

OVER  
**300**  
OF OUR  
**FAVOURITE**  
PRODUCTS

**+ NEW PRODUCTS**

**TigerFlex Gloves 34**  
**Eco Absorb 40**  
**Anti-Slip Paint 85**

**+ SEE OUR  
NEW RANGE  
OF SAFETY  
GLASSES  
30**





# ALL OF YOUR FAVOURITE WÜRTH PRODUCTS AT YOUR FINGERTIPS, ANYTIME!



**FIND GREAT SALES  
AND SPECIALS!**



**MOBILE & TABLET  
FRIENDLY!**



**EASY TO  
NAVIGATE!**



**FAST & CONVENIENT  
DELIVERY!**

# THE GRIND

SUMMER 2017

**Würth Canada Limited**

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CUTTING SOLUTIONS

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100% QUALITY 0% COMPROMISE

## FIND OUR STRIPES!

Discover our highest quality products  
by looking for our **ZEBRA** mark.

These products offer exceptional  
ergonomics and optimized  
performance, for a tool that's  
tough enough for any project.



PLUS

6 NEW PRODUCTS

20 DRILL BIT TECHNICAL INFORMATION

46 FASTENER TECHNICAL INFORMATION



**New! High-visibility Safety Universal Absorbent**

Universal multi-use pad that combines an absorbent with caution/warning sign



**New! Eco Absorb**

Reduce waste and increase productivity!

**Eco Absorb absorbs 20x more than traditional absorbent clays and powders.**

## DIDYOUKNOW?

The Würth Ergolight Pro was the most popular new product in 2016!  
Followed closely by our new line of nitrile gloves and Eco Absorb!



**New! ECO Heavy Duty Degreaser**

Powerful enough to clean the heaviest grease deposits without the need for harsh chemicals!



**New! 3K Utility Knife**



**New! EZ Spin Flap Discs**



**New! Würth Ergolight Pro**





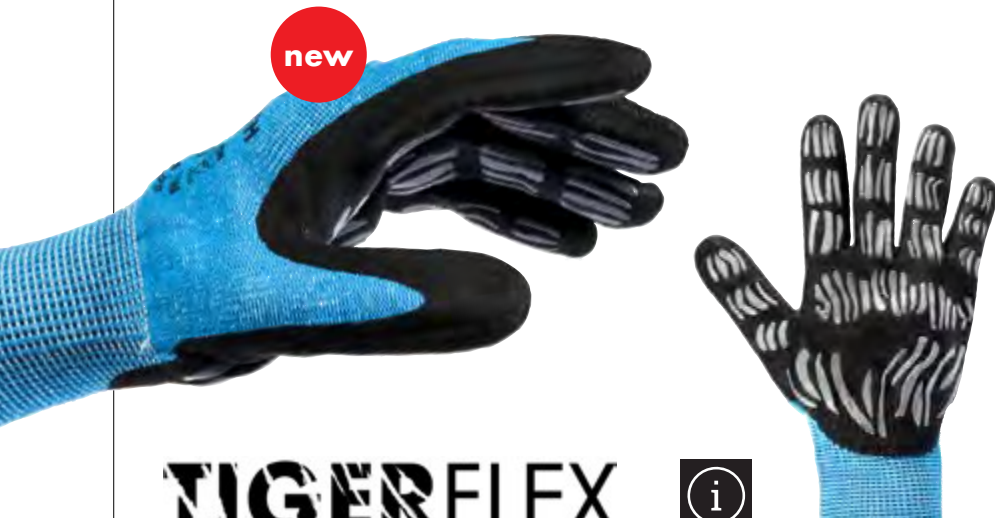
**New!** Würth Tactical Light (WTL) 4.0



**New!** NOVA Foam Lined Safety Glasses



**New!** HSCO Spot Weld Drill Bit with Step



**TIGERFLEX**



**The Tigerflex range is our top line in hand protection.**

Made with the latest innovations in modern production technology with one thing in mind—to give you the highest quality in protection and comfort while ensuring maximum grip.

**See some of our range, and more of our glove options on page 34!**

# NEWNOW!

**Here at Würth Canada, we're always working hard to bring you the best new products.**

Every new product is rigorously tested to our highest standards and specifically designed to exceed customer expectations.

Have absolute confidence that each Würth product is innovative, top quality, durable and reliable, and has been subjected to tougher testing than it will ever face in real life applications.





OUR FULL RANGE INCLUDES

Grinding Wheels  
Cutting Discs

Chop Saw Blades  
Grinding Stones

Decal Residue Removers  
Wire Brushes & Wheels

Hand Wire Brushes  
Abrasive Sets

Buff & Blend Wheels  
Nylon Abrasive Fleece

# GRINDING, SANDING AND CUTTING SOLUTIONS 01

Resin Fibre Discs  
Flap Discs

See-through Flap Discs  
Buff & Blend

Cartridge Rolls  
Surface Conditioning Discs

Hand Pads  
Wire Brushes

Razer Gold Sandpaper  
Flex Sanders



SEE MORE ON OUR  
NEW ESHOP  
WURTH.CA



# The Würth Abrasive Line

Whether it is cutting, grinding or sanding applications you are after, we offer you a full line of abrasive materials. From various discs, sandpaper, wire & bench wheels, brushes, fleece, and much more, we have the solution to meet your needs.

### Applications

- STL Steel**
- NFM Non-ferrous metals**
- SSTL Stainless steel**
- STN Stone**

### SPECIAL FLEECE MIDDLE WOVEN FABRIC

Increased work safety thanks to optimum grain adhesion and wheel composition

### BLACK FINE- GRAINED LAYER

Experience increased safety during grinding with no fraying of the wheel



## Ceramic SPEED-X Grinding Wheel



### RED COARSE- GRAINED LAYER

This grinding-active layer has a specially encased grinding grain, which aides in a very clean grinding pattern and high grind-off with low application of force



Rondeller Grinding Wheels

# Grinding Wheels



ZEBRA Speed Grinding Wheel



Long Life Grinding Wheel



Long Life Grinding Wheel



Can't find what you're looking for?

We have a large range of abrasive discs for every application. Ask your sales Würth rep for more information!





## General Working and Safety Precautions



Keep wheels dry, **20°C** room temperature is recommended



Only work with corresponding protective clothing like goggles, gloves, work shoes, etc



Do not use defective or worn flanges



Only carry out cutting and roughing work with a corresponding guard



Do not mount worn wheels on smaller machines.

## Cutting discs



'XTREME CUT' Cut Off Discs

STL SSTL



Zebra Speed Cut Off Discs

SSTL



Long Life Cut Off Discs

NFM



Zebra Long Life Cut Off Discs

STL



Cut Off Discs

STL SSTL

# Resin Fibre Discs



- 1 Premium Aluminum Oxide Resin Fibre Discs**
- 2 Premium Zirconia Resin Fibre Discs**
- 3 Premium Ceramic Coated Resin Fibre Discs**
- 4 ALUMAX Mini Resin Fibre Discs** A premium product for aluminum, brass, copper and more. Offers a superior life and features a cool cut with anti-loading agent for soft metals.
- 5 Premium Aluminum Oxide Mini Resin Fibre Discs** Aluminum oxide grain is the best material for weld removal, blending, deburring and removal of imperfections.
- 6 GREEN POWER Zirconia Mini Cloth Discs** Excellent for rapid stock removal on carbon steel. Great performance on light gauged sheet metal. Flexibility reduces gouging of metal resulting in a finer finish.
- 7 Premium Ceramic Mini Resin Fibre Discs** Excellent for rapid stock removal on stainless steel and tough alloys. Perfect for deburring, weld removal, corrosion and oxidation removal
- 8 ZEE SUPREME Mini Resin Fibre Discs** Excellent for rapid stock removal on carbon steel. Great for removing sharp edges and burrs.

## Choosing the right grit

16-36 Stock Removal	30-50 Edge Chamfering	36-60 Weld Blending	40-80 Deburring/ Deflashing	50-100 Rust Removal	60-120 Cleaning & Finishing
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new

COOL CUTTING ZIRCONIA GRAIN

ERGONOMIC GRIP AREA

For fast and easy finger alignment and mounting

New

## Zirconia EZ SPIN Flap Discs

Reduce waste and increase productivity with the EZ Spin Quick Change System.



PLASTIC BACKING

Absorbs vibration and increases removal rate performance

- + **Super-fast** mounting and demounting
- + Eliminate **costly** changeover time
- + 5/8-11 hub **fits all standard** grinders
- + High stock removal
- + **Long life**
- + **Even grinding** pattern



Lasts up to  
**4X**  
longer than  
conventional  
flap discs

**Ceramic Flap Discs**

- Extremely long service life.
- Very cool grinding.
- Reduced discolouration of material.
- Self-sharpening ceramic grain.



**Jumbo Zirconia Flap Discs**

Designed for maximum performance in deburring, weld removal, grinding and polishing metals.



**See-through Zirconia Flap Disc**

Good view "through the disc" and thus on the material being processed. Fantastically cool and even grinding results.





#### | MINI FLAP DISCS



+ **Great for** weld seam finishing, surface grinding, removal of paint, tool sharpening, plastering and smoothing, deburring and more.



#### | BRISTLE TYPE DISCS



#### | CARTRIDGE ROLLS

+ **Multi-layer, multi-wear design** exposes new abrasive cutting points throughout the life of the roll.



#### | BUFF & BLEND WHEELS

+ **Great for** ferrous, non-ferrous, aluminum, high nickel/chrome alloys and stainless steel materials.





Choose from **5** unique finishes!

**COARSE • GREEN**  
Great for heavy cleaning and stainless steel.

**FINE • GREY**  
Good for between finish coats as well as lacquer rubbing.

**MEDIUM • MAROON**  
For precision surface conditioning.

**ULTRA-FINE • WHITE**  
Non-abrasive pad used for light duty cleaning.

**HEAVY DUTY COARSE • TAN**  
Extremely aggressive for paint removal and coarse finishing.

**FIBRATEX**  
**Hand Pads**

## Nylon Fibre Discs

**Blue Quick Strip Discs**

**Nylon Fibre Discs**

**Nylon Abrasive Fleece with Shank**

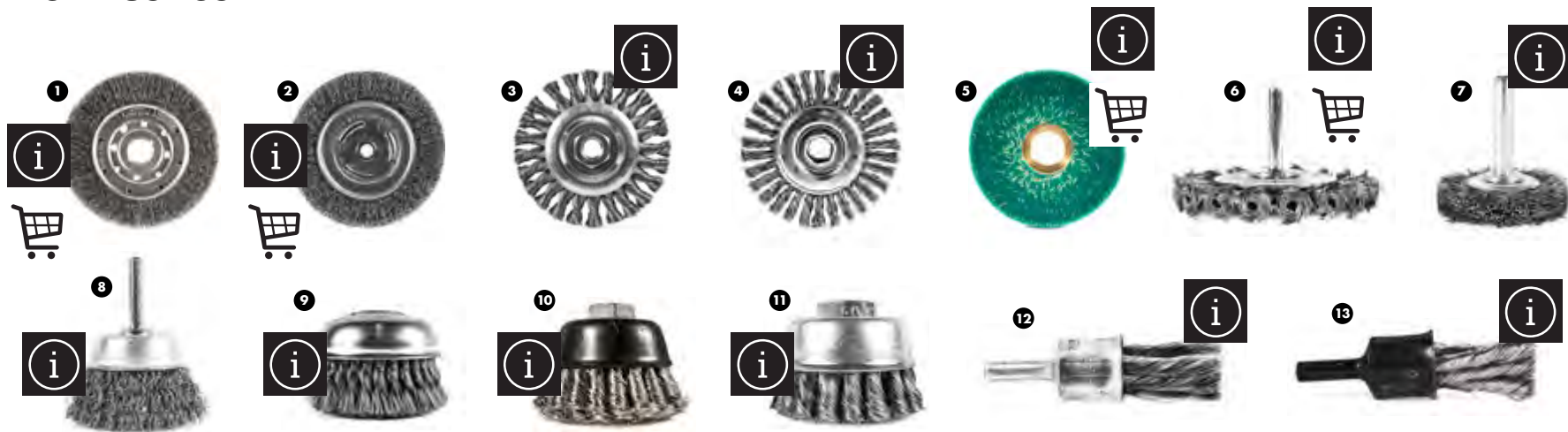
**1 & 2 Hand Brushes**  
**3 Flex Sanders**  
Available in sets and extra long blocks.

Easily sand **difficult** contours

**Surface Conditioning Discs**

**Mini Surfacing Conditioning Discs**

## Wire Brushes



**1 Wire Bench Wheel** Excellent for wider surfaces where flexibility is required for preparing surfaces prior to welding

**2 Wire Bench Wheel** Unique, flexible bristle pattern conforms to most shapes and profiles

**3 Knot Wire Wheel Brush** Great for surfaces preparation, cleaning grooves, T-connections and welded beads

**4 Stringer Bead Wheel Brush** The small width of this brush allows it to be used in recessed areas such as welding junctions in pipeline fabrication

**5 Safety Long Life Wire Brush (Mule Skinner)** Ideal for the preliminary cleaning of metals which are intended to be painted or coated. High level of safety and long service life

**6 Knotted Wire Brush with Shank** Great for removal of rust, paint, scale, welding residue and underbody seal

**7 Wire Brush with Shank** Great for uses such as light duty deburring and rust removal work

**8 Surface Brush with Shank** For grinding of large surfaces

**9 Knot Wire Cup Brush** For heavy-duty cleaning of large metal surfaces and specially designed for use on portable tools

**10 Knot Style Cup Brush**  
High speed small grinder knot wire cup brush

**11 Braided Steel Wire Pot Brush** Ideal for the preliminary cleaning of metals and for the removal of slag, rust and paint

**12 Steel Knot Wire End Brushes**  
Can be used on CNC equipment.

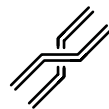
**13 Stainless Steel Knot Wire End Brushes**  
Spot cleaning or facing; removal of slag, rust or scale; cleaning pipe I.D.; deburring or flash removal; cleaning dies, molds and tooling; pipeline cleaning.

## 36 Piece Professional Bore Brush Set



This 36 piece bore brush set is designed for the professional technician who needs the right tool for the job.

This set is great for cleaning bushings, ports, tubes, holes, channels, sockets, brake guides and other general wire brush applications.



Twisted wires for increased cleaning function.

### Kit includes:



**Stainless steel**  
Perfect to clean steel parts



**Brass wire**  
Perfect for aluminum parts



**Nylon wire**  
Perfect for sensitive parts and plastic





# RAZER GOLD SANDPAPER

The only choice for professionals



ASK YOUR WÜRTH REP  
ABOUT OUR FULL LINE!



## The Razer Gold difference:

### SUPER STRONG

Hook & Loop type discs are made with the industry's heaviest and strongest velour backing. Heavy velour gives you a strong and long-lasting disc, while adding cushion and durability.

### DURABLE

40 to 600 grit papers are made with C weight Aluminum Oxide paper. The superior resin over resin adhesion system prevents cracking and peeling, resulting in a more durable disc; as well as a smoother finish on your work piece.

### VERSATILE

800 to 3000 grits are made of a lightweight Silicon Carbide grain and waterproof paper, giving you a versatile disc for either wet or dry sanding.



OUR FULL RANGE INCLUDES

**HSS Drill Bits**  
**Cobalt Drill Bits**

**Hammer Drill Bits**  
**Spot Weld Drill Bits**

**Double-ended Drill Bits**  
**Countersunk Bits**

**Step Drills**  
**HSS Reamers**

**End Mills**  
**Hole Saws**

# SAWING AND DRILLING SOLUTIONS 02

Extractor Sets  
Honing Stones

Carbide Burrs  
Taps

Countersink Bits  
Time-Sert®

Sabre Saw Blades  
Jig Saw Blades

Hacksaw Blades & Frames  
Cutting Knives & Blades



SEE MORE ON OUR  
NEW ESHOP  
WURTH.CA



# TECHNICAL INFORMATION

## Yes Sir, Drill Sergeant!

Drill bits are available in a variety of materials and coatings, each changing their performance, application and longevity.

### Titanium Drill Bits

Titanium drill bits are HSS bits that have been coated with titanium nitride (TiN) using a process similar to electroplating. TiN is a ceramic material that increases the surface hardness of the bit and provides a thermal barrier by reducing friction. This results in increased production rates, corrosion resistance, and 3 to 6 times longer tool life. Titanium bits are suitable for drilling iron, steel, aluminum, magnesium, and wood.

However, once the tip is dulled, it won't regain its cutting edge without being recoated in titanium nitride. It usually makes more sense to replace rather than recoat them. So even though they are harder than cobalt, their edge is only skin-deep.

### Cobalt Drill Bits

High speed steel is alloyed with 5-8% cobalt to create cobalt drill bits. They are better suited for drilling metal due to a high resistance to the massive heat generated when drilling through highly abrasive and/or hard materials such as treated stainless steel, titanium, and cast iron. Unlike the TiN coating, cobalt is found throughout the entire material which makes it great for high production.

