefully against the surface. Press the sealing surfaces together firmly to achieve an effective seal.
- Butyl has a tendency towards "cold flow" (flow property of the tape). Therefore, butyl products should always be attached mechanically, i.e. with screwing components together or use of a contact profile.
- Applying excessive pressure to the profile will cause "squeezing out" of the sealing compound. Never compress Butyl products to their zero point (use washer as spacer).

Material Base	Butyl Rubber
Fire Protection Class	B2
Application Temperature	+23 °F to +104 °F
Temperature Stability	-22 °F to +212 °F
Shelf Life (@ approx. +68 °F and 50% humidity)	24 months (store dry, lying flat and dust-free)

These notes are intended to provide our advice to the best of our knowledge, based on tests and experience. However, we cannot assume any liability for processing results in individual cases due to the wide variety of applications as well as storage and processing conditions beyond our control. This also applies in case our technical and commercial customer service is consulted free of charge and without obligation. We recommend carrying out individual tests. We guarantee the constant quality of our products. We reserve the right to make technical modifications and advanced developments.

## SOUND DEADENING PADS

### Features

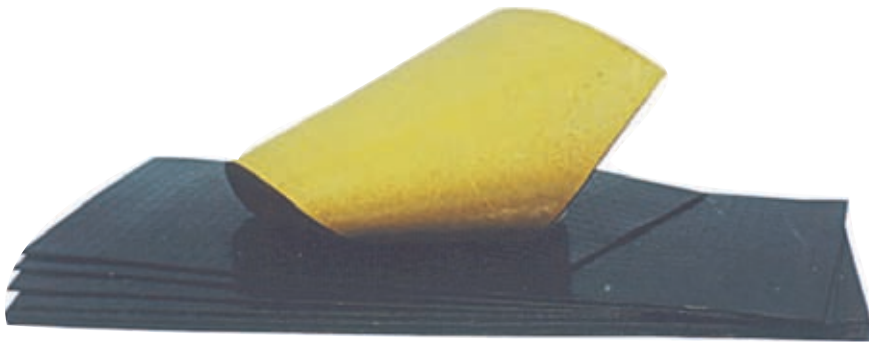
- Heavy Bitumen pads, aluminum coated, self adhesive
- Reinforced against breaking
- Can be heated to ease installation
- Resistant to water, slight acid & alkaline solutions
- Temperature resistant from -22°F to +176°F

Description	Art #
6 pads - 22" x 10" x 2mm each	<b>0890100060</b>



## GM OEM SOUND DEADENING PADS

**GM OEM Sound Deadening Pads are approved by General Motors Corporation and are described in several GM bulletins. GM OEM Sound Deadening Pads are non flammable and paintable.**



Description	Art #
10 pads - 8" x 20" x 1.5 mm	<b>0890100601</b>

### Features

- Absorbs vibrations in sheet metal panels
- Sound absorbent material
- Highly flexible at low temperatures
- Easily cut & paintable
- Excellent adhesion to bare or primed metal, plastic, concrete, glass and wood
- High impact resistance
- Resistant to abrasion
- Paintable
- Easily applied
- NO odor
- OEM appearance and approved
- Resistant to chemicals, oil and grease
- Non flammable
- Excellent sound deadening capacities
- Salt water resistant
- Radiation resistant

## MEDIUM GRADE AUTO MASKING TAPE

**Medium Grade Auto Masking Tape is thin and flexible and, therefore, suitable for all general masking applications, as well as oven drying applications up to a temperature of +176°F.**



### Features

- Resistant to wet sanding
- Paints and fillers adhere well to the backing
- Can be used on painted metal, rubber, glass and chrome parts
- Temperature Range: 200°F

Description	Art #
3/4" - 12 Rolls	<b>199252</b>
1 1/2" - 6 Rolls	<b>199253</b>

## PREMIUM GRADE AUTO MASKING TAPE

Premium Grade Auto Masking Tape is a finely crêped paper masking tape. The product is thin and flexible and, therefore, suitable for all general masking applications, as well as oven drying applications up to a temperature of +212°F.



### Features

- Resistant to wet sanding
- Paints and fillers adhere well to the backing
- Can be used on painted metal, rubber, glass and chrome parts
- Temperature Range: 275°F

Description	Art #
3/4" - 12 Rolls	199262
1 1/2" - 6 Rolls	199263

## FINE LINE MASKING TAPE

### Features

- Superior outlining flexibility enables tight cornering and curving and gives a clean masking line
- Suitable for painted on pinstripes
- Will not bunch or lift on sharp corners and curves
- Strong adhesive system resists solvent penetration and lifting, but leaves no adhesive transfer
- Highly visible blue color enables user to apply easier
- Easy to cut

Description	Art #
1/8" x 36 yards	19926618
1/4" x 36 yards	19926614



## EDGE GUARD TAPE



### Sanding Protection Tape

#### Features

- Eliminates costly repaints due to over-sanding on adjacent parts
- Highly cost effective
- Much more durable than dust tape and masking tape
- Does not leave glue residue when removed
- Roll will pay for itself after one use
- When sanding a fender or door prior to painting, you should apply Edge Guard tape to keep from oversanding and scratching the adjacent panel
- 12mm industrial grade vinyl coated cloth tape

Description	Art #
2" x 60 yards	1992993

## SOFT-MASK FOAM MASKING TAPE



### Description

1 Box - 20 mm x 50 m

### Art #

**0818300050**

### Technical Data

Substrate Material	Polyester foam
Substrate Thickness	9 mm
Adhesive Basis	Rubber
Bonding Strength	6 N / 25 mm
Adhesive Strength	> 10 h / 73.4 °F
Thermal Stability	1 h 203 °F
UV Resistant	limited
Weather Resistance	limited
Color	white
Shelf Life	12 months (64.4 °F / 55% relative humidity)



### Features

#### For universal use

- One tape width for most applications
- Can be used on body and on moving parts (door, hood etc.)
- 95% of all openings on the vehicle can therefore be sealed off and protected against paint mist

#### Fast and easy to use

- Simple adjustment by closing door
- No repeated taping off – simple pressing on again prevents primer from shining through during subsequent painting over

#### Concealed adhesive strips

- No sticking of paint to adhesive
- No fibrous parts stick to paint edges

#### Extremely absorbent polyester foam

- High paint absorption capacity prevents formation of paint edges

#### Narrow tape width

- Precise use due to less material in opening

#### Continuous 50-meter tape

- Waste is minimized
- Inexpensive

### Areas of Application

Protects vehicle interior against paint mist during painting. Sealing off of doors, bonnets, luggage compartment lids, sun roofs, fuel filler doors.

### Instructions for Use

- Apply SOFT MASK easy to body or moving parts, like doors, hoods, lids etc.
- In the process, make sure that self-adhesive side of tape is always located inside. The sealing tape is fixed in place when the moving parts are closed.
- The seal is perfectly positioned by lightly brushing the protruding foam. This makes correction or rebonding unnecessary.





## LIFT TAPE

### Features

- Enables today's paint technicians to produce paint jobs at OEM levels
- Easily pushes under rubber and plastic window channel mouldings to allow paint overspray to reach under the moulding
- Makes taping of mouldings easier
- 3 sizes available, color coded to see the difference at quick glance



Color	Width		Length		Art #
	mm	inches	meters	feet	
Clear	9.5 mm	3/8"	10 m	33'	<b>089430</b>
Blue	7 mm	9/32"	15 m	49.5'	<b>089431</b>
Orange	5.5 mm	7/32"	20 m	66'	<b>089432</b>



## PORTABLE AUTO MASK

**Portable Auto Mask is a pre-taped, pre-foiled, hand-held paint masking system that enables one person to mask for unlimited lengths, quickly and accurately, on all vehicles, reducing masking time and material waste.**

### Features

- Lint free - Eliminates risk of masking paper fiber contamination
- Anti-static
- Ultimate solvent bleed-thru resistance - even paint stripper can't penetrate it
- Resists heat up to 230 °F
- Completely waterproof - wet sand, wet sand, wet sand
- Recycleable
- High quality automotive grade masking tape - superior flexibility, resists splitting, easy to remove, no adhesive transfer
- Compactability - wads up into small, space-saving throw-away balls - conserves disposal space up to 70%



Size	Art #	Refill Art #
21" Fold-out Film	<b>0818021</b>	08180211
43" Fold-out Film	<b>0818043</b>	08180431
72" Fold-out Film	<b>0818072</b>	08180721

## WÜRTH MASK

### Features

- High quality tape
- Tape strips clean with no residue or paint flake after oven baking and extended application time
- Use on metal, rubber or plastic
- Replaces 2" tape & works 30% faster
- Paper & tape made in the USA
- 10 rolls per case

Type	Art #
25 lb White Polycoated Paper 65' x 6"	<b>0818065</b>
40 lb Blue Polycoated Paper 50' x 6"	<b>0818066</b>



## NEOPRENE SPONGE WEATHERSTRIPS

A light-weight closed cell sponge material, Neoprene Sponge Weatherstrips are an easy-to-apply type of weatherstrip for auto and household use. May also be used on boats, refrigerators or any place a weatherproof, permanent seal is required. Simple to use, just peel back the liner tape and press into place. No cement or tacking required. Surface must be clean and dry.

