



METALWORKING SOLUTIONS DESIGNED TO HELP YOU WORK BETTER

PRE- AND POST-WELD TREATMENT | CUTTING | GRINDING | BLENDING | SANDING | FINISHING
BRUSHING | POWER TOOLS | PERSONAL PROTECTION EQUIPMENT | LUBRICATING
DEGREASING | CLEANING



HELPING METALWORKERS SINCE 1952

WALTER Surface Technologies has been providing metalworking solutions to industrial professionals with the ultimate goal of helping them work better. Our solutions help organizations lower their overall cost while improving the safety and efficiency of their metalworking processes.

We are committed to providing high-performance solutions for the metalworking industry such as: a wide range of abrasives, a complete portfolio of tooling, PPE, power tools, environmentally friendly industrial strength cleaners and degreasers, and so much more. Over the past 70 years, WALTER has helped thousands of customers and continues to develop new innovative solutions and programs designed to improve safety and increase productivity.

This encompasses our Bucket Program, Productivity Reports, Safety Seminars and Product Demonstrations – all designed to help our customers work better and safer. We continuously improve our customer support capabilities so that we can continue to help workers around the world.

WALTER takes this seriously, which is why it's part of the company's mission to improve worker health and safety conditions, protect the environment, and reduce waste and operating costs.



PARTNERSHIP IN PRODUCTIVITY PROGRAMS

CHEMICAL AUDITS AND PROCESS OPTIMIZATION

Increased productivity and safety through professional audits

Walter technicians analyze your contaminants and cleaning processes and recommend ways to improve efficiency and productivity. We provide a detailed cost analysis report to help you make informed decisions. Our representatives are trained professionals ready to listen. They make suggestions, demonstrate products, and let you see for yourself how well Walter products work. Chemical audits help consolidate product requirements and optimize inventory.



SAFETY SEMINARS AND INDUSTRY TRAINING

Because health and safety are top priority

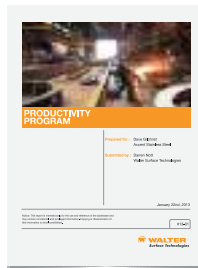
As an addition to Walter's value-added services, we offer FREE Safety Seminars to encourage a safer work environment. Whether it is the Abrasives Safety Seminar or the Chemical Safety Seminar that you are interested in, Walter works with you to customize the perfect training for your team. We provide hands-on training at our fully-equipped campus so your team can innovate and operate safely. While training, you will work with our professional Product Management Team.



PRODUCTIVITY REPORTS

Working to positively impact your business

Accompanying every Bucket Program analysis, a detailed productivity report comparing Walter products versus competitive products in terms of yearly usage, removal, labor time and cost, product life and product cost. The goal of the productivity report is to provide you with all the facts in hand, so that you can optimize your productivity and make adjustments that will positively impact your business.



THE BUCKET PROGRAM

Evaluation of cost savings potential and improved worker safety

Walter will assist in optimizing your workflow and cost savings by analyzing your abrasive and tooling usages and work processes through our Bucket Program. Based on our analysis, we will be able to make recommendations on how you can improve efficiency, reduce abrasive costs, improve productivity and encourage safer working habits, maximizing every dollar spent on consumables.



PRODUCT DEMONSTRATION

Our team is trained to listen and provide innovative solutions that answer your specific needs. With our mobile product demonstration trucks, Walter's team can easily go to your facility and help make the fabricating and finishing process more efficient, reducing both abrasive spend and overall production costs.



THE MONEY MAKER GUARANTEE

Walter's money maker guarantee certifies that all Walter products are designed, manufactured and sold with our total commitment in saving time, lasting longer and making money for you. Your total satisfaction is paramount to us, which is why we will reimburse you for your original purchase price*. That is our guarantee.

* Walter will reimburse up to \$1000 via free products if you are not completely satisfied.



OUR **STAR** PRODUCTS

01 PRE- & POST-WELDING

E-WELD 4™

Premium anti-spatter emulsion

Walter's premium anti-spatter guarantees porosity-free welds. E-WELD 4™ is guaranteed to protect workpieces from spatter and ensure clean welds, eliminating the need for time-consuming, costly rework by preventing weld porosity and weld cracks from forming.

Details on page 30



04 BLENDING

ENDURO-FLEX™

The longest life flap disc on the market

Outperforms all competitive flap discs thanks to its innovative design and exclusive abrasive grain blend. Featuring an Eco-Trim backing that can be trimmed back to extend disc life.

Details on page 73



07 BRUSHING

WIRE CUP BRUSHES

The safest, longest-lasting, best performance power brushes on the market

Designed for angle grinders and high performance brushing of large flat surfaces. Whether you are removing paint, spatter, rust or cleaning weld edges, we have a brush that can help you work faster and more safely.

Details on page 126



10 CORROSION PROTECTION

ZINC 200™

Cold galvanizing spray

High-performance, fast-drying corrosion protection spray specially formulated for ferrous metals. Provides the ultimate protection—even when surfaces get scratched.

Details on page 178



03 GRINDING

XCAVATOR XX™

Ultra-fast material removal and comfort

Remove more material faster and comfortably. With its unique ceramic grain blend, the ferrous-free Xcavator XX™ is the most productive wheel for heavy-duty grinding on steel and stainless steel.

Details on page 55



05 SANDING

XTRACUT™

Exceptional sanding performance on steel

Xtracut™ equals ultra-high stock removal and long service life. Optimized self-sharpening ceramic grains enable consistently high performance. Your quickest and coolest cutting sanding disc for steel production.

Details on page 85



08 PERSONAL PROTECTION EQUIPMENT

VISION BFFVX™

The largest viewing area in its category

Vision helmets are light, slim and will fit into tight areas, all while offering optimal face, ear and neck coverage.

- Best in class optical clarity and sensitivity
- Patented cover plate quick change system
- Dust and water resistance
- Meet ANSI and CSA standards

Details on page 141



11 CLEANING SOLUTIONS

SLAP SHOT™

Fast evaporating degreaser

Highly effective, residue-free, fast evaporating cleaner/degreaser that dissolves and removes grease, oil, and grime on contact.

Details on page 215



NEW PRODUCTS FOR 2022



E-WELD PRE-COATED NOZZLES™

Lasts up to 5 times longer than standard OEM nozzles. The special water-based ceramic coating prevents spatter from adhering to the nozzle and allows the gas to flow freely, ultimately providing a better-quality weld. Reduces downtime spent scraping out spatter and replacing MIG nozzles.

Details in the Pre- and Post-Welding section on page 27



ENDURO-FLEX TURBO™ TYPE 29



Slightly angled shape for better contouring and shaping surfaces. For use at a 15° to 25° angle.

Details in the Blending section on page 79



AIRPLUS® PAPR SYSTEM

- High-capacity battery allows up to 2 shifts of work; reducing downtime.
- 500 charges for battery lowers consumable costs over time.
- 3 phase alarm system for increased user awareness.
- Same or better protection than leading brands in North America at a more competitive price.

Details in the new Personal Protection Equipment section on page 143



IMPROVED HEADGEAR

Increased comfort for the welder on the Vision helmet line-up. ArcOne's new and improved headgear now includes a comfort gel pad specially designed for all-day wear.

Details in the new Personal Protection Equipment section on page 148

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SAFETY FIRST

Tips on the safest and most effective use of abrasives and power tools*



- Disconnect the power tool prior to changing abrasives.
- Inspect the abrasive for any sign of damage. Do not use if damaged.
- Check MAX. RPM on abrasive and check the spindle speed of the tool. Never run an abrasive faster than its MAX. RPM (or M.R.S. = Maximum Rated Speed).
- Mounting: Use only approved mounting hardware for the abrasive at hand. Above all, the clamping hardware must center the wheel securely and provide the required support to the abrasive.
- Abrasives must be used with safety guards in place as indicated on the label. Adjust guards to protect the operator.
- Always wear eye protection. Wear face, body, ear and dust inhalation protection as needed.
- Practice safe working methods: Secure the workpiece, hold the tool firmly, avoid cluttered and badly lit work areas.
- Ensure adequate protection of other workers in the vicinity.
- Do not use abrasives and tools over their rated capacity, follow manufacturer's instructions.
- Service power tools regularly and according to manufacturer's instructions to keep them in good working condition and maintain their performance. Do not use if damaged.

*Walter abrasives are designed for use as directed in all applicable safety codes, such as CSA, WHMIS, ANSI, OSHA and other regulatory bodies. Always work within these applicable rules and regulations.

SAFEST AND MOST EFFECTIVE WORK METHODS



GRINDING

Type 27 depressed center grinding wheels are designed to be used at a 15° to 20° working angle.



FLEXCUT

FLEXCUT flexible grinding wheels are best used with a working angle of 10° to 15°.



FLAP DISCS

Flap discs are designed to be used at a working angle of 4° to 10°. Never use flat.



SANDING DISCS

Fiber backed sanding discs work best at a working angle of 4° to 10°. They must be used on a full size flexible backing pad.



CUT-OFF WHEELS

Choose direction of cut to present the narrowest cross section of the material to the wheel. Cut large solids with a moderate rocking motion. Avoid twisting and bending of the wheel in the cut. Do not use a cut-off wheel for deburring unless otherwise specified.



FLAP WHEELS

Apply moderate working pressure when working with flap wheels – let the tips of the flaps do the work.



WIRE BRUSHES

Work with the face of a wire brush. Apply moderate working pressure to let the wire tips do the work and prevent excessive bending of the wire.

STORAGE TIPS FOR ABRASIVE PRODUCTS

- Keep abrasives in their original packaging, to protect them from water and excessive heat.
- Coated abrasives, such as fiber discs, flap discs and cloth belts perform best when stored in an area with 50% humidity at 22 °C (70 °F).

SAFETY SEMINAR

Walter offers free in-plant safety seminars to promote the safe use of abrasives. Reserve your safety seminar today by calling: **1-888-592-5837**. For more information, visit walter.com/safety

IMPORTANT

WALTER ICONS LEGEND

Materials

Red for steel



Blue for stainless steels and nickel-based alloys



Green for aluminum and non-ferrous metals



Gold for brass



Black for plastic



Purple for cast iron



Gray for concrete and ductile metal



Charcoal for carbide



Titanium



Dark gray for mill scale



Light gray for hard metal



Wheel grade

Bond type, grain type and grain size

Warning

When using SPIN-ON quick mounting system

Dimensions

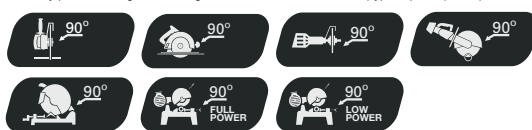
Diameter, thickness, bore

More information

Consult WALTER website for complete safety information

Working angle

The only permitted angle for cutting wheels is 90° to the material (Type 1 (EN 41) – flat)



Type 27 / (EN 42) – (depressed centered)



Type 27 combo (cutting and grinding) wheels ideal angle is 90° or 20°



Type 27 grinding ideal angle varies from 15° to 30°



Type 28 ideal angle is lower than 10°



Type 29 ideal angle is 10°



Simple numbering system

Makes it easy to reorder. Also present in the center of bonded wheels to be readable when wheels are worn-out.

Maximum speed

RPM (rotations per minute) and m/s (meters per second)

Compliance

Products manufactured in compliance with European regulation EN 12413 and US regulation ANSI B7.1

Traceability

Internal code to monitor production for safety



Restrictions

DO NOT use if damaged



NOT suitable for hand-held grinders



NOT suitable for grinding



DO NOT use for wet grinding or cutting



Safety

Eyes, face, ears and lungs protection



Hand protection



Always use safety guard



Walter environmental products - Legend



Volatile Organic Compounds

Volatile organic compounds (VOCs) are products that contain potentially toxic levels of hazardous materials. Paints, stains and varnishes have long contributed considerably to the prolific release of VOCs. Products where you see the VOC-free logo guarantee that they contain no VOCs.



Nonfood Compounds Program

The global food industry relies upon nonfood compounds to facilitate the efficient processing, handling and storage of food throughout the supply chain. Nonfood compounds include such substances as cleaners, sanitizers, boiler compounds and lubricants.



California Proposition 65 Warning

The products identified with this symbol can expose you to chemicals that are known to the State of California to cause cancer and/or reproductive harm. For more information, go to www.P65Warnings.ca.gov or www.walter.com

01

PRE- AND POST-WELDING TREATMENT



SURFOX WELD CLEANING

The use of SURFOX systems is a recognized method for achieving Chemical Passivation on Stainless Steel Parts, as defined by the ASTM 967-05 specification.

Features and benefits

- ▷ **Safer:** SURFOX cleaning electrolytes are NSF registered and authorized for use in food plants
- ▷ **Faster:** Uniform cleaning and passivation at a rate of 3 to 5 feet per minute
- ▷ **Easy:** Pour your SURFOX electrolyte into the reservoir and start cleaning

Electrochemical Weld Cleaning Systems for Stainless Steel and Aluminum

The SURFOX electrochemical weld cleaning system is a highly effective method for removing heat tint from welded stainless steel and aluminum (TIG, spot and MIG), without altering the surface of the parent material. SURFOX promotes the formation of a uniform and durable chromium oxide passive layer to protect stainless steel against corrosion.

Passivation

Why is passivation important?

Stainless steel is naturally able to resist corrosion thanks to a passive chromium oxide layer that forms on its surface. The formation of this protective layer is called passivation. Abrasion or excessive heat (caused by welding) will destroy this protective layer and expose the metal to corrosion. In order to fully restore the corrosion resistance of stainless steel, heat tint and other surface contaminants must be removed.

SURFOX is a safe, effective and fast electrochemical cleaning system. The rate of cleaning welds with this system is between 3-5 feet per minute. The SURFOX system combines both the cleaning power of electrical current and the passivation properties of electrolyte cleaning solutions. Passivation begins instantly after the SURFOX electrochemical cleaning process is completed. It usually takes between 24 to 48 hours for passivation to be stable and complete.



SURFOX™ 305 MIG & TIG

The industry's safest and fastest MIG & TIG weld cleaning system

The SURFOX™ 305 is our patented electrochemical weld cleaning system for stainless steel and aluminum. It quickly and easily removes heat tint from the heat-affected zone of MIG, TIG and spot welds, cleaning the surface and allowing passivation on stainless steel to begin without altering the surface finish. The integrated tank and flow-through system ensures the electrolyte solution is delivered directly to the workpiece, minimizing the potential for spillage or cross-contamination. The dynamic current control also ensures that the electrical current will not cause micropitting on the surface.



Features and benefits

- ▷ Easily cleans MIG welds, TIG & spot welds
- ▷ Threaded brush system to easily change out accessories and reduce downtime
- ▷ Ability to clean larger and hard to reach areas with our brushes
- ▷ Integrated reservoir reduces the potential for contaminating or spilling the electrolyte solution
- ▷ AC mode for cleaning or marking
- ▷ DC mode for polishing or etching
- ▷ Built-in vapor dispersion system

Model	Order No.	Electrical		Dimensions			Tank capacity	Length of hose	Weight
		Input	Output	Length	Width	Height			
305	54-D 315	120 V, 50/60 Hz, 8.0 A	12-30 V AC/DC, 30 A max	18.50"	9.75"	15"	64.2 oz	13'	44 lbs

Each unit comes with: 1 x SURFOX 305 wide carbon fiber brush (54-B 155), 1 x SURFOX 305 narrow carbon fiber brush (54-B 156), 1 x adaptor for SURFOX 305 brush (54-B 149), 1 x ground cable (48-R 136), 1 x user guide, 1 x carrying case

SURFOX 305 ACCESSORIES

Recommended for cleaning MIG welds



Reusable brush adaptor for large wand
Order No.: 54-B 149



Wide carbon fiber brush with removable rings
5 per package
Order No.: 54-B 155

Recommended for cleaning TIG welds



Tungsten insert 90°
Order No.: 54-B 143



Standard cleaning pad
Order No.: 54-B 026

Recommended for tight corners



Reusable brush adaptor for large wand
Order No.: 54-B 149



Carbon fiber brush with removable rings
5 per package
Order No.: 54-B 156

Recommended for renewing large surfaces



Large graphite insert
45 mm W - Ideal for surface renewing or restoring, and to clean the back of MIG welds
Order No.: 54-B 009



Large pad for graphite insert
5 per package
Order No.: 54-B 052

SURFOX™ 205

For TIG and spot welds on stainless steel and aluminum

This industrial weld cleaning system features extensive safety and productivity features to minimize consumable use and provide economical cleaning and passivation of stainless steel TIG & spot welds. The SURFOX™ 205 has been engineered to clean MIG, TIG and spot welds on aluminum, and with the use of special marking kits (sold separately), it can also mark stainless steel, aluminum and titanium surfaces. This is a durable production model designed for every day use.

Features and benefits

- ▷ **Built-in fume elimination system** (requires a compressed air line)
- ▷ **Switchable output:**
 - AC Mode: cleaning & marking
 - DC Mode: polishing & etching
- ▷ **Redesigned pump and tank for maximum efficiency**



Model	Order No.	Electrical		Dimensions			Tank capacity	Length of hose	Weight
		Input	Output	Length	Width	Height			
205	54-D 215	120 V, 50/60 Hz, 4.0 A	12-30V AC/DC, 15A max	18 1/2"	9 3/4"	15"	64.2 oz	13'	41 lbs

Each unit comes with: 1 x carbon fiber brush (54-B 158), 1 x brush adaptor (54-B 149) 1 x ground cable (48-R 136), 1 x user guide, 1 x carrying case

SURFOX 205 ACCESSORIES

Recommended for cleaning TIG welds



Tungsten insert 90°
Order No.: 54-B 143



Standard cleaning pad
10 per package plus clamp ring
Order No.: 54-B 026



Recommended for renewing large surfaces



Large graphite insert
45 mm W - Ideal for surface renewing or restoring, and to clean the back of MIG welds
Order No.: 54-B 009



Large pad for graphite insert
5 per package
Order No.: 54-B 052



Recommended for tight corners



Reusable brush adaptor for large wand
Order No.: 54-B 149



Carbon fiber micro-brush
Order No.: 54-B 158



SURFOX MINI™

The ideal unit for field or repair work

The ergonomically designed SURFOX Mini™ comes equipped with a variable power setting that ensures a perfect finish on even the most delicate surfaces.

This unit utilizes refillable electrolyte cartridges instead of an integrated tank to reduce the weight and increase portability. Excellent for use on repairs, touchups and small jobs. This newly redesigned unit can clean TIG or spot welds on stainless steel and MIG, TIG or spot welds on aluminum. It can also mark stainless steel, aluminum and titanium surfaces with the use of a SURFOX marking kit.



Model	Order No.	Electrical		Dimensions			Weight
		Input	Output	Length	Width	Height	
MINI	54-D 055	120 V, 50/60 Hz, 4.0 A	12-30 V AC/DC, 15 A max	12"	4.5"	8.86"	8.4 lbs

Each unit comes with: 1 micro-wand, 1 x micro-wand holder (48-R 286), 1 x micro wand holder extension sleeve (48-R 460), 1 x carbon fiber micro-brush (54-B 157), 1 x adaptor for micro-brush (54-B 150), 1 x ground cable (48-R 283), 1 x user guide, 1 x carrying case

SURFOX MINI ACCESSORIES

Recommended for cleaning TIG welds



Narrow tungsten insert
Order No.: 54-B 038

Narrow cleaning pad
10 per package plus clamp ring
Order No.: 54-B 028

Recommended for renewing large surfaces

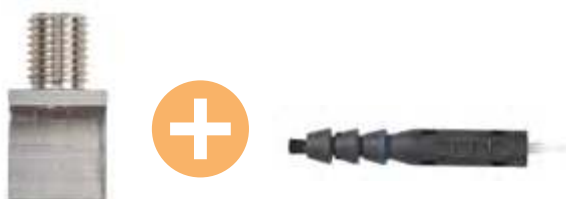


Mini graphite insert

35 mm W - Ideal for surface renewing or restoring, and to clean the back of MIG welds
Order No.: 54-B 048

Mini pads for large graphite insert for SURFOX Mini
Pack of 10 with O-ring
Order No.: 54-B 051

Recommended for tight corners



Spare brush adaptor for Micro-Wand
Order No.: 54-B 150

Carbon fiber micro-brush
5 per package
Order No.: 54-B 157

Replacement pump for refilling cartridges of SURFOX electrolytes

Cartridge refiller 100ml

Use this pump to buy SURFOX-T or SURFOX-G in bulk packaging and save even more money
Order No.: 54-B 092



SURFOX™ TURBO

Powerful, compact and reliable

The SURFOX™ TURBO cleans TIG, MIG and spot welds on stainless steel and delivers an excellent cost-benefit ratio for cleaning and achieving passivation. Powerful, compact and portable, the SURFOX™ TURBO is designed to achieve passivation in the simplest and easiest way.



Model	Order No.	Electrical		Dimensions			Weight
		Input	Output	Length	Width	Height	
TURBO	54-D 045	120 V, 50/60 Hz, 8.0 A	12-30 V AC, 20 A max	12"	4.5"	8.84"	15 lbs

Each unit comes with: 1 x SURFOX™ TURBO carbon fiber brush (54-B 205), 1 x adaptor for micro-brush (54-B 150), 1 x ground cable (48-R 136), 1 x user guide, 1 x carrying case

SURFOX TURBO ACCESSORIES

Recommended for cleaning TIG welds



Narrow tungsten insert

Order No.: 54-B 038

Narrow cleaning pad

46 mm L x 24 mm W x 2 mm T
10 per package plus clamp ring.
Order No.: 54-B 028

SURFOX™ TURBO wand



SURFOX™ TURBO wand is easy to use, durable and reliable.

Order No.: 54-B 201

SURFOX™ TURBO carbon fiber brush



SURFOX™ TURBO brushes are flexible and can be trimmed as often as needed.
5 per package.

Order No.: 54-B 205

Extended ground cable 10 m
SURFOX™ TURBO
Order No.: 54-B 207



Extended torch cable 10 m
SURFOX™ TURBO
Order No.: 54-B 208





SURFOX SOLUTIONS

**NEW AND
IMPROVED
FORMULA!**



NSF

Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Cartridge	100 ml	3.4 oz	54-A 061	S-10E	1 (Pack of 6)
Liquid	1.5 L	51 oz	54-A 065	S-10E	1
Liquid	5 L	1.3 gal	54-A 066	S-10E	1
Liquid	20 L	5.2 gal	54-A 067	S-10E	1
Liquid	208 L	55 gal	54-A 068	S-10E	1

Color: Translucent



NSF

Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Cartridge	100 ml	3.4 oz	54-A 001	S-01E	1 (Pack of 6)
Liquid	1.5 L	51 oz	54-A 005	S-01E	1
Liquid	5 L	1.3 gal	54-A 006	S-01E	1
Liquid	20 L	5.2 gal	54-A 007	S-01E	1
Liquid	208 L	55 gal	54-A 008	S-01E	1

Color: Translucent



NSF

Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Sprayer	500 ml	16.9 oz	54-A 023	S-03E	12
Liquid	3.78 L	1 gal	54-A 025	S-03E	1
Liquid	20 L	5.2 gal	54-A 027	S-03E	1
Liquid	208 L	55 gal	54-A 028	S-03E	1

Color: Translucent

SURFOX-G™

pH neutral electrolyte solution

Can be used with high conductivity pads and carbon fiber brushes.

NSF category A3, registration #146974

- ▷ Great for cleaning MIG and TIG and spot welds on stainless or aluminum
- ▷ pH neutral, non acidic
- ▷ Safe alternative to pickling paste and strong acids
- ▷ Non-corrosive
- ▷ Compatible with all SURFOX machines
- ▷ Lower environmental impact

Tech tip!