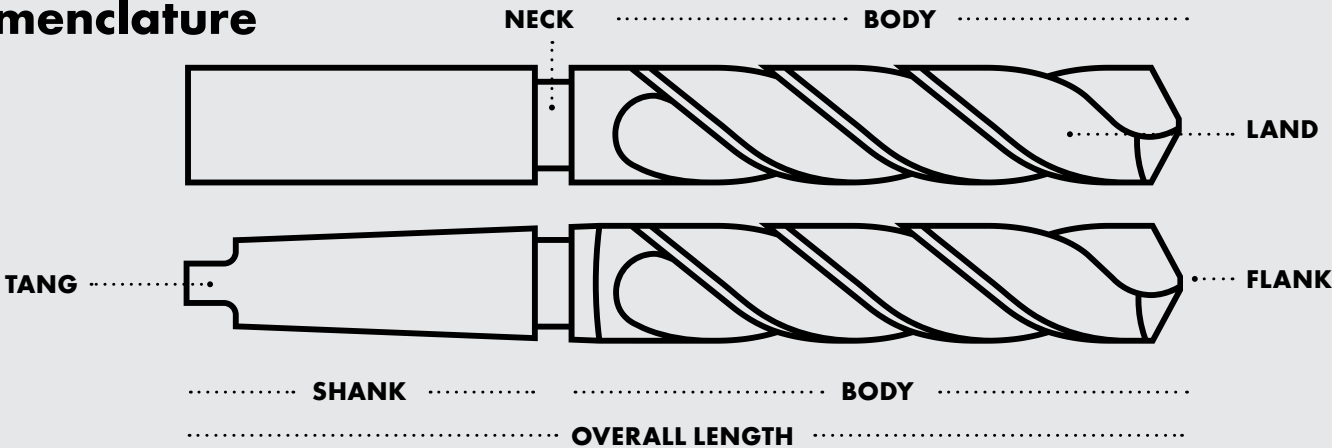
Because of their durability and cost, they are not preferred for general purpose use. The extra hardness allows the flutes to be smaller as a percentage of the total thickness, increasing the strength of the bits. Cobalt bits may cost more than TiN or Black Oxide bits, but the value is in the toughness.

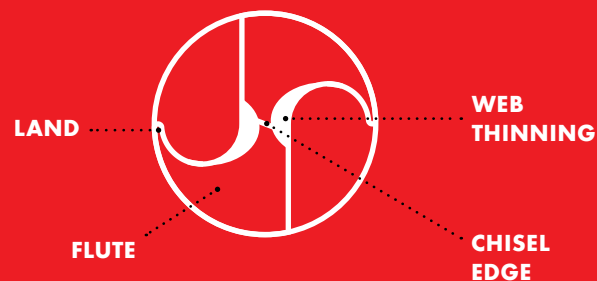
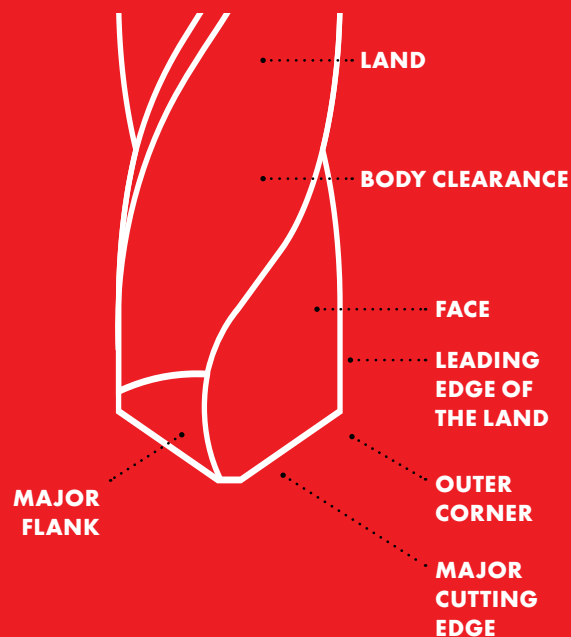
### Black Oxide Drill Bits

These HSS bits are heated to 510°C (950°F), creating a black oxide finish that resists rust and corrosion. This reduces friction between bit and workpiece, thereby speeding up the drilling process. Black oxide bits are suitable for working on steel, copper, aluminum, brass, oak, maple, MDF, pine, PVC, polycarbonate, acrylic, ABS, nylon and composite materials.

Black oxide bits last up to 50% longer than standard HSS bits. They offer superior durability and speed and are considered the best general purpose drill bits.

## Drill Nomenclature





Keep in mind when dealing with **Cobalt bits** is that this bit is a specialty bit, not a general purpose bit. Due to the percentage of Cobalt the drill bit it makes them extremely frail, causing bits to snap as opposed to wear. That is why a Cobalt bit should really only be used in metal drilling, they tend to snap in wood drilling if you move your drill just a little bit. Now that's drilling a hole in your pocket!



## ASK AN EXPERT

**DAVID "DODI" MIRIE**  
TOOL & LIGHTING PRODUCT SPECIALIST

**Q:**  
**MY BITS KEEP BREAKING, WHAT COULD BE CAUSING THIS?**

**There are many reasons for this problem. Here are just a few popular reasons.**

The first is using the wrong type of bit for the material—wood bits should not be used for cutting metal and metal bits should not be used for cutting wood.

Also check for an improperly mounted bit—if the tool or bit moves, it is hard to maintain straight edge cutting. Make sure that your bit is properly mounted in a manner that provides a stable platform for the tool and bit to complete its work.

Incorrect feeds and speeds—for every material, there is an optimum combination of cutting depth, spindle speed and feed rate that yields the best cut and the longest bit life. Always refer to product guidelines. Lastly, not using a coolant to reduce heat at the flute of the bit.

**Ask your Würth rep for more information on our quality cutting tool products, or see our products online at [wurth.ca](http://wurth.ca)**

## How are we different?



### ① High Performance Coating

Coatings such as black oxide and bronze oxide provide tough rust resistance and improves the life of the tool



### ② Superior Productivity

Our Titanium Nitride-coated products last 2–3 times longer than the average drill and offer superior cutting speeds



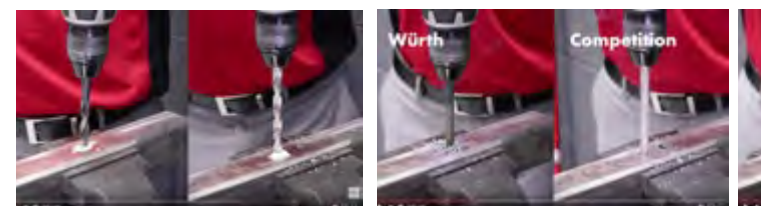
### ③ 135° Split point

For easy centering and quick penetration, also reduces "walking"



**Don't just take our word for it, see the difference!**

**View our Youtube channel for drill bit demos and more!**



Our Multi Blades have a **progressive + tooth pitch** for thin and thick materials for particularly fast cutting.



## Always find the right blade.



We've made it easy to pick the best blade for your needs. View our full list of blades on our **new eShop**, or follow our easy Star and Colour coding system.



**Best** saw blade for professionals and extreme applications



**Better** saw blade for heavy duty use



**Good** saw blade for conventional applications



Wood



Metal



Universal



Stainless Steel





#### | HSS HOLE SAWS & ACCESSORIES

+ The HSS bi-metal construction allows a **fast and clean cut**



#### | SABRE SAW BLADES

## Always a cut above.

We have been a supplier of quality cutting tools and supplies to Canadian businesses since 1971, offering a full line of cutting tools and supplies. Whether you're in need of drill bits, indexes, saw blades, honing stones or our innovative TIME-SERT® thread repair system.

Recommended  
by **Leading Car  
Manufacturers!**

### BASED ON STEEL INSTEAD OF WIRE INSERTS

Which guarantees easy installation and  
allows for permanent full load use.

## Time-Sert®



For perfect thread reinforcement  
and renewal as used on series  
production and repair.



### SELF LOCKING DUE TO FORMING OF THE COMPONENT THREADS WHEN INSERTED

The bushing will not pull or torque out even when used often.

### THIN WALLED DUE TO SYNCHRONIZED INTERNAL AND EXTERNAL THREADS

Its thin cross-section allows for installation in areas  
of limited space and clearance material.



**Also available in  
Master Sets!**



**Screw Extraction Set 15 pcs**



**Honing Stone Set**



**Carbide Burr Assortments**



**Countersink Sets**



## Würth Drills and Cutting Tools

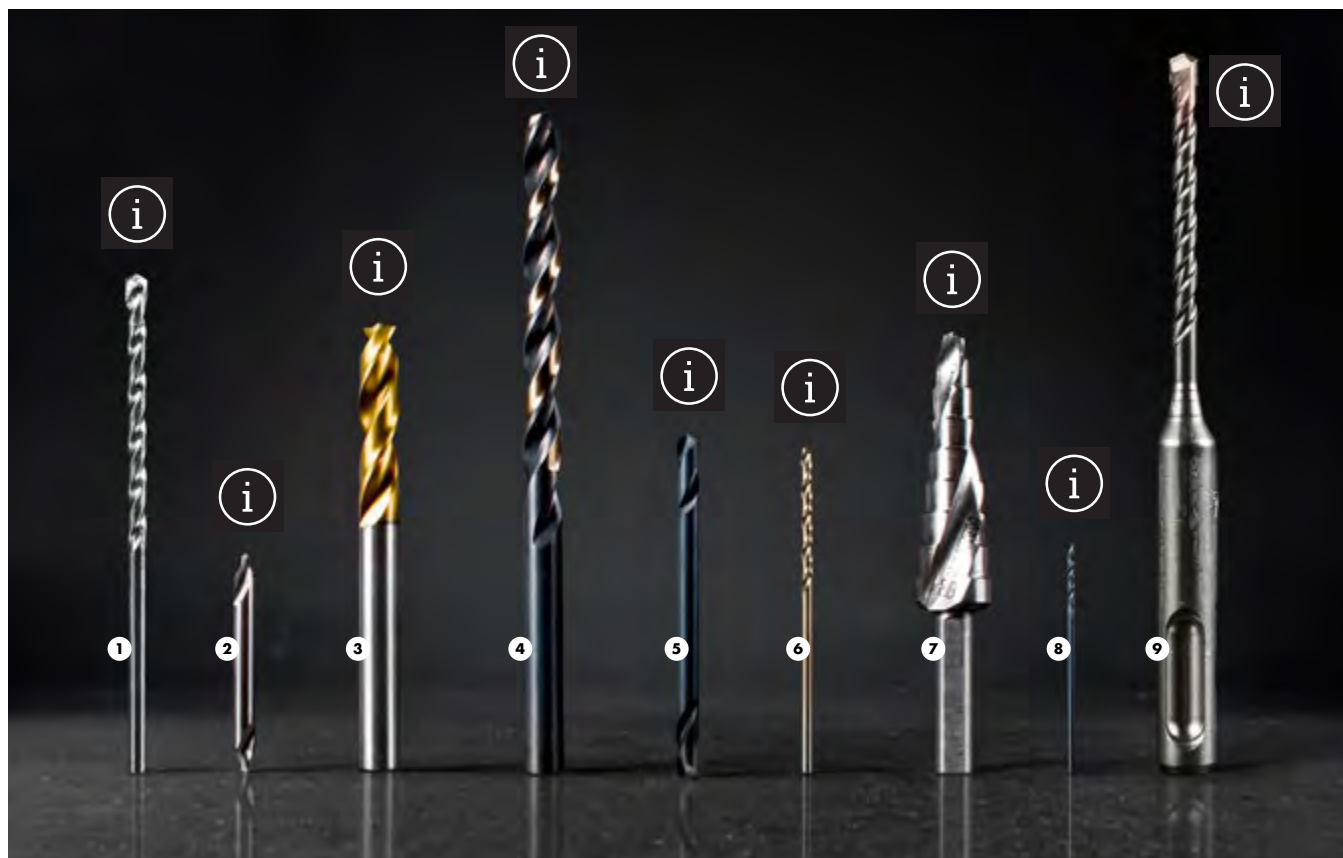
From standard numbered drill bits and standard cobalt drill bits to spot weld drill bits and drill indexes & assortments—we have what you're looking for.

- 1** Masonry Drill Bits; **2** Combi Drills/Countersunk Bits;  
**3** HSCO Spot Weld Drill Bit TIN (TITANIUM NITRIDE COATED);  
**4** Numbered Drill Bits; **5** Metric HSS Double-ended Twist Drill Bit; **6** Cobalt Drill Bits; **7** HSS-E Step Drills **8** Metric HSS Drills; **9** 4 Plus Rotary Hammer Drill Bit (SDS)



**Looking for something a bit bigger?**

**We have dozens of assortments for many of our cutting tools!**



## Würth Hand Taps

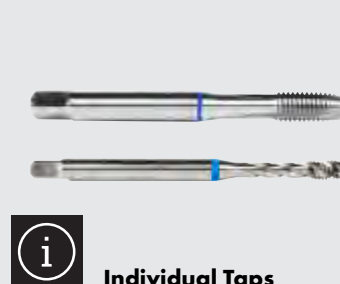
Outstanding features of Zebra machine taps:

### Highest quality:

- Cobalt alloyed basic materials
- Constant material receiving inspections
- Highest precision in production

### Special geometry:

- Low wear
- Better chip removal
- More accurate thread



**Individual Taps**



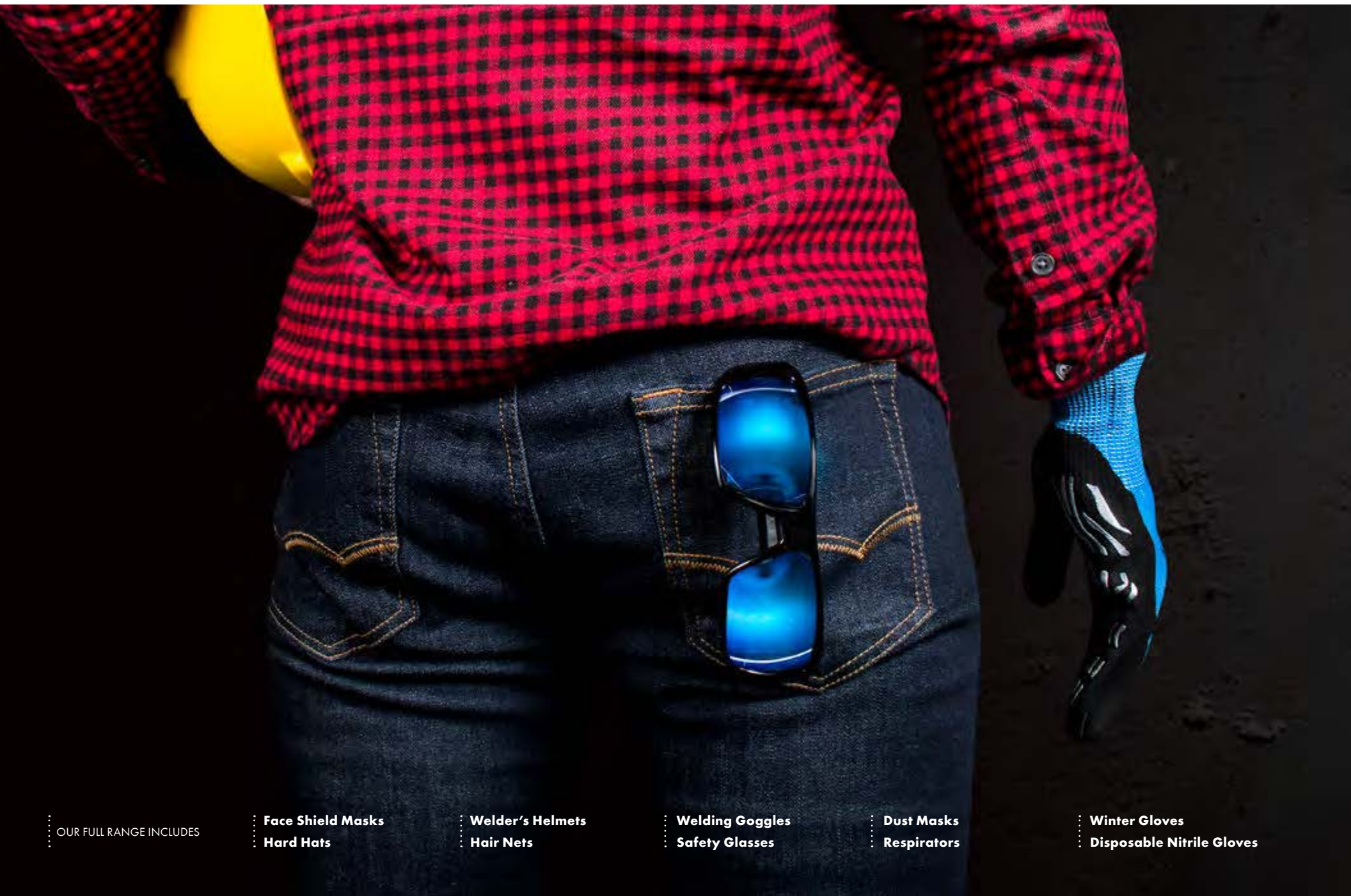
### 21 Piece Tap Assortment

1 set of First, Second and Finishing metric coarse taps for each of M3, M4, M5, M6, M8, M10, M12.