Width	Thickness	Roll Size	Art #
3/8"	5/32"	50'	<b>187530</b>
1/2"	5/32"	50'	<b>187531</b>
5/8"	5/32"	10'	<b>187532</b>
3/4"	5/32"	50'	<b>187533</b>
1/2"	5/16"	50'	<b>187536</b>
3/4"	5/16"	50'	<b>187538</b>
1"	5/16"	50'	<b>187539</b>

### Features

- Lightweight closed cell sponge material that is great for autos and boats or any where a weather proof, permanent seal is required
- Simple to use, just peel back the line tape and press into place
- No cement or tacking required
- Surface must be clean and dry



**ZINC PLATED BODY SHIMS**

Thickness	Width	Height	Slot	Art #
1/16"	1 1/4"	1 1/8"	3/8"	<b>14203155</b>
1/8"	1 1/4"	1 1/8"	3/8"	<b>14203156</b>
1/16"	1 3/4"	1 1/4"	1/2"	<b>14202452</b>
1/8"	1 3/4"	1 1/4"	1/2"	<b>14202453</b>
1/8"	1 3/4"	1 1/4"	1/2"	<b>14208445 *</b>
1/8"	2"	1 1/2"	5/8"	<b>14202999</b>
1/8"	2"	1 1/2"	3/4"	<b>14203000</b>
1/16"	15/16" O.D.	n/a	3/8"	<b>150120448</b>
1/8"	15/16" O.D.	n/a	3/8"	<b>150120449</b>

\* 10 Gauge Steel



3/8" Slot

1/2" Slot



5/8" Slot



3/4" Slot (below)



## ORSY® 10 EMERY CLOTH REEL SYSTEM



### Dispenser Includes:

- Dispenser assembly
- Wall mounting hardware

**Note: Order cloth separately**

Description	Art #
5 Reel Holder	<b>095610902</b>
8 Large Stars (holds 4 rolls)	<b>095610903</b>
Large Cloth	<b>09561090</b>

## WURTH CROCUS CLOTH

### Features

- Wurth crocus cloth is used for fine polishing on metal surfaces (i.e. camshafts, rotors, points, etc.) and other fine, smooth surfaces requiring light abrasion (i.e. body sanding prior to priming or painting).
- Dimensions: 1-1/2" wide on a 60' roll.

Description	Art #
WURTH Crocus Cloth	<b>16749601</b>



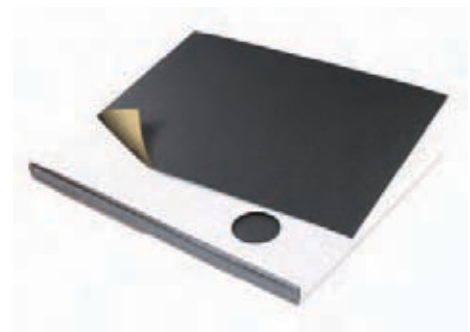
## WET/DRY SILICONE CARBIDE WATERPROOF PAPER

### Features

- 11" x 9" sheets
- Silicone carbide abrasive cuts fast and leaves smooth finish
- Waterproof resin coated paper does not need soaking
- Flexible backing - conforms to curves and edges
- Packs of 50 sheets

Grit	Art #
220	<b>15849220</b>
240	<b>15849240</b>
320	<b>15849320</b>
400	<b>15849400</b>

Grit	Art #
600	<b>15849600</b>
1,000	<b>158491000</b>
1,200	<b>158491200</b>
1,500	<b>158491500</b>



## SAHARA DRY ABRASIVE PAPER



### The new dry abrasive paper "Sahara" is outstanding because of...

- High wear resistance, therefore long service life
- Durable aluminum oxide grain delivers a fast, exceptionally long lasting cut
- High strength resin bonding provides superior grain support
- C & D weight backing is 50% stronger than other premium brands using A weight backing
- Excellent grain distribution provides consistent quality performance
- Cool sanding prevents disc clogging

Sahara Velcro			
Size	Grit	Qty	Art #
6"	40	50	<b>05772240</b>
6"	80	100	<b>05772280</b>
6"	100	100	<b>057722100</b>
6"	120	100	<b>057722120</b>
6"	150	100	<b>057722150</b>
6"	180	100	<b>057722180</b>
6"	220	100	<b>057722220</b>
6"	240	100	<b>057722240</b>
6"	320	100	<b>057722320</b>
6"	400	100	<b>057722400</b>

Sahara Velcro 6 Hole Vacuum			
Size	Grit	Qty	Art #
6"	40	50	<b>05771140</b>
6"	80	100	<b>05771180</b>
6"	180	100	<b>057711180</b>
6"	320	100	<b>057711320</b>

Sahara PSA File Board			
Size	Grit	Qty	Art #
2.75" x 17.75"	40	50	<b>05763440</b>
	60	50	<b>05763460</b>
	80	50	<b>05763480</b>
	100	100	<b>057634100</b>
	120	100	<b>057634120</b>

Sahara PSA 6 Hole Vacuum			
Size	Grit	Qty	Art #
6"	60	50	<b>05763160</b>
6"	80	100	<b>05763180</b>
6"	120	100	<b>057631120</b>
6"	180	100	<b>057631180</b>
6"	240	100	<b>057631240</b>
6"	320	100	<b>057631320</b>

Sahara PSA			
Size	Grit	Qty	Art #
5"	80	100	<b>0576580</b>
5"	120	100	<b>05765120</b>
5"	180	100	<b>05765180</b>
5"	320	100	<b>05765320</b>
5"	400	100	<b>05765400</b>
6"	40	50	<b>05763240</b>
6"	60	50	<b>05763260</b>
6"	80	100	<b>0576680</b>
6"	100	100	<b>05766100</b>
6"	120	100	<b>05766120</b>
6"	150	100	<b>05766150</b>
6"	180	100	<b>05766180</b>
6"	220	100	<b>05766220</b>
6"	240	100	<b>05766240</b>
6"	280	100	<b>05766280</b>
6"	320	100	<b>05766320</b>
6"	400	100	<b>05766400</b>
8"	40	50	<b>0576840</b>
8"	60	50	<b>0576860</b>
8"	80	100	<b>0576880</b>
8"	120	100	<b>05768120</b>

Sheet Rolls			
Size	Grit	Yds	Art #
2.75"	80	40	<b>0574070080</b>
2.75"	120	40	<b>0574070120</b>
2.75"	150	40	<b>0574070150</b>
2.75"	180	40	<b>0574070180</b>
2.75"	240	40	<b>0574070240</b>
2.75"	320	40	<b>0574070320</b>
2.75"	400	40	<b>0574070400</b>

### Basic Bond:

- Fine grit P180-400 uses a glue-resin bond for high flexibility
- Coarse grit P40-150 uses a synthetic resin bond for higher heat resistance

### Top Bond:

- Grits P80-400 have a heat resistance stearate coat to repel dust

### US/European Grit Comparison Chart

US Grit	European "P" Grit
600	P 1200
500	P 1000
400	P 800
360	P 600
320	P 500
	P 400
	P 360
280	P 320
240	P 280
	P 240
220	P 220
180	P 180
150	P 150
120	P 120
100	P 100
80	P 80
	P 60
60	P 50
50	P 40
40	P 36
36	

### Applications: P40 - P120 Grit

- Removing base coats on new parts
- Sanding off old paint coats
- Smoothing of stone damage and rusty spots
- Smoothing of repaired body work
- Rough grinding of polyester and fine filler
- Sanding of filler

### P100 - P400 Grit

- Roughing of old paint coats for transition to new paint coats
- Dulling of top paint coats
- Sanding of uni-lacquers, thermoplastic acrylic paint, lacquers, weather-soluble paint, thick-layers, priming, synthetic resin and nitro fillers, spraying fillers, two pack and MS filling primers and reaction primers

## WURTH FINE & EXTRA FINE DRY ABRASIVE PAPER

Designed for light sanding and polishing. 800 & 1200 grit can be used for wet or dry applications. Excellent for removing fine scratch marks and ensuring a very smooth and even finish. These new grits are boxed - not rolled, eliminating bending which causes waste.