Use with SURFOX-T
drum pump
54-B 106

SURFOX-T™

Heavy-duty formula

Provides faster cleaning action and more thorough cleaning on MIG welds.

NSF category A3, registration #142984

- ▷ Quickly cleans all MIG and TIG welds on stainless steel or aluminum
- ▷ Safe alternative to pickling paste and strong acids
- ▷ SCAQMD compliant

SURFOX-N™

Cleaning and neutralizing formula

NSF category A1, registration #142985

- ▷ Must be used to clean and neutralize SURFOX electrolyte solutions
- ▷ SCAQMD compliant
- ▷ Prevents the formation of salt deposits (hazy white discoloration) around welds cleaned with SURFOX

SURFOX™ PRE-WELD

Fast drying surface cleaner

Formulated for preparing and degreasing metal surfaces prior to welding.

Benefits

- ▶ *Reduced VOC content when compared to solvent-based surface cleaners*
- ▶ *Ready-to-use formula*

Features

- ▶ *Replacement for surface preparation solvents such as acetone*



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Sprayer	500 ml	16.9 oz	54-A 073	S-13E	12
Liquid	3.78 L	1 gal	54-A 076	S-13E	1
Liquid	20 L	5.2 gal	54-A 077	S-13E	1
Liquid	208 L	55 gal	54-A 078	S-13E	1

Color: Orange

SURFOX™ RENEW

High strength stainless steel cleaner

Highly concentrated, gel-like cleaner for removing rust and mineral deposits from stainless steel. Removes contaminants without attacking the parent material. Must be neutralized with SURFOX-N after use.

Benefits

- ▶ *Gel formulation allows the product to cling to inclined surfaces*
- ▶ *VOC-free, solvent-free, non-flammable, biodegradable surfactants*
- ▶ *Removes rust, oxidation, mineral deposits and light grease*

Features

- ▶ *Concentrated formula – can be diluted up to 1:40 with water*
- ▶ *Ideal for cleaning of food processing and pharmaceutical equipment*



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Sprayer	500 ml	16.9 oz	54-A 083	S-11E	12
Liquid	3.78 L	1 gal	54-A 085	S-11E	1
Liquid	20 L	5.2 gal	54-A 087	S-11E	1
Liquid	208 L	55 gal	54-A 088	S-11E	1

Color: Light orange

Tech tip!

Use with white Blendex hand pads (07-A 500) to easily remove rust and other surface contaminants

SURFOX™ SHINE

Cleaner and protector for stainless steel

An innovative, non-hazardous product that removes light contaminants from stainless steel in one easy step.

NSF category A7, C1, registration # 152509

Benefits

- ▶ *Removes dust, dirt, finger prints, oils and handling marks*
- ▶ *Leaves a uniform finish without streaking*
- ▶ *Brightens and protects stainless steel surfaces*
- ▶ *Not controlled under WHMIS or OSHA*

Features

- ▶ *Ready-to-use formula*
- ▶ *Silicone-free, VOC-free, solvent-free, non-flammable, phosphate-free, biodegradable*
- ▶ *For cleaning of food processing and pharmaceutical equipment*



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Sprayer	500 ml	16.9 oz	54-A 093	S-12E	12
Liquid	3.78 L	1 gal	54-A 095	S-12E	1
Liquid	20 L	5.2 gal	54-A 097	S-12E	1
Liquid	208 L	55 gal	54-A 098	S-12E	1

Color: White

OTHER SURFOX ACCESSORIES

Cleaning pads

Designed to be used with SURFOX-G and SURFOX-T



Standard cleaning pad
46 mm L x 24 mm W x 4 mm T
Use with inserts 54-B 036 and 54-B 143
10 per package plus clamp ring
Order No.: 54-B 026



Inside corners cleaning pad
60 mm L x 38 mm W x 2 mm T
10 per package plus clamp ring
Order No.: 54-B 027



Narrow cleaning pad
46 mm L x 24 mm W x 2 mm T
Use with insert 54-B 038
10 per package plus clamp ring
Order No.: 54-B 028



Large pad for large graphite insert
90 mm L x 50 mm W x 2 mm T
Pack of 10 with O-ring
Order No.: 54-B 043
To be used with 54-B 009



Classic cleaning pad for graphite insert
5 per package
Order No.: 54-B 052
To be used with 54-B 009



Mini pad for large graphite insert for SURFOX Mini
Pack of 10 with O-ring
Order No.: 54-B 051
To be used with 54-B 048

For all models



Narrow clamp ring for narrow pads
Use with narrow inserts 54-B 038
10 per package
Order No.: 54-B 020



SURFOX RENEW refillable trigger sprayer
Highly concentrated, gel-like cleaner for removing rust and mineral deposits from stainless steel. 500 ml (16.9 oz)
Order No.: 53-L 353



Electrolyte straw
5 per package
Order No.: 48-R 294



Clamp ring for cleaning pads
Use with inserts 54-B 143 and 54-B 036
10 per package
Order No.: 54-B 002



SURFOX PRE-WELD refillable trigger sprayer
Formulated for preparing and degreasing metal surfaces prior to welding. 500 ml (16.9 oz)
Order No.: 53-L 354



SURFOX Powercloth
10 per package
Order No.: 54-B 090



Micro-Wand and brush kit
With carbon fiber brush for cleaning corners and intricate areas
Order No.: 54-B 133



SURFOX-N refillable trigger sprayer
Identified with GHS compliant product specific labels showing product features, OSHA/WHMIS information and directions for use. 500 ml (16.9 oz)
Order No.: 53-L 339



SURFOX station

With its sturdy and industrial design, the SURFOX station has been designed to make it easy to move your SURFOX system throughout your work environment while allowing for the storage of various cleaning agents and accessories.

Order No.: 54-B 050



Micro-Wand and tungsten insert kit
With tungsten inserts and pads for cleaning corners and intricate areas
Order No.: 54-B 033

SURFOX MARKING KITS



Go ahead, make your mark!

SURFOX™ marking kits use a fast and simple electrochemical process to permanently mark stainless steel surfaces. The marking wand plugs directly into the SURFOX machine and is used with specially made permanent or disposable stencils.



STANDARD MARKING KIT

Order No.: 54-B 080

The standard kit requires the use of permanent stencils available from Walter, each of which can be used hundreds of times.

Includes:

- Marking wand and power cable
- Pack of 20 marking pads
- 5 O-rings
- Allen key 2.5 mm
- SURFOX-M marking solution 100 ml squeeze bottle for black marking (AC mode)
- SURFOX-E etching solution 100 ml squeeze bottle for white etching (DC mode)
- Packaged in a professional and sturdy case



PRO MARKING KIT

Order No.: 54-B 081

The PRO kit is offered with a stencil thermal printer for the printing of disposable stencils to permanently mark stainless steel surfaces. The printer comes with software that allows the creation of stencils for barcodes, serial numbers, lot and batch numbers, text, company logos, and more.

Includes:

- Marking wand and power cable
- Pack of 20 marking pads
- 5 O-rings
- Allen key 2.5 mm
- SURFOX-M marking solution 100 ml squeeze bottle for black marking (AC mode)
- SURFOX-E etching solution 100 ml squeeze bottle for white etching (DC mode)
- Thermal printer and 20 m of stencil paper
- Packaged in a professional and sturdy case

MARKING KIT ACCESSORIES

For marking stainless steel and titanium

SURFOX-M
marking solution
100 ml squeeze bottle
NSF category P1,
registration #146175
Order No.: 54-A 031
Also available in 5 L format
Order No.: 54-A 036



For marking aluminum

SURFOX-M ALU
electrolyte solution
100 ml squeeze bottle
Order No.: 54-A 131
Also available in 5 L format
Order No.: 54-A 136



For etching stainless steel

SURFOX-E
etching solution
100 ml squeeze bottle
Order No.: 54-A 041



Marking pads

Pack of 20
Order No.: 54-B 083



Power cable

Order No.: 54-B 063



Graphite marking insert

Order No.: 54-B 088



O-rings

Pack of 5
Order No.: 54-B 089

Marking wand

Order No.: 54-B 082



Stencil paper roll

100 mm x 20 m
Order No.: 54-B 086
100 mm x 50 m
Order No.: 54-B 087



Extended-Use Stencils

Can be used up to 200 times.

2.5" X 7"	54-B 066
3.75" X 7"	54-B 067
5" X 7"	54-B 068
8.5" X 11"	54-B 069

For more information: orderdesk.us@walter.com

Marking on aluminum using customizable stencil paper rolls



SURFACE MEASURING SYSTEM

SURFOX™ PASSIVATION TESTER

Quickly and easily guarantee passivated stainless steel

The importance of validating the passivation of your stainless steel surfaces cannot be stressed enough. Impossible to detect with the naked eye, passivation indicates that the protective layer of chromium oxide exists on your stainless steel surface – the essential ingredient that guarantees your stainless steel will resist corrosion.

The SURFOX™ Passivation Tester is a simple, compact and portable testing device that allows you to quickly and easily ensure passivation of stainless steel anywhere, anytime – even on job sites!

Applications

- ▷ Determine the degree of passivation of stainless steel 304 & 316
- ▷ Testing device for passivation

Tech tip!

- Use on a clean surface

Features

- ▷ Small probe allows testing in hard to reach areas
- ▷ Measures the protective chromium passive layer on stainless steel surfaces
- ▷ Based on a technology called “open circuit potential”
- ▷ A value above zero indicates the surface is passivated
- ▷ Minimizes costly downtime caused by the rework of pieces
- ▷ Provides an instant reading to verify the quality of the protective layer



SURFOX™ PASSIVATION TESTER

Order No.: 54-T 012

Accessories

Replacement cartridge
White felt tip (Pkg. 5)

Order no.
54-A 050
54-B 046



E-WELD NOZZLE

Total nozzle protection for up to 8 hours!

- **UNIQUE APPLICATOR** ensures a thin, even protective coat.
- Extends nozzle life.
- Perfect for all types of welding, resists temperatures up to **1000 °C**.



Spatter build up obstructs gas flow, resulting in inconsistent weld quality.



Thin layer of E-Weld Nozzle ensures gas flows freely for a clean, high quality weld.

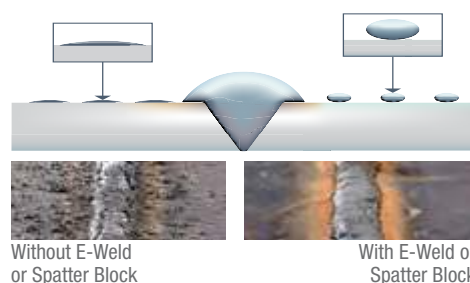
ANTI-SPATTER SOLUTIONS

Why use anti-spatter solutions?

When small pieces of molten metal fly off the welding arc, the spatter, or slag, lands on weld surfaces around seams. As it cools and hardens on the surface on which it lands, it can be difficult to remove. Abrasives or chisels will then need to be utilized to remove the spatter to ensure a smooth surface for finishing the workpiece. However, by leveraging an anti-spatter solution before you begin welding, you can eliminate the time and cost of using abrasives or tools to remove weld spatter.

Why use Walter **E-Weld** and **Spatter Block** anti-spatter solutions?

Walter has developed a safer and healthier line of anti-spatter solutions to prevent spatter from adhering to surfaces. Our anti-spatter solutions are biodegradable, non-flammable and non toxic so that you can improve your work process without sacrificing worker health and safety.



SELECTION CHART

Required protection	Advantages	Products
NOZZLE PROTECTION	CERAMIC / RESISTS TO UP TO 1000°C.	E-WELD NOZZLE 
	PRACTICAL MAGNETIC GEL DISPENSER.	SPATTER BLOCK GEL 
ANTI-SPATTER	FOR HIGH HEAT APPLICATIONS. CAN BE USED AS A DEGREASER.	E-WELD 3 
	PROTECTS AGAINST CORROSION. WILL NOT CAUSE POROSITY.	E-WELD 4 
	TEMPORARY CORROSION PROTECTION.	SPATTER BLOCK 
	FOR HIGH HEAT APPLICATIONS.	SPATTER BLOCK HT 
CUTTING TABLE PROTECTION	PREVENTS ADHESION OF SLAG TO SLATS ON CUTTING TABLES.	E-WELD PLASMA 



PROTECTS
WELDING NOZZLES
FOR UP TO 8 HOURS



Video available at The Walter Network
www.youtube.com/user/TheWalterNetwork

E-WELD NOZZLE™

Total nozzle protection for best efficiency

Extend the life of welding nozzles and reduce downtime spent scraping out spatter with E-WELD Nozzle™. This highly concentrated anti-spatter evenly coats the exterior and interior surface of your welding nozzle to prevent spatter from adhering to the nozzle. This prevents obstructions and allows the gas to flow freely, resulting in a higher quality weld. This is an extremely economical solution, as the easy applicator dispenses a thin layer that can provide protection for up to 8 hours. This is an ideal solution for MIG welding, plasma cutting and laser cutting as the E-WELD Nozzle™ can withstand high temperatures (up to 1000° C) and reduce your consumable spend.

- ▷ *No weld contamination*
- ▷ *Helps prevent weld porosity*
- ▷ *No time lost on scraping spatter from nozzle prior to welding*
- ▷ *Economical*
- ▷ *Improves weld quality and reduces rejection rate*
- ▷ *Only a thin layer needed (up to 100 applications per can)*
- ▷ *Extends lifetime of nozzles*
- ▷ *Eliminates the frequent need for spatter removal and eventual replacement*
- ▷ *Superior life and more solution per can compared to competitive products*



Nozzle using E-WELD Nozzle



Nozzle fully clogged (not using E-WELD Nozzle)

Unique self-dispensing applicator easily dispenses highly concentrated ceramic coating

Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	400 ml	13.5 fl. oz.	53-F 212	L-156	6
Applicator			53-L 121		1
Aerosol and applicator	400 ml	13.5 fl. oz.	53-F 912	L-156	6

Color: Orange



E-WELD PRE-COATED NOZZLES™

Keeps nozzle cooler for best protection

Reduce downtime spent scraping out spatter and replacing MIG nozzles. The special water-based ceramic coating prevents spatter from adhering to the nozzle and allows the gas to flow freely, ultimately providing a better-quality weld. The unique E-WELD pre-coated nozzles will reduce your welding operation costs.

Features

- ▶ Reduce downtime scraping spatter and replacing nozzles
- ▶ Lasts up to 5 times longer than standard OEM nozzles
- ▶ Safe and non-flammable solution to nozzle spatter build-up
- ▶ Prevents nozzle obstructions resulting in a higher quality weld

NEW



Tech tip!

Use E-WELD 4™ Premium anti-spatter emulsion to effectively protect welding pieces, welding jigs and tables against spatter.

Brand compatibility	Model compatibility	Diameter (in)	Position	Order no.	Std Pkg
Lincoln style	100L & 175L	3/8"	Stick out 1/4	54-C 001	2
			Flush	54-C 003	2
		1/2"	Stick out 1/4	54-C 011	2
			Flush	54-C 013	2
	Magnum Pro 250L & 350	3/8"	Stick out 1/8	54-C 021	2
			Recess 1/8	54-C 022	2
			Flush	54-C 023	2
		1/2"	Stick out 1/8	54-C 031	2
			Recess 1/8	54-C 032	2
			Flush	54-C 033	2
		5/8"	Stick out 1/8	54-C 041	2
			Recess 1/8	54-C 042	2
Miller style	M-10 & M-15	1/2"	Flush	54-C 113	2
	M-25 & M-40	1/2"	Recess 1/8	54-C 132	2
			Flush	54-C 133	2
		5/8"	Stick out 1/8	54-C 141	2
			Recess 1/8	54-C 142	2
			Flush	54-C 143	2
Tregaskiss style	Tough Lock	1/2"	Recess 1/8	54-C 232	2
		5/8"	Recess 1/8	54-C 242	2



Video available at The Walter Network
www.youtube.com/user/TheWalterNetwork



E-WELD PLASMA™

Long lasting protection for laser and plasma cutting tables

E-WELD Plasma™ is a ceramic anti-spatter solution that is applied to laser and plasma cutting tables to reduce the buildup of slag over time.

This simple preventative measure keeps the slag from adhering to the slats in cutting tables, allowing it to be easily removed before it builds up and becomes problematic. This significantly decreases the amount of time and effort needed to clean slag off cutting tables, which saves you a great deal of labor time – and associated costs – in plant maintenance.

Now compatible with wet tables.



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	400 ml	13.55 oz	53-F 602	L-174	12
Refillable sprayer	1400 ml	34 oz	53-L 126		1
Liquid	10 kg	22 lbs	53-F 605	L-142	1
Liquid (Drum)	272 kg	600 lbs	53-F 608	L-142	1

Color: White

Tech tip!

Stack multiple cutting tables behind one another and slightly offset them from one another so all the slats on each table are exposed. This will allow you to coat multiple cutting tables at once, saving even more time.



Benefits

- ▷ Greatly reduces the amount of time required to remove slag from cutting tables
- ▷ Spend less time on equipment maintenance and more time on revenue generating activities
- ▷ Can also be applied to other equipment that is exposed to weld spatter or slag
- ▷ Spray gun applicator dispenses a thin, even layer to help prevent wasteful over application
- ▷ Can be applied to wet or dry cutting tables

Features

- ▷ Ceramic formula provides long lasting protection, even in the presence of extreme heat
- ▷ Spray gun applicator allows you to quickly and easily dispense the product across large surface areas
- ▷ Each 10 kg container provides enough antispatter to cover 50-100 m² (square meters)
- ▷ E-WELD Plasma can be painted on manually or sprayed on with the applicator; just stir the solution prior to use
- ▷ Use a degreaser like SURFOX Pre-Weld to clean slats prior to use to ensure a strong, adhesive coating

SPATTER BLOCK™

General purpose anti-spatter emulsion

SPATTER BLOCK is a safe, natural solution that protects the workpiece from weld spatter to keep you from having to perform time-consuming, costly rework.



Features

- ▷ Does not interfere with painting process
- ▷ VOC-free, solvent-free and silicone-free, biodegradable, non-flammable
- ▷ Formulation based on natural plant extracts
- ▷ Odorless
- ▷ Effective welding amperage range: 100-225 A
- ▷ Contains temporary corrosion inhibitors



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	400 ml	13.55 oz	53-F 002	L-10	12
Sprayer	500 ml	16.9 oz	53-F 203	L-21	12
Liquid	3.78 L	1 gal	53-F 205	L-21	1
Liquid	20 L	5.2 gal	53-F 207	L-21	1
Liquid	208 L	55 gal	53-F 208	L-21	1

Color: Milky green

SPATTER BLOCK HT™

High temperature anti-spatter solution

SPATTER BLOCK HT is a unique, high performing anti-spatter solution that protects workpieces from adherence of high energy spatter and eliminates costly spatter removal operations.



Features

- ▷ VOC-free, solvent-free, silicone-free and biodegradable
- ▷ Odorless
- ▷ Effective amperage range: 100 – 400 A

Benefits

- ▷ Allows multi pass welding
- ▷ Does not interfere with paint adhesion



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	400 ml	13.55 oz	53-F 222	L-61	12
Sprayer	500 ml	16.9 oz	53-F 223	L-136	12
Liquid	3.78 L	1 gal	53-F 225	L-136	1
Liquid	20 L	5.2 gal	53-F 227	L-136	1
Liquid	208 L	55 gal	53-F 228	L-136	1

Color: Amber

SPATTER BLOCK GEL™

Anti-spatter gel

Superior anti-spatter gel for protecting the interior and exterior of welding nozzles and contact tips.



Features

- ▷ Free of chlorinated compounds and silicone
- ▷ Odorless
- ▷ Packaging height is designed to prevent clogging of gas diffusers in welding nozzles

Benefits

- ▷ Extends welding torch life
- ▷ Fast, easy cleaning of nozzles and contact tips

Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Metal tin	200 g	7.0 oz	53-F 103	L-12	12

Color: Translucent

Magnetic tin "sticks" to steel work tables and vertical surfaces



E-WELD 3™

High temperature anti-spatter solution

E-WELD 3 is a high performance anti-spatter solution that both cleans the workpiece and protects it from high energy spatter, eliminating an extra step in the welding process while avoiding costly rework. E-WELD 3 is often the preferred solution for use on stainless steel.

NSF category P1, registration #145451

Benefits

- ▷ *Cleans and degreases weld area*
- ▷ *Allows multi pass welding*
- ▷ *Does not interfere with paint adhesion*

Features

- ▷ *High-temperature*
- ▷ *Surfactants to clean surface before welding without affecting the quality of the weld*
- ▷ *Corrosion inhibitors*



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	400 ml	13.55 oz	53-F 252	L-176	12
Sprayer	500 ml	16.9 oz	53-F 253	L-46	12
Liquid	3.78 L	1 gal	53-F 255	L-46	1
Liquid	20 L	5.2 gal	53-F 257	L-46	1
Liquid	208 L	55 gal	53-F 258	L-46	1

Color: Clear blue

E-WELD 4™

Premium anti-spatter emulsion

E-WELD 4 is a unique anti-spatter solution which protects workpieces from the adherence of spatter. With the addition of special natural ingredients, E-WELD 4 retracts in the presence of heat, leaving the welding area free of liquid. This means that unlike competitive products, E-WELD 4 is guaranteed not to cause weld porosity or cracking, even when overapplied to work surfaces.

Benefits

- ▷ *No weld cracking*
- ▷ *Corrosion resistant*
- ▷ *Does not interfere with paint adhesion*

Features

- ▷ *Premium protection when working up to 225 amps*
- ▷ *Guaranteed not to contribute to weld porosity*



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	400 ml	13.55 oz	53-F 402	L-177	12
Sprayer	500 ml	16.9 oz	53-F 403	L-147	12
Liquid	3.78 L	1 gal.	53-F 405	L-147	1
Liquid	20 L	5.2 gal.	53-F 407	L-147	1
Liquid	208 L	55 gal.	53-F 408	L-147	1

Color: White

Tech tip!

Best choice for welding on aluminum surfaces.



INDUSTRIAL PUMP SPRAYER

Tough industrial sprayers designed to quickly and effectively dispense anti-spatter products. The spray pattern can easily be adjusted from a pin point jet for accurate product dispensing to a wide fan for greater surface coverage. These thick walled polyethylene bottles have regulatory compliant labels and feature a wide neck for easy refilling. Includes labels for Spatter Block, Spatter Block HT, E-Weld 3 and E-Weld 4.

Description	Size		Order No.	Std. Pkg.
	Metric	US Gal		
Anti-spatter	900 ml	30.4 oz	53-L 108	1



REFILLABLE TRIGGER SPRAYER

Sprayers equipped with precision mechanism – guarantees minimal constant spray mist / no dripping. Clearly identified with product specific labels showing product features, WHMIS HCS 2012 compliance and directions for use.

Description	Size		Order No.	Std. Pkg.
	Metric	US Gal		
Spatter Block	500 ml	16.9 oz	53-L 321	1
Spatter Block HT	500 ml	16.9 oz	53-L 308	1
E-Weld 3	500 ml	16.9 oz	53-L 320	1
E-Weld 4	500 ml	16.9 oz	53-L 338	1



AIR FORCE SYSTEMS

FOR SPATTER BLOCK, SPATTER BLOCK HT, E-WELD 3 AND E-WELD 4

The Air Force aerosol can refilling station offers the convenience of using aerosol cans with the cost effectiveness of buying bulk packaging



The Air Force station automatically dispenses Spatter Block, Spatter Block HT, E-WELD 3 and E-WELD 4 solutions and compressed air into refillable spray cans helping you reduce costs associated with the disposal of harmful aerosol cans as well as your environmental impact.