### 32 Piece Tap & Die Set

Includes a starter tap, bottoming tap and finishing tap for each size all in a molded case



OUR FULL RANGE INCLUDES

Face Shield Masks  
Hard Hats

Welder's Helmets  
Hair Nets

Welding Goggles  
Safety Glasses

Dust Masks  
Respirators

Winter Gloves  
Disposable Nitrile Gloves



# SAFETY AND PERSONAL PROTECTION SOLUTIONS 03

Welding Gloves  
Cut Resistant Gloves

Flame Resistant Gloves  
General Duty Gloves

Dipped Gloves  
Safety Vests

Disposable Coveralls  
Hearing Protection

Safety Overshoes  
First Aid Kits & Supplies



SEE MORE ON OUR  
NEW ESHOP  
WURTH.CA

## The Würth Safety Line

Preventing any work-related injury—and being prepared when an injury does occur—is a very important job at all workplaces. All provinces in Canada have legislation in place regarding first aid and safety supplies in the work place, which every employer must adhere to.

**SET-BACK VIEWING  
WINDOW PREVENTS  
SCRATCHES**

**OPTIMIZED GLARE PROTECTION**  
FULLY AUTOMATIC DARKENING IN  
FRACTIONS OF A MILLISECOND.

**SPECIAL SMOKE-REPELLENT DESIGN**

**OPTIMIZED HELMET SHELL**  
ERGONOMIC DESIGN AND OPTIMUM BALANCE.



### Automatic Welder's Helmet WSHII 9-13

This helmet enables a  
seamless adjustment  
between the protection  
levels 9 and 13.



## Protective Headgear



Face Shield Debris Mask



Hard Hats ☐ ☒

### Disposable Dust Mask N95 with Red Exhalation Valve



**Provides protection against particles** from  
grinding, sanding, sweeping, sawing, bagging or  
processing minerals, coal, iron ore, flour, metal,  
wood, pollen and certain other substances.

Also protects against liquid or non-oil-based particles  
from sprays that do not emit oil aerosols or vapours.



Banded ear plugs



Ear Muffs



Individually-wrapped Earplugs

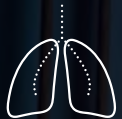


Manufacturing is one of Canada's most dangerous industries, with almost **40,000** injuries in 2012.



Although head injuries occur relatively less often, they pose very serious consequences.

**Always be proactive!** See all of our protective headgear on [wurth.ca](http://wurth.ca)



Different hazards require different types of respirators, so it's important to choose the right respirator for your workplace. For information on choosing and safely using respiratory protection, **ask one of our sales representatives.**



According to the **Canadian Labour Code** all employees should wear a hearing protector if the noise or sound level at the workplace exceeds 85 decibels (dBA) during an 8 hour shift. Find out about our hearing protection by going to [wurth.ca](http://wurth.ca)



**+** See our **welding products** on page 90





**Clear**  
**BEST FOR:** General use with impact protection

**Ice Blue Mirror**  
**BEST FOR:** Protection from harmful UV rays.




**Filter Shade Green**  
**BEST FOR:** Reducing ultraviolet, visible and infrared radiation. Commonly used during welding applications.

**Indoor/Outdoor Mirror**  
**BEST FOR:** Jobs that require you to move between indoors and outdoors



**Never sacrifice comfort for style.**

See side for lens coating options.

-  **Anti-Fog:** Anti-fog prevents lens from fogging, allowing vision to remain optically clear in any environment.
-  **Scratch Resistant:** Hard coated polycarbonate provides superior impact and scratch resistance.
-  **UV400:** Provides 99.97% protection from harmful UV-A/B-C rays.





**We understand every business is unique.**  
That's why we offer dozens of First Aid Kits and supplies—for every business size and need!



Q:  
WHO PAYS FOR PERSONAL  
PROTECTIVE EQUIPMENT  
(PPE), THE EMPLOYER  
OR THE EMPLOYEE?

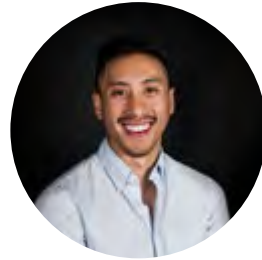
In a perfect world, you would be able to eliminate all hazards from the workplace, but in reality, some hazards can only be minimized. This is where personal protective equipment (PPE) comes into play. By law, PPE has to be used in the workplace. What the law doesn't always make clear is who is responsible for paying for the equipment.

**"PROVIDE MEANS  
MAKE AVAILABLE, NOT  
NECESSARILY PAY FOR."**

For some, it comes down to one word: "provide". Is the employer required to provide the equipment, according to the legislation, and does the word also mean "required to pay for"? Canadian jurisdictions take two approaches to paying for PPE:

1. The Occupational Health and Safety (OHS) Laws in 5 jurisdictions: BC, MB, QC, SK and YT- specifically outlines who must pay for which kinds of PPE

For example: In British Columbia, a worker is responsible for providing clothing needed for protection against the natural elements and the employer is responsible for providing—at no cost—all other items of personal protective equipment required by the regulation.



**ASK AN EXPERT**

**ADRIAN VARILLA**  
PPE & SAFETY SPECIALIST

2. The remaining 9 jurisdictions: Fed, AB, NB, NL, NT, NS, ON and PEI—The OHS laws don't specifically address who pays for the PPE.

In these nine jurisdictions, the question of who pays for PPE often turns on whether the employer has to "provide" that PPE. Basically if the employer has to provide the PPE, they generally must also pay for it. But if an employer is only required to ensure that workers use PPE, it doesn't have to pay for that PPE. And in unionized workplaces, employers and unions will often cover who pays for PPE in collective agreement.

**To learn more, see your Occupational Health and Safety Laws, or ask your Würth rep for more information.**

**ZIPPER CLOSURE IN THE FRONT**

**ELASTIC HOOD, WRIST, AND ANKLE BAND**  
ENSURES FULL PROTECTION



**New**

**Microporous  
Coveralls**



**The Microporous Coveralls are the perfect protective suits for medium-heavy duty work such as cleaning and professional painting.** The material is breathable and offers protection against dust, most solvents, and liquids.



**Hair Nets**



**Safety Overshoe**



**Reflex CSA Traffic Vest**



TIGERFLEX PLUS GLOVES



TIGERFLEX COOL GLOVES



TECH TIP

**Get extended wear time!**  
The darker colour on our  
**Tigerflex Cool Gloves** hides  
dirt and grime for longer use.



TIGERFLEX THERMO GLOVES

+ **Tigerflex Thermo Gloves** offer  
thermal protection for jobs that  
require handling sharp materials  
in cold and wet conditions



TIGERFLEX CUT 5/500 GLOVES



+ The colour combination on our **Tigerflex Hi-Lite gloves** provide **excellent high-visibility protection** for even the darkest workstation!

**New**

**TIGERFLEX** 

**Würth's top quality line in hand protection**

This range of gloves provides the perfect balance between safety and usability for a number of different applications. Tailor-made for the needs of our customers.

## Hand Protection

Find a glove for every workplace and every technician. Ask your Würth rep about our full range, or see it online on our **new eShop!**



**Softflex Foam Nitrile Gloves**



**Nitrile Gloves**  
Assorted thicknesses available  
● ●

+ **Require bulk nitrile gloves?** Our premium nitrile gloves are available by cases for a great bulk price!



**Diamond Texture Nitrile Gloves**  
● ● ●



**General Purpose Leather Gloves**



**Assembly Glove with PU Coating**



# Skin Care

Successful skin protection in the workplace is a requirement for a long and healthy occupational life. Our products combine preventive protection against harmful working substances, skin-friendly yet thorough cleaning, effective disinfection and last but not least, effective care.



**Hand Cleaner**  
White Pumice or Red Waterless Gel



**Hand Lotion**

This solvent has **skin-friendly micrograins**, making it perfect for daily heavy duty applications



## Automatic Hand Cleaner Dispenser

Unique, touch-free dispensing system for optimal hygiene.



**Skin Protection Cream**



**Invisible Glove**



**Universal Cleaning Wipes with Scrubber**



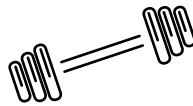
**Automatic, touch-free dispensing.**

Improves hygiene and dramatically reduces product consumption.



**Quantity control guarantees economical use.**

The metered 5 mL output provides up to 600 applications per 3 litre container.



**Professional-quality product.**

Our dispenser is made of high quality, robust and strong components.



**No waste.**

Disposable cartridge empties 100%.







OUR FULL RANGE INCLUDES

Glass Cleaners  
Hand Cleaner & Lotions

Skin Protection Creams  
Floor Cleaners



Scale Removers  
W-Sol Residue Removers



Eco HF Acid Replacement  
Metal Restorer

Stainless Steel Cleaners  
Degreasers





# CLEANING & SURFACE CARE 04

Eco Super Spray All  
Heavy Machinery Washes

Eco Parts Washes  
All Purpose Disinfectants

Graffiti Removers  
Cloths & Brushes

Absorbents & Towels  
Drain Treatments

Deodorizers  
Eco Dilution System



SEE MORE ON OUR  
NEW ESHOP  
WURTH.CA

## Committed to quality

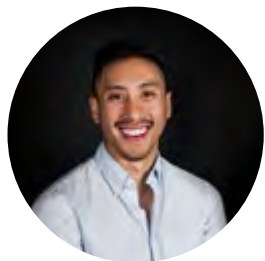
We're proud to offer one of the most extensive and compliant ranges of chemicals in the Canadian industrial market.

**NSF Food Safe Product**  
Approved by NSF International



### Industry Clean

High-quality specialty cleaner for industry and craft trades. Great for most surfaces, like aluminum, brass, stainless steel and metallic surfaces.



## ASK AN EXPERT

**ADRIAN VARILLA**  
PPE & SAFETY SPECIALIST

### Q: WHAT MAKES ECO ABSORB SUSTAINABLE AND SAFE?

Würth's Eco Absorb is made entirely of coconut coir, a by-product of the coconut industry. Its hollow and narrow cells gives the coir incredible absorption properties, making it naturally absorbent. Coconut coir is completely organic, non-toxic, and carcinogen-free.

This is in stark contrast to many competitor items, which not only have a lower performance, but contain carcinogenic clay which can track all over your workplace.



New

## Eco Absorb

Reduce waste and increase productivity. Eco Absorb absorbs **20 times** more than traditional absorbent clays and powders.

### Non-toxic

100% Organic. Carcinogen-free. Silica-free.



### Easy Disposal

Exceeds Federal EPA Leachate Standards. Just cleanup and throw away.



### Dust-free

Carcinogenic clay dust is a thing of the past; Eco Absorb is dust free and will not track all over your workspace.



### Multiclean

Good cleaning and degreasing action. Removes oils, resin encrustations and silicone residues.



+  
Absorbs  
**19x**  
its  
weight!



**Absorbent Rolls**



**Blue Microfibre Cloths**



**Cleaning Towels**



Extremely **tear resistant** even when wet!



**Softex Cloths**



## Stainless Steel Power Cleaner

**Special cleaning fluid for preliminary cleaning of metal surfaces.**

Contaminations such as boring or cutting oil and other processing residue are removed thoroughly.

### **This is great for...**

**Removing any oils and greases** that may be left on the surface from the manufacturing process, or to thoroughly remove added lubricating products. This allows the piece to be worked on further without contamination issues.



## Metal Restorer

**Metal grinding paste for removal of the most stubborn contaminations from metal.**

Stubborn contaminations, such as metal oxidation, rust film, verdigris, lime and boiler scale are removed thoroughly and gently.



### **This is great for...**

**Restoring metal surfaces to their original appearance.** Removes long-term oxidation build-up and protects surfaces from further damage.



## Stainless Steel Care Spray

**Cleaning and care emulsion for metallic surfaces.**

Dirt, polishing and wiping streaks, as well as oily fingerprints are removed thoroughly.



### **This is great for...**

**Cleaning and polishing all stainless steel surfaces.** Contains a foaming emulsion that removes dirt and fingerprints, as well as a polishing agent to return the surface to its natural shine.



**Looking for eco-friendly options? See the next page!**



SAFE ALTERNATIVE TO  
HYDROFLUORIC ACID

SAFER WORKING  
ENVIRONMENTS  
Non-toxic, non-corrosive,  
non-flammable, and  
non-combustible





## 1 Eco HF Acid Replacement

**All-purpose industrial cleaner for the removal of calcium, silica, and oxidation in place of harmful hydrofluoric acid.**

- Removes tough water scale, lime scale, silica scale, organic deposits, and rust stains
- For use on stainless steel, and aluminum metals



## 2 Eco Heavy Machinery Wash

**Specially formulated to handle the toughest cleaning challenges in the oil industry.**

- On-site usage eliminates the cost of dismantling equipment, or sending it off-site for cleaning
- Can be used for chemical cleaning of all hydrocarbon and crude oil products
- Safe on all ferrous and non-ferrous metals



## 3 Eco Heavy Duty Degreaser

**Powerful enough to clean the heaviest grease deposits without the need for harsh chemicals.**

- Highly effective on all heavy petroleum based products such as all oils, greases, waxes, and tars
- Provides a better clean than many conventional toxic products, while being safer for you and the environment



## 4 Eco Parts Wash

**A safe and efficient alternative to using toxic solvents for parts washing. No system changeover needed, can be added to any wash basin.**

- Contains corrosion inhibitors
- Does not require a heated parts washer system
- Excellent for removing all types of oils, greases, and oil-based fluids



**ASK AN EXPERT**

**ANTHONY DEFILIPPIS**  
CHEMICAL PRODUCT SPECIALIST

Q:  
WHAT ARE DEGREASING  
SURFACTANTS AND  
HOW DO THEY WORK?

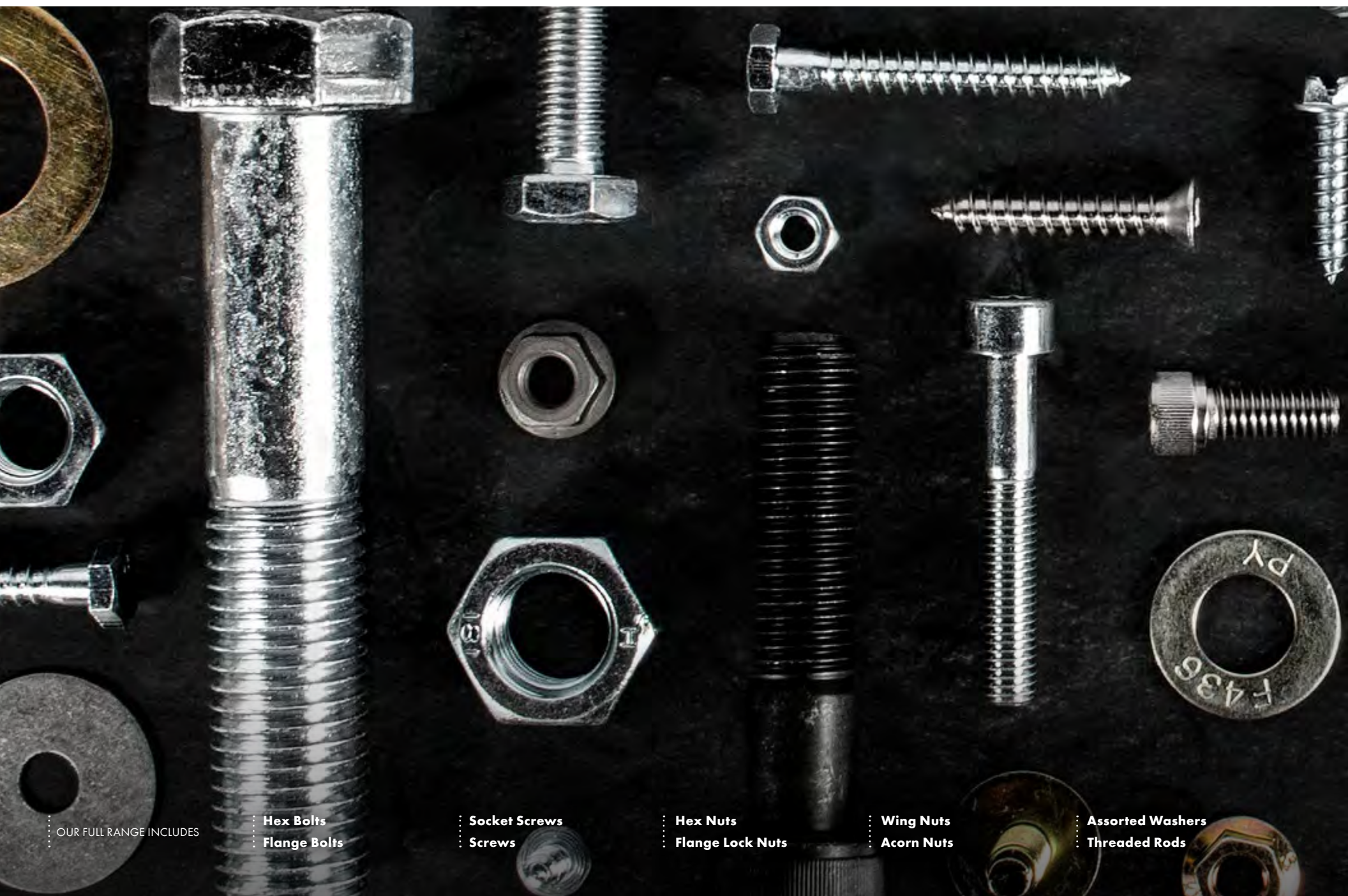
"SURFACTANT IS A COMBINATION OF THE WORDS: SURFACE, ACTIVE, AND AGENT."