### Features

- Aluminum Oxide
- Waterproof silicone carbide

Nevada Paper			
Size	Grit	Qty	Art #
6"	800	1-5-10	<b>15716800</b>
6"	1,200	1-5-10	<b>157161200</b>



## ZEBRA EMERY CLOTHS



### Features

- For all grinding and polishing work
- The grains are distributed according to the international FEPA standards
- The high grade corundum (exceptionally pure aluminum oxide) is blended with tough bauxide emery
- The high quality special skin glue guarantees maximum grain adhesion.
- The backing strip is made from tear resistant fiber cotton
- Packaged in bulk for cost effectiveness
- Installs in seconds on ORSY® 10 rack systems

Grit	Roll Length	Roll	Art #
80	25 m	30mm	<b>067483080</b>
120	28 m		<b>0674830120</b>
180	28 m		<b>0674830180</b>
80	25 m	40mm	<b>067484080</b>
120	28 m		<b>0674840120</b>
180	28 m		<b>0674840180</b>
80	25 m	50mm	<b>067485080</b>
120	28 m		<b>0674850120</b>
180	28 m		<b>0674850180</b>
240	28 m		<b>0674850240</b>
320	28 m		<b>0674850320</b>
400	28 m		<b>0674850400</b>

## SPOT SANDING PEN

Clean rust, wax or dirt from any tight corner, crevice or hard to reach spot. It's like a pencil point sandblaster!

### Features

- Paint repairs are better looking and permanent
- Gets in where other tools can't reach
- The glass fibers are finer than human hair yet stronger than steel when it comes to cleaning power
- The cartridge can be extended out (by turning) as needed, then easily retracted when not in use
- Amply sized body makes it easy to hold, for a comfortable grip
- Comes with one refill in handle



### Applications

- Remove rust from dings
- De-rust chrome and precision tools
- Clean electrical contacts and cable ends
- Clean recessed patterns
- De-gloss parts before gluing

Description	Art #
Spot Sanding Pen	<b>158501</b>

## MICROBRUSH™

### Features

- Comprised of small non-linting, nonabsorbent fibers
- Solutions applied are held in suspension between fibers creating a non-dripping sphere which contains the material until it is applied
- Exact placement of solutions as small as 1/8 of a drop can be accurately applied
- Bends easily into any angle for the placement of material in areas of limited access.
- Disposable - savings up to 60% are possible by the reduction of excess materials required by ordinary bristle brushes



Description	Art #
Microbrush™ - 25 per box	1693300

## ALUMINUM OXIDE RESIN FIBER SANDING DISCS FOR METAL (RED)



Diameter & Arbor	Grit	Pkg Qty	Art #
4" x 5/8"	60x	50	0580210560
4 1/2" x 7/8"	24x	50	0580211524
	36x	50	0580211536
	60x	50	0580211560
5" x 7/8"	24x	50	0580212524
	36x	50	0580212536
	60x	50	0580212560
7" x 7/8"	24x	50	0580218024
	36x	50	0580218036
	60x	50	0580218060

### Features

- High quality HD construction
- Fiber glass reinforced
- Aluminum oxide grade

### Application

Great for outer surface cutting and grinding

### Performance

Access small tight areas. Grinds down burrs and rough edges

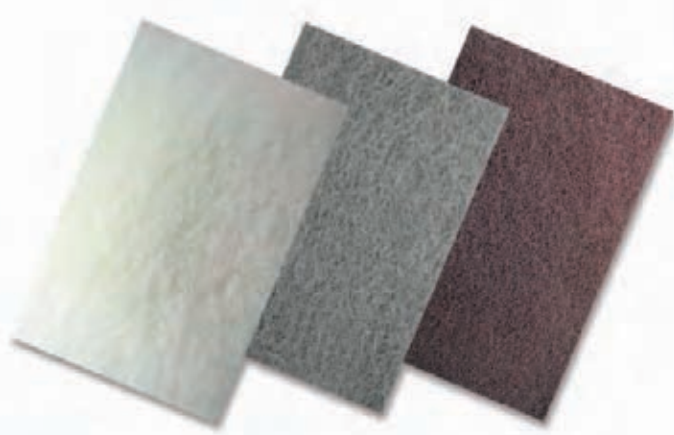
Revision 03/2011

### Material

Cuts through all types of metal

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## SCUFF PADS



Designed for hand applications such as deburring, polishing, cleaning, finishing and surface preparation on metal composite or plastic surfaces. They can replace steel wool, files, scrapers, wire brushes and sandpaper sheets.

### Features

- Wurth scuff pads are ideally used for autobody preparation before applying primer-surfacer and paint
- Applications include: Used car reconditioning, cleaning upholstery, door pads, chrome and white wall tires
- Made of a nylon fiber, binder and abrasive material
- Unlike steel wool, these pads are washable and are rust proof
- 20 pads per box

Product Applications	Medium	Fine	Extra Fine
Deburr	•	•	•
Clean	•	•	•
Polish	•	•	•
Finish	•	•	•
Surface Preparation	•	•	•

Product Features	Medium	Fine	Extra Fine
Non-rusting; will not contaminate work piece	•	•	•
Waterproof; may be used with solvents	•	•	•
Flexible; conforms to work piece	•	•	•
Uniform distribution of grain, consistent finish	•	•	•
Pre-cut 6"x9" size eliminates need to cut rolls	•	•	•
Non-rusting	•	•	•

Description	Art #
Medium - Red	<b>158544003</b>
Fine - Grey	<b>158544005</b>
Extra Fine - White	<b>158544007</b>

## BRISTLE SURFACE CONDITIONING DISC



### Features

- Super tough plastic bristle brush
- Exposes fresh abrasive as it wears
- Long lasting, up to 10 times longer than previous disc
- Bristles ride over surface, cleaning contaminants without gouging the surface
- Quick working, high operating speed allows for use on both die grinders and pistol grip grinders
- Uses the Disc Pad Holders Art. # 15864200 & 15864300
- Coarse recommended for steel
- Medium recommended for aluminum
- Fine recommended for soft metals



Diameter	Grade	Color	Max Speed	Art #
2"	Coarse	Green	25,000	<b>15855210</b>
2"	Medium	Yellow	25,000	<b>15855220</b>
2"	Fine	White	25,000	<b>15855230</b>
3"	Coarse	Green	18,000	<b>15855310</b>
3"	Medium	Yellow	18,000	<b>15855320</b>
3"	Fine	White	18,000	<b>15855330</b>



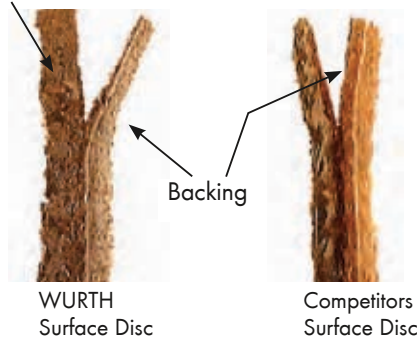
## WURTH SURFACE CONDITIONING DISC

**WURTH Surface Conditioning Discs provide a more compact structure of non-woven fibers than Buff & Blend products. WURTH Surface Conditioning Discs have a woven fabric (scrim) embedded in the nylon structure to provide additional strength and durability for edge work, deburring and efficient blending of all metal types.**

**Features**

- Aluminum Oxide
- Polishes grind lines, milling marks and micro burns
- Quickly removes paint, gasket material and baked on gasket adhesive
- Minimizes over cutting and gouging
- Cleans and deburrs hard to reach areas
- Twist Lock, 1/2 turn changes the disc
- Fine recommended for aluminum surfaces
- Coarse/medium recommended for steel surfaces

WURTH Surface Disc has a thicker, longer lasting abrasive surface



Dia.	Grade	Color	Max Speed	Art #
2"	Coarse	Brown	20,000	<b>15864210</b>
2"	Medium	Maroon	20,000	<b>15864220</b>
2"	Fine	Blue	20,000	<b>15864230</b>
3"	Coarse	Brown	12,000	<b>15864310</b>
3"	Medium	Maroon	12,000	<b>15864320</b>
3"	Fine	Blue	12,000	<b>15864330</b>