**1X 208L
DRUM = 520
CANS**

Benefits

- ▷ *Eliminates aerosol disposal costs*
- ▷ *Reduces environmental impact*
- ▷ *Perfect price to performance ratio*

AIR FORCE refillable sprayer

Durable and light weight aluminum
Air Force sprayer comes with a specific
label to clearly identify the contents.



*No more disposing
of hazardous
aerosol cans*



AIR FORCE START-UP PACKAGES

AIR FORCE SPATTER BLOCK™

208 L / 55 gal.

Order no.
57-D 018

The start-up package includes:

- ▷ 1 x 53-F 208 Spatter Block 208 L / 55 gal. drum
- ▷ 1 x 57-D 000 Air Force Generic Orange Station
- ▷ 4 x 57-B 101 refillable bottle



AIR FORCE SPATTER BLOCK HT™

208 L / 55 gal.

Order no.
57-D 028

The start-up package includes:

- ▷ 1 x 53-F 228 Spatter Block HT 208 L / 55 gal. drum
- ▷ 1 x 57-D 000 Air Force Generic Orange Station
- ▷ 4 x 57-B 102 refillable bottle

AIR FORCE E-WELD 3™

208 L / 55 gal.

Order no.
57-D 038

The start-up package includes:

- ▷ 1 x 53-F 258 E-Weld 3 208 L / 55 gal. drum
- ▷ 1 x 57-D 000 Air Force Generic Orange Station
- ▷ 4 x 57-B 103 refillable bottle



Air refilling pod

Order No.: 53-M 010

AIR FORCE E-WELD 4™

208 L / 55 gal.

Order no.
57-D 048

The start-up package includes:

- ▷ 1 x 53-F 408 E-Weld 4 208 L / 55 gal. drum
- ▷ 1 x 57-D 000 Air Force Generic Orange Station
- ▷ 4 x 57-B 104 refillable bottle

Accessories	Order No.
Air refilling pod	53-M 010
Replacement valve kit (includes 2 valves and 2 spray tips)	57-B 000
Brass screw cap	53-M 037
Drum adaptor	53-M 038

THE WALTER ABRASIVES SELECTOR APP IS HERE.

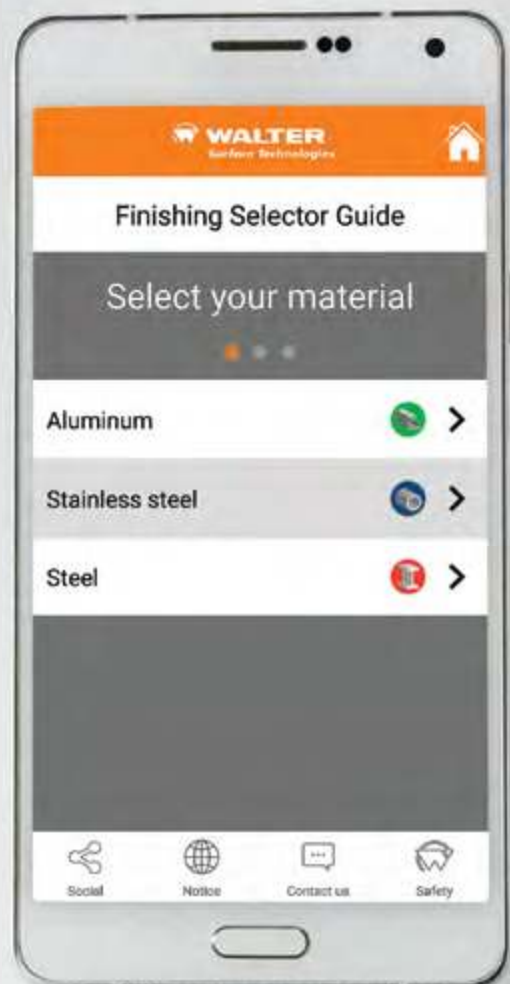
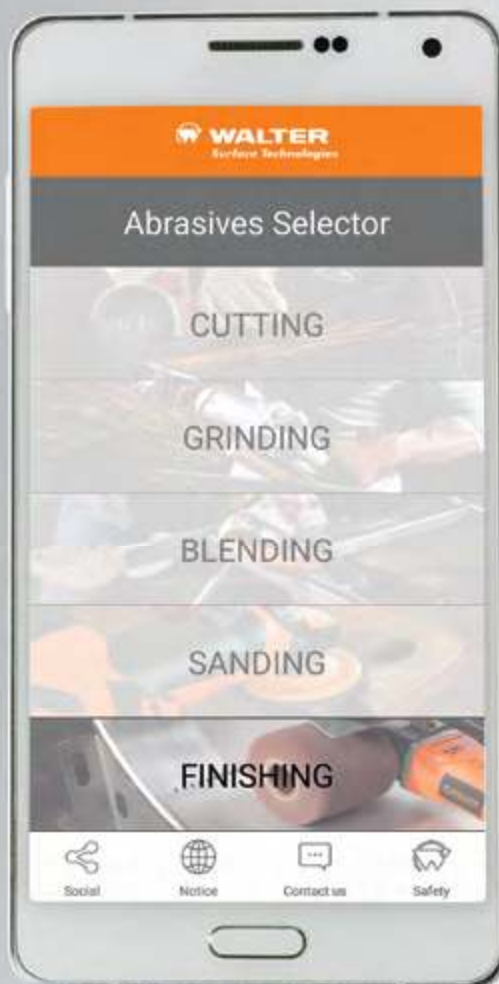
The finishing solutions you need,
right at your fingertips.

The Walter Abrasives Selector app will help you find the right finishing solution in just a few clicks.

- Keep track of your preferred solutions by saving, emailing, or sharing product summaries in PDF format.
- Improve your finishing results by watching our step-by-step videos packed with expert tips.

Find the perfect solution for every job, and learn how to achieve the perfect finish, all in one place.

Download the Walter Abrasives Selector app today.



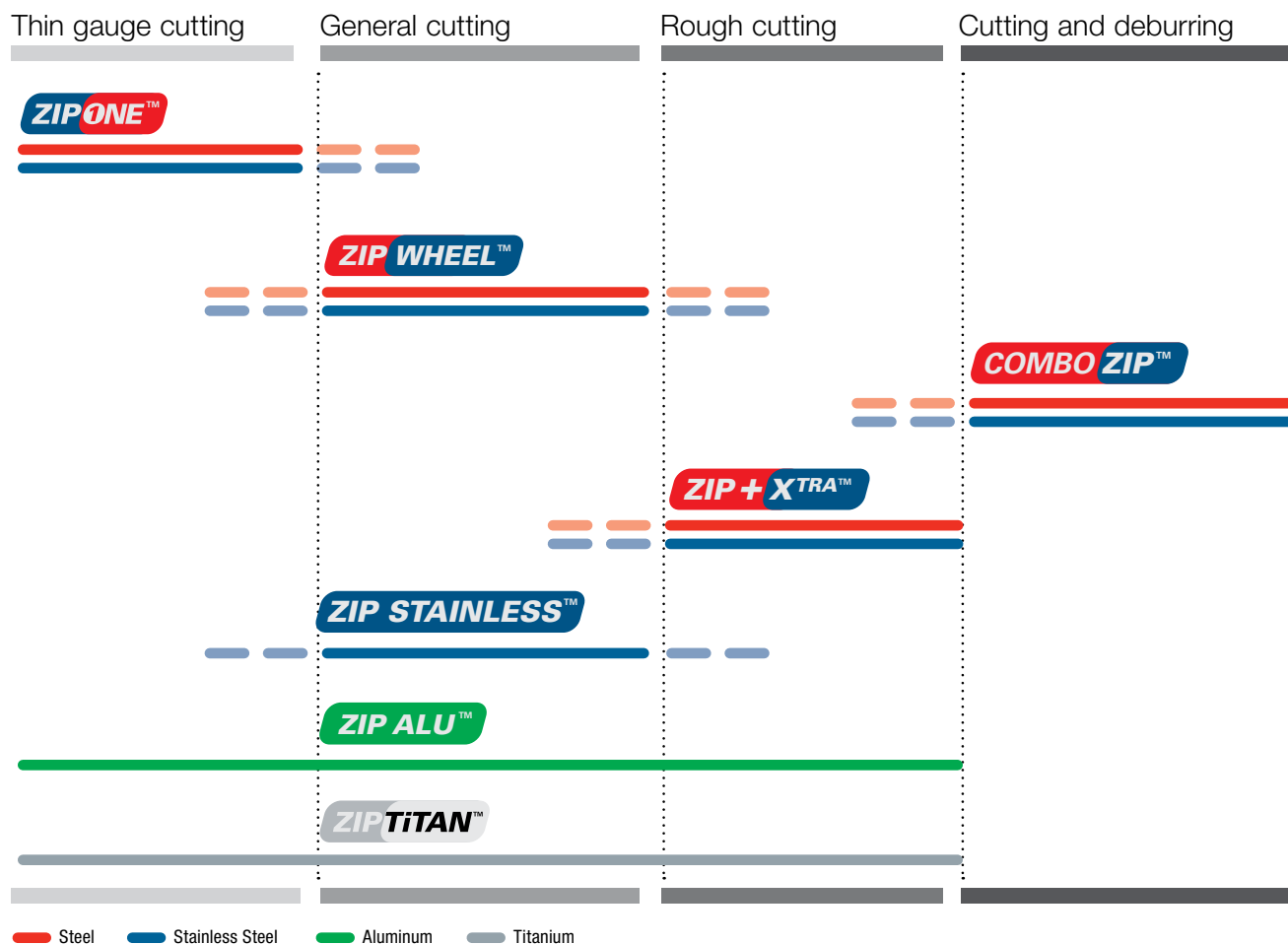
02

CUTTING



ZIP FAMILY PRODUCTS AT A GLANCE

RECOMMENDED BY TYPE OF USAGE



WALTER INDUSTRIAL GLOVES

Protective, sleek, and tight fitting for comfort. Walter's newly-designed work gloves are made to last in the toughest applications. They are made of 100% Black Goatskin leather, with a neoprene insert that reduces vibration. The thumb curve is made with Kevlar™, a natural anti-slip solution. Simply put, these gloves are the toughest and most comfortable for demanding industrial applications.

Large
Extra-Large

Order No.: 30-B 093
Order No.: 30-B 095

ZIP FEATURES

Why are Walter thin cut-off wheels the best in the industry?



Curved Stripes

Look for curved stripes to be sure that you're getting an authentic Walter Surface Technologies product. Like Walter's distinctive orange, curved stripes distinguish our wheels.

Exclusive Packaging

Walter's cut-off wheels are sold in a sturdy, unique and reusable plastic container that keeps each wheel in the same condition as when it left the factory thereby enhancing performance, safety, and durability.

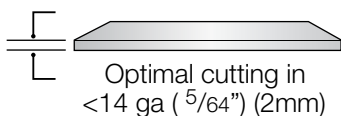


Triple Reinforcement Combo Zip™

Three layers of reinforcement and metal cladding on the cut-off wheel's hub provides maximum safety. This feature allows the cut-off wheel to bear the force of lateral pressure and allow users to light grind/deburr in a safe manner.

Type 27 Narrow Crown and Metal Cladding

Exclusive patented technology that incorporates a metal cladding in the center hub for added safety, and allows for a deeper cutting depth, extending the life of the cutting wheel.



Ultra-Thin Zip One™

Walter's thinnest cut-off wheel at 1/32" is designed for maximum precision cutting. Thanks to an innovative technology exclusive to Walter, ZIP One is not only long lasting, but also allows you to more accurately cut sheet metal without creating burrs.

JUST
1/32"
THICK

Spin-On Wheels for Easy Mounting

Changing your cut-off wheels is quicker and easier than ever before, which results in minimal downtime during wheel change out and less vibration when cutting.



ZIP WHEEL™

THE BEST JUST GOT BETTER

NEW and improved formula.



Video available at The Walter Network
www.youtube.com/user/TheWalterNetwork

WALTER
Surface Technologies

ZIP TiTAN™

Best solution for cutting titanium and brass

For the best solution when working with titanium and brass materials, trust ZIP TiTAN™. It cuts through titanium and brass without overheating these metals, delivering a longer lasting cut-off wheel while preserving the mechanical properties and surface integrity of the material being cut. Get more cuts per wheel and faster, freer cuts on some of the industry's most challenging metals, courtesy of ZIP TiTAN™.

- ▶ *Longer life and optimal cutting performance on titanium and brass*
- ▶ *Unique formulation which prevents metal from overheating 100%*

TYPE 1



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	3/64" (.045")	7/8"	11-H 042	C-60	13,300	25	400
5"	3/64" (.045")	7/8"	11-H 052	C-60	12,200	25	400
6"	3/64" (.045")	7/8"	11-H 062	C-36	10,200	25	200
7"	1/16" (.062")	7/8"	11-H 072	C-36	8,600	25	100





NEW FORMULA!



- ▷ Significantly more cuts than the competition*
- ▷ Less friction and faster cutting

* According to comparative test measurements performed in a lab environment.

INDUSTRY'S LEADING AND MOST TRUSTED WHEEL

ZIP WHEEL™

Setting the industry standard for cut-off wheels

ZIP WHEEL™ is the highest performing cut-off wheel on the market. Faster, cooler, freer cutting and heavily reinforced for added safety, ZIP WHEEL provides premium performance while resisting twisting and bending. This allows for a true, straight cut every time. The end result is a wheel that improves worker safety while delivering unrivaled value.

TYPE 1



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	3/64" (.045")	7/8"	11-T 042	A-60	13,300	25	400
5"	3/64" (.045")	7/8"	11-T 052	A-60	12,200	25	400
6"	3/64" (.045")	7/8"	11-T 062	A-60	10,200	25	200
7"	1/16" (.062")	7/8"	11-T 072	A-30	8,600	25	100
9"	* 5/64" (.078")	7/8"	11-T 092	A-30	6,600	25	100

* Must be used with 3" clamping flange No. 30-B 022 (according to ANSI B7.1)

TYPE 1



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
7"	1/16" (.062")	5/8"	11-T 070	A-30	8,600	25	100
8"	1/16" (.062")	5/8"	11-T 080	A-30	7,600	25	100

TYPE 27



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	3/64" (.045")	7/8"	11-T 142	A-60	13,300	25	200
5"	3/64" (.045")	7/8"	11-T 152	A-60	12,200	25	200
6"	3/64" (.045")	7/8"	11-T 162	A-60	10,200	25	200
7"	1/16" (.062")	7/8"	11-T 172	A-30	8,600	25	100
9"	5/64" (.078")	7/8"	11-T 192	A-30	6,600	25	100

Mounting accessories

Complete set for a flush fit and minimal spindle exposure beyond the clamping nut, for other brands of grinders with: 5/8"-11 spindles

30-B 021



Thick backing flange for a flush fit and minimal exposure of spindle beyond the clamping nut for Walter grinders with: 5/8"-11 spindles

30-B 017

Clamping flanges set to mount 9" cut-off wheels on 5/8"-11 spindles

30-B 022



Video available at The Walter Network
www.youtube.com/user/TheWalterNetwork

Accessory

Description	Order No.
Reducer bushing 7/8" to 5/8"	10-A 984

ZIP WHEEL™ SPIN-ON

High performance cutting with SPIN-ON system

A Walter exclusive, our SPIN-ON mounting system takes your productivity to the next level with a $\frac{5}{8}$ "-11 threaded hub that reduces vibration and reduces the time spent on wheel change outs.

- ▷ *Perfectly centered wheel for total operator comfort*
- ▷ *Vibration-free cutting for maximum life, safety and productivity*



TYPE 27S SPIN-ON

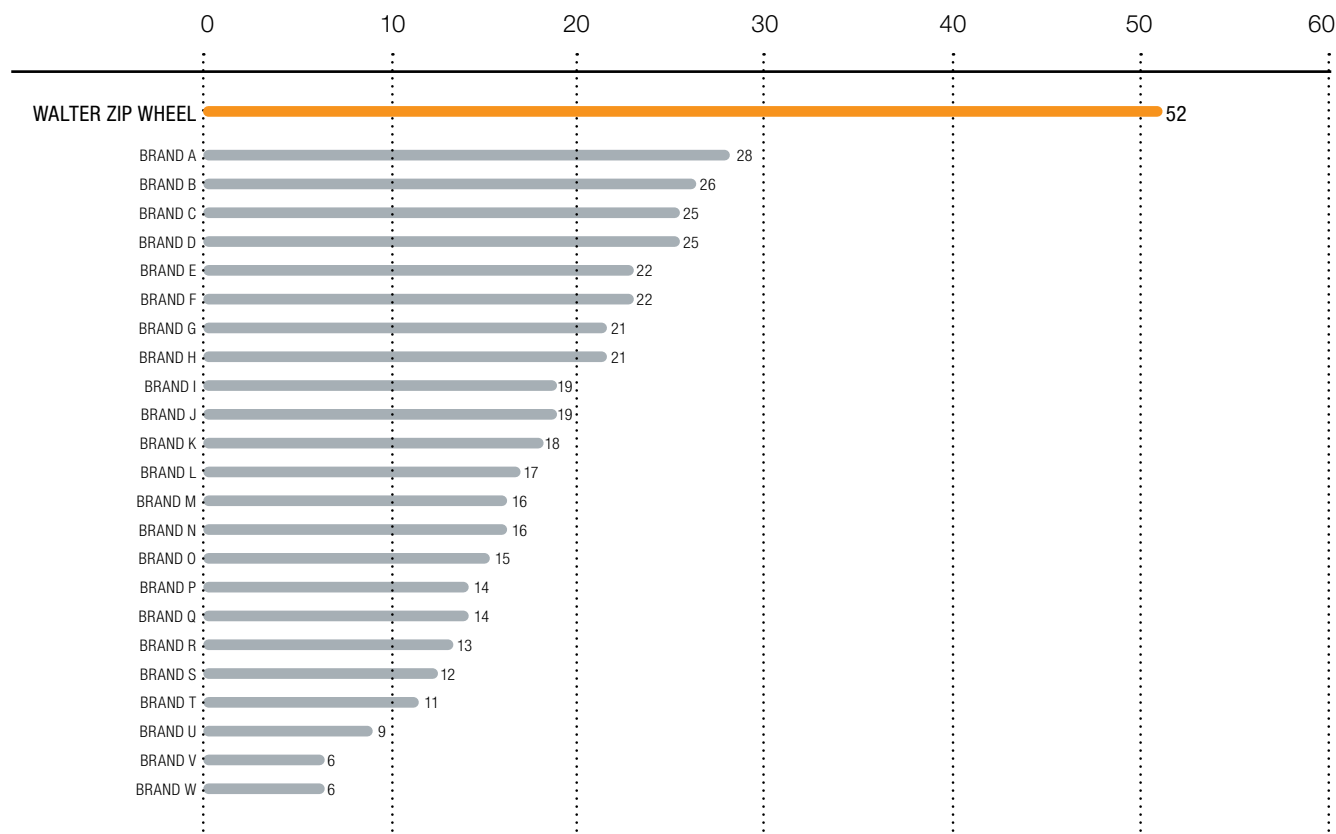


Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	3/64" (.045")	5/8"-11	11-T 342	A-60	13,300	25	100
5"	3/64" (.045")	5/8"-11	11-T 352	A-60	12,200	25	100
6"	3/64" (.045")	5/8"-11	11-T 362	A-60	10,200	25	100

QUICK AND EASY
WHEEL CHANGE FOR
MINIMUM DOWNTIME

ZIP WHEEL™ - Comparison tests of 5" cutting wheels

Total number of cuts on 1/4" hot rolled steel plate



ZIP+ XTRA™

Performance cutting in thicker metal

ZIP+ XTRA™ has a reinforced rib design for straighter cuts on metal that measures 1/8" thick or thicker. This feature also helps to cool the workpiece, preventing the large burrs and material discoloration often produced by competitive 1/16" cut-off wheels.

TYPE 1

Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/16" (.062")	7/8"	11-T 242	A-36	13,300	25	400
5"	1/16" (.062")	7/8"	11-T 252	A-36	12,200	25	400
6"	1/16" (.062")	7/8"	11-T 262	A-36	10,200	25	200
7"	5/64" (.078")	7/8"	11-T 272	A-36	8,600	25	100
9"	3/32" (.094")	7/8"	11-T 292	A-36	6,600	25	100

* Must be used with 3" clamping flange No. 30-B 022 (according to ANSI B7.1)

TYPE 27

Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/16" (.062")	7/8"	11-T 453	A-36	13,300	25	200
5"	1/16" (.062")	7/8"	11-T 503	A-36	12,200	25	200
6"	1/16" (.062")	7/8"	11-T 603	A-36	10,200	25	200

TOUGH CUT™

For the toughest, most demanding cutting applications

These wheels cut fast and free without binding and maintain high RPM for a clean cut and superior all-around performance.

TYPE 1

Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	3/32"	7/8"	11-R 042	A-30	13,300	25	200
5"	3/32"	7/8"	11-R 052	A-30	12,200	25	200
6"	3/32"	7/8"	11-R 062	A-30	10,200	25	200
7"	3/32"	7/8"	11-R 072	A-30	8,600	25	100
9"	3/32"	7/8"	11-R 092	A-30	6,600	25	100

* Must be used with 3" clamping flange No. 30-B 022 (according to ANSI B7.1)

Accessory

Description	Order No.
Reducer bushing 7/8" to 5/8"	10-A 984



CHOOSE ZIP+ XTRA™
FOR THE TOUGHEST
PROJECTS!

▶ Excellent performance for cutting material
1/8" and thicker

▶ 4 1/2" and 5" Type 27 wheels feature an
exclusive narrow crown design and metal
hub cladding

▶ The preferred wheel for flush cutting in
confined spaces

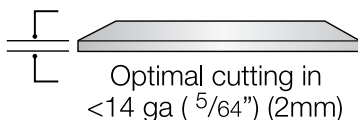


Video available at The Walter Network
www.youtube.com/user/TheWalterNetwork





Recommended: 8 ga (3/16") (4 mm)



- ▷ *Fast, free precision cuts*
- ▷ *Clean cutting for less rework*
- ▷ *Unique mix of abrasive grains ensures cool cutting for less discoloration and warping*
- ▷ *Fe-free formulation – guaranteed not to contaminate stainless steel*
- ▷ *Perfect for plunge cutting applications*

ZIP ONE™

High performance cut-off wheel for thin gauge metal

ZIP ONE™ offers the quickest cuts and longest life in an ultra-thin 1/32" wheel. It is cool cutting to provide a burr-free cut with minimal discoloration. Best of all, it cuts extremely quickly and without vibration, making your job safer and easier when working with thin gauge steel or stainless steel.

EXTRA THIN FOR ULTRA PRECISE CUTTING

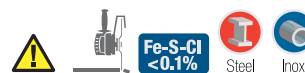
TYPE 1

Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/32" (.035)	7/8"	11-T 542	ZA-60	13,300	25	400
5"	1/32" (.035)	7/8"	11-T 552	ZA-60	12,200	25	400



TYPE 27

Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/32" (.032")	7/8"	11-T 642	ZA-60	13,300	25	400
5"	1/32" (.032")	7/8"	11-T 652	ZA-60	12,200	25	400
6"	1/32" (.035")	7/8"	11-T 662	ZA-60	10,200	25	200
7"	3/64" (.045")	7/8"	11-T 672	ZA-60	8,600	25	100



Video available at The Walter Network
www.youtube.com/user/TheWalterNetwork





- ▶ Free of iron, sulfur and chlorine so as not to contaminate stainless steel
- ▶ Type 27 allows more clearance for flush cutting
- ▶ Metal hub cladding for extra strength, control and safety

ZIP STAINLESS™

Guaranteed not to contaminate stainless steel

The new and improved Zip Stainless™ is better than ever. This cut-off wheel is free of iron, sulfur and chlorine, ensuring it will not contaminate stainless steel or other nickel alloyed steels. It offers cool, free cuts and the best overall performance on nickel alloyed steels.