**They're often a long organic aliphatic molecule that contains a hydrophilic end (water loving) and a hydrophobic end (water hating). These molecules lower surface tension by lining up on the water's surface to push and even out the droplets.**

Lower surface tensions make it easier for the solution to clean deeper and remove more oil and grease. Würth's eco degreasers use naturally occurring bio-surfactants rather than petroleum-based surfactants. These are completely environmentally-friendly, non-toxic, more selective, and have better performance under extreme conditions. The difference between each of these degreasers is dependent on the specific mix of detergents, wetting agents, emulsifiers, and foaming agents.

**Ask your Würth rep for more information on our environmentally-friendly cleaning products, or see our products online at [wurth.ca](http://wurth.ca)**





OUR FULL RANGE INCLUDES

Hex Bolts  
Flange Bolts

Socket Screws  
Screws

Hex Nuts  
Flange Lock Nuts

Wing Nuts  
Acorn Nuts

Assorted Washers  
Threaded Rods



# FASTENING, HARDWARE & ANCHORING SOLUTIONS 05

Retaining Rings  
Pins & Links

Studs  
Sleeve Anchors

Wedge Anchors  
Drywall Anchors

Toggle Bolts  
Liquid Rock

Rivets  
Concrete Screws



SEE MORE ON OUR  
NEW ESHOP  
WURTH.CA

# TECHNICAL INFORMATION

## Grades & finishes

### Grade 2

Grade 2 is a standard hardware grade steel. This is the most common grade of steel fastener and is the least expensive. Grade 2 bolts have no head marking (sometimes a manufacturer mark is present).

### Grade 5

Grade 5 bolts are hardened to increase strength and are the most common bolts found in automotive applications. Grade 5 bolts have 3 evenly spaced radial lines on the head.

### Grade 8

Grade 8 bolts have been hardened more than grade 5 bolts. Thus they are stronger and are used in demanding applications such as automotive suspensions. Grade 8 bolts have 6 evenly spaced radial lines on the head.

### Alloy Steel

Alloy steel bolts are made from a high strength steel alloy and are further heat treated. These bolts are typically not plated resulting in a dull black finish. Alloy steel bolts are extremely strong but very brittle.

### Zinc Plating

Many steel fasteners are electro-plated with zinc for better corrosion resistance. Fasteners that have been zinc plated have a shiny silver or golden appearance referred to as clear or yellow zinc respectively. They are fairly corrosion resistant but will rust if the coating is destroyed or if exposed to a marine environment.

### Hot Dip Galvanizing

Galvanizing is another coating involving the application of a layer of zinc. Hot dipped galvanizing puts the thickest possible coating on the metal resulting in superior corrosion resistance. Due to the thickness of the coating hot dipped galvanized bolts are not compatible with other nuts.

## Stainless Steel

Type		Characteristics	Tensile strength	Common applications
316	Austenitic stainless	Can corrode if placed in environments with insufficient oxygen	85,000–140,000 psi, best option for high temperature environments	Industrial environments using chlorides and sulfates (Sulfuric Acid)
301, 302, 303, 304, 305	(85-90% of SS sales)	Non-magnetic recognized as 18–8 18% chromium & 8% nickel	85,000–150,000 psi	Food, dairy, pulp and paper, pharmaceutical, marine, medical, etc.
400, 410, 416, 420	Martensitic stainless (3-5% of SS sales)	Magnetic	180,000–250,000 psi, when heat treated	Mild atmospheres requiring higher tensile strengths.



# Fastener Type Chart



## Wood Screws

Screws with a smooth shank and tapered point for use in wood.



## Machine Screws

Screws with threads for use with a nut or tapped hole.



## Sheet Metal Screws

Fully threaded screws with a point for use in sheet metal.



## Hex Bolts

Bolts with a hexagonal head with threads for use with a nut or tapped hole.



## Self Drilling SMS

A sheet metal screw with a self-drilling point.



## Carriage Bolts

Bolts with a smooth rounded head that has a small square section underneath.



## Lag Bolts

Bolts with a wood thread and pointed tip.



## Set Screws

Machine screws with no head for screwing all the way into threaded holes.



## Shoulder Bolts

Used to create a pivot point.



## Elevator bolts

Often used in conveyor systems. They have a large, flat head.



## Socket Screws

Also known as Allen Head, are fastened with a hex Allen key.

# Head Styles



## Flat

A countersunk head with a flat top



## Oval

A countersunk head with a rounded top



## Pan

A slightly rounded head with short vertical sides



## Round

A domed head



## Hex

A hexagonal head



## Hex Washer

A slightly rounded head with short vertical sides



## Socket Cap

A small cylindrical head using a socket drive



## Button

A low-profile rounded head using a socket drive



## Truss

An extra wide head with a rounded top

# Drive Styles



## Phillips and Frearson

An X-shaped drive



## Slotted

A slot in the head



## Combination

A combination of slotted and Phillips drives.



## Square

Also known as a Robertson drive



## Torx

Specifically designed to prevent cam-out and stripped heads.



## Socket, Hex or Allen

A hexagonal hole for use with an Allen key.

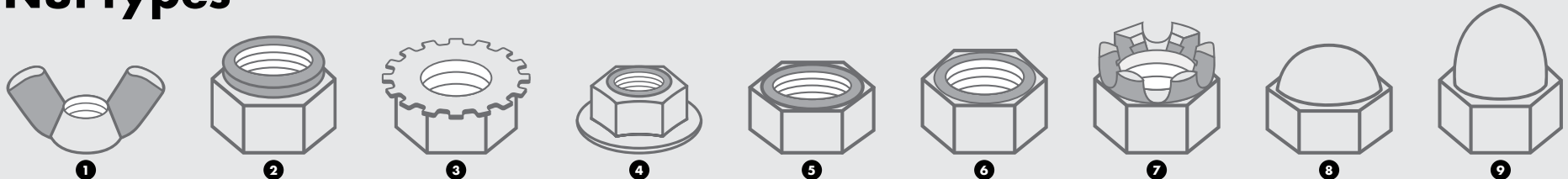


## AW Würth Exclusive!

More Power—  
Combination of  
Phillips and Torx



## Nut types



### ① Wing

A nut with 'wings' for hand tightening

### ② Nylon Insert Lock

A nut with a nylon insert to prevent backing off. Also referred to as a Nylock.

### ③ K-Lock for Kep

A nut with an attached free-spinning external tooth lock washer

### ④ Flange

A nut with a built in washer-like flange

### ⑤ Jam

A hex nut with a reduced height

### ⑥ Hex

A six-sided nut. Also referred to as a Finished Hex Nut.

### ⑦ Castle

Castle nuts are used in conjunction with a cotter pin on drilled shank fasteners to prevent loosening.

### ⑧ Cap

A nut with a domed top over the end of the fastener

### ⑨ Acorn

A high crown type of cap nut



## ASK AN EXPERT

**TANJA KRSTIC**  
HEAD OF PRODUCT DEVELOPMENT  
& COMPLIANCE

Q:  
WHY ARE SOME  
STAINLESS STEELS  
MAGNETIC?

**STAINLESS STEEL FASTENERS BEING NON-MAGNETIC IS ONE OF THE LARGEST MISCONCEPTIONS AMONGST FASTENER USERS.**

**There are five classes of stainless steel (which are ferritic, austenitic, martensitic, duplex and precipitate hardened) and only one is deemed non-magnetic (austenitic).**

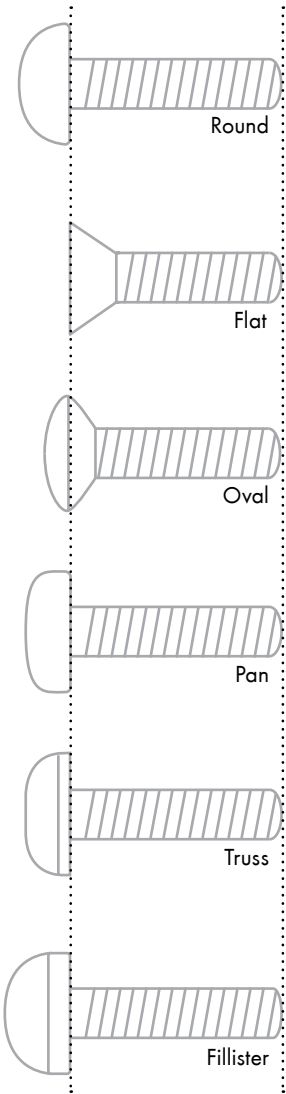
The austenitic class just happens to include the most common and universally used types of stainless steels on the market. The key to the magnetic properties of an austenitic fastener is found in its microstructure and the characteristics of that microstructure can be altered in the manufacturing process to create a degree of magnetism.

### Controlling Magnetism in Stainless Steel

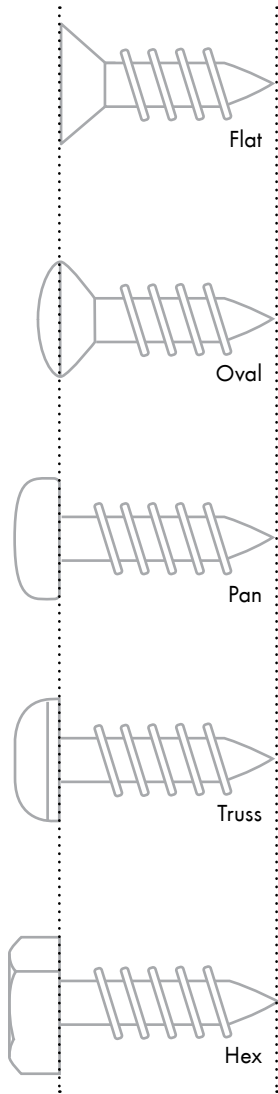
Magnetism is sometimes a factor in deciding which fastener to use. If a 100% non magnetic stainless steel fastener is required, steps can be taken to reduce the amount of cold working done to the part (thread cutting vs. thread rolling). If thread cutting is not an option, annealing the part after cold working may also serve to eliminate any permeability. Without a complete annealing treatment, a thread rolled part will never have zero magnetism. Ultimately, a balance of allowable magnetism and economic requirements must be reached in accordance with the end user.

# How to Measure Length

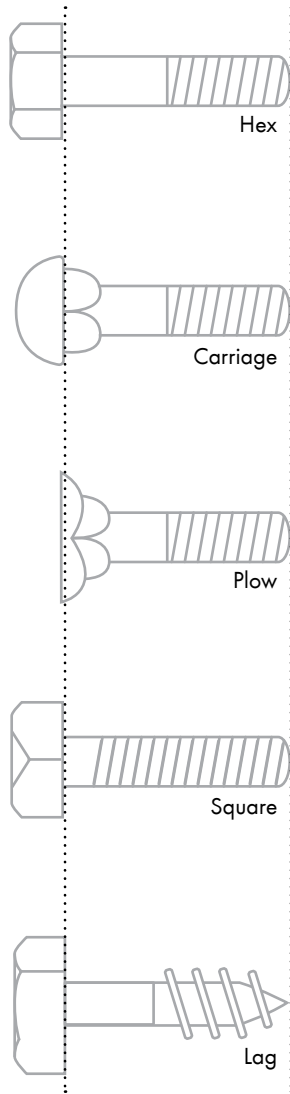
## Machine Screws



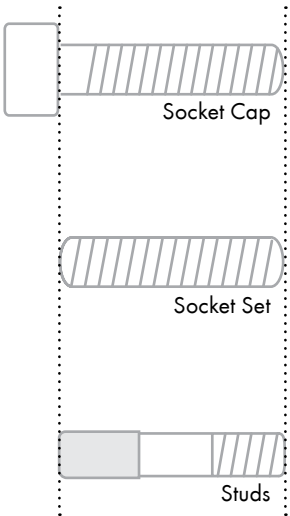
## Tapping Screws



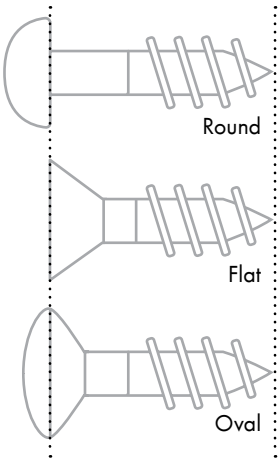
## Cap Screws & Bolts



## Set Screws & Studs



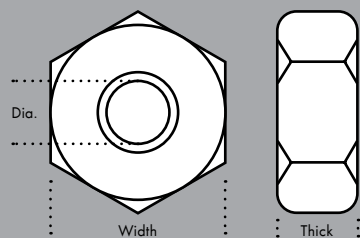
## Wood Screws





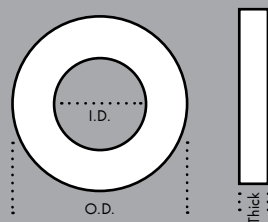
# Markings & Strength

## Hexagon Nuts

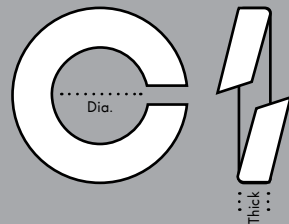


## Washers

Plain Steel Washers



Lock Washers



## IMPERIAL



### No Markings

#### Grade 2

Low or medium carbon steel

#### Nominal Size/Range

1/4" to 3/4"

Over 3/4" to 1-1/2"

#### Proof Load (PSI)

55,000

33,000

#### Min. Yield Strength (PSI)

57,000

36,000

#### Min. Tensile Strength (PSI)

74,000

60,000



### 3 Radial Lines

#### Grade 5

Medium Carbon Steel,  
Quenched and Tempered

#### Nominal Size/Range

1/4" to 1"

Over 1" to 1-1/2"

#### Proof Load (PSI)

85,000

74,000

#### Min. Yield Strength (PSI)

92,000

81,000

#### Min. Tensile Strength (PSI)

120,000

105,000



### 6 Radial Lines

#### Grade 8

Medium Carbon Alloy Steel,  
Quenched and Tempered

#### Nominal Size/Range

1/4" to 1"

Over 1" to 1-1/2"

#### Proof Load (PSI)

85,000

74,000

#### Min. Yield Strength (PSI)

92,000

81,000

#### Min. Tensile Strength (PSI)

120,000

105,000

## METRIC



### Class 8.8

Medium Carbon Steel,  
Quenched and Tempered

#### Nominal Size/Range

1/4" to 1"

Over 1" to 1-1/2"

#### Proof Load (PSI)

85,000

74,000

#### Min. Yield Strength (PSI)

92,000

81,000

#### Min. Tensile Strength (PSI)

120,000

105,000



### Class 10.9

Alloy Steel, Quenched  
and Tempered

#### Nominal Size/Range

1/4" to 1"

Over 1" to 1-1/2"

#### Proof Load (PSI)

85,000

74,000

#### Min. Yield Strength (PSI)

92,000

81,000

#### Min. Tensile Strength (PSI)

120,000

105,000



### Class 12.9

Alloy Steel, Quenched  
and Tempered

#### Nominal Size/Range

1/4" to 1"

Over 1" to 1-1/2"

#### Proof Load (PSI)

85,000

74,000

#### Min. Yield Strength (PSI)

92,000

81,000

#### Min. Tensile Strength (PSI)

120,000

105,000

## Assorted metric and standard fasteners.

Our ranges of bolts, screws, nuts, washers and much more are available in various grades, finishes and plating options.



**Metric Hex Bolts**



**Metric Flat Head Socket Cap Screws**



**Metric Socket Shoulder Bolts**



**Standard Carriage Bolts**



**Socket Cap Screws**



### Pins & Links



- ❶ **Metric Hitch Pins/R-Clips** Simple and rapid to install/remove.
- ❷ **Metric Cotter Pins** For securing castle nuts in conjunction with bolts or threaded pins with cotter pin hole.
- ❸ **Linch Pins** With pre-stressed spring washer.
- ❹ **Metric Slotted Spring Pins** Stress on bolts and pins is relieved - this allows smaller sizes to be used.
- ❺ **Spring Snap Link** Zinc-Plated.

**We strive for the highest quality in even the smallest fastener.**



1

Our Quality Management System is designed to maintain strict ISO:9001-2008 quality assurance programs.



2

We continually improve our business processes to provide the highest quality products and the best service.



3

We ensure our fasteners comply with established IFI, DIN, ANSI, ASME and ASTM fastener standards.



## Washers

① **Metric Washers**

② **Metric Spring Washers**

③ **NORD-LOCK® Lock Washers**

Prevents loosening of screw connections  
subject to lateral, vibrating loads.

④ **Metric Serrated Lock Washers**

DIN 6798, with external teeth

⑤ **Metric Split Lock Washers**



**Würth Canada offers  
you a complete line of  
fasteners and hardware  
to fit your every need.**

See our online catalogue for more at [wurth.ca](http://wurth.ca)!  
Or ask your sales Würth rep for more information!



**Can't find what you're looking for?**  
We have hundreds of products available OnDemand!





**Threaded Rods**  
DIN 976-1



**Metric External Retaining Rings**



**Standard Elevator Bolts**  
Flat oversized head · Square neck Steel ·  
Clear Zinc Plated



**Standard Socket Set Screws - Cup Point**  
The most commonly used set screw style.



**Standard Flat Head Phillips Machine Screw**



**Pan Head Phillips Sheet Metal (Tapping) Screws**



**Metric Flat Head AW Wing PIAS Drill Point Screw**



## AW drive system:



- Improved torque transmission
- Longer life
- Optimum centering
- Better mounting output thanks to fatigue-free screwing; the required contact pressure for transmission of the torques is considerably lower.
- Largest possible contact surface of bit in screw drive.
- Even force distribution prevents damaging of the surface-protection coating and thus ensures better resistance to corrosion.