## SURFACE CONDITIONING DISC

**Features**

- More flexible than a fibre sanding disc; less likely to gouge the sheet metal
- After paint removal, finish left is much smoother, therefore quick to prep for primer
- Open construction of disc material allows dust to work through the disc and away from cutting surface
- Disc is much quieter during use than a fibre disc
- Will remove sharp edges and spot welds
- Much easier to control
- Fits any standard 7/8" drill or air tool



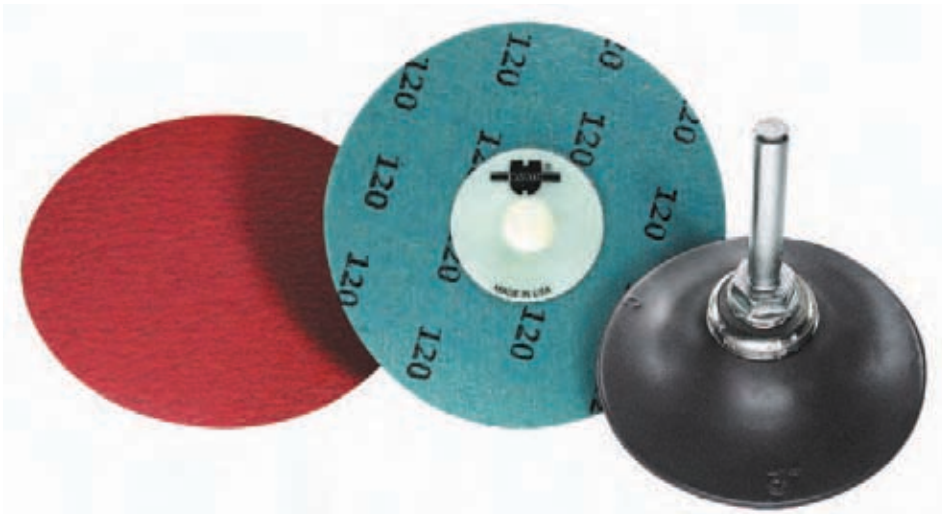
Diameter	Grit	Color	Max Speed	Art #
5"	Coarse	Brown	20,000	<b>15854510</b>
5"	Medium	Maroon	20,000	<b>15854520</b>
5"	Fine	Blue	20,000	<b>15854530</b>

Revision 03/2011

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P.R. = Panel Range

## ROLOC BRAKE ROTOR SURFACING DISC

- Specially designed to produce a non-directional scratch pattern as a final step after turning brake rotors.
- Surfacing brake rotors is recommended for improving stopping power and eliminating brake squeal once brake rotors have been turned.
- Developed to have just the right coarseness for conditioning brake rotors.

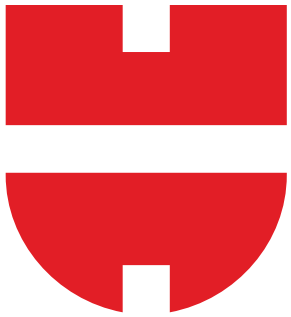


### Features

- 3" Disc pad with 1/4" shank that attaches to any standard 1/4" drill or air tool.
- Grade 120 disc, best suited for fast cut and long life.
- Roloc attachment system makes for fast and easy attachment and removal of sanding disc.

Desc	Art #
Roloc Brake Rotor Surfacing Disc	<b>15866399</b>
Mandrel for 3" disc	<b>15864300</b>





**WÜRTH**

## CROSS BUFFS



**Cross Buffs are ideal for polishing and cleaning inside diameters and hard-to-reach areas on metal surfaces. Its unique design conforms to IDs.**

**Perfect for automotive and other applications including:**

**Cleaning:** Removing surface oxidation, rust and surface coatings for part inspection; surface preparation prior to coating; removing corrosion on Steel Rule and Kirksite dies.

**Polishing:** Polishing round and square tubing, valve spools, molds, dies, and inside diameters of lifter bores, valve bodies and brake cylinders.

Clean and polish venturis of carburetors and exhaust ports of cylinder heads.

### Features

- Made exclusively to help mechanics hone and polish the inside of lifter bores, valve bodies, brake cylinders and more
- Durable construction withstands heavy edge work while blending and polishing - long life
- Extended duration and rate of cut
- Cool running
- Satin finishes on soft metals
- Eliminates changing critical tolerances
- Quick change

Size	Grit	Art #
1"	Medium	<b>16727122</b>
1"	Fine	<b>16727124</b>
1 1/2"	Medium	<b>16727154</b>
1 1/2"	Fine	<b>16727156</b>

## CROSS BUFF MANDREL



Description	Art #
Cross Buff Mandrel	<b>16727201</b>

## FLAP WHEELS

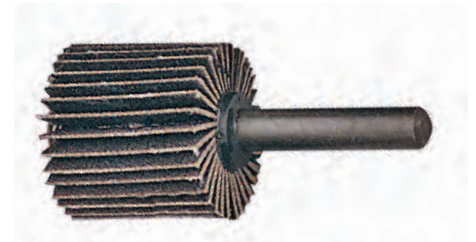
**Best for applications requiring high stock removal and aggressive blending, finishing and cleaning. Leaves a straight line finish and provides maximum stability and smaller contact areas on work surface.**

### Features

- These are very useful for blending, polishing and deburring
- Blend, finish and clean inside and outside diameters of ferrous and non-ferrous materials
- Remove flash and parting lines
- Permanently affixed 1/4" or 1/4-20 threaded steel shank on small wheels makes changing wheels faster; mandrel runs through wheel reducing chatter and operator fatigue
- Flap wheels are composed of abrasive strips, bonded to a 1/4" mandrel
- Larger wheels contain more flaps per wheel for faster cutting, increased productivity and longer life

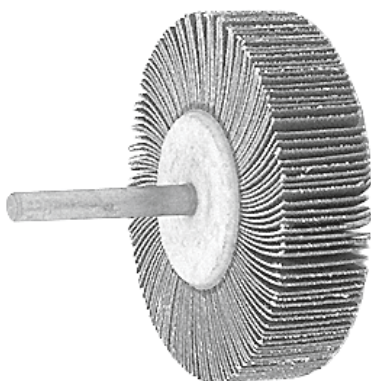
### Applications

60 and 80 grit are used for smoothing rough casting surfaces. 120 grit can be used for polishing exhaust ports and combustion chambers.



Size	Grit	Art #
1"	60	<b>16727405</b>
1"	80	<b>16727406</b>
1"	120	<b>16727408</b>

## 1/4" SHANK MOUNTED ALUMINUM OXIDE FLAP WHEEL



### Features

- Aluminum oxide grain
- Flap design means long wear
- Other sizes and grits available

Diameter x Width	Grit	Art #
1 1/2" x 1"	60	<b>1672600121</b>

## CARTRIDGE ROLLS



**Aluminum Oxide Cartridge Rolls are ideal for fast cutting on irregular contours and other hard-to-reach areas on all ferrous materials.**

### Features

- Also known as sanding rolls, tootsie rolls and hard rolls
- Rolled strips of abrasives, designed for metal removal on curved surfaces
- Constructed of Aluminum Oxide Resin Bond for added durability
- Multi-layer, multi-wear design exposes new abrasive cutting points throughout the life of the roll
- Long lasting
- Flash removal
- Polishing
- Removing machine tool marks
- Edge breaking

### Applications

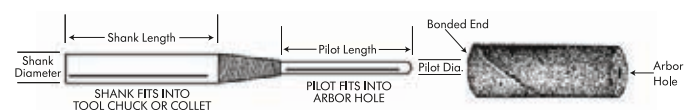
- Ideal for engine porting, including intake manifold, heads and exhaust manifolds
- Removes burrs from carburetor base and carburetor parts



Cartridge Rolls				
Diameter	Length	Arbor Hole	Grit	Art #
1/4"	1 1/2"	1/8"	40	<b>16727020</b>
1/4"	1 1/2"	1/8"	60	<b>16727021</b>
1/4"	1 1/2"	1/8"	80	<b>16727022</b>
1/4"	1 1/2"	1/8"	120	<b>16727023</b>
3/8"	1 1/2"	1/8"	60	<b>16727031</b>
3/8"	1 1/2"	1/8"	80	<b>16727032</b>
3/8"	1 1/2"	1/8"	120	<b>16727033</b>
1/2"	1 1/2"	1/8"	40	<b>16727040</b>
1/2"	1 1/2"	1/8"	60	<b>16727041</b>
1/2"	1 1/2"	1/8"	80	<b>16727042</b>
1/2"	1 1/2"	1/8"	120	<b>16727043</b>