TYPE 1



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	3/64" (.045")	7/8"	11-F 042	A-60	13,300	25	400
5"	3/64" (.045")	7/8"	11-F 052	A-60	12,200	25	400
6"	3/64" (.045")	7/8"	11-F 062	A-60	10,200	25	200
7"	1/16" (.062")	7/8"	11-F 072	A-46	8,600	25	100
9"	5/64" (.078")	7/8"	11-F 092	* A-46	6,600	25	100

* Must be used with 3" clamping flange No. 30-B 022 (according to ANSI B7.1)

TYPE 27



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	3/64" (.045")	7/8"	11-F 142	A-60	13,300	25	200
5"	3/64" (.045")	7/8"	11-F 152	A-60	12,200	25	400
6"	3/64" (.045")	7/8"	11-F 162	A-60	10,200	25	200
7"	1/16" (.062")	7/8"	11-F 172	A-46	8,600	25	100
9"	5/64" (.078")	7/8"	11-F 192	A-46	6,600	25	100



**Best wheel life and extra fast cutting in aluminum and other non-ferrous alloys*



ZIP ALU™

Fast and free cutting of aluminum without clogging

ZIP ALU™ is designed to provide long life and quick cuts on aluminum and other non-ferrous alloys. Our special abrasive blend provides smooth, cool cuts and is guaranteed not to clog, saving you time and money.

TYPE 1



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	3/64" (.045")	7/8"	11-U 042	A-60-ZIP-ALU	13,300	25	400
5"	3/64" (.045")	7/8"	11-U 052	A-60-ZIP-ALU	12,200	25	400
6"	3/64" (.045")	7/8"	11-U 062	A-60-ZIP-ALU	10,200	25	200
7"	1/16" (.062")	7/8"	11-U 072	A-30-ZIP-ALU	8,600	25	100

TYPE 27



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	3/64" (.045")	7/8"	11-U 142	A-60-ZIP-ALU	13,300	25	400
5"	3/64" (.045")	7/8"	11-U 152	A-60-ZIP-ALU	12,200	25	400
6"	3/64" (.045")	7/8"	11-U 162	A-60-ZIP-ALU	10,200	25	200
7"	1/16" (.062")	7/8"	11-U 172	A-30-ZIP-ALU	8,600	25	100



COMBO ZIP

Fast, safe cutting and deburring with one wheel

Safely cut and deburr with just one wheel. COMBO ZIP™ is the perfect fit when operators don't want the hassle of having to change out wheels to deburr, notch or chamfer immediately after cutting. Save time and improve worker safety with COMBO ZIP™.

- ▷ Cutting and deburring combined for less wheel changeover and greater productivity
- ▷ Reinforced like a grinding wheel to improve operator safety
- ▷ ZIP formulation guarantees fast cutting time and long life
- ▷ Equipped with a metal protective hub for extra strength, control and safety

TYPE 27

Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	5/64" (.078")	7/8"	11-T 842	A-60	13,300	25	400
5"	5/64" (.078")	7/8"	11-T 852	A-60	12,200	25	200
6"	5/64" (.078")	7/8"	11-T 862	A-60	10,200	25	200



THREE LAYERS
OF REINFORCEMENT AND
METAL CLADDING FOR
MAXIMUM SAFETY



Video available at The Walter Network
www.youtube.com/user/TheWalterNetwork



EXCELLENT CUTTING SPEED AND WHEEL LIFE

- ▶ *Fast, cool and free cutting, allowing the operator to work with minimal pressure for best control*
- ▶ *Superior life and cutting speed compared to competitive wheels*
- ▶ *24 grit wheels for faster cutting speeds*
- ▶ *60 grit wheels for longer life*

ZIP™

Performance cutting and grinding with straight shaft and die grinders

ZIP™ wheels offer the best performance available on straight shaft and die grinders. They are specially formulated to run cool for maximum life and are guaranteed not to contaminate stainless steel.

For notching applications, it is recommended that you use $\geq \frac{1}{8}$ ".

For grinding applications, $\frac{1}{2}$ " is recommended.

2" TYPE 1



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
2"	$\frac{1}{32}$ "	$\frac{1}{4}$ "	11-L 202	A-24	30,600	25	200
2"	$\frac{1}{32}$ "	$\frac{3}{8}$ "	11-L 203	A-60	30,600	25	200
2"	$\frac{1}{16}$ "	$\frac{5}{16}$ "	11-L 211	A-24	30,600	25	200
2"	$\frac{1}{16}$ "	$\frac{1}{4}$ "	11-L 212	A-24	30,600	25	200
2"	$\frac{1}{16}$ "	$\frac{3}{8}$ "	11-L 213	A-24	30,600	25	200
2"	$\frac{1}{8}$ "	$\frac{5}{16}$ "	11-L 221	A-24	30,600	25	200
2"	$\frac{1}{8}$ "	$\frac{3}{8}$ "	11-L 223	A-24	30,600	25	200
2"	$\frac{1}{4}$ "	$\frac{5}{16}$ "	11-L 231	A-24	30,600	25	200
2"	$\frac{1}{4}$ "	$\frac{3}{8}$ "	11-L 233	A-24	30,600	25	200
2"	$\frac{1}{2}$ "	$\frac{5}{16}$ "	11-L 251	A-24	30,600	25	200
2"	$\frac{1}{2}$ "	$\frac{3}{8}$ "	11-L 253	A-24	30,600	25	200

2 1/2" TYPE 1



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
2 1/2"	$\frac{1}{16}$ "	$\frac{3}{8}$ "	11-L 263	A-24	30,350	25	200



Video available at The Walter Network
www.youtube.com/user/TheWalterNetwork



3" TYPE 1



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
3"	$\frac{1}{32}$ "	$\frac{1}{4}$ "	11-L 302	A-60	25,470	25	200
3"	$\frac{1}{16}$ "	$\frac{1}{4}$ "	11-L 312	A-24	25,470	25	200
3"	$\frac{1}{8}$ "	$\frac{1}{4}$ "	11-L 322	A-24	25,470	25	200
3"	$\frac{1}{32}$ "	$\frac{3}{8}$ "	11-L 303	A-60	25,470	25	200
3"	$\frac{1}{16}$ "	$\frac{3}{8}$ "	11-L 317	A-60	25,470	25	200
3"	$\frac{1}{16}$ "	$\frac{3}{8}$ "	11-L 313	A-24	25,470	25	200
3"	$\frac{1}{8}$ "	$\frac{3}{8}$ "	11-L 323	A-24	25,470	25	200
3"	$\frac{1}{4}$ "	$\frac{3}{8}$ "	11-L 333	A-24	25,470	25	100
3"	$\frac{1}{2}$ "	$\frac{3}{8}$ "	11-L 353	A-24	25,470	25	100

4" TYPE 1



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4"	1/32"	3/8"	11-L 403	A-60	19,100	25	200
4"	1/16"	3/8"	11-L 413	A-24	19,100	25	200
4"	1/16"	3/8"	11-L 417	A-60	19,100	25	200
4"	1/8"	3/8"	11-L 423	A-24	19,100	25	200
4"	1/4"	3/8"	11-L 433	A-24	19,100	25	100
4"	1/2"	3/8"	11-L 453	A-24	19,100	25	75
4"	1/32"	5/8"	11-L 405	A-60	19,100	25	200
4"	1/16"	5/8"	11-L 415	A-24	19,100	25	200

3" & 4" TYPE 27



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
3"	1/32"	3/8"	11-L 308	* A-60	25,470	25	200
4"	1/32"	3/8"	11-L 408	** A-60	19,100	25	200

* Use with 1/4" mandrel 11-L 007

** Use with 1/4" mandrel 11-L 003

ZIP ALU™

Fast and free cutting of aluminum without clogging

Thin cut-off wheels specially formulated to cut a wide variety of aluminum, aluminum alloys and non-ferrous metals without clogging.

TYPE 1



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
3"	1/32"	3/8"	11-U 303	A-60	25,470	25	200
4"	1/32"	3/8"	11-U 403	A-60	19,100	25	200

- ▶ Ideal for flush cutting
- ▶ Metal hub cladding for extra strength and safety



- ▶ Best wheel life and extra fast cutting on aluminum

Mounting accessories

Flush mandrels with 1/4" shaft
for wheel thickness up to 1/2"

For 2 and 3" wheels, 1/4" and 3/8" arbor

11-L 007

For 2" wheels, 5/16" arbor

11-L 001

For 3" and 4" wheels, 1/4" arbor

11-L 006

For 3" and 4" wheels, 3/8" arbor

11-L 003

General purpose mandrels with 1/4" shaft
for wheel thickness up to 1/2"

For 2" wheels, 3/8" arbor

11-L 008

For 2" wheels, 5/16" arbor

11-L 002

For 3" and 4" wheels, 3/8" arbor

11-L 004

With 5/16" shaft

For 3" and 4" wheels, 3/8" arbor

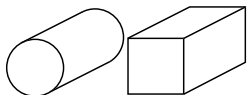
11-L 005



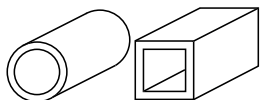
EXTRA FAST
CUTTING ON ALUMINUM
WITHOUT CLOGGING!



THE WHEEL OF CHOICE FOR SOLIDS AND STAINLESS TUBES



- ▷ Reinforced center
- ▷ Optimized for use on low power chop saws; reduces load on machine and creates less burrs
- ▷ The wheel of choice for solids and stainless steel tubing



- ▷ Double external reinforcement for extra safety
- ▷ The wheel of choice for tubing and extrusions
- ▷ Longer life for the toughest applications



- ▷ Fast and free cutting on all types of aluminum and non-ferrous metals
- ▷ Unique formulation which prevents clogging to extend wheel life



- ▷ Optimal cutting performance on titanium and brass
- ▷ Unique formulation prevents metal from overheating
- ▷ For portable and stationary saws

CHOPCUT™

Performance cutting with portable chop saws

These wheels have been developed specifically for use on portable chop saws. They put minimal load on the motor, making them easy on both the operator and the tool. Best of all, CHOPCUT™ wheels deliver quick cuts and exceptional lifespan.



CHOPCUT

General purpose

TYPE 1



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
12"	3/32"	1"	10-Q 123	A-30	5,100	10	50
14"	3/32"	1"	10-Q 143	A-30	4,400	10	50
16"	7/64"	1"	10-Q 163	A-30	3,800	10	30

CHOPCUT II

High performance

TYPE 1



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
12"	3/32"	1"	10-P 123	A-30	5,100	10	50
14"	3/32"	1"	10-P 143	A-30	4,400	10	50
16"	7/64"	1"	10-P 163	A-30	3,800	10	30

CHOPCUT ALU

ALU TYPE 1



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
12"	3/32"	1"	10-L 123	A-30	5,100	10	50
14"	3/32"	1"	10-L 143	A-30	4,400	10	50

CHOPCUT TITAN

Titanium TYPE 1



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
14"	1/8" (.125")	1"	10-H 143	C-30	4,400	10	50
16"	1/8" (.125")	1"	10-H 163	C-30	3,800	10	30

RIPCUT™

High performance cutting on stationary cut-off machines

Available in several styles, these heavily-reinforced wheels can tackle anything from thin walled profiles to heavy solids, while providing fast cuts and long life, to give you the lowest cost-per-cut in the industry.

RIPCUT

General purpose TYPE 1



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
12"	1/8"	1"	10-B 123	A-24	5,100	10	50
14"	1/8"	1"	10-B 143	A-24	4,400	10	30
16"	5/32"	1"	10-B 163	A-24	3,800	10	30
18"	3/16"	1"	10-B 183	A-24	3,400	10	20
20"	3/16"	1"	10-B 203	A-24	3,000	5	10

**FOR THE LOWEST
COST PER CUT!**

- ▶ *The most versatile wheel*
- ▶ *Cuts thin walled profiles to heavy solids*
- ▶ *The preferred wheel for low power machines (<10 HP)*

RIPCUT II

High performance TYPE 1



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
12"	1/8"	1"	10-A 123	A-24	5,100	10	50
14"	1/8"	1"	10-A 143	A-24	4,400	10	30
16"	5/32"	1"	10-A 163	A-24	3,800	10	30
18"	3/16"	1"	10-A 183	A-24	3,400	10	20
20"	3/16"	1"	10-A 203	A-24	3,000	5	10
20"	3/16"	40 mm	10-A 206	A-24	3,000	5	10

- ▶ *Outperforms all other comparable wheels*
- ▶ *Cuts almost anything from thin wall shapes to solid shafts*
- ▶ *For use on high power machines (>10 HP)*

RIPCUT STAINLESS

Stainless TYPE 1



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
14"	1/8"	1"	10-C 143	A-36	4,400	10	30

- ▶ *Specially formulated to cut all types of stainless and alloyed steels*
- ▶ *Fast and cool cutting with less burrs and discoloration*

Accessories

Reducer bushings

From	To	Order No.	From	To	Order No.
40 mm	1 1/2"	10-A 992	1"	7/8"	10-A 988
40 mm	1 1/4"	10-A 991	1"	3/4"	10-A 987
40 mm	1"	10-A 990	1"	5/8"	10-A 986
1"	20 mm	10-A 989	1"	1/2"	10-A 985





- ▷ General purpose cutting of steel and cast iron



- ▷ Designed for cutting of concrete, concrete blocks, stone, asphalt, etc.
- ▷ General purpose cutting of reinforced concrete pipes, ductile iron, PVC and other plastic pipes



- ▷ Made with premium abrasive grains and resin
- ▷ Heavily reinforced for maximum safety and smoothness
- ▷ Railcut II Long Life for longer life and use on softer (new) rail - Best option for hydraulic saws
- ▷ Railcut II Fast Cut for faster cutting and minimal deflection on hardened (used) rail - Best option for gas saws

PORTACUT™

High speed cutting with gas and electric power saws

These premium wheels stand out as the most reliable cut-off wheels for all on-site cutting jobs. Reinforced for added safety and formulated for an optimal cutting speed and wheel life ratio, PORTACUT™ is the preferred choice for professionals who demand "only the best" in performance and jobsite safety.

TYPE 1



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
12"	1/8"	20 mm STIHL	11-A 121	A-24	6,300	10	50
12"	1/8"	7/8" PARTNER	11-A 122	A-24	6,300	10	50
12"	1/8"	1"	11-A 123	A-24	6,300	10	50
14"	1/8"	20 mm STIHL	11-A 141	A-24	5,400	10	30
14"	1/8"	7/8" PARTNER	11-A 142	A-24	5,400	10	30
14"	1/8"	1"	11-A 143	A-24	5,400	10	30

TYPE 1



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
12"	1/8"	20 mm STIHL	11-D 121	C-24	6,300	10	50
12"	1/8"	7/8" PARTNER	11-D 122	C-24	6,300	10	50
12"	1/8"	1"	11-D 123	C-24	6,300	10	50
14"	1/8"	20 mm STIHL	11-D 141	C-24	5,400	10	30
14"	1/8"	7/8" PARTNER	11-D 142	C-24	5,400	10	30
14"	1/8"	1"	11-D 143	C-24	5,400	10	30

RAILCUT II™

Premium wheels for cutting all types of rail

RAILCUT II™ wheels are designed for fast cutting on all types of rails without glazing. They are heavily reinforced for maximum safety, smooth cutting and more cuts per wheel than ever before.

RAILCUT II LONG LIFE

TYPE 1



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
14"	5/32"	1"	11-V 143	A-24	5,400	10	30
16"	5/32"	1"	11-V 163	A-24	4,700	10	30

RAILCUT II FAST CUT

TYPE 1



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
14"	5/32"	1"	11-V 145	A-24	5,400	10	30
16"	5/32"	1"	11-V 165	A-24	4,700	10	30

Accessories

Reducer bushings

From	To	Order No.
1"	20 mm	10-A 989
1"	7/8"	10-A 988

ALLSTEEL™ CUT-OFF WHEELS

ALLSTEEL™ high-performance cut-off wheels are specially formulated for fast cutting action for a superior performance-to price ratio. Free of iron, sulfur and chlorine, they're guaranteed not to contaminate stainless steel or other nickel-alloyed steels.

TYPE 1							
Order No.	Dia.	Thick.	Arbor	Grit	Max RPM	Std. Pkg.	Std Ctn
11-W 042	4-1/2"	3/64" (.045)	7/8"	A-30	13,300	25	400
11-W 052	5"	3/64" (.045)	7/8"	A-30	12,250	25	400
11-W 062	6"	1/16" (.062)	7/8"	A-30	10,200	25	200
11-W 072	7"	5/64" (.078)	7/8"	A-30	8,500	25	100

TYPE 27							
Order No.	Dia.	Thick.	Arbor	Grit	Max RPM	Std. Pkg.	Std Ctn
11-W 142	4-1/2"	3/64" (.045)	7/8"	A-30	13,300	25	400
11-W 152	5"	3/64" (.045)	7/8"	A-30	12,250	25	400
11-W 162	6"	1/16" (.062)	7/8"	A-30	10,200	25	200
11-W 172	7"	5/64" (.078)	7/8"	A-30	8,500	25	100



- ▷ The perfect choice for steel and stainless steel
- ▷ Excellent overall performance
- ▷ Free of iron, sulfur and chlorine - will not contaminate stainless steel
- ▷ Type 1 ensures longer life
- ▷ Type 27 allows more clearance for flush cutting
- ▷ OSA Certification

ALLSTEEL™ MINI CUT-OFF WHEELS

Made of bonded aluminum oxide grains, ALLSTEEL™ mini cut-off wheels deliver excellent performance on straight shaft and die grinders, pneumatic or electric.

- ▷ Fast cut rate
- ▷ Perfect for cutting steel and stainless steel
- ▷ Free of iron, sulfur and chlorine - will not contaminate stainless steel

TYPE 1							
Order No.	Dia.	Thick.	Arbor	Grit	Max RPM	Std. Pkg.	Std Ctn
11-W 302	3"	1/32"	1/4"	A-46	25,470	25	150
11-W 303	3"	1/32"	3/8"	A-46	25,470	25	150
11-W 312	3"	1/16"	1/4"	A-46	25,470	25	150
11-W 313	3"	1/16"	3/8"	A-46	25,470	25	150
11-W 403	4"	1/32"	3/8"	A-46	19,100	25	150
11-W 413	4"	1/16"	3/8"	A-46	19,100	25	150
11-W 423	4"	1/8"	3/8"	A-46	19,100	25	150



ALLSTEEL™ CHOPSAW WHEELS

ALLSTEEL™ Chopsaw wheels offer optimal cutting rates. Made with a rigid and versatile body construction, these wheels are designed for the demands of portable chop saw applications.

- ▷ *Fast cuts on structural steel cross sections, pipes and tubing*
- ▷ *Great performance - excellent control for added safety*
- ▷ *Optimized for long life - the economical choice*
- ▷ *OSA Certification*

TYPE 1

Order No.	Dia.	Thick.	Arbor	Grit	Max RPM	Std. Pkg.	Std Ctn
10-W 123	12"	7/64"	1"	A-30	5,100	10	50
10-W 143	14"	1/8"	1"	A-30	4,400	10	30



ALLSTEEL™ GAS SAW WHEELS

ALLSTEEL™ gas saw wheels are engineered to cut all ferrous metals including steel and stainless steel, quickly and efficiently. These high-performance wheels are heavily reinforced for maximum operator safety. They run cool and provide clean cuts and a long wheel-life.

- ▷ *Perfect for cutting steel and stainless steel*
- ▷ *Provides a cool, clean cut*
- ▷ *Excellent control for optimum safety*

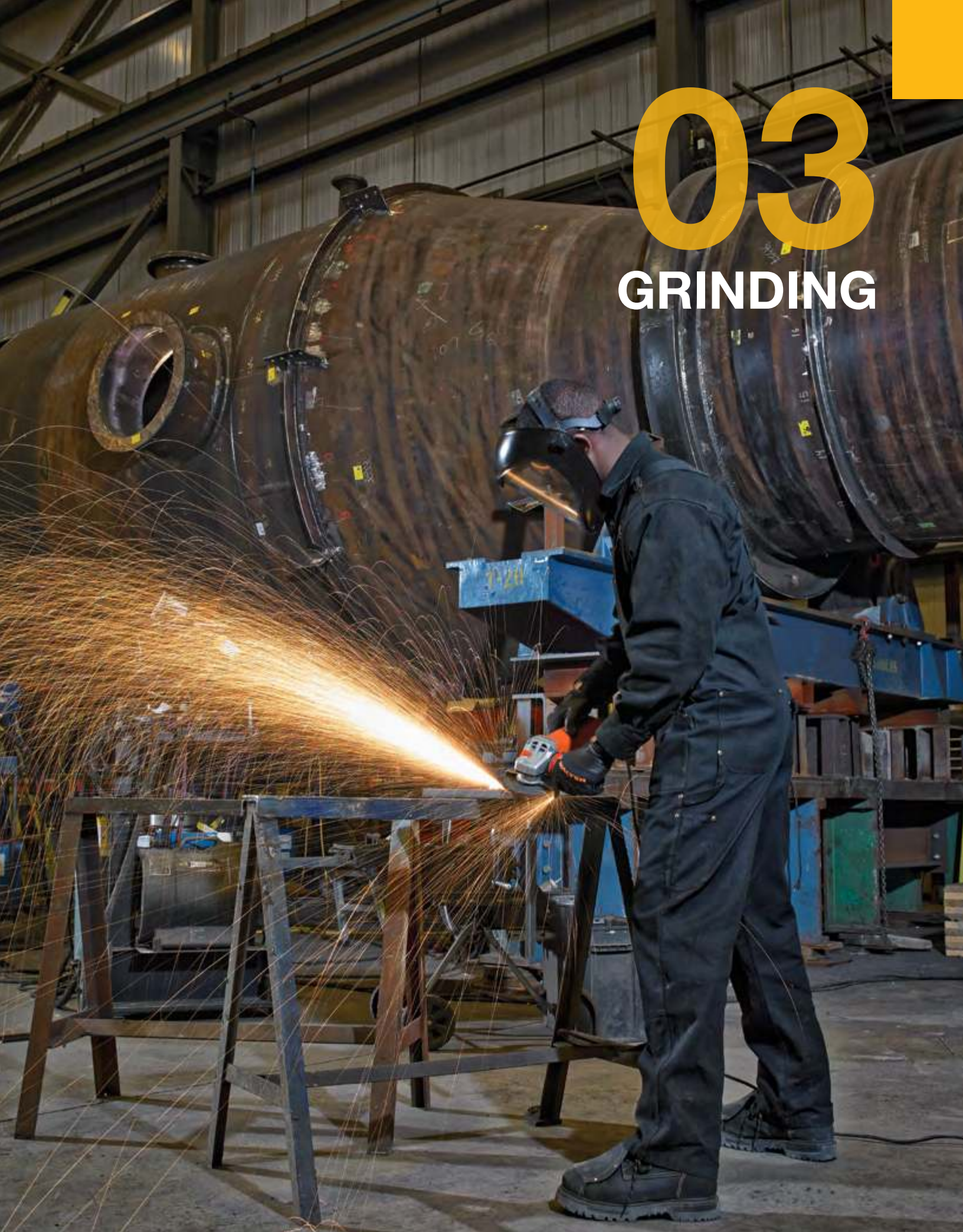
TYPE 1

Order No.	Dia.	Thick.	Arbor	Grit	Max RPM	Std. Pkg.	Std Ctn
11-W 321	12"	1/8"	20 mm (STIHL)	A-24	6,300	10	50
11-W 341	14"	1/8"	20 mm (STIHL)	A-24	5,400	10	30