## Self Drilling Screws



**Standard Pan Head Drill Point Screw**



**Standard Pan Head Square Drill Point Screws**



**Metric Hex Head Drill Point Zebra PIAS**



**We offer a full range of hexagon nuts.**

Including Regular, Nylon, Stover, Flange, and specialty



# WÜRTH ORSY SYSTEMS

**A complete storage and  
inventory control system.**

## Why ORSY?

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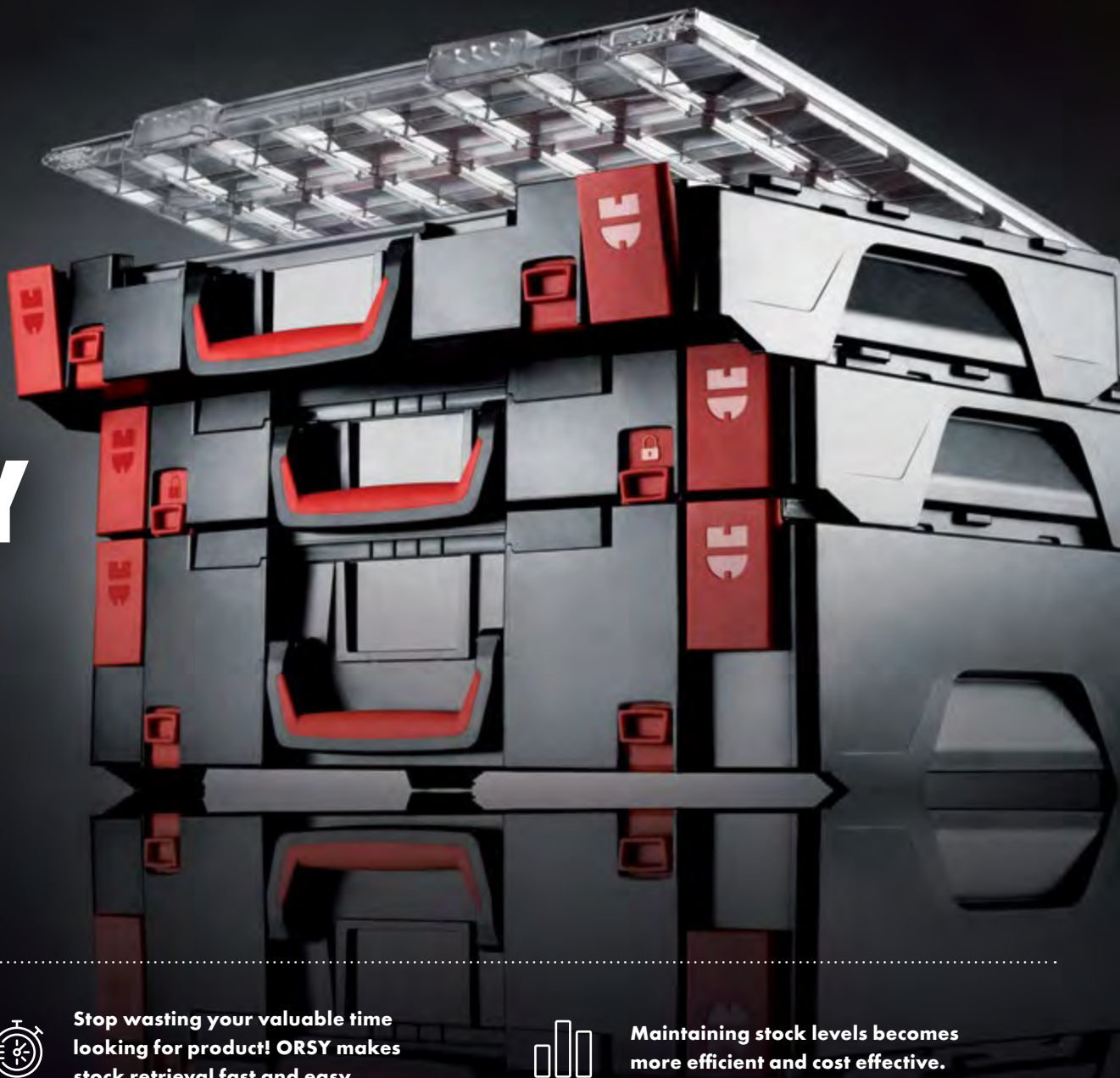
Our unique and customizable storage systems makes the most of any storage space, large or small!



Stop wasting your valuable time looking for product! ORSY makes stock retrieval fast and easy.



Maintaining stock levels becomes more efficient and cost effective.





## Metric External Retaining Ring Assortment

**1050 pieces**  
**18 assorted sizes, size range M5-M35**

For Shafts, Phosphate & Oiled Spring Steel.  
 Complies with DIN 471



## Drywall Anchor Assortment with Screwdriver and Matching Screws

**401 pieces**  
**Size range 14.5 x 33mm**



## Blind Rivet Assortment with Gun

**1000 pieces**  
**Includes 1 Zebra hand riveter.**  
**6 sizes from 3.2 mm x 8 mm to 4.8 mm x 15 mm.**







## Metric Slotted Spring Pin Assortment

1100 pieces  
12 dimensions from M2 x 20mm to M6 x 60 mm



## Metric Fender Washer Assortment

1400 pieces  
16 assorted sizes, size range M4 to M12

Steel, Zinc-plated



## Pan Head Phillips Sheet Metal (Tapping) Screw Assortment

1600 pieces  
16 assorted sizes, size range 3.5 mm to 4.8 mm

Steel, Zinc-plated, DIN 7981



Can't find what you're looking for? We have dozens of assortments available!

# Anchors & Rivets

Our line of anchoring solutions includes everything from wedge to screw anchors. Available in every popular diameter and length to suit any concrete fastening application, Würth anchors are designed to maximize safety, efficiency, and ease of installation.



## Liquid Rock 500

**A two-component, 100% solids epoxy-based system** for use as a high-strength, non-shrink anchor grouting material in solid concrete.

### Vibration resistant.

Excellent where seismic or dynamic loading are considered.



### Exceptional strength

When compared to expansion anchors. Can use fewer or smaller anchors to complete the job.



### Non-shrink, high modulus

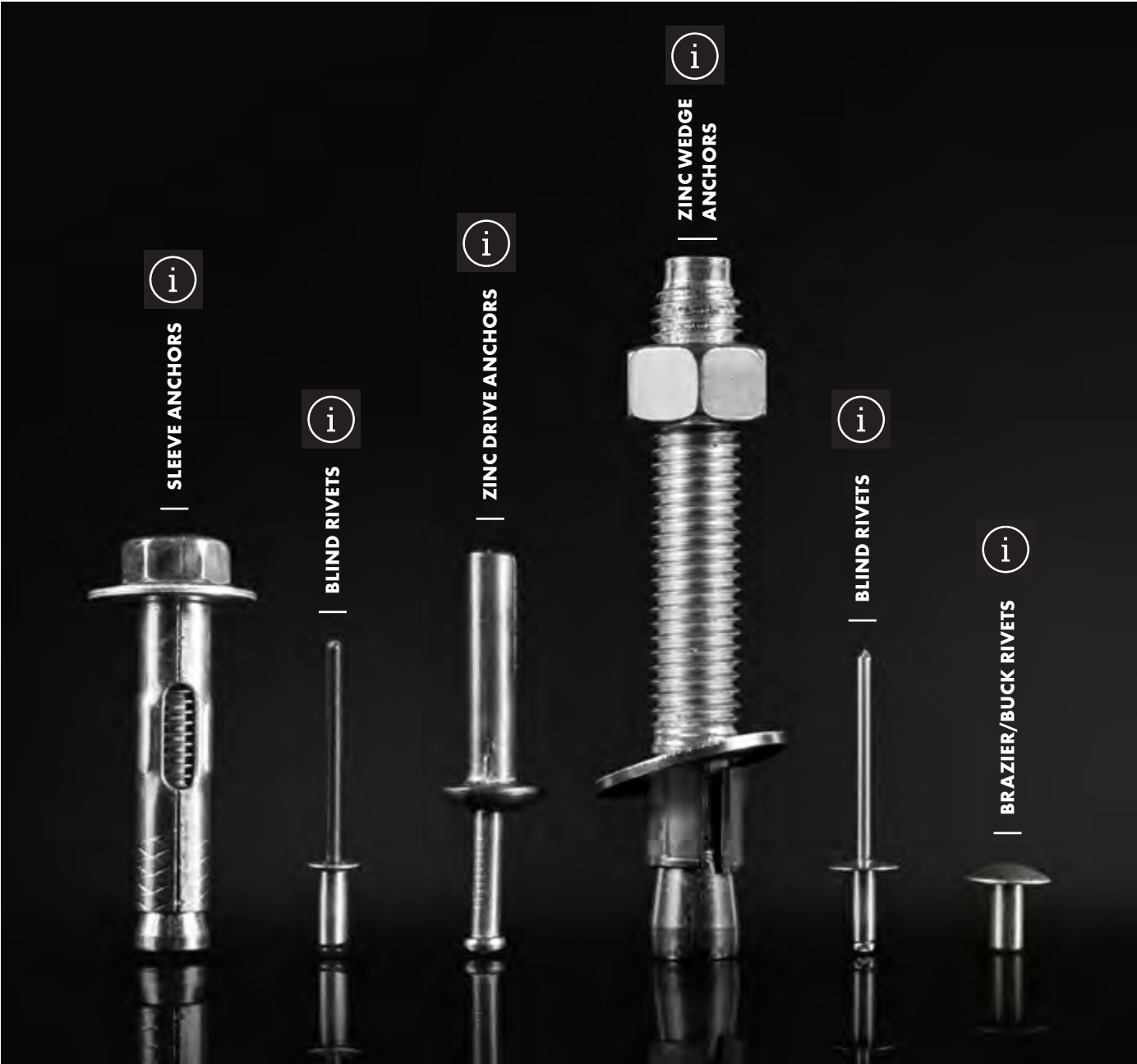
Accommodates variances in drill bits & hole sizes.



Rivnuts

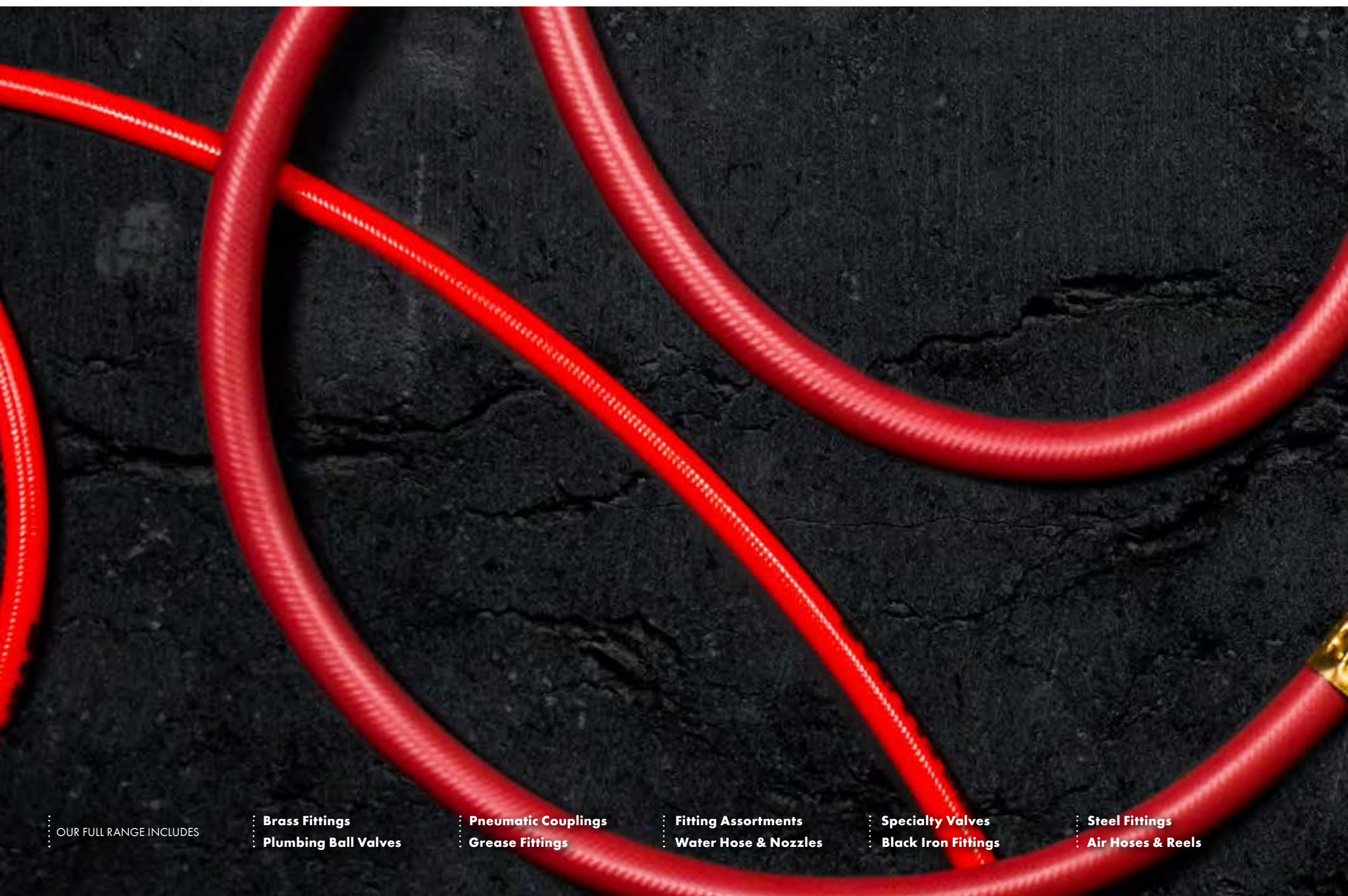


Premium Hand Held Riveter









OUR FULL RANGE INCLUDES

**Brass Fittings**  
**Plumbing Ball Valves**

**Pneumatic Couplings**  
**Grease Fittings**

**Fitting Assortments**  
**Water Hose & Nozzles**

**Specialty Valves**  
**Black Iron Fittings**

**Steel Fittings**  
**Air Hoses & Reels**



# HOSE & PIPE SOLUTIONS 07

Heater Hoses  
Tapered Caps & Plugs

Flared Fitting Plugs  
Caps & Plugs Assortment

Pneumatic Fittings  
Hose Clamps & Assortments

Pipe Clamps  
Pressure Gauges

Hose Spacers



SEE MORE ON OUR  
**NEW ESHOP**  
WURTH.CA

# Hoses

Würth Canada offers your industrial business high quality fittings, valves, hose clamps, pneumatic fittings, hoses and tubing, caps and plugs, pressure gauges, and much more!



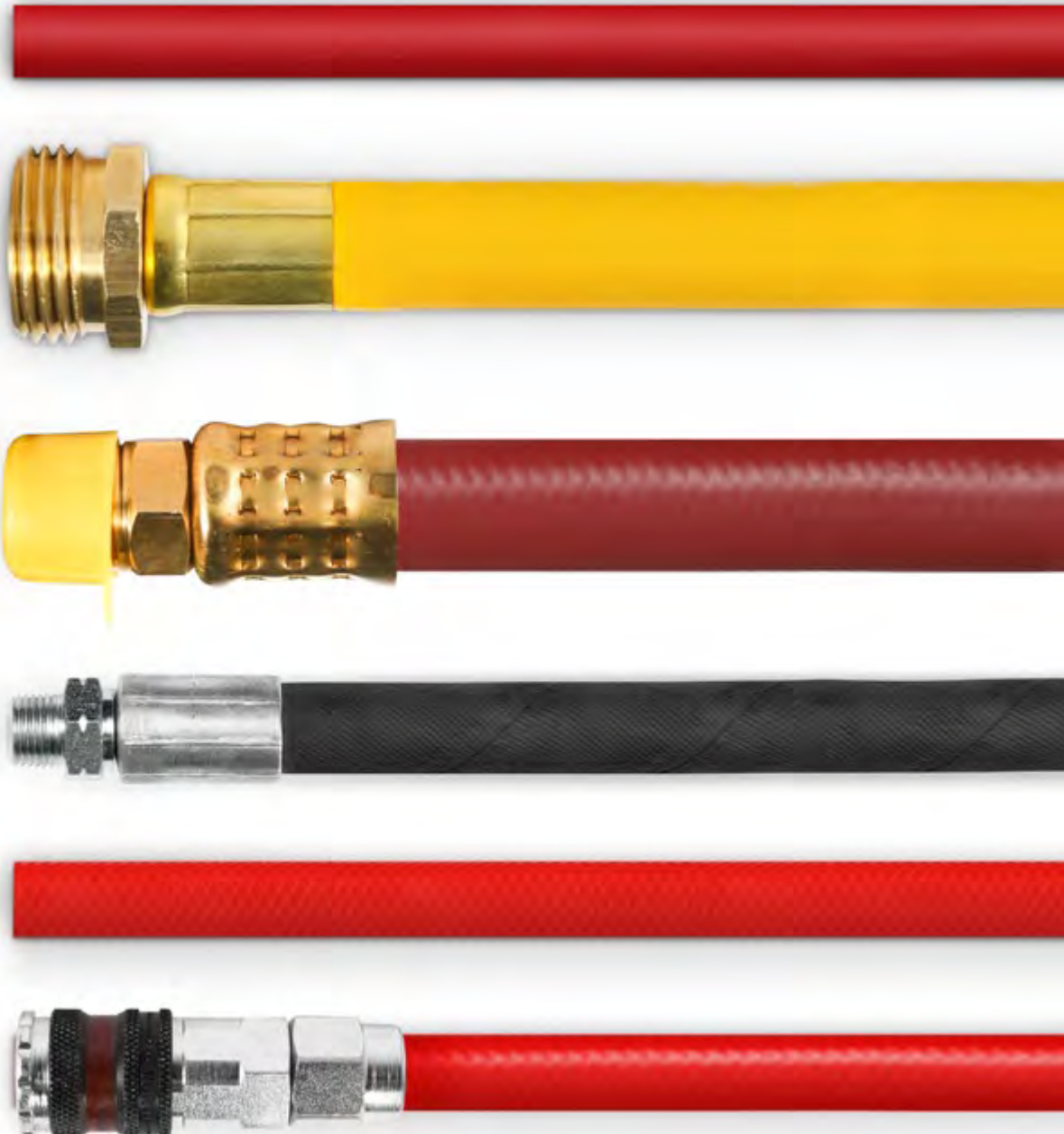
## ASK AN **EXPERT**

**VICTORIA SMITH**  
ELECTRICAL, FITTINGS & HOSES  
PRODUCT SPECIALIST

**Q:**  
MY TOOLS ARE  
STARVED FOR AIR.  
WHAT CAUSES  
THIS, AND WHAT  
IS THE SOLUTION?

**A lack of air supply is a fairly common cause of underperforming compressed air tools.** It could be the compressor or air system design, but the most likely reason is a pressure drop caused by a flow restriction in the hose and quick coupler. Our high flow air lines and couplers produce less internal friction, provide a larger volume of air to the end user and reduce pressure drop. This results in a more powerful tool and more efficient use of the compressed air produced. Their performance and durability is unmatched.