Mandrels					
Pilot Dia.	Pilot Length	Shank Dia.	Shank Length	Overall Length	Art #
1/8"	1"	1/4"	1 1/4"	2 3/4"	<b>16727100</b>
1/8"	1"	1/4"	3"	4"	<b>16727200</b>
1/8"	1"	1/4"	5"	6"	<b>16727300</b>

**Insert mandrel into bonded end of Cartridge Roll as shown.**



Cartridge rolls of 1" length	Requires 3/4" pilot length
Cartridge rolls of 1 1/2" length	Requires 1" pilot length
Cartridge rolls of 2" length	Requires 1 1/2" pilot length
Cartridge rolls of 2 1/2" length	Requires 2" pilot length

## CUTOFF AND ROUGHING WHEELS

### General Working And Safety Precautions

- Clearly laid-out and correct storage of wheels >> dry, at 68 °F (room temperature)
- Only work with corresponding protective clothing like goggles, gloves, work shoes with steel toes, hearing protection and a dust mask
- Only secure cutoff and roughing wheels with original clamping flanges provided for this purpose
- Only carry out cutting and roughing work with a corresponding protective hood
- The use of damaged wheels increases the risk of an accident - only process undamaged wheels
- The permissible circumferential speed may not be exceeded
- Do not mount worn wheels on smaller machines

Description	Info
<b>Steel</b>	General construction steel High-strength construction steel Structural steel Tool steel Hardened steel
<b>Non-Ferrous Metals / Aluminum</b>	Aluminum Aluminum alloys Copper Brass Bronze Other lubricating non-ferrous metals
<b>Stainless Steel</b>	Stainless steel sheets Non-alloyed stainless steel Alloyed and high-alloy steel Rust and acid-proof steels Chrome-nickel steel
<b>Stone</b>	Natural stone Artificial stone Chalky sandstone Concrete / reinforced concrete

### Special Working and Safety Precautions

- Cutoff wheels are not permissible for rough grinding
- Do not jam wheels in cut - increased risk of breakage
- A slight pendulum movement in the cut causes the wheel to be cut free
- Ensure proper contact pressure - the machine's own weight is generally sufficient
- Ensure proper clamping of work piece
- Always clamp cutoff wheels (straight version) with metal ring towards machine

### Attention!

With cutoff wheels with a thickness of 1.0mm, it must be checked whether the flange mounting of the angle grinder is suitable for the 1.0mm wheel. Otherwise, firm seating of the wheel must be ensured with the cardboard rings provided for this purpose.

### Roughing

- For free-handed grinding
- Ensure the proper contact angle of the roughing wheel - a contact angle which is too flat will cause the wheel to break out around the edge

## ZEBRA GRINDING WHEELS

- Synthetic resin-bound, fibre reinforced, high-performance rough turning discs
- For freehand rough turning with electric or compressed air angle grinders
- Very low incidence of breakage
- Minimal measurement and imbalance tolerance
- Discs meet the very high safety requirements of the European standard **EN 12413** and the **OSA** (Organization for the Safety of Abrasives)



## LOGLIFE GRINDING WHEELS

- An all-around harder disc
- Very long service life combined with good metal-removing properties



## LOGLIFE GRINDING WHEELS - BLUE FOR STEEL

### Areas of Application

Rough turning of edges, deburring, dressing of weld seams, etc.

Dia. x Thickness	Hole	Design	Max RPM	Art #
4 1/2" x 1/4"	7/8"		13,300	<b>0670161157</b>
5" x 1/4"	7/8"		12,200	<b>0670161257</b>



## LOGLIFE GRINDING WHEELS - GREEN FOR STAINLESS STEEL & STEEL

### Areas of Application

Rough turning of edges, deburring, dressing of weld seams, etc.

Dia. x Thickness	Hole	Design	Max RPM	Art #
4 1/2" x 1/4"	7/8"		13,300	<b>0670181157</b>
5" x 1/4"	7/8"		12,200	<b>0670181257</b>



- ✓ Free from iron, chlorine and sulphur ( $\leq 0.1\%$ ).
- ✓ Meets KWU class II (e.g. for pipe system and reactor engineering).

## SPEED GRINDING WHEELS - BLUE STEEL

- Particularly long service life with good metal-removing properties
- Very easy, very soft rough turning action

### Areas of Application

Rough turning of edges, deburring, dressing of weld seams, etc.

Dia. x Thickness	Hole	Design	Max RPM	Art #
4 1/2" x 5/32"	7/8"		13,300	<b>0664161154</b>
4 1/2" x 1/4"	7/8"			<b>0664161157</b>
5" x 5/32"	7/8"		12,200	<b>0664161254</b>
5" x 1/4"	7/8"		<b>0664161257</b>	



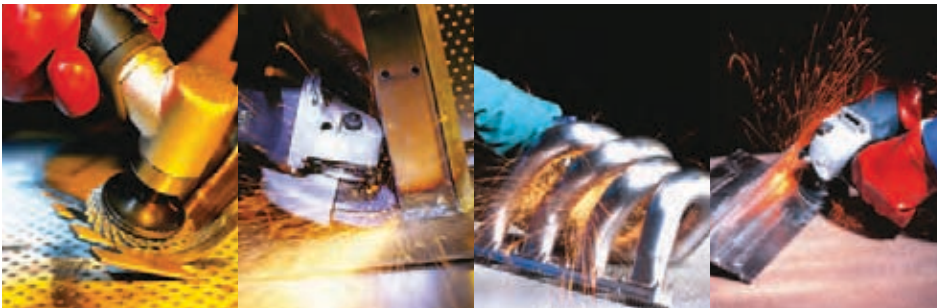


## ZEBRA FLEXI-DISC

**Ideal disc for blending and finishing on ferrous metals where accessibility is a problem and the area is curved or profiled.**



# ZEBRA



### Features

- Outlasts conventional fibre discs
- No clogging or smearing
- Cool grinding
- Versatile with a wide range of applications
- Higher resistance to tearing when grinding corners and edges
- Higher volume of material is removed
- Self sharpening zirconia continuously produce new sharp points
- Improved access to awkward areas
- Minimizing the area to awkward areas
- Minimizing the area to repair/work to reduce time spent on further finishing operations
- Flexibility for blending and finishing on curved surfaces, profiles and contours
- Quickchange locking system for convenient, quick changeover of discs

### Uses

- Rust removal & Stock removal
- Preparation for welding
- Blending & Finishing
- Concave and convex surfaces
- Suitable for stainless steel, nickel alloys, tool steel, non-ferrous metals, hard plastics and wood

Diameter	Arbor	Max RPM	Grit	Art #
2"		30,000	36	<b>1578705036</b>
2"		30,000	40	<b>1578705040</b>
2"		30,000	60	<b>1578705060</b>
2"		30,000	80	<b>1578705080</b>
3"		30,000	36	<b>1578707636</b>
3"		20,000	40	<b>1578707640</b>
3"		20,000	60	<b>1578707660</b>
3"		20,000	80	<b>1578707680</b>
4 1/2"	7/8"	13,300	36	<b>1578711536</b>
4 1/2"	7/8"	13,300	40	<b>1578711540</b>
4 1/2"	7/8"	13,300	60	<b>1578711560</b>
4 1/2"	7/8"	13,300	80	<b>1578711580</b>



Adapter for 2" and 3"	
Description	Art #
2" Holder	<b>15864200</b>
3" Holder	<b>15864300</b>



Use in restricted areas.

Clean flange face before spot welds.

Use in tight corners.

Blend seam welds.