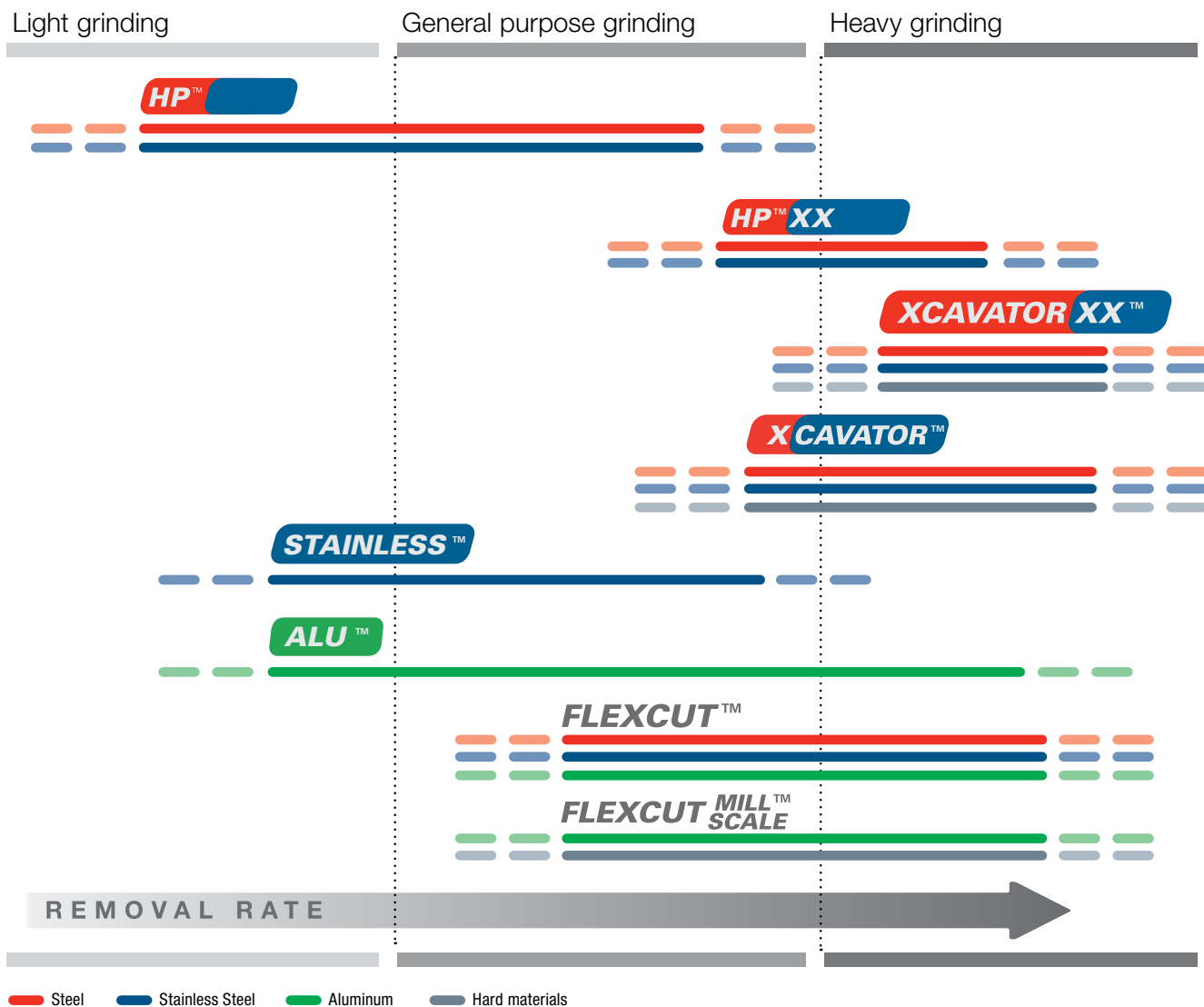
03

GRINDING



GRINDING PRODUCTS AT A GLANCE

RECOMMENDED BY TYPE OF USAGE



EXCLUSIVE TO WALTER

CONVENIENT AND SAFE!

SPIN-ON quick-change mounting

- Ultra resistant built-in threaded arbor for quick and easy disc changes while ensuring operator safety
- All the safety and comfort of using a wheel with a 5/8"-11 metal hub at just a fraction of the price



XCAVATOR XX™

Ultra-fast removal, stress-free

Walter's all-new Xcavator™ XX delivers premium performance so operators can remove more material faster in a comfortable grinding experience. Its unique ceramic grain blend delivers ultra-fast removal rates while reducing operator stress. Its durability and long life contribute to fewer wheel changeovers. The all-powerful Xcavator™ XX is the most productive wheel for heavy-duty grinding on steel and stainless steel. Work better. Work less.



1/8" TYPE 27       

Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/8"	7/8"	08-X 452	CA-24	13,300	10	40
5"	1/8"	7/8"	08-X 502	CA-24	12,250	10	40
6"	1/8"	7/8"	08-X 602	CA-24	10,200	10	40
7"	1/8"	7/8"	08-X 702	CA-24	8,600	10	40
9"	1/8"	7/8"	08-X 902	CA-24	6,650	10	40

1/4" TYPE 27       

Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/4"	7/8"	08-X 450	CA-24	13,300	10	40
5"	1/4"	7/8"	08-X 500	CA-24	12,250	10	40
6"	1/4"	7/8"	08-X 600	CA-24	10,200	10	40
7"	1/4"	7/8"	08-X 700	CA-24	8,600	10	40
9"	1/4"	7/8"	08-X 900	CA-24	6,650	10	40

1/8" TYPE 27       

Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/8"	5/8"-11 Metal hub	08-X 457	CA-24	13,300	10	40
6"	1/8"	5/8"-11 Metal hub	08-X 607	CA-24	10,200	10	40
7"	1/8"	5/8"-11 Metal hub	08-X 707	CA-24	8,600	10	40
9"	1/8"	5/8"-11 Metal hub	08-X 907	CA-24	6,650	10	40

1/4" TYPE 27       

Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/4"	5/8"-11 Metal hub	08-X 455	CA-24	13,300	10	40
6"	1/4"	5/8"-11 Metal hub	08-X 605	CA-24	10,200	10	40
7"	1/4"	5/8"-11 Metal hub	08-X 705	CA-24	8,600	10	40
9"	1/4"	5/8"-11 Metal hub	08-X 905	CA-24	6,650	10	40

ULTRA-FAST
REMOVAL RATE
ON THE TOUGHEST
METALS

- ▶ Ultra-fast removal rate
- ▶ Comfortable grinding experience that maximizes productivity
- ▶ Advanced design prevents edge flaking for better balance and safety
- ▶ Ferrous-free formulation (will not contaminate stainless steel)



XCAVATOR™

High removal rate on steel, stainless steel and hard metals

Xcavator™ has been redesigned to incorporate the latest innovation in Type 27 depressed center grinding wheels. The new Comfort Max™ Technology in the hub of the wheel helps to minimize vibration, providing the operator with more comfortable, ergonomic work conditions without sacrificing productivity. Xcavator™ delivers premium performance, high removal rate in steel and stainless steel and can confront some of the industry's toughest metals, such as tungsten carbide and quenched and tempered steel. Eliminate bottlenecks in your production process and reduce the amount of time spent grinding with the new and improved Xcavator™ with Comfort Max™ Technology, exclusive to Walter Surface Technologies.



1/4" TYPE 27       							
Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/4"	7/8"	08-P 460	ZA-16	13,300	25	100
5"	1/4"	7/8"	08-P 510	ZA-16	12,200	25	100
6"	1/4"	7/8"	08-P 600	ZA-16	10,200	25	100
7"	1/4"	7/8"	08-P 700	ZA-16	8,600	25	50
9"	1/4"	7/8"	08-P 900	ZA-16	6,600	25	50

1/4" TYPE 27S        							
Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/4"	5/8"-11	08-P 450	ZA-16	13,300	20	80
5"	1/4"	5/8"-11	08-P 500	ZA-16	12,200	20	80

Always use with flange 30-B 057.

1/4" TYPE 27       							
Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/4"	5/8"-11 Metal hub	08-P 455	ZA-24	13,300	10	40
7"	1/4"	5/8"-11 Metal hub	08-P 705	ZA-24	8,600	10	40
9"	1/4"	5/8"-11 Metal hub	08-P 905	ZA-24	6,600	10	40

GUARANTEES

HIGH REMOVAL IN THE INDUSTRY'S TOUGHEST METALS

- ▶ *Comfort Max™ Technology provides a smoother, more comfortable grinding experience without sacrificing productivity*
- ▶ *Patented multi-layer technology*
- ▶ *Advanced design prevents edge flaking for better balance and added safety*
- ▶ *Optimal power transfer from operator to working surface*
- ▶ *Fe-Free formulation (guaranteed not to contaminate stainless steel)*





SMOOTH GRINDING WITH AN AGGRESSIVE, CONTROLLED BITE

- High performance wheel that grinds off metal swiftly
- Smooth grinding with an aggressive, controlled bite
- Long wheel life



Video available at The Walter Network
www.youtube.com/user/TheWalterNetwork



HP™

High performance and exceptional comfort for everyday grinding

The new and improved HP™ has set new industry benchmarks in general purpose grinding on steel and stainless steel. With an abrasive grain formula engineered for greater hardness and wear resistance, HP™ wheels remove metal faster and with less effort to provide one of the best overall values in grinding.

1/4" TYPE 27S



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/4"	5/8"-11	08-B 450	A-30	13,300	20	80
4 1/2"	1/4"	5/8"-11 Metal hub	08-B 455	A-30	13,300	10	80
5"	1/4"	5/8"-11	08-B 500	A-30	12,200	20	80
5"	1/4"	5/8"-11 Metal hub	08-B 505	A-30	12,200	10	80
6"	1/4"	5/8"-11	08-B 630	A-24	10,200	20	80
7"	1/4"	5/8"-11 Metal hub	08-B 715	A-24	8,600	10	40
9"	1/4"	5/8"-11 Metal hub	08-B 915	A-24	6,600	10	40

Always use 1/4" wheels with flange 30-B 057.

1/4" TYPE 28S



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/4"	5/8"-11	08-B 451	A-24	13,300	20	80
5"	1/4"	5/8"-11	08-B 501	A-24	12,200	20	80
7"	1/4"	5/8"-11 Metal hub	08-B 706	A-24	8,600	10	40
9"	1/4"	5/8"-11 Metal hub	08-B 906	A-24	6,600	10	40

Always use 1/4" wheels with flange 30-B 057.

1/4" TYPE 27



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
3"	1/4"	3/8"	08-B 310	A-30	20,000	25	100
4"	1/4"	3/8"	08-B 410	A-30	15,300	25	100
4"	1/4"	5/8"	08-B 400	A-30	15,300	25	100
4 1/2"	1/4"	7/8"	08-B 460	A-30	13,300	25	100
5"	1/4"	7/8"	08-B 510	A-30	12,200	25	100
6"	1/4"	7/8"	08-B 600	A-24	10,200	25	100
7"	1/4"	7/8"	08-B 710	A-24	8,600	25	50
9"	1/4"	7/8"	08-B 910	A-24	6,600	25	50

1/4" TYPE 28



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
7"	1/4"	7/8"	08-B 701	A-24	8,600	25	50
9"	1/4"	7/8"	08-B 901	A-24	6,600	25	50

**GET DOUBLE THE LIFE OF YOUR
HP WHEELS WHEN COMBINED
WITH THE MINI PLUS!**

See page 164.



HP COMBO™

High performance cutting and grinding; all in one wheel

These 1/8" wheels set new standards for performance in combined depressed center wheels (for portable angle grinders). They are specially reinforced to withstand the stress in off-hand cutting operations. Whether cutting, grooving, notching or light grinding, these wheels are guaranteed to give you the longest wheel life, fastest material removal and maximum safety.



1/8" TYPE 27S



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/8"	5/8"-11	08-B 452	A-30	13,300	25	200
4 1/2"	1/8"	5/8"-11 Metal hub	08-B 457	A-30	13,300	10	80
5"	1/8"	5/8"-11	08-B 502	A-30	12,200	25	200
5"	1/8"	5/8"-11 Metal hub	08-B 507	A-30	12,200	10	80
6"	1/8"	5/8"-11	08-B 632	A-24	10,200	25	100
7"	1/8"	5/8"-11 Metal hub	08-B 717	A-24	8,600	10	40
9"	1/8"	5/8"-11 Metal hub	08-B 917	A-24	6,600	10	40

Always use 1/8" wheels with flange 30-B 057.

1/8" TYPE 27



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
3"	1/8"	3/8"	08-B 312	A-24	20,000	25	200
4"	1/8"	3/8"	08-B 412	A-24	15,300	25	200
4"	1/8"	5/8"	08-B 402	A-24	15,300	25	200
4 1/2"	1/8"	7/8"	08-B 462	A-30	13,300	25	200
5"	1/8"	7/8"	08-B 512	A-30	12,200	25	200
6"	1/8"	7/8"	08-B 602	A-30	10,200	25	100
7"	1/8"	7/8"	08-B 712	A-30	8,600	25	100
9"	1/8"	7/8"	08-B 912	A-30	6,600	25	100

IDEAL FOR BOTH
CUTTING AND GRINDING
WORK

- ▶ Hold its cutting edge longer to provide more cuts per wheel
- ▶ Designed for maximum operator safety



Video available at The Walter Network
www.youtube.com/user/TheWalterNetwork



- ▶ Our longest lasting grinding wheel
- ▶ Improved bonding technology and state-of-the-art manufacturing ensure a working life that is unsurpassed

SPIN-ON

Additional benefits of Spin-On

- ▶ Built-in threaded arbor ensures minimum vibration for maximum operator comfort
- ▶ No need for a pin key

All 7" x 1/8", 7" x 1/4", 9" x 1/8" and 9" x 1/4" depressed center wheels are available with threaded hubs 5/8"-11 mounted.

Order numbers for mounted wheels are 5-numbers higher.

For example:

08-B 712 + 5 = 08-B 717 = 7" x 1/8" x 5/8"-11

A-30-COMBO cutting/grinding wheel.

Std. Pkg.: 10.



GET DOUBLE THE LIFE OF YOUR HP XX WHEELS WHEN COMBINED WITH THE PRO 5 GRINDER!

See page 165

HP XX™

Premium grinding at the lowest overall cost

HP XX™ incorporates the latest advances in abrasive grain, bonding and manufacturing technology to substantially lower your total grinding costs. With the longest life in our grinding wheel lineup and extremely aggressive material removal, HP XX™ will allow you to achieve the lowest overall cost of grinding on steel.

1/8" TYPE 27

Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/8"	7/8"	08-H 452	ZA-24	13,300	25	200
5"	1/8"	7/8"	08-H 502	ZA-24	12,200	25	200
6"	1/8"	7/8"	08-H 602	ZA-24	10,200	25	200
7"	1/8"	7/8"	08-H 702	ZA-24	8,600	25	100
9"	1/8"	7/8"	08-H 902	ZA-24	6,600	25	100

1/8" TYPE 27

Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/8"	5/8"-11 Metal hub	08-H 457	ZA-24	13,300	10	40
7"	1/8"	5/8"-11 Metal hub	08-H 707	ZA-24	8,600	10	40

1/4" TYPE 27S

Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/4"	5/8"-11	08-K 450	ZA-20	13,300	20	80
5"	1/4"	5/8"-11	08-K 500	ZA-20	12,200	20	80

Always use with flange 30-B 057 listed on page 159.

1/4" TYPE 27

Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/4"	7/8"	08-H 450	ZA-24	13,300	25	100
4 1/2"	1/4"	5/8"-11 Metal hub	08-H 455	ZA-24	13,300	10	40
5"	1/4"	7/8"	08-H 500	ZA-24	12,200	25	100
6"	1/4"	7/8"	08-H 600	ZA-24	10,200	25	100
7"	1/4"	7/8"	08-H 700	ZA-24	8,600	25	50
7"	1/4"	5/8"-11 Metal hub	08-H 705	ZA-24	8,600	10	40
9"	1/4"	7/8"	08-H 900	ZA-24	6,600	25	50
9"	1/4"	5/8"-11 Metal hub	08-H 905	ZA-24	6,600	10	40

1/4" TYPE 28

Dia.	Thick.	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
7"	1/4"	7/8"	08-K 701	ZA-24-HPS	8,600	25	50
7"	1/4"	5/8"-11 Metal hub	08-K 706	ZA-16	8,600	10	40
9"	1/4"	7/8"	08-K 901	ZA-24-HPS	6,600	25	50
9"	1/4"	5/8"-11 Metal hub	08-K 906	ZA-16	6,600	10	40



1/8" cutting and light grinding:

- ▷ High performance cutting and intermittent light grinding
- ▷ Maintain a superior cutting edge



1/4" grinding:

- ▷ Fast and easy changeover of wheel for minimum downtime
- ▷ High performance and superior control in the most demanding grinding applications

**WILL NOT
CONTAMINATE
STAINLESS STEEL**

- ▷ Fast and cool stock removal
- ▷ High performance and superior control in the most demanding grinding applications

STAINLESS™

Superior performance on stainless steel

When you need a wheel that is guaranteed not to contaminate stainless steel, this is the wheel for the job. These wheels do not contain any iron, sulfur or chlorine and are designed to hug the workpiece for controlled grinding and a smooth, high quality finish.

1/8" TYPE 27S

SPIN-ON



Fe-S-Cl
<0.1%



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/8"	5/8"-11	08-F 452	A-30	13,300	25	100
4 1/2"	1/8"	5/8"-11 Metal hub	08-F 457	A-30	13,300	10	40
5"	1/8"	5/8"-11	08-F 502	A-30	12,200	25	100
7"	1/8"	5/8"-11 Metal hub	08-F 707	A-30	8,600	10	40

1/8" TYPE 27



Fe-S-Cl
<0.1%



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/8"	7/8"	08-F 462	A-30	13,300	25	200
5"	1/8"	7/8"	08-F 512	A-30	12,200	25	200
6"	1/8"	7/8"	08-F 602	A-30	10,200	25	100
7"	1/8"	7/8"	08-F 702	A-30	8,600	25	100
9"	1/8"	7/8"	08-F 902	A-30	6,600	25	100

Always use 1/8" wheels with flange 30-B 057.

1/4" TYPE 27S

SPIN-ON



Fe-S-Cl
<0.1%



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/4"	5/8"-11	08-F 450	A-30	13,300	20	80
4 1/2"	1/4"	5/8"-11 Metal hub	08-F 455	A-30	13,300	10	40
5"	1/4"	5/8"-11	08-F 500	A-30	12,200	20	80
7"	1/4"	5/8"-11 Metal hub	08-F 705	A-30	8,600	10	40
9"	1/4"	5/8"-11 Metal hub	08-F 905	A-30	6,600	10	40

1/4" TYPE 27



Fe-S-Cl
<0.1%



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/4"	7/8"	08-F 460	A-30	13,300	25	100
5"	1/4"	7/8"	08-F 510	A-30	12,200	25	100
6"	1/4"	7/8"	08-F 600	A-30	10,200	25	100
7"	1/4"	7/8"	08-F 700	A-30	8,600	25	50
9"	1/4"	7/8"	08-F 900	A-30	6,600	25	50

1/4" TYPE 28S

SPIN-ON



Fe-S-Cl
<0.1%



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/4"	5/8"-11	08-F 451	A-30	13,300	10	80
5"	1/4"	5/8"-11	08-F 501	A-30	12,200	10	80

Always use 1/4" wheels with flange 30-B 057.



NO CLOGGING IN ANY TYPE OF ALUMINUM

1/8" cutting and light grinding:

- ▷ Formulated for cutting but may also be used for intermittent light grinding
- ▷ Fast and free cutting

1/4" grinding:

- ▷ Fast removal rate and long wheel life
- ▷ Free of waxes and lubricants



- ▷ Fast and free cutting
- ▷ Formulated for cutting but may also be used for intermittent light grinding
- ▷ Excellent control in demanding applications
- ▷ Extra hard silicon carbide grain for fast material removal and long wheel life
- ▷ Superior performance in hard facing and cast iron

ALU™

For use on aluminum and other soft metals

These wheels will not clog or glaze when working with aluminum or other non-ferrous metals. They are free of waxes and lubricants, so there is no need to clean the surface before welding or applying a surface coating, eliminating a time-consuming step in surface preparation.

1/8" TYPE 27



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/8"	7/8"	08-L 452	A-24	13,300	25	200
5"	1/8"	7/8"	08-L 502	A-24	12,200	25	200
6"	1/8"	7/8"	08-L 602	A-24	10,200	25	100
7"	1/8"	7/8"	08-L 702	A-24	8,600	25	100
7"	1/8"	5/8"-11 Metal hub	08-L 707	A-24	8,600	10	40
9"	1/8"	7/8"	08-L 902	A-24	6,600	25	100
9"	1/8"	5/8"-11 Metal hub	08-L 907	A-24	6,600	10	40

1/4" TYPE 27



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/4"	7/8"	08-L 450	A-24	13,300	25	100
4 1/2"	1/4"	5/8"-11 Metal hub	08-L 455	A-24	13,300	10	40
5"	1/4"	7/8"	08-L 500	A-24	12,200	25	100
6"	1/4"	7/8"	08-L 600	A-24	10,200	25	100
7"	1/4"	7/8"	08-L 700	A-24	8,600	25	50
7"	1/4"	5/8"-11 Metal hub	08-L 705	A-24	8,600	10	40
9"	1/4"	7/8"	08-L 900	A-24	6,600	25	50
9"	1/4"	5/8"-11 Metal hub	08-L 905	A-24	6,600	10	40

CONCRETE™

High performance grinding and cutting

These wheels have multiple high strength reinforcements and durable bond for extra safety in tough grinding and cutting applications. They are designed for fast material removal and smooth grinding and cutting of concrete, masonry, stone and other similar building materials.

1/8" TYPE 27



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/8"	7/8"	08-D 452	C-24	13,300	25	200
5"	1/8"	7/8"	08-D 502	C-24	12,200	25	200
7"	1/8"	7/8"	08-D 702	C-24	8,600	25	100

1/4" TYPE 27



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/4"	7/8"	08-E 450	C-24	13,300	25	100
5"	1/4"	7/8"	08-E 500	C-24	12,200	25	100
7"	1/4"	7/8"	08-E 700	C-24	8,600	25	50

FLEXCUT™

Premium performance on curved or uneven surfaces

FLEXCUT™, the leading flexible grinding wheel for over 25 years, is specially formulated to deliver superior removal on all ferrous and non-ferrous metals without clogging or loading.



TYPE 29



Dia.	Arbor	Grit	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
3"	3/8"	A-36-X-FLEX	15-L 303	* 20,400	25	200
3"	3/8"	A-60-X-FLEX	15-L 306	* 20,400	25	200
4 1/2"	7/8"	A-36-X-FLEX	15-L 463	13,300	25	200
5"	7/8"	A-36-X-FLEX	15-L 513	12,200	25	200
5"	7/8"	A-60-X-FLEX	15-L 516	12,200	25	200
7"	7/8"	A-24-X-FLEX	15-L 702	8,600	25	100
7"	7/8"	A-36-X-FLEX	15-L 703	8,600	25	100
7"	7/8"	A-60-X-FLEX	15-L 706	8,600	25	100
7"	7/8"	A-100-X-FLEX	15-L 710	8,600	25	100

*Use with 1/4" mandrel 11-L 007.