Ask your Würth rep for more information on our fittings and hoses, or see our products online at [wurth.ca](http://wurth.ca)







### PREMIUM AIR HOSE

Features **EPDM cover** and tube with high tensile spiral reinforcement



### INDUSTRIAL WATER HOSE

Heavy duty brass fittings makes this great for **industrial uses!**



### HIGHFLEX AIR HOSE

**Lightweight** with superior flexibility!

### GREASE GUN HOSE

Used with hand held **grease guns**



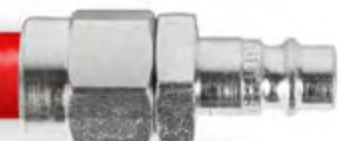
### PU COMPRESSED AIR HOSES

Considerably **lighter, more flexible and more resistant to kinking** than PVC hoses!



### SERIES 2000 FITTINGS AND HOSE KIT

**Low energy consumption** and high level of efficiency





BRASS COMPRESSION FITTINGS

## Fittings

Würth Canada offers you quality brass, black iron and steel fittings. We offer hoses and tubing as well as all of the required accessories such as O-rings, valves, hose clamps, pneumatic couplings, pneumatic fittings, caps & plugs, air hose, water hose and pressure gauges.

**Contact one of our sales representatives  
for expert product advice.**



PNEUMATIC COUPLINGS



SERIES 2000 STEEL  
PNEUMATIC FITTINGS





STEEL REUSABLE HOSE ENDS



BRASS AIR BRAKE COUPLINGS  
AND TERMINAL BOLTS



LINCOLN INTERCHANGE  
MANUAL NIPPLE







OUR FULL RANGE INCLUDES

HHS Family  
Würth Film

Cogwheel Spray  
Wire Rope Spray

Dry Graphite  
Dry Lubricant Spray

Maintenance Spray  
Multi-function Spray

Multi-purpose Grease  
SIG 3000

# LUBRICANTS & GREASE 08

· Lithium Grease  
· Food Safe Products

· Silicone Sprays  
· Cut + Cool Cutting Oils

· Wood Glide  
· Copper Anti-Seizes

· Chemical Assortments



SEE MORE ON OUR  
**NEW** ESHOP  
WURTH.CA

## Lubricants & Grease

Help reduce heat and wear between contacting surfaces by reducing the friction generated. These products often contain 90% base oil, and 10% additives such as anti-foaming agents, corrosion inhibitors and extreme-pressure additives.



**Multi-Purpose Grease II**



**Silicone Spray Grease**



**True Glide**



**Silicone Sprays**



**Cut+Cool Cutting and Drilling Oil**



**Cut+Cool Cooling  
Lubricant Concentrate**



**Copper Anti-seize**



**AL 1100**



**Maintenance Spray**



### Multi Function Spray

**5-in-1 universal product** for five different areas of use

#### 1 Penetrates rust

Excellent creeping properties ensure quick rust and corrosion penetration.

#### 2 Lubricant

Very good lubrication properties, remedies creaks and squeaks, and reduces friction and wear.

#### 2 Cleaner

Great cleaning power is ensured thanks to penetration under dirt, grease and oil residue.

#### 3 Corrosion protection

Best possible cling to metals. A thin, viscous protective film prevents moisture on even the smallest uneven spots and protects against rust and corrosion.

#### 5 Contact spray

Water and moisture displacing properties and excellent creeping properties improve electrical conductivity and remedy leakage current.





# HHS The complete lubrication solution

WORLDWIDE  
FAVOURITE!

**Our famous Swiss-engineered formula meets the toughest conditions in Canada**

Whether you need a synthetic oil with a high creep capacity for anti-friction bearings (HHS 5000), a highly-adhesive and high-pressure resistant grease for fast-running chains (HHS Fluid), or maximum corrosion protection on open steel gearwheels (HHS Lube), the HHS line is specially developed to ensure any and all lubrication needs can be met.

Each product individually meets the highest standards of quality and utility that the Würth name is known for. However, as a complete range, these outstanding products offer an ideal solution for any working professional.

Did you know? HHS 2000 is our most popular HHS product, and the HHS family is the most popular line of Würth products in the world!





OUR FULL RANGE INCLUDES

**KLEBFIX Super Glue**  
**Elastofix**

**Plastofix**  
**PVC Window Glue**

**Spray Adhesive**  
**Rubber Glue**

**Cold Wood Glue**  
**Plastic Weld Glue Kits**

**Duct Tape & Dispenser Gun**  
**Aluminum Foil Tape**

A roll of yellow adhesive tape is shown on the left side of the image. The tape is partially unrolled, revealing a white inner core with the 'WÜRTH' logo printed in red and black. The tape is set against a solid black background.

# ADHESIVES & TAPES 09

Electrical Tape  
Masking Tape

Silicone Tape  
Double-sided Acrylic Tape

Fibre Reinforcing Tape  
Foam Tape

TEFLON® Thread Sealant Tape  
Conspicuity Tape



SEE MORE ON OUR  
NEW ESHOP  
WURTH.CA



# Adhesives & Tapes

Würth carries a wide variety of specialty adhesives and tapes for any and all situations. Available in single and multi-part polymers, all adhesives meet the highest standard of quality for strength, cohesion, versatility, and convenience.



## KLEBFIX Easy Pen



In the innovative, patented Easy Pen design

- Even easier, more practical handling
- Fits ergonomically in your hand
- The base of the Easy Pen provides stable, secure support
- The lever permits easy, problem-free use without great force
- High-precision work possible
- Requires less effort from the user
- Allows the user to work longer without fatigue
- The lever presses into the softest part of the bottle, allowing the bottle to be made of hard material, to help prevent moist air from penetrating the bottle and causing the adhesive to harden



- + **High impact** and peel resistance
- + Increased **moisture** resistance
- + **Precise** dosing

KLEBFIX FLEX



- + The adhesive can be measured **precisely**
- + The nozzle does not become **clogged**
- + **Outstanding** suitability for quick repairs

PLASTOBOND






- + **Fast drying** adhesive for a variety of materials
- + **Moisture resistant**
- + **Adjustable** nozzle

Spray Adhesive



**SILICONE TAPES**



Available in   

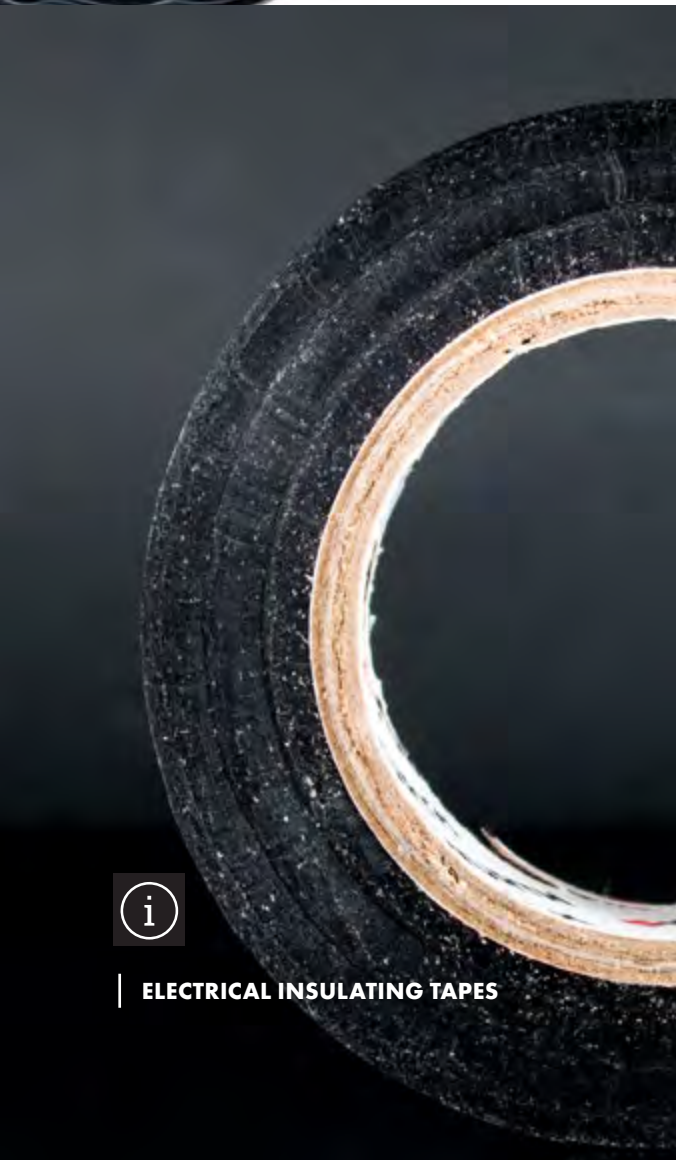


**GOLD  
MASKING TAPES**

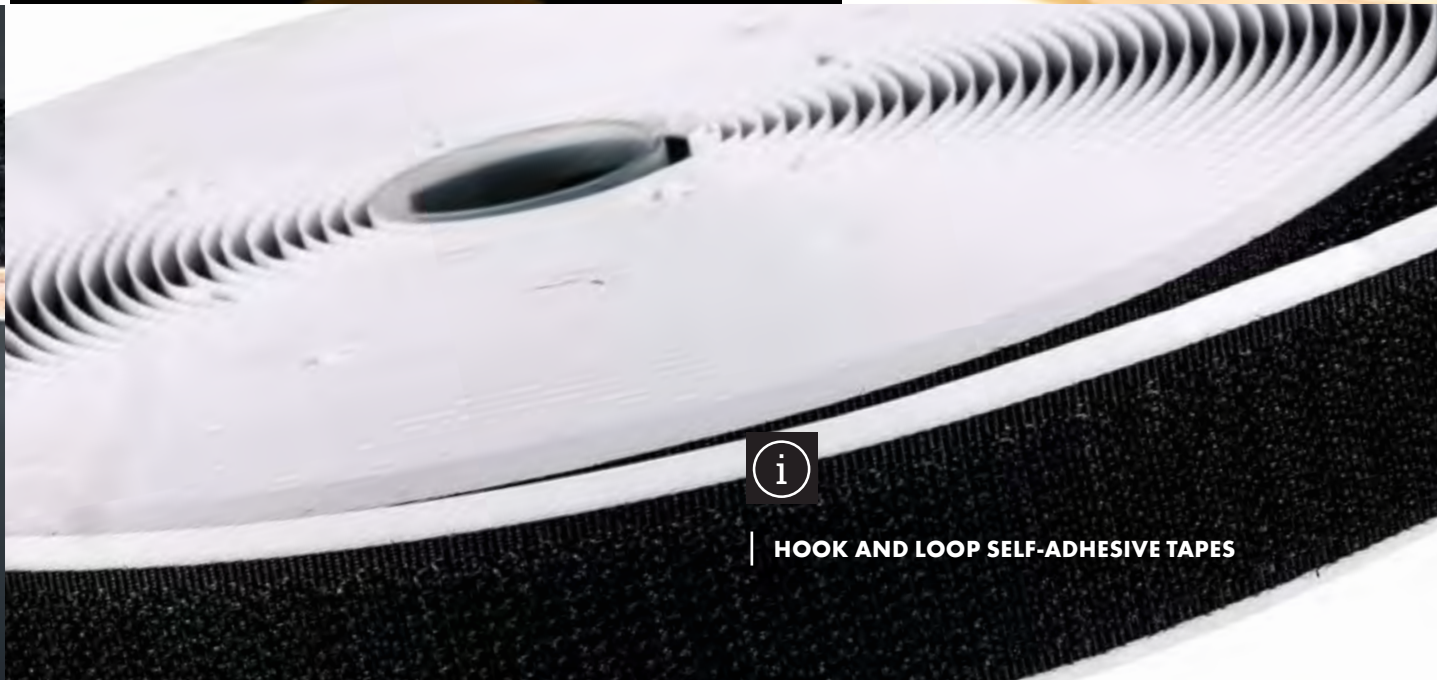
For the most  
**demanding**  
requirements!



**POLYPROPYLENE CARTON  
SEALING TAPES**



**ELECTRICAL INSULATING TAPES**






**HOOK AND LOOP SELF-ADHESIVE TAPES**



**TEFLON™ TAPES**



**DUCT  
TAPES**

Available in   





OUR FULL RANGE INCLUDES

RTV Silicone  
Würth Quick Seal

Bearing Retainer  
Hydraulic Sealant

Flange Sealant  
Pipe Sealant

Threadlockers  
Purlogic Foam & Gun

O-Rings & Assortments  
O-Ring Conditioner



# SEALANTS & O-RINGS 10



# Sealants & O-Rings

Block the leakage of noise, gases and liquids using Würth's line of patented and professional chemical sealants to improve efficiency and reduce overall energy costs. When a chemical gasket is not an option, Würth also offers a wide range of metric and imperial O-rings.



## Super RTV Silicone

High-grade adhesive and sealing compound for use with motor vehicles.

- + Has an **excellent resistance** against motor and gear oils, refrigerants, and anti-freeze
- + **Non-corrosive**, therefore no negative effects on electronic components or Lambda sensors
- + **High temperature** stability



## Pipe Sealant

Seals immediately under low pressure loads

- + Pipes can be pressurized **immediately**
- + **High resistance** to chemicals
- + Can be used in **cold weather**



## Hydraulic Sealant

For sealing screw connections in pneumatic and hydraulic systems under high loads up to the bursting pressure of the pipe or hose.

- + **Excellent resistance** to all hydraulic fluids and fuels
- + Can be applied to slightly oily surfaces, so no need for **time-consuming** degreasing
- + **Quick curing**, even at low temperatures



## Metric Rubber O-Ring Assortment

**330 pieces**

12 Assorted sizes, Size range 25 mm–43.8 mm



## Silicone O-Ring Lubricant



## Foams



### DOSABLE OUTFLOW OF FOAM

Foam outflow quantity is variably adjustable—clean spraying pattern.

### CONICAL NOZZLE

Ideal for extension tips on slim joints.

**High-quality and ergonomically shaped foam gun for applying PU foams**

### LONG SERVICE LIFE

Rugged gun body with PTFE-coated needle and threaded basket.

### OPTIMIZED SEALING SYSTEM

A seal combination eliminates the need for readjustment of the needle seal.

### RUBBERISED, ERGONOMICALLY SHAPED HANDLE

Sits securely and comfortably in the hand



### PURlogic Top

- + **Small can, large yield.**  
Foam yield up to 50 litres!
- + **Adapted to winter.** Can be used even at environmental and subsurface temperatures of -5 °C (23 °F)
- + **Seam sound damping**



### PURlogic Easy

- + **Resistant to aging**
- + **1-component installation**  
foam for easy application
- + Suitable for wells and civil engineering applications



### PURlogic Clean

- + **Cleans and removes fresh excess PU foam** from wood, metals and many types of garments.



# WÜRTH'S DOS SYSTEM



## Revolutionary single-handed measuring system

**Stop wasting your time searching for products!** With our **DOS System** all of your sealants will be ready-to-use in our handy DOS System rack. Each product is stored upside-down, which means less time and fuss spent shaking or squeezing the bottles.

The DOS System rack may be set up anywhere, such as a **work bench, on the wall or a tool trolley!**



Infinitely adjustable  
measuring system.



Consumption and costs  
are minimized due to  
precise measurement!