## ZEBRA FLAP DISCS



# ZEBRA

### Zirconia

- Perform material removal and finishing in the same operation
- Long life
- Thick cloth backing
- Type 29 disc allows the grinder to be used at more natural working angles
- Self sharpening zirconia continuously produce new sharp points

Type 29 Disc



Diameter	Arbor	Max RPM	Grit	Art #
2"		30,000	36	<b>1578605036</b>
2"		30,000	40	<b>1578605040</b>
2"		30,000	60	<b>1578605060</b>
2"		30,000	80	<b>1578605080</b>
3"		30,000	36	<b>1578607636</b>
3"		20,000	40	<b>1578607640</b>
3"		20,000	60	<b>1578607660</b>
3"		20,000	80	<b>1578607680</b>
4"	5/8"	15,300	40	<b>1578310040</b>
4"	5/8"	15,300	60	<b>1578310060</b>
4"	5/8"	15,300	80	<b>1578310080</b>
4 1/2"	7/8"	13,300	36	<b>1578311536</b>
4 1/2"	7/8"	13,300	40	<b>1578311540</b>
4 1/2"	7/8"	13,300	60	<b>1578311560</b>
4 1/2"	7/8"	13,300	80	<b>1578311580</b>
4 1/2"	7/8"	13,300	120	<b>1578311512</b>

### Zebra Mini Discs 2" and 3" - Zircon Corundum

Mini lamella fan-shaped grinding disc with quick-action chuck for use with compressed air grinders (angled), flexible shafts.

### Application

- Alternative to quick-action system fiber discs, small roughing discs, point grinders, fan-shaped grinders, grinding sleeves, grinding caps, etc.
- Weld seam finishing, surface grinding, removal of paint, tool sharpening, plastering and smoothing, deburring, edge machining and finishing, particularly in tight spaces

### Suitable Materials

Specially made for stainless steel, chromium and nickel alloys, alloyed and unalloyed steels, construction steel, tool steel, non-ferrous metals, castings, hard plastics and wood.

### Type

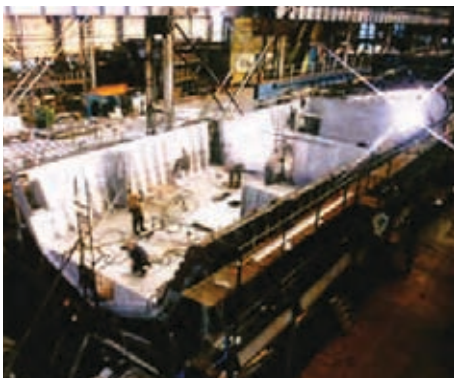
- Sturdy plastic disc with quick-action chuck
- Robust and flexible cotton fabric with high tearing strength



**ZEBRA FLAP DISCS (CONTINUED)**
**Areas of Use**

**Metalwork**

**Maintenance**

**Collision Repair**

**Fabrication**

**Industry**
**ZEBRA**
**Use Zebra Flap Discs for**

- Rapid stock removal
- Finish work
- Weld removal
- Surface grinding
- Tool sharpening
- Deburring & edge finishing
- Rust removal



## SLOTTED SEE-THROUGH GRINDING DISC

Good view "through the disc" and thus on the material being processed.  
 Fantastically cool and even grinding results. Ideal for the processing of thin sheet metal for the construction of vehicle bodies, for full material and weld seams.



Curved



### Features

#### Zirconium-corundum cloth plate

- Free view of the work piece being processed  
 Prevents undesired excessive grinding  
 Reduction of processing faults
- Better surface quality through more targeted work
- Cool grinding due to fan effect  
 Reduction of temperature on the surface prevents undesired blue coloring of the work piece
- Good, steady guidance

### Notes

When only wood or plastics are ground, the disc must be cleaned by grinding on a sharp-edged iron tool

### Function



Grinding without Zebra slotted see-through disc



Grinding with Zebra slotted see-through disc:  
 Good view of the material being processed

### Applications

#### General steel construction

- Weld seam preparation and post-processing of weld seam
- Derusting
- Removal of scale (to a small extent)
- Grinding of wrought ironwork (grills, railings, banisters)
- Removal of excess zinc on weld seams before plastic coating

#### Stainless steel processing

- Pipeline construction, tank and container construction
- Apparatus construction (chemical industry)
- Plant construction, such as breweries, food industry
- Boat construction

#### Aluminum processing (all non-ferrous metals)

- Special vehicles, such as silo vehicles, ambulances, fire department vehicles, etc.
- Ship construction
- Airplane construction

#### Vehicle body construction

- Accident repairs: paints and filler compounds, MIG solder seams
- Special vehicle construction (lorry attachments, servicing, parts subject to wear for bulk material transporters)

#### Wood and FRP processing

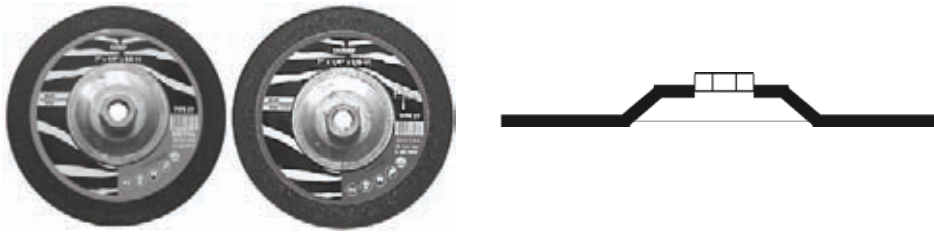
- Exact surfaces or edge corrections

#### Agricultural machines

- Sharpening of blades (lawn mowers, reciprocating finger bar mover)

Diameter	Borehole	Max RPM	Grain	Art #
4 1/2 mm	22.23 mm	13,300	40	<b>057881 1540</b>
4 1/2 mm		13,300	60	<b>057881 1560</b>
4 1/2 mm		13,300	80	<b>057881 1580</b>
5 mm		12,200	40	<b>057881 2540</b>
5 mm		12,200	60	<b>057881 2560</b>
5 mm		12,200	80	<b>057881 2580</b>

**WURTH ZEBRA TYPE 27 DEPRESSED CENTER GRINDING WHEELS (W/ HUB)**



**Features**

- For heavy material removal
- Dense grit & hardness for long life
- Other sizes and grits available

Premium WURTH Zebra +(Blue)		
Description	Arbor	Art #
7" x 1/4"	5/8" - 11	<b>1670017458</b>

**WURTH ZEBRA TYPE 27 DEPRESSED CENTER GRINDING WHEELS (NO HUB)**



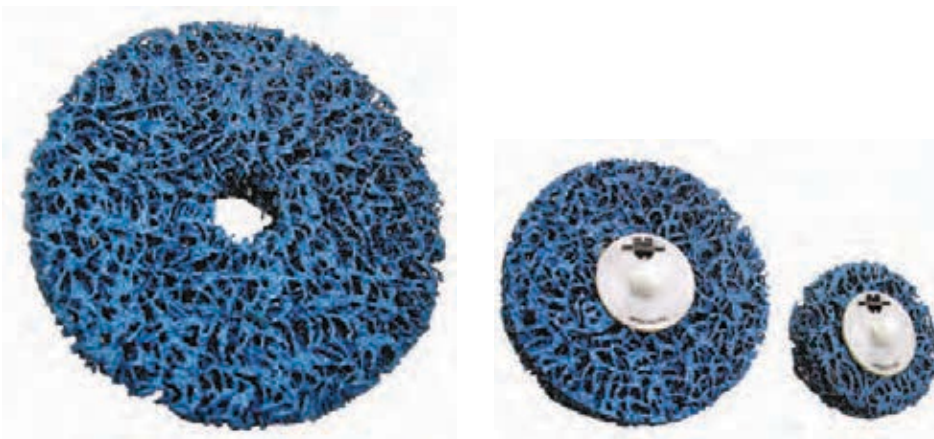
**Features**

- For heavy material removal
- Dense grit & hardness for long life
- Other sizes and grits available

Premium WURTH Zebra +(Blue)		
Description	Arbor	Art #
1/4"	5/8"	<b>1670004458</b>
4 1/2" x 1/4"	7/8"	<b>1670004478</b>

**BLUE 4" NYLON GRINDING DISC**

Blue 4" Nylon Grinding Discs are ideal for cleaning welds, removing corrosion, rust, scale, paints, varnishes and sealants from difficult to reach surfaces. Constructed of large nylon filament, they are an open, non-loading structure that performs rapid removal of surface contaminants, while producing fine finishes. Also used for blending.