BLENDS IN PERFECTLY
ON UNEVEN SURFACES
AND WILL NEVER CLOG
ON ALUMINUM



TYPE 29S



SPIN-ON



Dia.	Arbor	Grit	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	5/8"-11	A-36-X-FLEX	15-L 453	13,300	25	100
4 1/2"	5/8"-11	A-60-X-FLEX	15-L 456	13,300	25	100
4 1/2"	5/8"-11	A-100-X-FLEX	15-L 460	13,300	25	200
5"	5/8"-11	A-36-X-FLEX	15-L 503	12,200	25	100
5"	5/8"-11	A-60-X-FLEX	15-L 506	12,200	25	100
5"	5/8"-11	A-100-X-FLEX	15-L 510	12,200	25	200
6"	5/8"-11	A-24-X-FLEX	15-L 602	10,200	25	200
6"	5/8"-11	A-36-X-FLEX	15-L 603	10,200	25	200
6"	5/8"-11	A-60-X-FLEX	15-L 606	10,200	25	200

Always use SPIN-ON wheels with flange 30-B 057.

Deep Diamond-Cut™ pattern and optimized formulation offer:

- ▷ **More flexibility**
- ▷ **Best handling on flat and curved surfaces**
- ▷ **Cooler grinding**
- ▷ **Better stock removal in all materials (steel, stainless steel, aluminum)**



Video available at The Walter Network
www.youtube.com/user/TheWalterNetwork

FLEXCUT MILL SCALE™

Quick, consistent removal of mill scale

Are you tired of changing out wheels every few minutes as they glaze over or clog during mill scale removal? FLEXCUT MILL SCALE™ is a flexible grinding wheel designed to last longer and remove mill scale quicker than any other abrasive. That's because FLEXCUT MILL SCALE™ is the first abrasive ever designed exclusively for the purpose of removing mill scale from hot rolled steel. Save time and quit throwing away wheels every few minutes. Switch to FLEXCUT MILL SCALE™ today for easy removal of mill scale and rust.



SPIN-ON

TYPE 29S



Fe-S-Cl
<0.1%



Mill Scale
Alu. +
n.t. metals

Dia.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	5/8"-11	15-L 843	A-36-FLEX	13,300	25	100
5"	5/8"-11	15-L 853	A-36-FLEX	12,200	25	200
6"	5/8"-11	15-L 863	A-36-FLEX	10,200	25	100

Always use SPIN-ON wheels with flange 30-B 057.

TYPE 29



Fe-S-Cl
<0.1%



Mill Scale
Alu. +
n.t. metals

Dia.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
7"	7/8"	15-L 873	A-36-FLEX	8,600	25	100

- ▷ Unique blend of highly refined abrasives allows ultra quick cutting action without glazing or clogging
- ▷ Open diamond cut pattern prevents clogging
- ▷ Extremely effective for heavily rusted plates, aluminum or galvanized metal and painted material
- ▷ Fe-free formulation – guaranteed not to contaminate aluminum
- ▷ Cool cutting action

 **YouTube**

Video available at The Walter Network
www.youtube.com/user/TheWalterNetwork





- ▷ Thin for fast and free cutting and grooving
- ▷ Can also be used for cutting sheet metal

- ▷ Ideal for use with low power angle grinders
- ▷ Grind joint welds with ease
- ▷ Can be used for intermittent light grinding, facing and bevelling work

- ▷ Formulated for light grinding, cutting and notching



PIPEFITTER™

Designed for premium performance in pipeline construction

These wheels are specially formulated and reinforced for grinding the root pass and joint welds between passes in pipeline construction and pipe fabrication. They do not contain iron, sulfur or chlorine (Fe, S, Cl) and are guaranteed not to contaminate stainless steel.

3/32"

TYPE 27



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	3/32"	7/8"	08-N 453	A-36	13,300	25	200
5"	3/32"	7/8"	08-N 503	A-36	12,200	25	200
6"	3/32"	7/8"	08-N 603	A-36	10,200	25	100
7"	3/32"	7/8"	08-N 703	A-36	8,600	25	100

1/8"

TYPE 27



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/8"	7/8"	08-N 452	A-36	13,300	25	200
5"	1/8"	7/8"	08-N 502	A-36	12,200	25	200
6"	1/8"	7/8"	08-N 602	A-24	10,200	25	100
7"	1/8"	7/8"	08-N 702	A-24	8,600	25	100

5/32"

TYPE 27



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	5/32"	7/8"	08-N 454	A-36	13,300	25	200
5"	5/32"	7/8"	08-N 504	A-36	12,200	25	200
6"	5/32"	7/8"	08-N 604	A-20	10,200	25	100
7"	5/32"	7/8"	08-N 704	A-20	8,600	25	100
9"	5/32"	7/8"	08-N 904	A-20	6,600	25	100

TYPE 27S



SPIN-ON



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
5"	3/32"	5/8"-11	08-N 533	A-36	12,200	25	200
6"	3/32"	5/8"-11	08-N 633	A-36	10,200	25	100
6"	5/32"	5/8"-11	08-N 634	A-20	10,200	25	100
7"	3/32"	5/8"-11 Metal hub	08-N 708	A-20	8,600	10	40
7"	5/32"	5/8"-11 Metal hub	08-N 709	A-20	8,600	10	40
9"	5/32"	5/8"-11 Metal hub	08-N 909	A-20	6,600	10	40

Always use with flange 30-B 057.

HP CUP WHEELS

Walter HP Cup Wheels are designed for rough grinding or snagging work. Each wheel has a deeply anchored wrap-around steel hub for maximum safety and long life. A $\frac{5}{8}$ "-11 threaded arbor for SPIN-ON mounting reduces downtime for wheel changes and helps you finish your toughest grinding jobs faster.

TYPE 11



Dia.	Arbor	Grit	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
4"	$\frac{5}{8}$ "-11	A-16	12-A 004	9,100	1	10
5"	$\frac{5}{8}$ "-11	A-16	12-A 005	7,260	1	10
6"	$\frac{5}{8}$ "-11	A-16	12-A 006	6,050	1	10



TYPE 11



Dia.	Arbor	Grit	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
4"	$\frac{5}{8}$ "-11	C-16	12-B 004	9,100	1	10
5"	$\frac{5}{8}$ "-11	C-16	12-B 005	7,260	1	10
6"	$\frac{5}{8}$ "-11	C-16	12-B 006	6,050	1	10

- ▷ For heavy-duty grinding
- ▷ Excellent wheel life
- ▷ Engineered for maximum operator safety

PLUGS AND CONES

Very popular in foundries, steel mills and fabricating shops for heavy stock removal in hard to reach areas. Each abrasive has an internal threaded arbor for direct mounting.



Shape	Dia.	Length	Arbor	Grit	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
16	1 1/2"	2 1/2"	$\frac{3}{8}$ "-24	ZA16	12-C 101	24,200	1	10
16	1 1/2"	3"	$\frac{5}{8}$ "-11	ZA16	12-C 111	24,200	1	10
16	2"	3"	$\frac{5}{8}$ "-11	ZA16	12-C 121	18,100	1	10
17	1 1/2"	3"	$\frac{5}{8}$ "-11	ZA16	12-C 401	24,200	1	10
17	2"	4"	$\frac{5}{8}$ "-11	ZA16	12-C 421	18,100	1	10
18	1"	2"	$\frac{3}{8}$ "-24	ZA16	12-C 301	36,200	1	10
18	1 1/2"	3"	$\frac{5}{8}$ "-11	ZA16	12-C 311	24,200	1	10
18	2"	3"	$\frac{5}{8}$ "-11	ZA16	12-C 321	18,100	1	10
18R	1 1/2"	3"	$\frac{5}{8}$ "-11	ZA16	12-C 201	24,200	1	10
18R	2"	3"	$\frac{5}{8}$ "-11	ZA16	12-C 211	18,100	1	10
18R	3"	4"	$\frac{5}{8}$ "-11	ZA16	12-C 221	12,100	1	10



- ▷ For grinding, shaping, cleaning, blending and deburring of internal and external contours
- ▷ Fast material removal, long life



- ▷ For fitting, shaping, enlarging holes and finishing work in confined spaces
- ▷ For use on die grinders, point grinders, flexible shaft machines, etc.
- ▷ A complete line to address all your specific needs
- ▷ Faster removal AND longer lasting



MOUNTED POINTS

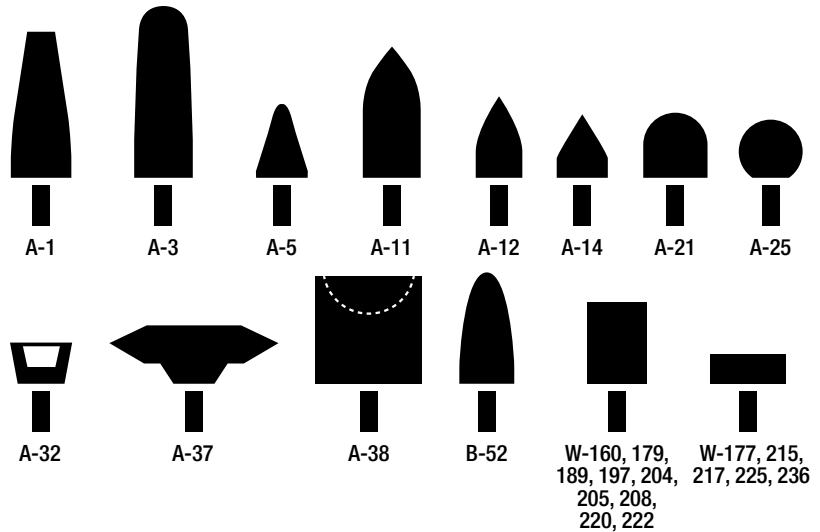
Versatile tools for fitting, shaping and enlarging holes

These mounted points are ideal for finishing work in confined spaces. They are made from the finest grade of abrasive grains, and each is perfectly balanced to minimize vibration.

Blue-grey for mild steel and cast iron

Orange for tool and high tensile steel

Resin bond for stainless steel



BLUE-GREY

Type	Dia.	Length	Shaft	Order No.	Grit	Max. RPM	Std. Pkg.	Std. Ctn.
A-1	3/4"	2 1/2"	1/4"	12-D 002	A36	19,800	1	10
A-3	1"	2 3/4"	1/4"	12-D 012	A36	16,100	1	10
A-5	3/4"	1 1/8"	1/4"	12-D 022	A36	45,000	1	10
A-11	7/8"	2"	1/4"	12-D 032	A36	19,800	1	10
A-12	1 1/16"	1 1/4"	1/4"	12-D 037	A36	48,000	1	10
A-14	1 1/16"	7/8"	1/4"	12-D 047	A36	48,000	1	10
A-21	1"	1"	1/4"	12-D 057	A36	34,500	1	10
A-25	1"	1"	1/4"	12-D 077	A36	35,600	1	10
A-32	1"	5/8"	1/4"	12-D 092	A36	38,200	1	10
A-38	1"	1"	1/4"	12-D 122	A36	34,500	1	10
B-52	3/8"	3/4"	1/4"	12-D 232	A36	45,370	1	10
B-52	3/8"	3/4"	1/4"	12-D 242	A36	45,370	1	10
W-179	3/8"	1 1/4"	1/4"	12-D 592	A36	45,750	1	10
W-197	5/8"	2"	1/4"	12-D 677	A36	21,000	1	10
W-205	3/4"	1"	1/4"	12-D 722	A36	34,500	1	10
W-217	1"	3/8"	1/4"	12-D 782	A36	38,200	1	10
W-220	1"	1"	1/4"	12-D 797	A36	25,500	1	10
W-222	1"	2"	1/4"	12-D 807	A36	15,900	1	10
W-225	1 1/4"	1/4"	1/4"	12-D 822	A36	30,560	1	10



Tech tip!

Use dressing stones to extend product life and allow mounted points or bench grinding wheels to cut faster and produce a better surface finish.

**ORANGE**

Type	Dia.	Length	Shaft	Order No.	Grit	Max. RPM	Std. Pkg.	Std. Ctn.
A-1	¾"	2 ½"	¼"	12-D 001	A60	19,800	1	10
A-3	1"	2 ¾"	¼"	12-D 011	A60	16,100	1	10
A-5	¾"	1 ⅝"	¼"	12-D 021	A60	45,000	1	10
A-11	⅞"	2"	¼"	12-D 031	A60	19,800	1	10
A-12	1 ⅛"	1 ¼"	¼"	12-D 036	A60	48,000	1	10
A-14	1 ⅛"	⅞"	¼"	12-D 046	A60	48,000	1	10
A-21	1"	1"	¼"	12-D 056	A60	34,500	1	10
A-25	1"	1"	¼"	12-D 076	A60	35,600	1	10
A-32	1"	⅝"	¼"	12-D 091	A60	38,200	1	10
A-37	1 ¼"	¼"	¼"	12-D 116	A60	30,560	1	10
A-38	1"	1"	¼"	12-D 121	A60	34,500	1	10
W-179	⅝"	1 ¼"	¼"	12-D 591	A60	45,750	1	10
W-197	⅝"	2"	¼"	12-D 676	A60	21,000	1	10
W-205	¾"	1"	¼"	12-D 721	A60	34,500	1	10
W-217	1"	⅝"	¼"	12-D 781	A60	38,200	1	10
W-220	1"	1"	¼"	12-D 796	A60	25,500	1	10
W-222	1"	2"	¼"	12-D 806	A60	15,900	1	10
W-225	1 ¼"	¼"	¼"	12-D 821	A60	30,560	1	10

Accessories**Dressing stones**

Dimensions	Order No.	Std. Pkg.	Std. Ctn.
1" x 1" x 6"	12-D 900	1	10
1" x 1" x 8"	12-D 901	1	10

* Max. RPM listed are for ½" free shaft.

**RESIN BOND**

Type	Dia.	Length	Shaft	Order No.	Grit	Max. RPM	Std. Pkg.	Std. Ctn.
A-1	¾"	2 ½"	¼"	12-D 003	A36	19,800	1	10
A-3	1"	2 ¾"	¼"	12-D 013	A36	16,100	1	10
A-5	¾"	1 ⅝"	¼"	12-D 023	A36	45,000	1	10
A-11	⅞"	2"	¼"	12-D 033	A36	19,800	1	10
A-12	1 ⅛"	1 ¼"	¼"	12-D 038	A36	48,000	1	10
A-21	1"	1"	¼"	12-D 058	A36	34,500	1	10
A-25	1"	1"	¼"	12-D 078	A36	35,600	1	10
W-179	⅝"	1 ¼"	¼"	12-D 593	A36	45,750	1	10
W-197	⅝"	2"	¼"	12-D 678	A36	21,000	1	10
W-205	¾"	1"	¼"	12-D 723	A36	34,500	1	10
W-207	¾"	1 ½"	¼"	12-D 729	A36	24,000	1	10
W-217	1"	⅝"	¼"	12-D 783	A36	38,200	1	10
W-220	1"	1"	¼"	12-D 798	A36	25,500	1	10
W-222	1"	2"	¼"	12-D 808	A36	15,900	1	10
W-236	1 ½"	½"	¼"	12-D 843	A36	25,470	1	10

BENCH GRINDING WHEELS

Long lasting and dependable, our bench grinding wheels are perfect for general purpose sharpening, shaping or deburring on bench and pedestal grinders. All wheels are supplied with nested reducer bushings to fit on 1", $\frac{3}{4}$ ", $\frac{5}{8}$ " and $\frac{1}{2}$ " shafts.

TYPE 1



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
6"	$\frac{3}{4}$ "	1"	12-E 324	36 coarse	4,100	1	1
6"	$\frac{3}{4}$ "	1"	12-E 325	46 medium	4,100	1	1
6"	$\frac{3}{4}$ "	1"	12-E 328	80 fine	4,100	1	1
6"	1"	1"	12-E 344	36 coarse	4,100	1	1
6"	1"	1"	12-E 345	46 medium	4,100	1	1
6"	1"	1"	12-E 348	80 fine	4,100	1	1
7"	1"	1"	12-E 444	36 coarse	3,600	1	1
7"	1"	1"	12-E 447	60 fine	3,600	1	1
8"	$\frac{7}{8}$ "	1"	12-E 533	24 coarse	3,600	1	1
8"	$\frac{7}{8}$ "	1"	12-E 537	60 fine	3,600	1	1
8"	1"	1"	12-E 543	24 coarse	3,600	1	1
8"	1"	1"	12-E 545	46 medium	3,600	1	1
8"	1"	1"	12-E 547	60 fine	3,600	1	1
8"	1 $\frac{1}{4}$ "	1"	12-E 553	24 coarse	3,600	1	1
8"	1 $\frac{1}{4}$ "	1"	12-E 557	60 fine	3,600	1	1
10"	1"	1"	12-E 643	24 coarse	2,500	1	1
10"	1"	1"	12-E 647	60 fine	2,500	1	1
10"	1 $\frac{1}{4}$ "	1"	12-E 657	60 fine	2,500	1	1

TYPE 1



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
6"	$\frac{3}{4}$ "	1"	12-E 329	80 fine	4,100	1	1
7"	1"	1"	12-E 449	80 fine	3,600	1	1
8"	1"	1"	12-E 549	80 fine	3,600	1	1
10"	1"	1"	12-E 649	80 fine	2,500	1	1



Accessories

Reducer bushings

Order No.

Set $\frac{3}{4}$ " wide, from 1" to $\frac{3}{4}$ ", $\frac{5}{8}$ " and $\frac{1}{2}$ "

12-E 006

Set 1" wide, from 1" to $\frac{3}{4}$ ", $\frac{5}{8}$ " and $\frac{1}{2}$ "

12-E 007

Pair of bushings from 1" to $\frac{7}{8}$ "

12-E 008

Wheel dressers

Order No.

Standard type

12-E 001

Heavy-duty

12-E 002

Replacement wheels

Order No.

Set for 12-E 001

12-E 004

Set for 12-E 002

12-E 005



SLIP CLUTCH
DISPOSITIF de DÉBRAYAGE

08-W 500
50 x 7 x 22.23 mm
A3078F
TYPE 27 (40)

ALLSTEEL™



ALLSTEEL™ GRINDING WHEELS

ALLSTEEL™ grinding wheels deliver fast removal rates on steel and stainless steel. High-strength abrasive grain ensures durability and aggressive grinding action with less effort, making even the toughest jobs easier.

- ▷ *Perfect choice for steel and stainless steel*
- ▷ *Excellent removal rate*
- ▷ *Heavily reinforced to optimize safety in tough applications*
- ▷ *Smooth grinding with less effort*
- ▷ *Minimizes work-surface gouging*



1/8" TYPE 27



STEEL STAINLESS



Order No.	Dia.	Thick.	Arbor	Grit	Max RPM	Std. Pkg.	Std Ctn
08-W 452	4-1/2"	1/8"	7/8"	A-30	13,300	25	200
08-W 502	5"	1/8"	7/8"	A-30	12,200	25	200
08-W 602	6"	1/8"	7/8"	A-30	10,200	25	100
08-W 702	7"	1/8"	7/8"	A-30	8,600	25	100
08-W 902	9"	1/8"	7/8"	A-30	6,800	25	100

1/4" TYPE 27



STEEL STAINLESS



Order No.	Dia.	Thick.	Arbor	Grit	Max RPM	Std. Pkg.	Std Ctn
08-W 450	4-1/2"	1/4"	7/8"	A-30	13,300	25	100
08-W 500	5"	1/4"	7/8"	A-30	12,200	25	100
08-W 600	6"	1/4"	7/8"	A-30	10,200	25	100
08-W 700	7"	1/4"	7/8"	A-30	8,600	25	50
08-W 900	9"	1/4"	7/8"	A-30	6,800	25	50



1/8" TYPE 27



STEEL STAINLESS



Order No.	Dia.	Thick.	Arbor	Grit	Max RPM	Std. Pkg.	Std Ctn
08-W 457	4-1/2"	1/8"	5/8"-11 Metal hub	A-30	13,300	10	80
08-W 607	6"	1/8"	5/8"-11 Metal hub	A-30	10,200	10	40
08-W 707	7"	1/8"	5/8"-11 Metal hub	A-30	8,600	10	40
08-W 907	9"	1/8"	5/8"-11 Metal hub	A-30	6,800	10	40

1/4" TYPE 27



STEEL STAINLESS



Order No.	Dia.	Thick.	Arbor	Grit	Max RPM	Std. Pkg.	Std Ctn
08-W 455	4-1/2"	1/4"	5/8"-11 Metal hub	A-30	13,300	10	80
08-W 605	6"	1/4"	5/8"-11 Metal hub	A-30	10,200	10	40
08-W 705	7"	1/4"	5/8"-11 Metal hub	A-30	8,600	10	40
08-W 905	9"	1/4"	5/8"-11 Metal hub	A-30	6,800	10	40



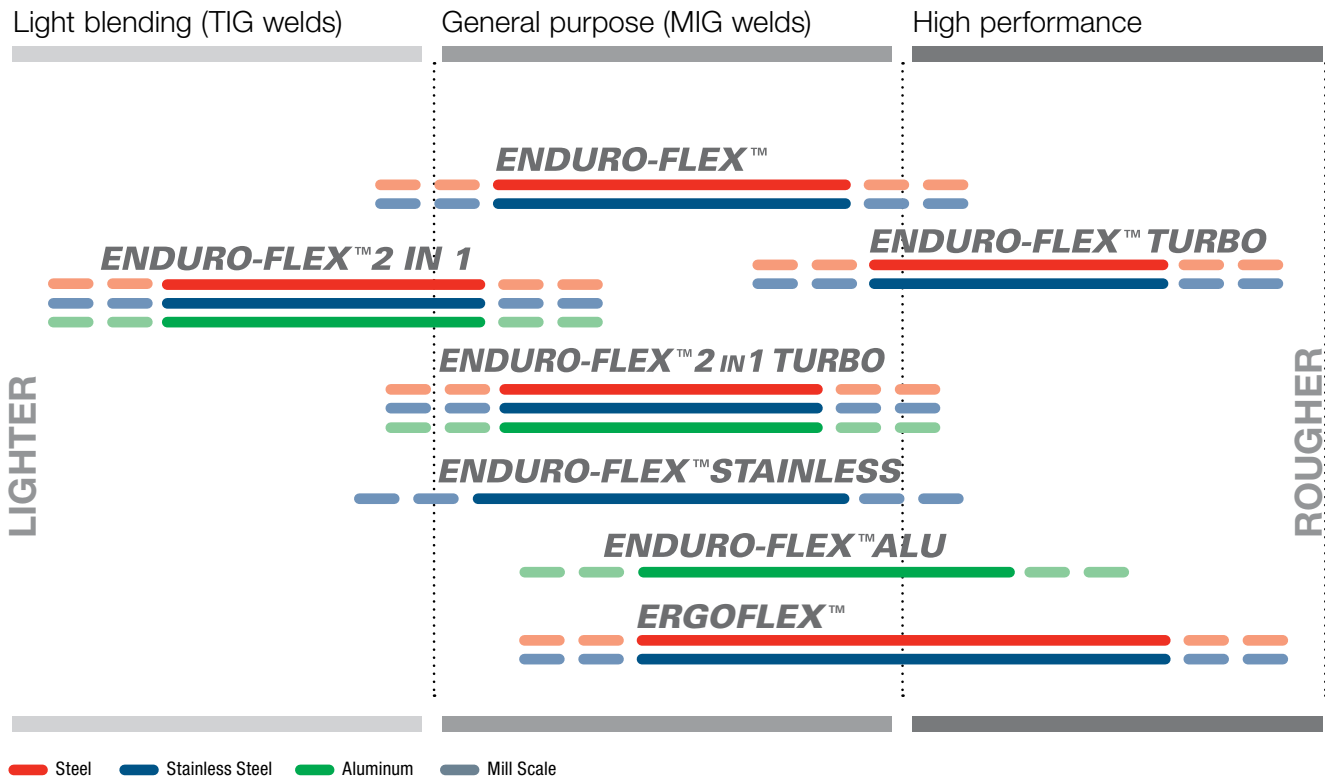


04

BLENDING

BLENDING PRODUCTS AT A GLANCE

RECOMMENDED BY TYPE OF USAGE



Our **Enduro-Flex** flap discs feature trimmable backings made with our proprietary ECO-TRIM wood fiber backing material. When the flaps wear down to the outer diameter of the backing, trim away 1/4" of the backing at a time (up to three times total) to expose fresh abrasive grain, extending disc life and giving you a fresh new cutting edge.