Storage rack enables  
upside down storage of  
bottles. Content is always  
ready to dispense without  
shaking or squeezing!





Würth  
Favourite!



## ● Threadlocker High Strength

- Well-suited for **heavy duty** screw connections
- Removable only after heating to **300°C!**
- Outstanding **resistance** to chemicals and heat



## ● Threadlocker Medium Strength

- Provides **medium strength** connections
- **Curing is assured** even on untreated parts
- Can also be applied to **stainless steel** and passive surfaces



### ASK AN **EXPERT**

**ANTHONY DEFILIPPIS**  
CHEMICAL PRODUCT SPECIALIST

Q:  
ALL WÜRTH DOS  
PRODUCTS ARE  
ANAEROBIC  
SEALANTS, SO WHAT  
DOES THIS MEAN?

**They are designed for sealing applications where a tight seal must be formed without the presence of light, heat, or oxygen.** The polymerization cure rate is highly dependent

on three major catalytic factors: surface material, temperature, and gap size. When compared to structural steel, anaerobic sealants will cure twice as fast on brass, and three times as fast on copper. In addition, these sealants will reach their final strength faster when exposed to higher temperatures. However, because these products need the absence of oxygen to cure, larger gaps will slow the polymerization rate.

**Ask your Würth rep for more information on our DOS products, or see our products online at [wurth.ca](http://wurth.ca)**



### **Bearing Retainer High Strength**

For high-strength assembly of bushings, sleeves, geared wheels, bolts, shaft and hub connections and bearings exposed to high loads.



### **Pipe Sealant with PTFE**

Seals all metal pipe connections and fittings with conical/cylindrical threads, according to DIN 2999 against most industrial liquids and gases.



### **Non-drip Flange Sealant**

No dripping or running of the material, thus ideal for working on overhead and vertical surfaces.





# PAINTS & PRIMERS 11

OUR FULL RANGE INCLUDES

High Performance Paint  
Spray Paint

Specialty Spray Paint  
Inverted Tip Marking Paint

Anti-slip Paint  
Self-Etch Primer

Metal Surface Sprays  
Paint Markers



SEE MORE ON OUR  
NEW ESHOP  
WURTH.CA



## Paints & Primers

Würth Canada is a proud supplier of automotive paint, spray paints, paint markers and self-etching primers. Our products range from high quality to premium quality, such as our premium high-solids spray paints that allow you to cover surfaces more quickly and efficiently.



All these colours and more!







New



## High Solids Enamel Paints

A superior industrial spray paint when maximum performance is required. Provides twice the coverage of conventional spray paints. Up to 18 square feet.

**G** HIGH GLOSS **S** SATIN **F** FLAT **M** METALLIC

- |                       |                          |                              |                           |                        |
|-----------------------|--------------------------|------------------------------|---------------------------|------------------------|
| ● BLACK <b>GSF</b>    | ● 1H RED <b>G</b>        | ● OLD CAT YELLOW <b>G</b>    | ● TRACTOR GREEN <b>G</b>  | ● ASTRO BLUE <b>G</b>  |
| ○ WHITE <b>GF</b>     | ● SAFETY RED <b>G</b>    | ● NEW CAT YELLOW <b>G</b>    | ● SHAMROCK GREEN <b>G</b> | ● GENIE BLUE <b>G</b>  |
| ● LIGHT GREY <b>G</b> | ● BRIGHT ORANGE <b>G</b> | ● SCHOOL BUS YELLOW <b>G</b> | ● SAFETY GREEN <b>G</b>   | ● SAFETY BLUE <b>G</b> |
| ● GREY <b>G</b>       | ● SAFETY ORANGE <b>G</b> | ● TRACTOR YELLOW <b>G</b>    |                           |                        |
| ● DARK GREY <b>G</b>  |                          | ● OSHA YELLOW <b>G</b>       |                           |                        |
| ● ALUMINUM <b>M</b>   |                          | ● SAFETY YELLOW <b>G</b>     |                           |                        |

**10 MINS**  
TOUCH TIME

**30 MINS**  
TACK FREE

RECOAT BEFORE **1 HOUR** OR AFTER 48 HOURS

## HIGH-HEAT PAINTS



A heat resistant spray paint designed to withstand extreme temperatures up to 650°C (1200°F). Creates a porcelain-like bond at high temperatures. Resists peeling, loss of adhesion and blistering.

- BLACK **F**
- WHITE **F**
- ALUMINUM **M**

**20 MINS**  
TACK FREE

HARD CURE: MUST BE HEATED TO 205 °C FOR TWO HOURS\*

\*Curing time varies with temperature, humidity, and coat thickness

## NEW & IMPROVED!

We've tested and improved our existing range of paints and we're excited for you to try them!

### Here are some benefits!

-  **Higher fill weight and a 35% higher yield!**  
Provides **4x** the coverage of conventional spray paints.
-  Our general use spray paints now have **360° nozzles!**
-  **Improved drying time!**
-  **No more clogged cans** or paint that drips!
-  **Excellent durability** and overall performance!

## INVERTED TIP MARKING SPRAY PAINT

Creates vivid lines with a non-clogging and fast drying formula. Safe on grass and easy to aim with low over-spray.

- FLUORESCENT ORANGE
- FLUORESCENT RED/ORANGE
- FLUORESCENT PINK
- PRECAUTION BLUE
- HIGH VIS YELLOW
- HIGH VIS WHITE

**15 MINS**  
TOUCH TIME

## PERFECT METAL SURFACE SPRAYS

Outstanding long-time protection and optimum metal surface appearance.

- ZINC SPRAY PERFECT 99%
- ZINC SPRAY LIGHT PERFECT 98.5%
- ALUMINUM SPRAY MATTE PERFECT
- STAINLESS STEEL SPRAY PERFECT
- BRASS SPRAY PERFECT
- COPPER SPRAY PERFECT
- ALUMINUM SILVER SPRAY HIGH-GLOSS PERFECT

**+ High layer thickness in 1st spray pass.**  
Minimal time required, as only one work step necessary.

Corrosion protection after **240 hours** of salt



**ZINC SPRAY  
LIGHT PERFECT**



COMPETITOR'S  
PRODUCT



## ANTI-SLIP PAINT

Slip-resistant paint to prevent slips and falls on wet or dry surfaces. Use on metal, wood, concrete, masonry, asphalt, floors, walkways, ramps, stairs, grab bars, ladders or anywhere an anti-slip coating is needed.

- YELLOW
- BLACK
- CLEAR



Try this on your  
favourite tool  
handles!



## GENERAL USE PRIMER

A fast drying spray primer for maximum rust protection and adhesion. Provides excellent corrosion resistance and long-term durability of finishing topcoats.

- LIGHT GREY



## HIGH SOLIDS PRIMERS

A rust-proof industrial primer formulated specifically for use with High Solids Enamel Paints. Provides excellent corrosion resistance and long-term durability of finishing topcoats.

- LIGHT GREY
- RED OXIDE



## ZINC RICH WELD THRU PRIMER



Protects steel from corrosion by sacrificial or galvanic action. When applied to metal surfaces prior to MIG or spot welding, the zinc melts and fuses to the surface of the steel, reducing the formation of rust and rust creeping.



## BRIGHT MARK PAINT MARKERS

Excellent for identifying inventory, assemblies, tools, finished products or works-in-progress. Marks metal, rubber, plastic, glass, concrete, leather, stone, wood, vinyl and more.

- BLACK
- BLUE
- GREEN
- RED
- YELLOW
- WHITE



## SUDZ-OFF PAINT MARKERS

Detergent removable marker for water resistant temporary writing. No "ghosting" when paint is removed.

- YELLOW
- WHITE

**+ Valve action mechanism** prevents paint in barrel from drying!



**New**

## Micro Brushes

For precision application of paints, oils, glue or solvents.



This also works great with our  
**Stabilant 22A, Contact  
OL and Dielectric Grease**





# RUST RELEASE & PROTECTION 12

OUR FULL RANGE INCLUDES

**Rost Off**  
**Rost Off Ice**

**Rust-Stop Quattro**  
**Rust-Stop Primers**

**Zinc 300**  
**Rust Converters**

**Anti-Corrosion Sprays**  
**Anti-Rust Coatings**



SEE MORE ON OUR  
**NEW** ESHOP  
WURTH.CA

### CRACKING EFFECT

When the surface of the material is cooled down to  $-40^{\circ}\text{C}$ , microscopic cracks appear in the layer of corrosion at the joints, and these cracks break up the rust and therefore ensure better penetration by the active substance.

### PHENOMENAL CAPILLARY ACTION

Superior creeping properties combined with the cracking effect ensure excellent penetration.



2

1



**Easily loosen badly rusted-on and oxidized screw connections** with Würth's line of high-quality, high-performance rust releasers. These products provide superior capillary action for outstanding penetration, and contain rust inhibitors to protect against any further corrosion.

### EXCELLENT WATER DISPLACEMENT

### HIGH CAPILLARY ACTION

Optimal creep properties result in high level of penetration for even the most stubborn, rusted-on screw connections.

### OPTIMALLY DISSOLVES RUST

Gets under rust and loosens seized screws and bolts.

## Rust Release & Protection

Würth Canada offers you the best in rust proofing, rust conversion and rust removal products for releasing rusty and oxidized fasteners on cars, trucks, agricultural and construction machines, equipment and devices. Our rust release and rust protection products, such as Rost Off and Rost Off Ice, are trusted by mechanics and technicians all over the world.

❶ Rost Off, ❷ Rost Off Ice, ❸ Rust-stop Quattro, ❹ Rust-stop Primer, ❺ Zinc 300, ❻ AL 1100, ❼ Anti-corrosion Spray



Our zinc sprays provide a protective layer of **active cathodic metal particles** to inhibit rust and prevent corrosion. Improve the lifetime of your products considerably against weather and salt with outstanding long-term protection and easy repair of existing galvanized surfaces!







# WELDING 13



OUR FULL RANGE INCLUDES

**Welding Spray**  
**Protective Paste & Spray**

**Welding Rod**  
**Fixing Clamp Set**

**Chipping Hammer**  
**Oxy-Acetylene Lighter & Flint**

**Micro-Grip Welding Clamp**



SEE MORE ON OUR  
**NEW ESHOP**  
**WURTH.CA**

## Welding

Würth Canada offers high quality welding supplies from welder's masks, welding rods, welding spray, welding paste, welding tools and micro-grip welding clamps.

### Protective Welding Paste and Spray

This Protective Welding Paste and Gel are used in the prevention of heat transfer on any metal from one point to another.

- Recommended for use on any metal, to prevent heat transfer between contact points
- Provides temporary fire retardant properties
- Protects painted and sensitive surfaces from damage during soldering, brazing or welding



100% Biodegradable +



### Welding Spray

Ecologically friendly welding protection spray, prevents the welding injector and the weld tip from tacking to the work surface.

- Silicone-free, therefore will not affect lacquer, galvanizing, chrome plating, etc.
- Protects the work piece as well as the welding torch nozzle against adhesion of weld material
- The spray is an additional corrosion protector

+ Environmentally safe







**Micro-grip Welding Clamp**



**Fixing Clamp Set**



**Spring Handle Chipping Hammer**



**Automatic Welder's  
Helmet WSHII 9-13**



Rugged split-grain  
cowhide for  
**strength and  
durability**

### Welder's Gloves

- Cotton fleece lined palm for additional protection in heat applications
- Weltd seams and pulse protector for additional reinforcement and protection
- Gunn cut design has seams set away from the working area of the hand for a comfortable wear and wing thumb for flexibility
- Gauntlet style cuff provides additional wrist and forearm protection

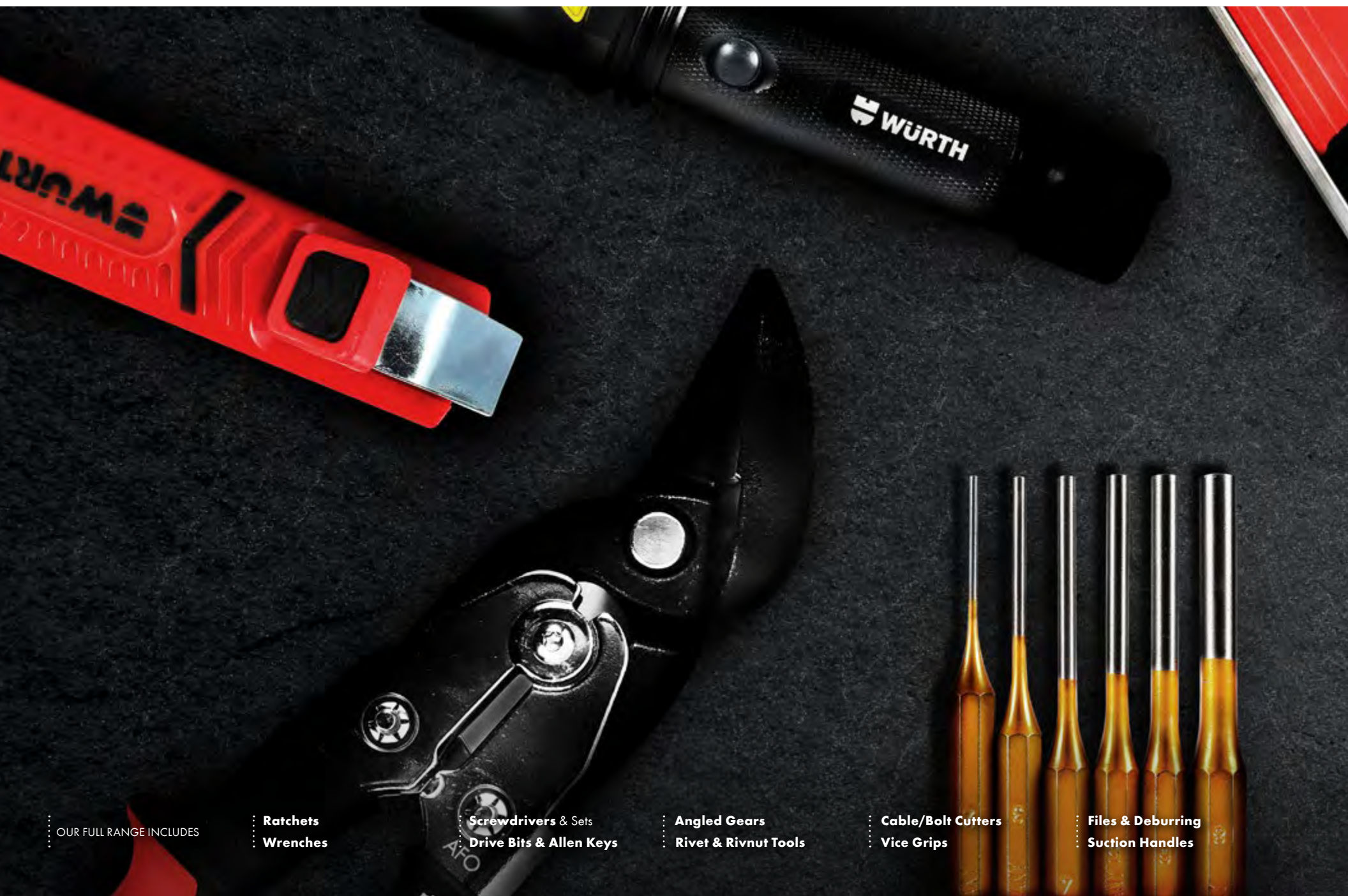
## Welding Rods



- + **Very easy to strike** and has an extremely stable arc giving it excellent operator appeal
- + Welds **exceptionally well** on small, utility-type welders

**...and don't forget the tools!**

We have a full range of tools for all your welding needs.