**Features**

- Resilient nylon fiber fleece with embedded grit
- Highly effective for cleaning without removing too much of the base material
- May be used wet or dry

**Arbor**



Description	Max RPM	Art #
4" without hub	4,000	<b>15852140</b>
3" with hub	8,500	<b>15852130</b>
2" with hub	12,000	<b>15852120</b>
Arbor	N/A	<b>15852107</b>

## WURTH QUIKUT GRINDING DISC



Diameter	Max RPM	Grit	Art #
3"	28,000	24	<b>1585924</b>
3"	28,000	36	<b>1585936</b>
3"	28,000	60	<b>1585960</b>
3"	28,000	120	<b>15859120</b>
3"	28,000	medium*	<b>158594320*</b>
5"	28,000	24	<b>1585824</b>
5"	28,000	36	<b>1585836</b>
5"	28,000	60	<b>1585860</b>

\*Surface conditioning disc

### Grinding & Removal of:

- Welds
- Body filler
- Fiberglass
- Sheet metal burrs
- Paint
- Wood
- Plastic
- Rust

### Features

- Patented one-piece molded plastic grinding discs offer all the advantages of paper abrasives and cut-down grinding discs without any of the problems
- Can be trimmed down as the edge wears, producing a new sharp edge (just spin a disc on its side against a steel edge or concrete floor)
- Insulated against heat build up allowing cooler high speed grinding
- Resists paint loading
- Use with professional sanders or die grinders
- No-lock quick change safety mandrels and adapters eliminate backing pad and center nut hassles
- Abrasives are embedded in the plastic so they don't come loose
- **Rated up to 28,000 RPM**

## CUTTING WHEELS

**Great for outer surface cutting and grinding. Access small tight areas. Cuts through sheet metal, fiberglass, bolts, muffler clamps and hangers, also grinds down burrs and rough edges.**

### Features

- Cutting, grinding/snagging wheel
- Treated aluminum oxide grain, a medium coarse grit wheel

### Main Application

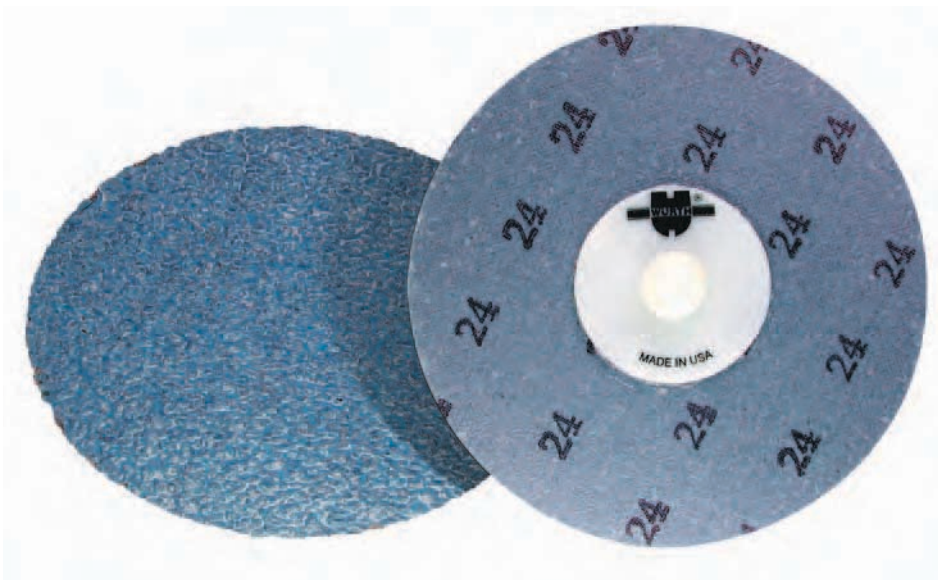
- Ferrous metals - 3/16", 1/4", 3/8" and 1/2" used for weld grinding, surface preparation (welds, steel, iron) - non-ferrous (copper)

### Secondary Application

- Stainless steel and high tensile alloys

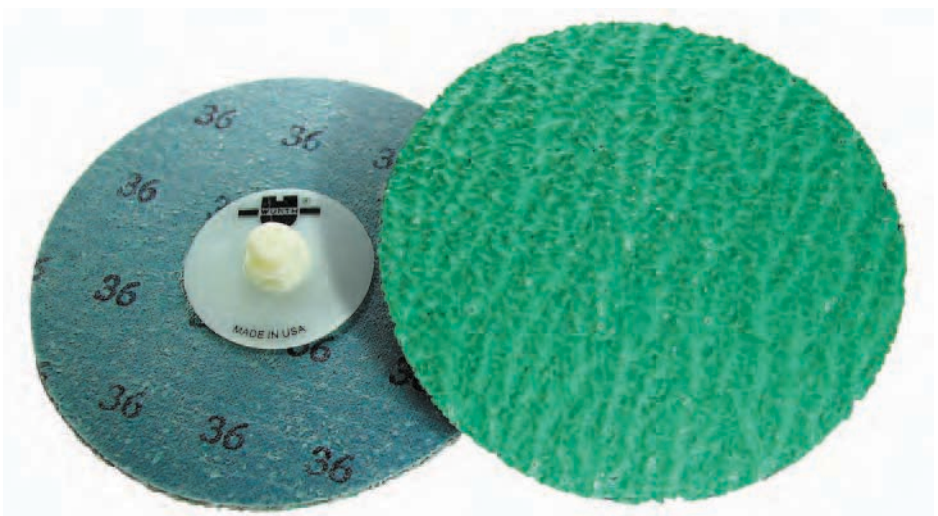
Description	Max RPM	Arbor	Hole	Art #
A46S	25,000	3" x 1/16"	3/8"	<b>1669013116</b>
A46S	25,000	3" x 1/8"	3/8"	<b>166901318</b>
A46S	19,000	4" x 1/16"	3/8"	<b>1669014116</b>
A46S	19,000	4" x 1/8"	3/8"	<b>166901418</b>



**LAMINATED DISC - BLUE**

**Features**

- Excellent for hastalloy, inconel, titanium and other exotic metals including composites and fiberglass
- Best performance when heavy pressure is applied

Description	Grit	Art #
3" Blue Laminated Disc	24	<b>05865324</b>
Mandrel	N/A	<b>15864300</b>

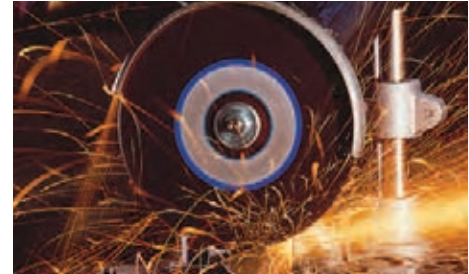
**LAMINATED DISC - GREEN**

**Features**

- Best disc for rapid stock removal on stainless steel
- Cool running for extended stock removal and surface blending

Description	Grit	Art #
2" Green Laminated Disc	36	<b>15865236</b>
Mandrel for 2" Green Laminated Disc	N/A	<b>15864200</b>
3" Green Laminated Disc	36	<b>15865336</b>
3" Green Laminated Disc	50	<b>05865350</b>
3" Green Laminated Disc	60	<b>15865360</b>
Mandrel for 3" Green Laminated Disc	N/A	<b>15864300</b>

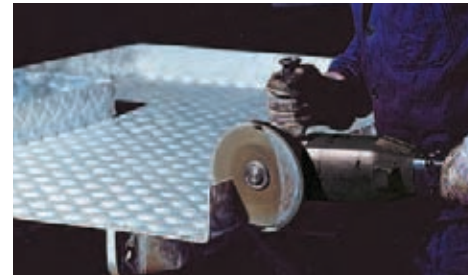
## ZEBRA CUT-OFF WHEELS

- Synthetic resin-bound, fibre reinforced, high-performance cut-off discs
- For freehand cut-off work with electric or compressed air angle grinders
- Very low incidence of breakage
- Minimal measurement and imbalance tolerances
- Discs meet the very high safety requirements of the European standard **EN 12413** and the **OSA** (Organization for the Safety of Abrasives)



## LOGLIFE CUT-OFF WHEELS

- Very long service lives
- Optimum cutting of solid materials and profiles



## LOGLIFE CUT-OFF WHEELS - BLUE FOR STEEL

### Areas of Application

Cut-off work on solid materials, thick-walled pipes, profiles, metal sheets, etc.