* Results based on a 5" Enduro-Flex used on steel.

* Trimmed once

*Trimmed twice



ENDURO-FLEX™

The longest life and highest overall material removal in the industry

ENDURO-FLEX™ outperforms all competitive flap discs thanks to its innovative design and exclusive abrasive grain blend. Featuring an ECO-TRIM™ backing that can be trimmed back to extend disc life, ENDURO-FLEX™ is the longest lasting flap disc in the industry and removes more material than any competitive flap disc. Your employees will spend more time getting the job done and less time making trips to the tool crib, saving you time and money while maximizing your productivity.

THE LONGEST LIFE FLAP DISC ON THE MARKET



- ▷ Longest lasting flap disc on the market
- ▷ Highest overall material removal in the industry
- ▷ Eco-Trim backing is easier to trim and environmentally friendly
- ▷ Remove welds and finish surfaces in one step
- ▷ Quiet, vibration-free grinding
- ▷ Lightweight

INCREASE YOUR REMOVAL RATE BY A MINIMUM OF 25% BY COMBINING YOUR ENDURO-FLEX WITH THE PRO 5 OR BIG 6 GRINDER!

See pages 165 and 166.



Video available at The Walter Network
www.youtube.com/user/TheWalterNetwork

Accessory

ENDURO-FLEX trimming tool
Order No. 06-B 901



TYPE 27S **SPIN-ON**



Dia.	Arbor	Grit	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	5/8"-11	40	06-B 454	13,300	10	40
4 1/2"	5/8"-11	60	06-B 456	13,300	10	40
4 1/2"	5/8"-11	80	06-B 458	13,300	10	40
4 1/2"	5/8"-11	120	06-B 462	13,300	10	40
5"	5/8"-11	40	06-B 504	12,200	10	40
5"	5/8"-11	60	06-B 506	12,200	10	40
5"	5/8"-11	80	06-B 508	12,200	10	40
5"	5/8"-11	120	06-B 512	12,200	10	40
6"	5/8"-11	40	06-B 604	10,200	10	40
6"	5/8"-11	60	06-B 606	10,200	10	40
6"	5/8"-11	80	06-B 608	10,200	10	40
6"	5/8"-11	120	06-B 612	10,200	10	40

Always use with flange 30-B 057.

TYPE 27



Dia.	Arbor	Grit	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	7/8"	40	15-R 454	13,300	10	40
4 1/2"	7/8"	60	15-R 456	13,300	10	40
4 1/2"	7/8"	80	15-R 458	13,300	10	40
4 1/2"	7/8"	120	15-R 462	13,300	10	40
5"	7/8"	40	15-R 504	12,200	10	40
5"	7/8"	60	15-R 506	12,200	10	40
5"	7/8"	80	15-R 508	12,200	10	40
5"	7/8"	120	15-R 512	12,200	10	40
6"	7/8"	40	15-R 604	10,200	10	40
6"	7/8"	60	15-R 606	10,200	10	40
6"	7/8"	80	15-R 608	10,200	10	40
6"	7/8"	120	15-R 612	10,200	10	40
7"	7/8"	40	15-R 704	8,600	10	40
7"	7/8"	60	15-R 706	8,600	10	40
7"	7/8"	80	15-R 708	8,600	10	40
7"	7/8"	120	15-R 712	8,600	10	40

Always use with flange 30-B 057.

THE LONGEST LASTING FLAP DISCS ON THE MARKET

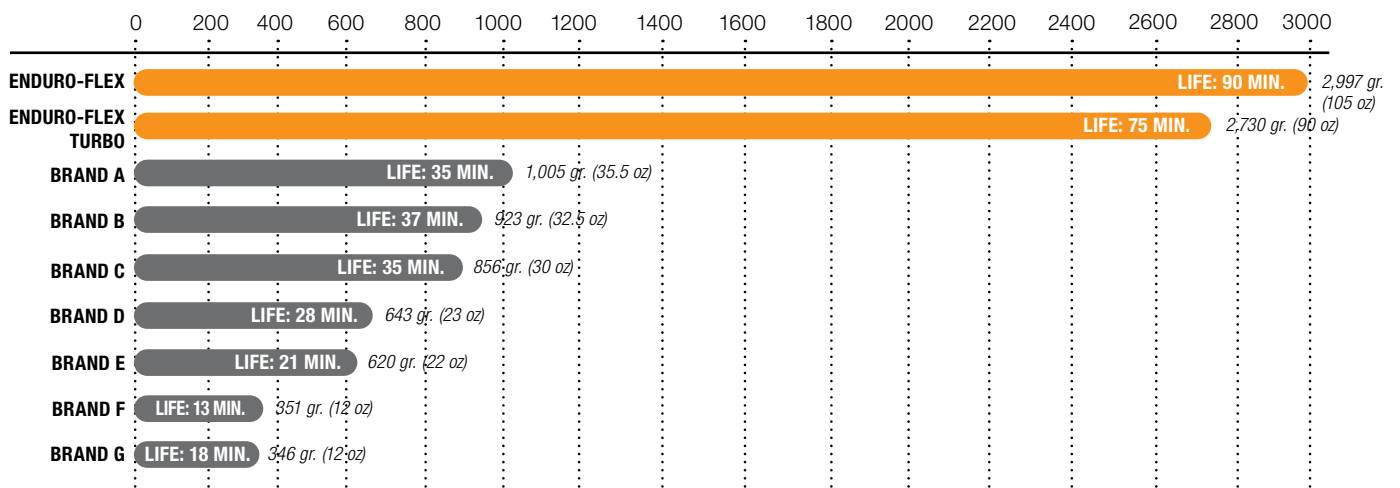


ENDURO-FLEX

COMPARISON TEST BETWEEN 5" FLAP DISCS, GRIT 40

Tests were done using the PRO 5 grinder

Total quantity of grams (ounces) removed on steel



ENDURO-FLEX ALU™

High-performance flap disc for aluminum surfaces

Enduro-Flex ALU™ uses a superior zirconia alumina grain blend that is free of iron, sulfur and chlorine to achieve maximum results when blending on aluminum surfaces. It's built using a special coating for extra long life. Thanks to its high removal rates, and resistance to glaze buildup, Enduro-Flex ALU™ is the optimal choice for operators looking to enhance both quality and productivity when working with aluminum or other heat sensitive metals.



- ▷ Specially formulated for performance and productivity on aluminum surfaces
- ▷ Special coating prevents load up and glazing and extends disc life
- ▷ Eco-Trim™ trimmable backing extends disc life by up to 3 times

TYPE 27S  **SPIN-ON**   **Fe-S-Cl <0.1%**  

Dia.	Arbor	Grit	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
4-1/2"	5/8"-11	40	06-U 454	13,300	10	40
4-1/2"	5/8"-11	60	06-U 456	13,300	10	40
4-1/2"	5/8"-11	80	06-U 458	13,300	10	40
5"	5/8"-11	40	06-U 504	12,200	10	40
5"	5/8"-11	60	06-U 506	12,200	10	40
5"	5/8"-11	80	06-U 508	12,200	10	40
6"	5/8"-11	40	06-U 604	10,200	10	40
6"	5/8"-11	60	06-U 606	10,200	10	40
6"	5/8"-11	80	06-U 608	10,200	10	40

Always use with flange 30-B 057.

TYPE 27    **Fe-S-Cl <0.1%**  

Dia.	Arbor	Grit	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
7"	7/8"	40	15-U 704	8,600	10	40
7"	7/8"	60	15-U 706	8,600	10	40
7"	7/8"	80	15-U 708	8,600	10	40

Always use with flange 30-B 057.



ENDURO-FLEX™ STAINLESS

Guaranteed not to contaminate stainless steel

ENDURO-FLEX™ Stainless offers all the benefits of the standard ENDURO-FLEX™ with a formula free of iron, sulfur and chlorine to meet quality control objectives in sensitive operations. ENDURO-FLEX™ Stainless is the flap disc of choice for workers nationwide for blending applications on stainless steel and other heat sensitive alloys.

CONSISTENT FINISH
WITHOUT DISCOLORATION



TYPE 27S  SPIN-ON    						
Dia.	Arbor	Grit	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	5/8"-11	40	06-F 454	13,300	10	40
4 1/2"	5/8"-11	60	06-F 456	13,300	10	40
4 1/2"	5/8"-11	80	06-F 458	13,300	10	40
4 1/2"	5/8"-11	120	06-F 462	13,300	10	40
5"	5/8"-11	40	06-F 504	12,200	10	40
5"	5/8"-11	60	06-F 506	12,200	10	40
5"	5/8"-11	80	06-F 508	12,200	10	40
5"	5/8"-11	120	06-F 512	12,200	10	40
6"	5/8"-11	40	06-F 604	10,200	10	40
6"	5/8"-11	60	06-F 606	10,200	10	40
6"	5/8"-11	80	06-F 608	10,200	10	40
6"	5/8"-11	120	06-F 612	10,200	10	40

Always use with flange 30-B 057.

TYPE 27     						
Dia.	Arbor	Grit	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	7/8"	40	15-Q 454	13,300	10	40
4 1/2"	7/8"	60	15-Q 456	13,300	10	40
4 1/2"	7/8"	80	15-Q 458	13,300	10	40
4 1/2"	7/8"	120	15-Q 462	13,300	10	40
5"	7/8"	40	15-Q 504	12,200	10	40
5"	7/8"	60	15-Q 506	12,200	10	40
5"	7/8"	80	15-Q 508	12,200	10	40
5"	7/8"	120	15-Q 512	12,200	10	40
7"	7/8"	40	15-Q 704	8,600	10	40
7"	7/8"	60	15-Q 706	8,600	10	40
7"	7/8"	80	15-Q 708	8,600	10	40
7"	7/8"	120	15-Q 712	8,600	10	40

Always use with flange 30-B 057.

- ▷ Environmentally friendly
- ▷ Superior performance on all heat sensitive metals
- ▷ Will not load or glaze
- ▷ The coolest cutting action on stainless
- ▷ The fastest removal rate and best overall life on non-ferrous alloys





Tech tip!

SPEED To ensure the longest life and best performance, use at optimal speed of 4,000 to 6,000 RPM.

PRESSURE More pressure will increase removal rate while less pressure will improve the surface finish.

WORKING ANGLE For best performance, always use at a working angle of 4° to 10°. Never use flat.

ENDURO-FLEX 2-IN-1™ FINISHING DISC

One-step finishing

Enduro-Flex 2-in-1™ flap discs remove TIG welds and finish the surface in just one step, substantially reducing your finishing costs. Save time and reduce your inventory by using just one disc instead of two or more to perform the same job.

Long lasting

Developed to blend light TIG welds, break edges, blend and remove surface imperfections, oxidation, discoloration, etc. One Enduro-Flex 2-in-1™ disc will do the job of over twenty traditional discs while providing a smooth and consistent surface finish.

▶ Allows operators to achieve a food grade finish

TYPE 27S  SPIN-ON     						
Dia.	Arbor	Order No.	Max. RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
4 1/2"	5/8"-11	15-I 453	13,300	4,000 to 6,000	10	40
5"	5/8"-11	15-I 503	12,200	4,000 to 6,000	10	40



ENDURO-FLEX 2-IN-1™ TURBO FINISHING DISC

The most versatile and fastest finishing disc on the market

Achieving the ideal finish when blending welds has never been easier. With the new ENDURO-FLEX 2-in-1™ TURBO, remove material faster and get the finish you want in fewer steps. Designed for steel, stainless steel and aluminum, the ENDURO-FLEX 2-in-1™ TURBO provides unmatched versatility. Incorporating Walter's Cyclone™ Technology and high-tech Blendex™ Technology, the result is a smooth finish and product life that is simply unsurpassed.

Sanding flaps

- ▶ Special low heat generating top coat
- ▶ Non-loading
- ▶ High removal rate



BLENDEX flaps

- ▶ Combination that gives great performance on aluminum
- ▶ Non-woven material, will not smear or contaminate the workpiece
- ▶ Tear resistant for longest life



Video available at The Walter Network
www.youtube.com/user/TheWalterNetwork

TYPE 27S  SPIN-ON     						
Dia.	Arbor	Order No.	Max. RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
4 1/2"	5/8"-11	15-I 451	13,300	4,000 to 6,000	10	40
5"	5/8"-11	15-I 501	12,200	4,000 to 6,000	10	40

Always use with flange 30-B 057.

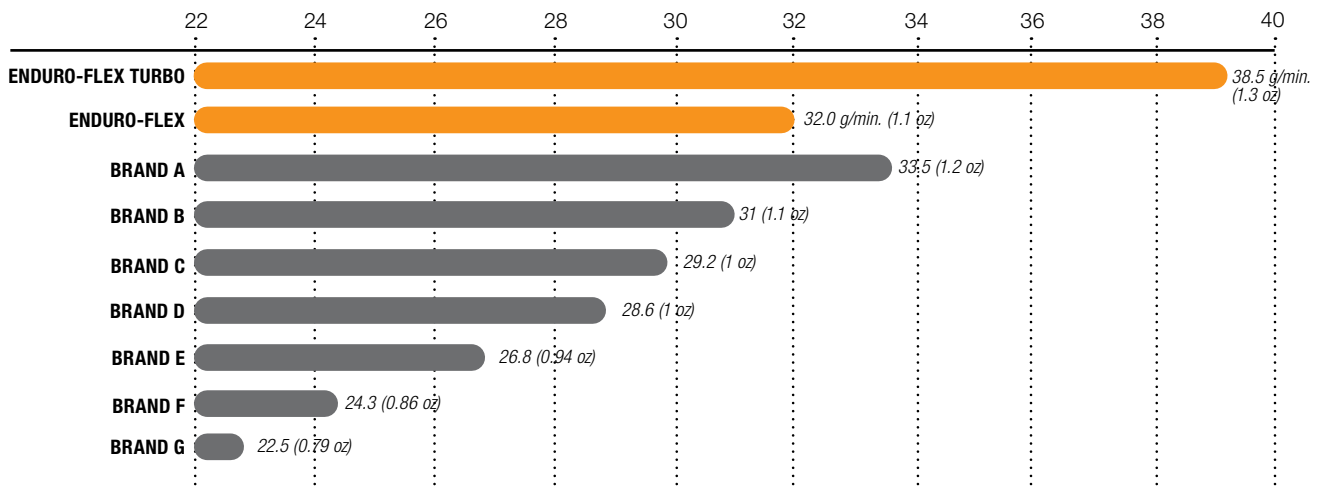


THE FASTEST
FLAP DISCS
ON THE
MARKET

ENDURO-FLEX TURBO

COMPARISON TESTS BETWEEN 5" FLAP DISCS

Tests were done using the PRO 5 grinder
Removal rate on steel - gr. (oz.)/min.





- ▷ Exclusive flap configuration and Cyclone™ Technology for ultra fast metal removal
- ▷ Turbofan™ Cooling keeps the workpiece cooler for longer disc life
- ▷ Guaranteed cost savings!

INCREASE YOUR REMOVAL RATE BY A MINIMUM OF 30% BY COMBINING YOUR ENDURO-FLEX TURBO WITH THE PRO 5 OR BIG 6 GRINDER!

See pages 165 and 166.



Video available at The Walter Network
www.youtube.com/user/TheWalterNetwork



ENDURO-FLEX TURBO™

The fastest cutting flap disc on the market

If time is money, then ENDURO-FLEX TURBO is worth its weight in gold. This extremely aggressive flap disc removes material like a 36 grit but leaves a 60 grit, paint-ready finish, saving you a valuable step in the finishing process. The innovative backing design allows air to cool the workpiece, increasing product life and minimizing heat transfer to the surface. Whether you are working with steel or stainless steel, ENDURO-FLEX TURBO will help you blend welds and break edges faster, guaranteed.

HIGHEST REMOVAL RATE IN THE INDUSTRY

TYPE 27S  SPIN-ON    						
Dia.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	5/8"-11	06-A 452	36/60	13,300	10	40
4 1/2"	5/8"-11 metal hub	06-A 457	36/60	13,300	10	40
4 1/2"	5/8"-11	06-A 458	80	13,300	10	40
5"	5/8"-11	06-A 502	36/60	12,200	10	40
5"	5/8"-11	06-A 508	80	12,200	10	40
6"	5/8"-11	06-A 602	36/60	10,200	10	40
7"	5/8"-11 metal hub	06-A 707	36/60	8,600	10	40

Always use with flange 30-B 057.

TYPE 27     						
Dia.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	7/8"	06-A 462	36/60	13,300	10	40
5"	7/8"	06-A 512	36/60	12,200	10	40
7"	7/8"	06-A 712	36/60	8,600	10	40

Always use with flange 30-B 057.

TYPE 29     						
Dia.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
N 4 1/2"	7/8"	06-A 482	36/60	13,300	10	40
N 4 1/2"	5/8"-11 metal hub	06-A 487	36/60	13,300	10	40
N 5"	7/8"	06-A 532	36/60	12,200	10	40
N 5"	5/8"-11 metal hub	06-A 537	36/60	12,200	10	40

Always use with flange 30-B 057.

ERGOFLEX™

When employee safety and ergonomics are top priorities

ERGOFLEX™ is an abrasive that combines our proprietary Cyclone™ Technology grain blend with a Type 29 disc design to provide a solution for professionals looking to maximize workplace safety and ergonomics without sacrificing productivity. These wheels allow for a more comfortable working angle than Type 27 depressed center grinding wheels while minimizing the amount of noise and dust created during weld blending operations. The aggressive 36 grit abrasive grain blend also removes material quickly, allowing you to strike a perfect balance between comfort, safety and productivity.

- ▶ **Advanced Cyclone™ Technology abrasive grain blend removes material fast for improved productivity**
- ▶ **Designed for extremely smooth, comfortable blending of both flat and curved surfaces**
- ▶ **Reduces the amount of dust generated by 95% compared to traditional grinding wheels**
- ▶ **Reduces the level of noise generated by 50% compared to a traditional grinding wheel**
- ▶ **Less risk of gouging compared to traditional grinding wheels**

TYPE 29



Dia.	Arbor	Grit	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	7/8"	36	15-T 453	13,300	25	200
4 1/2"	7/8"	60	15-T 456	13,300	25	200
4 1/2"	7/8"	80	15-T 458	13,300	25	200
5"	7/8"	36	15-T 503	12,200	25	200
5"	7/8"	60	15-T 506	12,200	25	200
5"	7/8"	80	15-T 508	12,200	25	200
6"	7/8"	36	15-T 603	10,200	25	100
6"	7/8"	60	15-T 606	10,200	25	100
6"	7/8"	80	15-T 608	10,200	25	100
7"	7/8"	36	15-T 703	8,600	25	100
7"	7/8"	60	15-T 706	8,600	25	100
7"	7/8"	80	15-T 708	8,600	25	100

Always use with flange 30-B 030.



Tech tip!

Use with backing flange set 30-B 030 for best results. (Each pack of 25 comes with one backing flange set for your convenience)



30-B 030



30-B 031

Accessories

Backing flange set	Order No. 30-B 030
Ergoflange 1/4" (6 mm) Pack of 5	Order No. 30-B 031



ALLSTEEL™ FLAP DISCS

ALLSTEEL™ features a unique zirconia alumina abrasive grain blend that self-sharpenes with less pressure, providing a high removal rate with angle grinders. ALLSTEEL™ is an economical solution for operators who need a quality, industrial grade flap disc for a variety of applications.

- ▷ *Special zirconia alumina grain blend self-sharpenes with less pressure*
- ▷ *Provides a high removal rate on steel*
- ▷ *Trimable backing extends disc life*
- ▷ *The economical choice when blending sharp corners, heavy deburring or blending in fillet welds*



TYPE 27S  SPIN-ON    						
Order No.	Dia.	Arbor	Grit	Max RPM	Std. Pkg.	Std Ctn
06-W 454	4-1/2"	5/8"-11	40	13,300	10	40
06-W 456	4-1/2"	5/8"-11	60	13,300	10	40
06-W 458	4-1/2"	5/8"-11	80	13,300	10	40
06-W 462	4-1/2"	5/8"-11	120	13,300	10	40
06-W 504	5"	5/8"-11	40	12,200	10	40
06-W 506	5"	5/8"-11	60	12,200	10	40
06-W 508	5"	5/8"-11	80	12,200	10	40
06-W 512	5"	5/8"-11	120	12,200	10	40

TYPE 27     						
Order No.	Dia.	Arbor	Grit	Max RPM	Std. Pkg.	Std Ctn
15-W 454	4-1/2"	7/8"	40	13,300	10	40
15-W 456	4-1/2"	7/8"	60	13,300	10	40
15-W 458	4-1/2"	7/8"	80	13,300	10	40
15-W 462	4-1/2"	7/8"	120	13,300	10	40
15-W 504	5"	7/8"	40	12,200	10	40
15-W 506	5"	7/8"	60	12,200	10	40
15-W 508	5"	7/8"	80	12,200	10	40
15-W 512	5"	7/8"	120	12,200	10	40
15-W 604	6"	7/8"	40	10,200	10	40
15-W 606	6"	7/8"	60	10,200	10	40
15-W 608	6"	7/8"	80	10,200	10	40
15-W 612	6"	7/8"	120	10,200	10	40
15-W 704	7"	7/8"	40	8,600	10	40
15-W 706	7"	7/8"	60	8,600	10	40
15-W 708	7"	7/8"	80	8,600	10	40
15-W 712	7"	7/8"	120	8,600	10	40

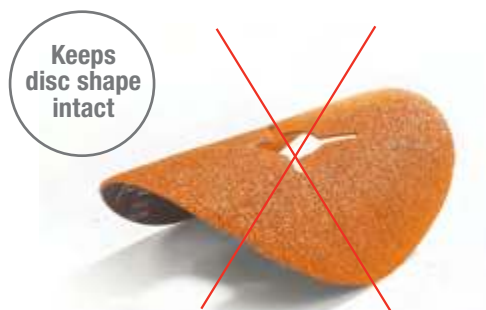
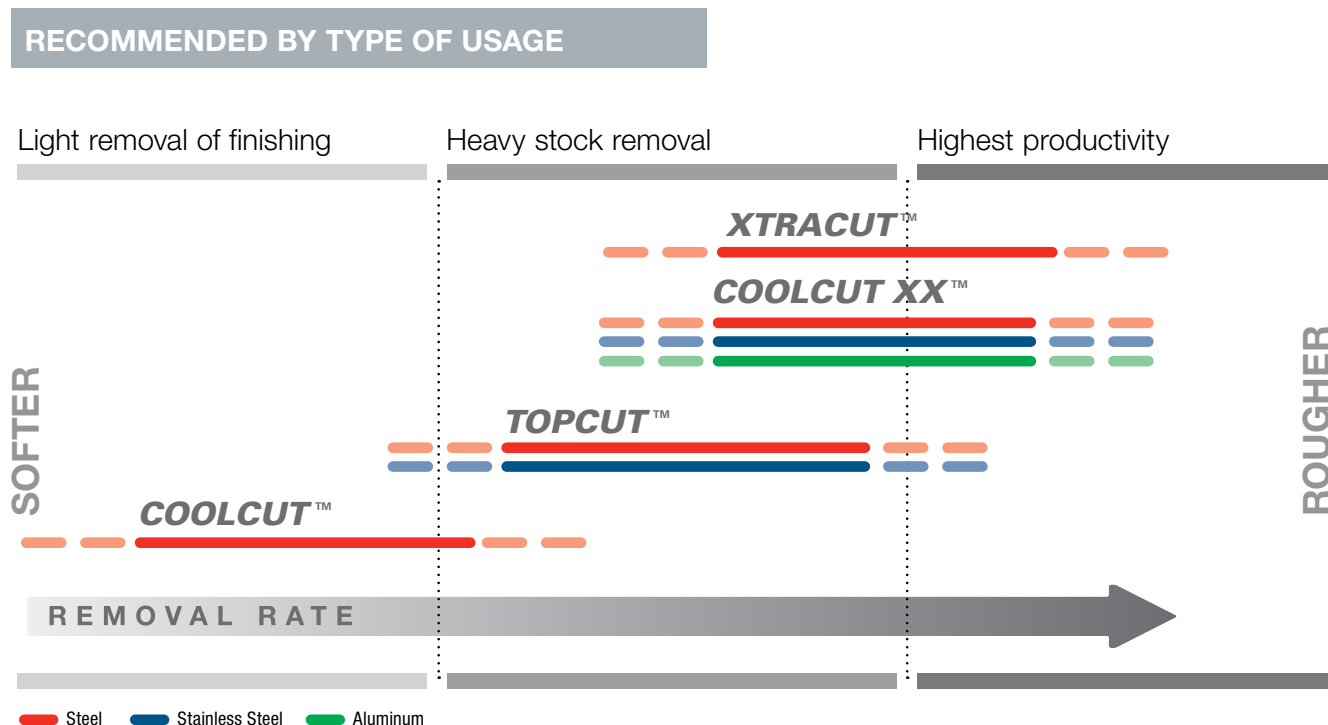


05

SANDING



SANDING PRODUCTS AT A GLANCE



Unique packaging for optimal performance

- Best preservation of sanding disc with “Humidity Control” feature
- Shrink wrapped in quantities of 25 (2 x 25 discs) to keep discs’ shape intact
- Ensures the longest life, most aggressive removal rate and best overall performance

Exclusive packaging!