OUR FULL RANGE INCLUDES

Ratchets  
Wrenches

Screwdrivers & Sets  
Drive Bits & Allen Keys

Angled Gears  
Rivet & Rivnut Tools

Cable/Bolt Cutters  
Vice Grips

Files & Deburring  
Suction Handles



# GENERAL TOOLS 14

Pneumatic Grinders  
Impact Wrenches

Pneumatic Tool Oil  
Air Combs

Heat Guns  
Electric Angle Grinders

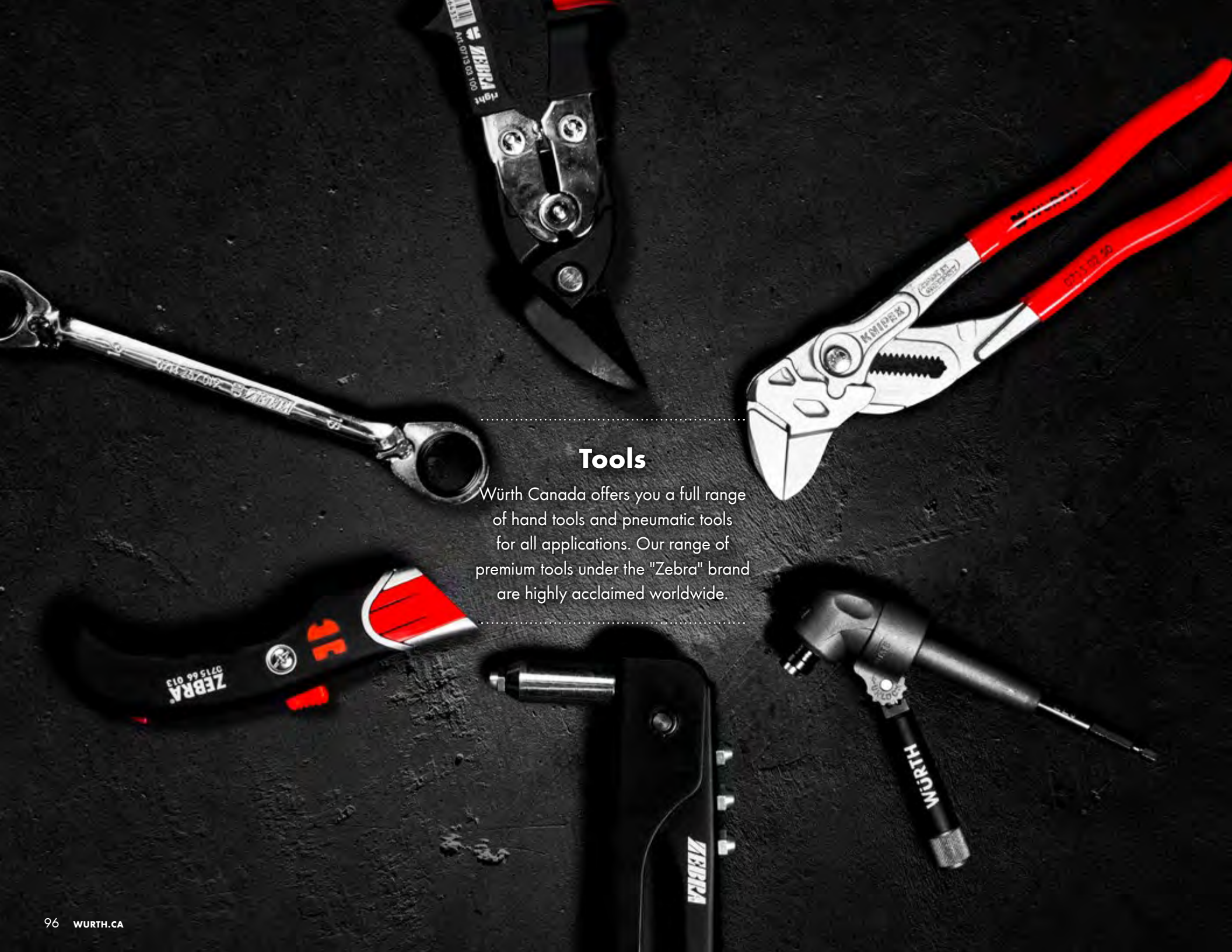
Electric Polishers  
Measuring Tape

Vernier Calipers  
Pump Spray Bottle 360°



SEE MORE ON OUR  
NEW ESHOP  
WURTH.CA





## Tools

Würth Canada offers you a full range of hand tools and pneumatic tools for all applications. Our range of premium tools under the "Zebra" brand are highly acclaimed worldwide.



## ASK AN **EXPERT**

**DAVID "DODI" MIRIE**  
TOOL & LIGHTING PRODUCT SPECIALIST

Q:  
THE WÜRTH  
ERGOLIGHT  
FEATURES COB  
LIGHTING.  
WHAT ARE THE  
BENEFITS OF  
COB LIGHTING?

**Chip on board (COB) lighting is still relatively new, but you may have already seen more and more products constructed using the COB technique.**

Compared to traditional LEDs, COB lighting is basically multiple LED chips bonded directly together on a ceramic or aluminum substrate to create a single module.

What does this mean for you? Because COB lighting is made up of several sources of light, you get more lumen output per square inch compared to traditional LED lighting. Furthermore, because of the ceramic/aluminum bonding and reduced components, there is a more efficient heat transfer, which will help your light be used to its full potential.

**Ask your Würth rep for more information on our lights, or see our products online at [wurth.ca](http://wurth.ca)!**

**New**

## Würth Ergolight Pro

New Circuit On Board (COB)  
Technology Lighting

- Extremely high output and intensity
- Very wide lighting angle
- Better visibility and coverage
- Torch function
- Longer-lasting rechargeable battery
- Convenient and easy to use

**new**



**Want more options?**

**Check out our other lights on our new eSHOP!**

**Rechargeable Metal LED Lamp**



**New LED Pocket Light**



**Work Light with 40' Reel**



## Popular Sets



**Set of flexible ratchet ring wrenches 6 pcs**



**Universal bit set with extensions 105pcs**



**Revolver LED Screwdriver 37 pcs**



**T-Handle Assortment 21 pcs**



**STRONG SPRAY  
STREAM**

**ERGONOMIC, ROBUST  
PUMP SPRAY ATOMIZER**

**MARKABLE LABEL**

**New**

## Pump Spray Bottle 360°

Special intake system allows 360° spraying and ensures reliable working overhead, at an angle or vertically.

- Fatigue-free working thanks to low operating force
- Good stability thanks to conical shape
- Easy filling from canisters or drums
- Easier to open, thanks to non-slip grip
- Space for labeling the type of liquid filling
- Extra fields for safety instructions



**Heavy Duty  
Caulking Gun**



**Files 5 pcs**



**Magnetizer/  
Demagnetizer**



**Pipe Cutters Compact**

- + Impact-resistant design
- + Cutting wheel quick-change system, adjustable without tools



**Set of Pin punches**

### Featured Product

## Safety Knife

- Blade changed in seconds without tools thanks to magnetic retainer.
- Ergonomic, non-slip two component handle.
- Includes one bi-metal trapezoidal blade.
- Flexible yet unbreakable blade under normal working conditions



- + Integrated blade magazine for five blades





**1** Sheet Metal Shears; **2** Waterpump Pliers ; **3** Vice-grip Pliers; **4** Clamping Wrench; **5** 30" Bolt Cutter

## Upgrade your toolbox

Choose from a large selection of top-quality, professional hand tools to get the job done.



## The brand name for our highest quality products

Many of our products are branded with the ZEBRA® mark. This means the tool offers the highest degree of ergonomics and efficiency.

**ZEBRA®**



### Set of 5 Pliers

All the pliers you need in your daily work in one set. Perfect for all applications and industries.

+ Handles with **textured** surface



### Suction Lifter

Fast and efficient working thanks to a one-hand operation and quick suction.



### Single Hand Suction Handle



**2K handle** for a better comfort +

### Angled Combi Pliers

A multi-functional plier that allows many applications in countless fields!



**Great for** gripping, securing and bending +

### Angled Flat Round Pliers

A nose tip plier for those hard to reach areas!



**EXCELLENT SPEED CONTROL**

**LONGER SERVICE LIFE OF THE BRUSHES**

## DBS 3600 Compressed Air Brush Grinder



**Time saving system for removal of under body protection, sealing compounds, paint, rust and film.** Particularly well suited for cleaning weld beads during repair work, paint and rust removal for all bodywork areas, as well as removal of protective paint from repair panels.

- Flexible belts with high performance polyamide fabric backing and U-shaped spring steel wires adapt well to edges and contours.
- High quality components.
- Compact, slim design for access to difficult areas.
- Auxiliary handle equally suited for right or left-handed work.
- No heating up of treated areas.
- No smearing or loading of the tool.
- Significantly faster work progress.
- Versatile application possibilities due to various brush types.



NEARLY  
VIBRATION-FREE



LONG SERVICE LIFE  
AND OPTIMUM  
CENTER OF GRAVITY

## 1/2" Impact Wrench

Reliable, powerful impact wrench with fast torque build-up.  
Rugged and well balanced unit featuring an aluminum housing.



1/4" Medium  
Die Grinder



Pneumatic Angle  
Grinder DWS 115



Pneumatic Rivet Gun



Increases tool  
performance!



### Pneumatic Tool Oil

Lubricate, clean and protect your pneumatic tools.

- Minimizes corrosion by repelling air line moisture.
- Removes dirt, dust and gummy deposits.
- Compatible with all piston and rotary type air tools.

Extends tool  
operating life

## Measuring Tools



Digital Vernier Caliper



Measuring Tape



Infrared Laser Thermometer



Water Levels







OUR FULL RANGE INCLUDES

**Battery Terminal Protection**  
**Battery Terminal Grease**

**Temperature Reduction Spray**  
**Stabilant 22A**

**Dielectric Grease**  
**Contact Cleaners**

**Würth Duster**  
**Battery Cable**

**Wire**  
**Crimping Tools**

# ELECTRICAL 15

• Cable Ties  
• Cutting & Stripping Tools

• Heat Shrink Tubing  
• Grommets

• Relays & Fuses  
• Lugs & Assortments

• Connectors & Terminals  
• Deutsch Connectors

• Solder, Slugs & Tools  
• Batteries



SEE MORE ON OUR  
**NEW** ESHOP  
WURTH.CA





- 1 Würth Duster; 2 Contact Spray;  
 3 Dielectric Grease; 4 Contact SW;  
 5 Contact SL; 6 Contact OL; 7 Contact OS



## Electrical Range

Würth Canada offers many innovative solutions for your electrical wiring needs. Whatever your installation preference: crimping, soldering, or both; we have the right product for you. We offer a complete line of sealed heat shrink connectors, terminals, quality heat tools and crimp-style installation tools.



**Würth Canada offers a full range of batteries.**



From industrial use, lithium, block batteries, and button cell batteries.





1 Uninsulated/Insulated Crimping Tool Q60 Plus; 2 Electrical Insulating Tapes; 3 Cable Stripper; 4 Assorted Heat Shrink Connectors; 5 Industrial Batteries; 6 Coloured Cable Ties

## High Voltage

We also offer a wide variety of heat shrink tubing and wire in a variety of different colors, battery cable, solder, tapes, wire ties, grómmets, wire loom, fuses, batteries, bulbs and much more.





Feature Product

## Non-Insulated Wire Strippers

Stripping is possible even in those hard to reach places with our narrow jaw design!



+ Great flexibility!



Premium SXL Wire

+ Resists abrasion, fuel, oil, acid and salt



PVC Coated Primary Wire

+ Fine stranding makes it **more flexible** than standard battery cable



Premium or Standard Battery Cable

### Lugs

Great for general wiring as well as starter or ground connections!



### Deutsch Connectors

Common contact system utilizes common tooling



Split Wire Loom

+ Constructed of heavy duty polyethylene which is resistant to various elements including oil and gas.



ASK AN **EXPERT**

**VICTORIA SMITH**  
ELECTRICAL, FITTINGS & HOSES  
PRODUCT SPECIALIST

Q:  
HOW I CAN PREVENT COSTLY AND DIFFICULT TO DIAGNOSE ELECTRICAL PROBLEMS?

help keep moisture out of the system. Protect exposed connections with Contact SL, a clear spray lacquer that seals and keeps out moisture. Various sealing tapes and Brushable Electrical tape will get into areas that regular shrink tube can't. Our unique shrink braid sleeve conforms to varying shapes while providing outstanding abrasion resistance.

**Protecting your electrical system from corrosion, vibration and abrasion is key**, especially with Canada's harsh climate. Using heat shrink tubing with high flow adhesive and the right sealed electrical connectors will



+ **Connect. Solder. Seal. In one easy step!**

**We have a complete line of heat shrink connectors. Ask your rep, or see our full line on our new eShop!**





# TOOL STORAGE & WORKSHOP SYSTEMS 16

OUR FULL RANGE INCLUDES

**ORSY**  
Tool Cabinets

**Chargers**  
Jump starters

**Battery Testers**  
REFILLomat

**Biomatic**



SEE MORE ON OUR  
**NEW ESHOP**  
WURTH.CA



# ORSY

ORGanization SYstem

Our modular system of racks, bins, and cabinets are totally customizable to your most specific requirements. The configuration and design is built to suit your business!



**5 Drawer ORSY Rack**  
Drawers sold separately



**Domestic Hose Dispenser Rack**



**Wire Tie Holder**



Store wire ties in their **original bags** to prevent them from becoming brittle!



**DOS Rack with 14 compartments**



**Threaded Rod Rack**



**Aerosol Cabinet**



**Wire Spool Rack**

## Compartment Bins



**36 Compartment Bin**



**32 Compartment Bin**



**40 Compartment Bin**



# NEED ORGANIZATION ON A BIGGER SCALE?

Our highly flexible **ORSY MAX** racks and **KANBAN** system are a proven solution for high production needs.

ORSY MAX is a larger version of our popular ORSY drawers, allowing you to keep a greater volume of supplies to keep up with the most demanding work sites.

Our KANBAN system of ORSY MAX is a multi-bin capacity option, which monitors the demands for replenishment.

## Not sure what ORSY system would work best for you?

Our qualified Sales Reps will work with you to set up the optimal strategy for your business, and work out a replenishment cycle based on your individual needs.

All set up and maintenance work is done by us, so you can get back to doing what you do best!



## Craving Space.

Würth storage systems is a combination of refinement, efficiency, and quality. Whether it's for your parts store or your workshop, our wide selection of robust high end products will meet all your needs, and much more. And thanks to of their unique design, you can save up to **70%** of the space usually taken by regular shelving units.



**5 Drawer Cabinet**



**7 Drawer Cabinet**



**10 Drawer Cabinet**



### Looking for Mobility?

Our X SERIES® is the ideal opportunity to have your own mobile work area! Having all of your tools at hand at all times is synonymous with efficiency and productivity.

### From coast to coast, our high capacity drawers are the reference in terms of robustness and reliability.

With 440 pounds of capacity **per drawer**, we offer you the industry's toughest standard, thereby giving you the opportunity to organize your heaviest tools and parts.



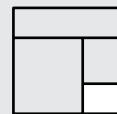
Losing on productivity? By walking and searching less, you will be able to increase your productivity by up to **25%!** Which means faster services and happier customers.



WÜRTH 70<sup>TH</sup> ANNIVERSARY **X SERIES**

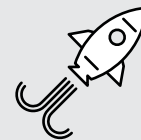
Also available in our signature Würth Red!

## What makes the Würth difference?



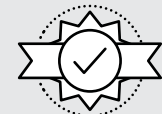
1

**Our cabinets are entirely modular.** Each drawer comes with adjustable compartments.



2

**Integrated NASA technology.** Würth is proud to integrate Delrin wheel bearings in the making of its ultra-high capacity rail systems (440 lbs). Our rail systems surpass all industry standards.



3

**All our cabinets come with a lifetime guarantee.**





**THE FLUID REMAINS  
CLEAN AND REQUIRES NO  
DRAINAGE OR RECYCLING!**



**Featured Product**

## Biomatic Parts Washer

**Portable solvent-free degreasing system for mechanical and brake parts that is safe for the user and the environment.**

- The perfect combination of simplicity, robustness and mobility
- Manual off/on flow control with toggle switch
- User regulated flow control to flexible tap or ergonomic brush

**Non-flammable,  
non-explosive.**



**Non-polluting and  
no emission of V.O.C.**



**Does not require recycling  
or destruction of the fluid.**



## Digital Battery and System Testers



The **BA9 Tester** provides accurate assessment of both charged and discharged batteries (down to 7 Volts) and features a variety of safety features, including reverse polarity and over-voltage protection, to make testing safer for the operator and equipment being tested.



## REFILLOmat® System

**Take advantage of significant savings and cut down on your carbon footprint by replacing regular aerosol cans with a Würth REFILLOmat®!**

Like an ordinary aerosol can, a REFILLOmat® can sprays in every direction, and gives you the look, feel, and pressure of an aerosol can at a reduced cost, with no dangerous propellants.



Available for our popular **Brake and Parts Cleaner** and our **Eco Window and Glass Cleaner**



**The REFILLOmat system minimizes can garbage and waste,** thus reducing negative environmental effects.



**Combine the ease and convenience of an aerosol** with the cost savings of bulk into one innovative system.



**Charging takes just 7 seconds,** while refilling the can with the right amount of propellant



The **BA327 Tester** comes equipped with an integrated printer, temperature compensation, multilingual operation, back-lit display, extra long 10' leads and counter to track tests performed.





**SIS™** Supplemental Invoicing & Inventory Management System

"GENERATE ACCURATE REPAIR ORDERS, PROFESSIONALLY AND EFFICIENTLY"

**Würth Canada SIS is a simple and powerful solution** for cost recovery, inventory management and inventory control. Immediately increase your business's productivity and profitably with SIS.

#### Advantages

- **Create and edit** repair orders, invoices and purchase orders.
- **Track part numbers and inventory** easily on the SIS Website and know when you need to reorder.
- **Track the costs and amount of products** used by each technician on each job.
- Track tools with the **Tool Check In/Check Out** feature.



## Jump Starters



**Perfect for a variety of professional starting environments.**

#### Built-In Charger

The ultimate in convenience, it never gets lost. Features fully automatic charging, allowing the unit to be kept in an always ready state.

#### Battery Volt Gauge

Provides accurate, detailed state of battery charge.

#### Industrial Grade Clamps

High tension clamps penetrate corrosion on battery terminals for maximum power transfer to the vehicle's battery.

**ONLY THE BEST  
PRODUCTS DESERVE A  
PLACE IN YOUR TOOL BAG**

★ ★ ★  
HIGH QUALITY  
MADE IN THE NETHERLANDS



**WHAT'S IN THE "PLUS"?**

360° SPRAY NOZZLE  
GETS INTO TOUGH TO REACH AREAS

UNIQUE FORMULATION  
OPTIMUM CLEANING WITH FAST EVAPORATION

POWERFUL PROPULSION  
INSTANTLY REMOVES GREASE, DIRT, AND OILS