Dia. x Thickness	Hole	Design	Max RPM	Art #
4 1/2" x 1/8"	7/8"		13,300	<b>0670101152</b>
5" x 1/8"	7/8"		12,200	<b>0670101252</b>
7" x 1/4"	7/8"		8,500	<b>0670101802</b>



## LOGLIFE CUT-OFF WHEELS - YELLOW FOR NON-FERROUS METALS/ALUMINUM

### Areas of Application

Cut-off work on solid materials, thick-walled pipes, profiles, metal sheets, etc

Dia. x Thickness	Hole	Design	Max RPM	Art #
4 1/2" x 1/8"	7/8"		13,300	<b>0670121152</b>
5" x 1/8"	7/8"		12,200	<b>0670121252</b>





## SPEED CUT-OFF WHEELS

Cut-off work on pipes, ventilation ducts, metal sheets, pipe systems, bars, steel reinforcements, profiles and rails, cable trays and ducts, high-voltage cables, steel rope, composite materials, plastics, etc.

### Areas of Application

- Extremely high cutting capacity (very short cut-off times); very long service life
- Extremely thin for precise, virtually burr and chatter-free cutting (very clean and cool cutting surfaces)
- Work requires minimal effort and helps to protect the user and machine
- Minimal build-up of cutting waste and cut-off dust
- Low noise output and high break-resistance
- Specially designed for thin-walled pipes and profiles, thin metal sheets, car body sheets, etc.

Diameter x Thickness	Hole	Design	Max RPM	Art #
2" x 1/32"	1/4"		30,000	<b>0664130501</b>
3" x 1/32"	3/8"		20,100	<b>0664130761</b>
4 1/2" x 1/32"	7/8"		13,300	<b>0664131150</b>
4 1/2" x 1/16"	7/8"		13,300	<b>0664131151</b>
5" x 1/32"	7/8"		12,200	<b>0664131250</b>
5" x 1/16"	7/8"		12,200	<b>0664131251</b>



- ✓ Free from iron, chlorine and sulphur ( $\leq 0.1\%$ ).
- ✓ Meets KWU class II (e.g. for pipe system and reactor engineering).

## WÜRTH CUTTING DISC

WÜRTH Cutting Discs are designed to perform on a variety of metal applications. When dependability and flexibility are a must, these fast, clean straight cutting and long lasting wheels are the tops in the industry.



### Features

- For free hand cutting work
- Made of very high grade materials so that they are extraordinarily hard and tough
- High edge strength and extremely long service life ensure great efficiency in daily use
- Used for all steel, cast iron and nonferrous metals
- Premium cutting
- Treated aluminum oxide grain, a fine grit wheel

### Main Application

- Ferrous metals (welds, steel, iron)
- Ideal for thin wall work turning

### Secondary Application

- Stainless steel - for fast, burr-free cutting

Diameter	Thickness	Arbor	Art #
3"	1/32"	3/8"	<b>1669013132</b>
3"	1/16"	3/8"	<b>1669013116</b>
3"	1/8"	3/8"	<b>166901318</b>
3"	3/16"	3/8"	<b>1669013316</b>
4"	1/32"	3/8"	<b>1669014132</b>
4"	1/16"	3/8"	<b>1669014116</b>
4"	1/8"	3/8"	<b>166901418</b>



Description	Art #
3/8" x 1/4" Threaded Arbor	<b>16699992</b>

**IMPORT GENERAL PURPOSE ABRASIVE CUT-OFF WHEELS**
**Features**

- Low cost & long life
- Metal cutting operations
- Other sizes and grit available



Description	Arbor	Art #
14" x 1/8"	1"	<b>1669115142</b>

**QUIKUT ADAPTERS**

Description	Thread	Type	Art #
Fits most US electric grinders	5/8 - 11	A	<b>158595811</b>
Fits 90% of all small air tools	1/4 shaft	B	<b>15855859</b>
Fits larger air tools	3/8 - 24	C	<b>158593824</b>
Fits larger air tools	7/16 - 20	C	<b>1585971620</b>


**Type A**

**Type B**

**Type C**

**Features**

- 5/8"-11 Hub mount
- Fits **all** 7/8" wheels
- Other sizes and grit available

Description	Art #
Type 29 Reusable Adapter Kit for Heavy Material Removal	<b>16709999</b>

**ARBOR 3/8" X 1/4" FOR CUTTING WHEEL**


Description	Art #
3/8" x 1/4" Threaded Arbor	<b>16699992</b>

**ARBOR**


- For 3" and 4" Nylon Grinding Discs

Description	Art #
Arbor	<b>15852107</b>

**SANDING DISCS PHENOLIC BACKING PADS**

**Features**

- Heavy duty construction
- Quality manufactured for long life

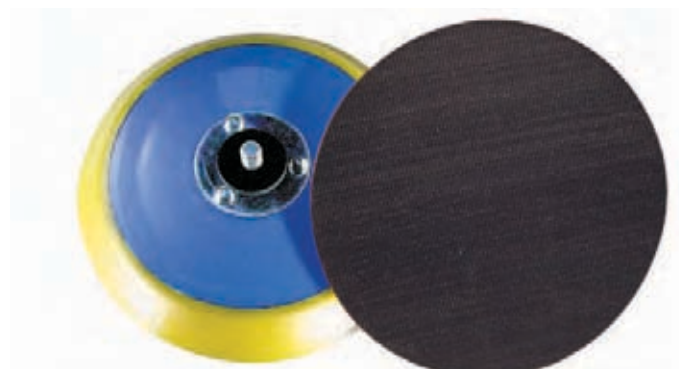
Diameter	Arbor	Art #
4 1/2"	5/8"	<b>0586580115</b>
5"	7/8"	<b>0586580125</b>
7"	7/8"	<b>0586580180</b>

**ADAPTER FOR 2" AND 3" FLEXI-DISC**

**Features**

- Hard rubber back-up pad
- Pad assemblies come complete with a 2" steel shaft and adapter

Adapter for 2" and 3"	
Description	Art #
2" Holder	<b>15864200</b>
3" Holder	<b>15864300</b>

**BACKING PADS**


Description	Holes	Art #
6" Velcro Back	6 holes	<b>0586960001</b>
6" Velcro Back	No holes	<b>0586960004</b>
6" Self Adhesive Back	6 holes	<b>0586960101</b>
6" Self Adhesive Back	No holes	<b>0586960104</b>

**FILE BOARD SANDER**

**Features**

- For dry abrasive paper
- For quicker flat sanding of polyester filler, flat surfaces and joints
- Plastic handle

Description	Art #
File Board Sander	<b>0586445</b>

**BODY FILE HANDLE**

**Features**

- Concave and convex adjustable
- Handle made of aluminum
- Length: 360mm
- Width: 33mm

Description	Art #
Body File Handle	<b>07146173</b>

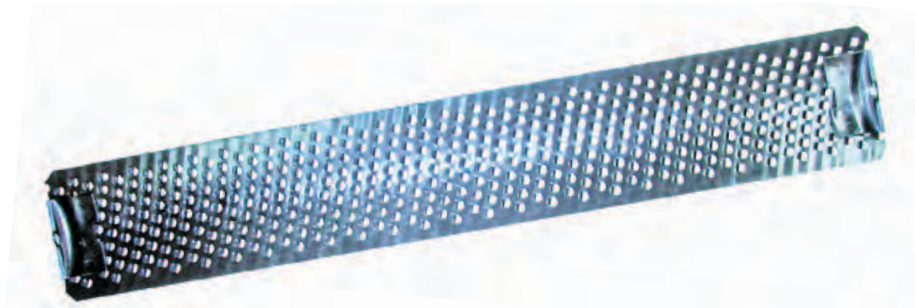
**BODY FILE BLADES**

**Features**

- Radially milled on both sides, flexible
- Length: 350mm
- Fit handle Art. # 0714 6173
- Radial medium - 12 teeth/inch
- Flat

Description	Art #
Body File Blades	<b>07146172</b>

## CHEESEGRATER ROUND FILE



**Sturdy rounded grater blades for filing and shaping body filler**

### Features

- Shape plastic fillers, wood & metal, fast and easy
- Smooth cutting
- Non-clogging
- Extra sharp
- Quick and easy shaping and filing
- Durable reusable metal construction
- 10" grater blade

Description	Art #
Cheesegrater Round File	<b>158596</b>

## BRAKE CALIPER FILE



### Features

- For removal of brake dust, rust and dirt from the caliper housing
- Plastic handle
- 150mm blade length, 10mm wide, 5mm thick & 260mm total length
- Diagonal, teeth-like profile on each side

Description	Art #
Caliper File	<b>07146179</b>

## SET OF WARDING FILES



### Features

- 6 Types: Flat, flat-pointed, triangular, square, half-round and round
- In plastic wallet
- Wood handle

Description	Art #
Set of 6 Warding Files	<b>07146174</b>



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