COOLCUT XX™ 50 packs

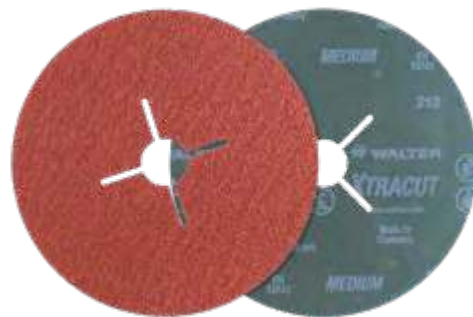
Packaging that makes sense

Select grits and sizes of COOLCUT XX™ are now available in 50 packs. These specially designed packages are humidity-controlled to better preserve the sanding discs, essentially keeping them “factory fresh” and ensuring you get the best life and performance. Discs are also shrink wrapped to minimize warping.

XTRACUT™

Highest performance sanding disc in steel

XTRACUT™ equals ultra-high stock removal and long service life. Optimized self-sharpening ceramic grains enable consistently high performance. Your quickest and coolest cutting sanding disc for steel and steel production. Now with the Quick-Change attachment for even more efficiency.

NEW


Dia.	Arbor	Grit	Equivalent Grit	Order No.	Std. Pkg.	Std. Ctn.
4 1/2"	7/8"	X-COARSE	36+	15-A 453	25	250
4 1/2"	7/8"	COARSE	60+	15-A 456	25	250
4 1/2"	7/8"	MEDIUM	80+	15-A 458	25	250
5"	7/8"	X-COARSE	36+	15-A 503	25	250
5"	7/8"	COARSE	60+	15-A 506	25	250
5"	7/8"	MEDIUM	80+	15-A 508	25	250
6"	7/8"	X-COARSE	36+	15-A 603	25	250
6"	7/8"	COARSE	60+	15-A 606	25	250
6"	7/8"	MEDIUM	80+	15-A 608	25	250
7"	7/8"	X-COARSE	36+	15-A 703	25	250
7"	7/8"	COARSE	60+	15-A 706	25	250
7"	7/8"	MEDIUM	80+	15-A 708	25	250

HIGHEST PERFORMANCE SANDING DISC IN STEEL

- ▶ Highest performance sanding disc in steel
- ▶ Fastest cutting sanding disc in steel
- ▶ Optimised self-sharpening ceramic grain provides extremely high stock removal in steel
- ▶ Guaranteed cost savings in steel
- ▶ Extremely long service life
- ▶ Cooling agents to ensure cool cutting to prevent burning and distortion



Video available at The Walter Network
www.youtube.com/user/TheWalterNetwork

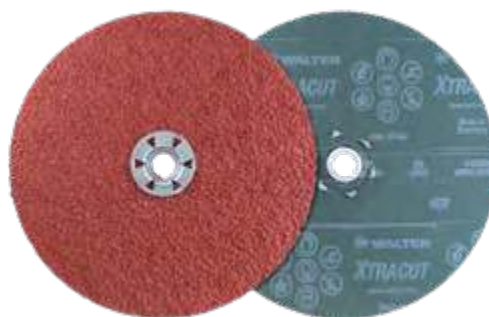
NEW

XTRACUT™ QUICK-CHANGE

For faster disc change outs

Our XTRACUT™ sanding discs are now available in a Quick-Change format for easier mounting and faster disc change outs. Use with the new rubber backing pad for the best results.

New Quick-Change format allows you to save time on disc changes, significantly reducing lost time and associated labor costs over the course of the work day!



Dia.	Arbor	Grit	Equivalent Grit	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	5/8"-11	X-COARSE	36+	15-A 473	13,000	25	250
4 1/2"	5/8"-11	COARSE	60+	15-A 476	13,000	25	250
4 1/2"	5/8"-11	MEDIUM	80+	15-A 478	13,000	25	250
5"	5/8"-11	X-COARSE	36+	15-A 523	12,200	25	250
5"	5/8"-11	COARSE	60+	15-A 526	12,200	25	250
5"	5/8"-11	MEDIUM	80+	15-A 528	12,200	25	250
6"	5/8"-11	X-COARSE	36+	15-A 623	10,200	25	250
7"	5/8"-11	X-COARSE	36+	15-A 723	8,600	25	250
7"	5/8"-11	COARSE	60+	15-A 726	8,600	25	250
7"	5/8"-11	MEDIUM	80+	15-A 728	8,600	25	250

- ▶ Ultra-fast removal rate
- ▶ Long life; High productivity
- ▶ Quick-Change attachment
- ▶ Ferrous-free formulation (will not contaminate stainless steel)



- ▷ 6 times more total stock removal than aluminum oxide sanding discs
- ▷ 2 times faster cutting than aluminum oxide sanding discs
- ▷ Remove more material in less time, even when compared to some grinding wheels
- ▷ Provides a consistent surface finish, disc after disc
- ▷ Cooling agents ensure cool cutting to prevent burning and distortion

Tech tip!

Use with Turbo backing pads to reduce heat built-up and prolong disc life



Video available at The Walter Network
www.youtube.com/user/TheWalterNetwork



COOLCUT XX™

The longest lasting, most aggressive sanding discs

COOLCUT XX™ sanding discs are formulated with our exclusive Cyclone™ Technology abrasive grain blend to provide extremely aggressive material removal rates and the longest life in the industry. These discs allow you to remove more material faster while also lasting longer than traditional aluminum oxide or zirconia alumina sanding discs, making them ideal for use in a production environment.

REDUCE YOUR CYCLE TIME AND ELIMINATE BOTTLENECKS IN THE PRODUCTION PROCESS



Dia.	Arbor	Grit	Order No.	Std. Pkg.	Std. Ctn.
4 1/2"	7/8"	24	15-X 452	25	250
4 1/2"	7/8"	36	15-X 453	25	250
4 1/2"	7/8"	50	15-X 455	25	250
4 1/2"	7/8"	60	15-X 456	25	250
4 1/2"	7/8"	80	15-X 458	25	250
4 1/2"	7/8"	100	15-X 460	25	250
4 1/2"	7/8"	120	15-X 462	25	250
5"	7/8"	24	15-X 502	25	250
5"	7/8"	36	15-X 503	25	250
5"	7/8"	50	15-X 505	25	250
5"	7/8"	60	15-X 506	25	250
5"	7/8"	80	15-X 508	25	250
5"	7/8"	100	15-X 510	25	250
5"	7/8"	120	15-X 512	25	250
6"	7/8"	24	15-X 602	25	250
6"	7/8"	36	15-X 603	25	250
6"	7/8"	50	15-X 605	25	250
6"	7/8"	60	15-X 606	25	250
6"	7/8"	80	15-X 608	25	250
6"	7/8"	100	15-X 610	25	250
6"	7/8"	120	15-X 612	25	250
7"	7/8"	24	15-X 702	25	250
7"	7/8"	36	15-X 703	25	250
7"	7/8"	50	15-X 705	25	250
7"	7/8"	60	15-X 706	25	250
7"	7/8"	80	15-X 708	25	250
7"	7/8"	100	15-X 710	25	250
7"	7/8"	120	15-X 712	25	250

COOLCUT XX™ 50 pack



Dia.	Arbor	Grit	Order No.	Std. Pkg.	Std. Ctn.
4 1/2"	7/8"	36	15-X 453B	50	400
4 1/2"	7/8"	50	15-X 455B	50	400
4 1/2"	7/8"	60	15-X 456B	50	400
4 1/2"	7/8"	80	15-X 458B	50	400
5"	7/8"	36	15-X 503B	50	400
5"	7/8"	50	15-X 505B	50	400
5"	7/8"	60	15-X 506B	50	400
5"	7/8"	80	15-X 508B	50	400

COOLCUT XX™ QUICK-CHANGE

Now with SPIN-ON™ system

Our COOLCUT XX™ sanding discs are now available in a Quick-Change format for easier mounting and faster disc change outs. Use with new rubber backing pads for the best results.



SPIN-ON



Dia.	Arbor	Grit	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	5/8"-11	36	15-X 473	13,300	25	250
4 1/2"	5/8"-11	50	15-X 475	13,300	25	250
4 1/2"	5/8"-11	60	15-X 476	13,300	25	250
4 1/2"	5/8"-11	80	15-X 478	13,300	25	250
4 1/2"	5/8"-11	120	15-X 482	13,300	25	250
5"	5/8"-11	36	15-X 523	12,200	25	250
5"	5/8"-11	50	15-X 525	12,200	25	250
5"	5/8"-11	60	15-X 526	12,200	25	250
5"	5/8"-11	80	15-X 528	12,200	25	250
5"	5/8"-11	120	15-X 532	12,200	25	250
7"	5/8"-11	36	15-X 723	8,600	25	250
7"	5/8"-11	60	15-X 726	8,600	25	250
7"	5/8"-11	80	15-X 728	8,600	25	250
7"	5/8"-11	120	15-X 732	8,600	25	250

New Quick-Change format allows you to save time on disc changes, significantly reducing lost time and associated labor costs over the course of the work day!

Tech tip!

Use with new rubber backing pads for 5/8"-11 threading

**EASIER MOUNTING
AND FASTER DISC
CHANGE OUTS**





TOPCUT™

Aggressive removal rate and extended disc life

TOPCUT™ sanding discs now remove material 50% faster than before, with a longer working life to help you maximize the efficiency of your production process. Designed using longer lasting abrasive grains, TOPCUT™ is ideal for finishing applications on stainless steel and can improve your stock removal in more aggressive applications. Cooler sanding also guarantees your metal will not overheat, helping to preserve it and resulting in a higher quality finished product.

- ▷ *Highest performance zirconia alumina sanding disc*
- ▷ *Highest total removal in the industry for a zirconia alumina disc*
- ▷ *Fast removal rate with cooler cutting to reduce heat generation and prevent warping or discoloration*
- ▷ *The ideal option for use on heat sensitive metals*



Dia.	Arbor	Grit	Order No.	Std. Pkg.	Std. Ctn.
4 1/2"	7/8"	24	15-P 452	25	250
4 1/2"	7/8"	36	15-P 453	25	250
4 1/2"	7/8"	60	15-P 456	25	250
4 1/2"	7/8"	80	15-P 458	25	250
5"	7/8"	24	15-P 502	25	250
5"	7/8"	36	15-P 503	25	250
5"	7/8"	60	15-P 506	25	250
5"	7/8"	80	15-P 508	25	250
7"	7/8"	24	15-P 702	25	250
7"	7/8"	36	15-P 703	25	250
7"	7/8"	60	15-P 706	25	250
7"	7/8"	80	15-P 708	25	250



COOLCUT™

General purpose sanding

COOLCUT™ is an economical solution for weld blending and finishing on steel surfaces.



Dia.	Arbor	Grit	Order No.	Std. Pkg.	Std. Ctn.
4 1/2"	7/8"	24	15-C 452	25	250
4 1/2"	7/8"	36	15-C 453	25	250
4 1/2"	7/8"	40	15-C 454	25	250
4 1/2"	7/8"	50	15-C 455	25	250
4 1/2"	7/8"	60	15-C 456	25	250
4 1/2"	7/8"	80	15-C 458	25	250
4 1/2"	7/8"	100	15-C 460	25	250
4 1/2"	7/8"	120	15-C 462	25	250
5"	7/8"	24	15-C 502	25	250
5"	7/8"	36	15-C 503	25	250
5"	7/8"	40	15-C 504	25	250
5"	7/8"	50	15-C 505	25	250
5"	7/8"	60	15-C 506	25	250
5"	7/8"	80	15-C 508	25	250
5"	7/8"	100	15-C 510	25	250
5"	7/8"	120	15-C 512	25	250
7"	7/8"	24	15-C 702	25	250
7"	7/8"	36	15-C 703	25	250
7"	7/8"	40	15-C 704	25	250
7"	7/8"	50	15-C 705	25	250
7"	7/8"	60	15-C 706	25	250
7"	7/8"	80	15-C 708	25	250
7"	7/8"	100	15-C 710	25	250
7"	7/8"	120	15-C 712	25	250



- ▶ Premium aluminum oxide abrasive grain blend
- ▶ High removal rate, cool cutting
- ▶ Most economical choice for finishing applications on steel
- ▶ The greatest selection of grit sizes of any Walter sanding disc



Tech tip!

Use COOLCUT sanding discs with an orange backing pad to achieve a consistent scratch pattern for finishing operations.



- ▶ High quality impact resistant plastic with maximum flexibility



- ▶ Hard black pad, for weld blending and high stock removal
- ▶ Excellent heat dissipation for longer life
- ▶ Recommended for grit 50 and coarser



- ▶ Soft white pad, extra flexible for surface finishing where a wider contact area is required
- ▶ Excellent heat dissipation for longer life
- ▶ Recommended for grit 60 and finer
- ▶ New nut – easier to tighten by hand

BACKING PADS

BACKING PAD ASSEMBLIES



Dia.	Arbor	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
4"	M10 × 1.25	15-D 030	15,000	1	10
4"	5/8"-24	15-D 035	15,000	1	10
4 1/2"	M14 × 2.0	15-D 042	13,300	1	10
4 1/2"	5/8"-11	15-D 044	13,300	1	10
5"	5/8"-11	15-D 054	12,200	1	10
6"	5/8"-11	15-D 064	10,200	1	10
7"	5/8"-11	15-D 027	8,600	1	10

TURBO BACKING PAD ASSEMBLIES (Black and white)

Special saucer shaped backing pad with ribbed backing, ensures a continuous stream of air between pad and disc for cool operation and long disc life. The ideal choice for XTRACUT™ and COOLCUT XX™.



Dia.	Arbor	Color	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	5/8"-11	Black	15-M 044	13,300	1	10
4 1/2"	5/8"-11	White	15-M 045	13,300	1	10
5"	5/8"-11	Black	15-M 054	12,200	1	10
5"	5/8"-11	White	15-M 055	12,200	1	10
6"	5/8"-11	Black	15-M 064	10,200	1	10
6"	5/8"-11	White	15-M 065	10,200	1	10
7"	5/8"-11	Black	15-M 007	8,600	1	10
7"	5/8"-11	White	15-M 008	8,600	1	10

BACKING PADS

TURBO QUICK-CHANGE BACKING PADS (Black and white)

Special saucer shaped backing pad with ribbed backing, ensures a continuous stream of air between pad and disc for cool operation and long disc life.

The ideal choice for COOLCUT XX Quick-Change and XTRACUT Quick-Change.



Dia.	Arbor	Color	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	5/8"-11	Black	15-M 144	13,300	1	10
4 1/2"	5/8"-11	White	15-M 145	13,300	1	10
5"	5/8"-11	Black	15-M 154	12,200	1	10
5"	5/8"-11	White	15-M 155	12,200	1	10
7"	5/8"-11	Black	15-M 157	8,600	1	10
7"	5/8"-11	White	15-M 158	8,600	1	10



HIGH PERFORMANCE RUBBER BACKING PAD ASSEMBLIES

High performance rubber backing pad withstands pressure while providing superior flexibility. This backing pad can be used with sanding discs with 7/8" hole as well as Quick-Change sanding discs (COOLCUT XX and XTRACUT).



Dia.	Arbor	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	5/8"-11	15-D 144	13,300	1	10
5"	5/8"-11	15-D 154	12,200	1	10
6"	5/8"-11	15-D 164	10,200	1	10
7"	5/8"-11	15-D 127	8,600	1	10



▷ Optimal flexibility

▷ Withstands pressure

Accessories

Clamping nuts for rubber backing pad

For 4 1/2" and 5" rubber backing pads

Order No. 15-D 024

For 7" rubber backing pads

Order No. 15-H 025

Pin key for rubber backing pad

Order No. 48-Z 149



Accessories

Steel flanges

Reducer from 1" to 5/8" spindle

Order No. 15-G 962



COOLCUT™ FLAP WHEELS

Excellent for weld blending and general finishing work. Mounted with a pair of flanges for use on straight shaft or bench grinders.



Dia.	Width	Arbor	Grit	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
6 1/2"	1"	1"	60	15-G 206	5,200	1	10
6 1/2"	1"	1"	80	15-G 208	5,200	1	10
6 1/2"	1"	1"	120	15-G 212	5,200	1	10
6 1/2"	2"	1"	60	15-G 306	5,200	1	10
6 1/2"	2"	1"	80	15-G 308	5,200	1	10
6 1/2"	2"	1"	120	15-G 312	5,200	1	10



GRIT - FEPA EQUIVALENT

Medium	150
Fine	180
Extra fine	220
Extra fine, flexible	220
Polishing	360

TWO-IN-ONE™ FLAP WHEELS

Combine two steps in one. The TWO-IN-ONE™ Flap Wheels remove material nearly as fast as regular flap wheels while leaving a finer finish.



Dia.	Width	Shaft	Grit	Order No.	Max. RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
2"	1"	1/4"	Fine	15-E 124	12,000	8,400	1	10
2"	1"	1/4"	Extra fine	15-E 126	12,000	8,400	1	10
3"	1 3/4"	1/4"	Medium	15-E 162	8,000	5,600	1	10
3"	1 3/4"	1/4"	Fine	15-E 164	8,000	5,600	1	10
3"	1 3/4"	1/4"	Extra fine	15-E 166	8,000	5,600	1	10
3"	1 3/4"	1/4"	Extra fine, flex.	15-E 167	8,000	5,600	1	10
3"	1 3/4"	1/4" *	Polishing	15-E 168	8,000	5,600	1	10

* BLENDEX non-woven material only.



Dia.	Width	Threaded shaft	Grit	Order No.	Max. RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
3"	1 1/2"	1/4"-20	Medium	15-E 652	8,000	5,600	1	10
3"	1 1/2"	1/4"-20	Fine	15-E 654	8,000	5,600	1	10
3"	1 1/2"	1/4"-20	Extra fine	15-E 656	8,000	5,600	1	10
3"	1 1/2"	1/4"-20 *	Polishing	15-E 658	8,000	5,600	1	10

Accessories

Reducer bushing

1" wide, from 1 1/4" to 1", 3/4", 5/8", 1/2".

Order No. 12-E 010



Mandrel for finishing wheels

Plastic, 8 mm shaft, self-expanding, flush mounting for 1" thick wheels

Order No. 07-C 003



Dia.	Width	Arbor Hole	Grit	Order No.	Max. RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
6"	1"	1 1/4"	Fine	15-E 295	3,600	2,500	1	10
6"	1"	1 1/4"	Extra fine	15-E 296	3,600	2,500	1	10

COOLCUT™ FLAP WHEELS

High quality and a consistent finish

COOLCUT™ Flap Wheels are ideal for general purpose blending, shaping and deburring. They are made from the highest quality abrasive grains and are perfectly balanced to provide a uniform, grained satin finish. No matter the application, COOLCUT™ Flap Wheels provide consistently excellent results.

1/4" SHAFT



Dia.	Width	Grit	Order No.	Max. RPM	Optimal RPM	Std. Pkg.*	Std. Ctn.
1"	3/8"	40	15-F 054	30,000	15,000	10	100
1"	3/8"	60	15-F 056	30,000	15,000	10	100
1"	3/8"	80	15-F 058	30,000	15,000	10	100
1"	3/8"	120	15-F 062	30,000	15,000	10	100
1"	1"	40	15-F 154	30,000	15,000	10	100
1"	1"	60	15-F 156	30,000	15,000	10	100
1"	1"	80	15-F 158	30,000	15,000	10	100
1"	1"	120	15-F 162	30,000	15,000	10	100
1 1/2"	3/8"	40	15-F 004	25,000	13,000	10	100
1 1/2"	3/8"	60	15-F 006	25,000	13,000	10	100
1 1/2"	3/8"	80	15-F 008	25,000	13,000	10	100
1 1/2"	3/8"	120	15-F 012	25,000	13,000	10	100
1 1/2"	1"	40	15-F 104	25,000	13,000	10	100
1 1/2"	1"	60	15-F 106	25,000	13,000	10	100
1 1/2"	1"	80	15-F 108	25,000	13,000	10	100
1 1/2"	1"	120	15-F 112	25,000	13,000	10	100
1 1/2"	1"	240	15-F 124	25,000	13,000	10	100
2 1/2"	1 1/2"	40	15-F 504	20,000	11,000	10	100
2 1/2"	1 1/2"	60	15-F 506	20,000	11,000	10	100
2 1/2"	1 1/2"	80	15-F 508	20,000	11,000	10	100
2 1/2"	1 1/2"	120	15-F 512	20,000	11,000	10	100
2 1/2"	1 1/2"	240	15-F 524	20,000	11,000	10	100
2"	3/8"	40	15-F 204	25,000	13,000	10	100
2"	3/8"	60	15-F 206	25,000	13,000	10	100
2"	3/8"	80	15-F 208	25,000	13,000	10	100
2"	3/8"	120	15-F 212	25,000	13,000	10	100
2"	1"	40	15-F 304	25,000	13,000	10	100
2"	1"	60	15-F 306	25,000	13,000	10	100
2"	1"	80	15-F 308	25,000	13,000	10	100
2"	1"	120	15-F 312	25,000	13,000	10	100
2"	1"	240	15-F 324	25,000	13,000	10	100
3"	1"	40	15-F 704	20,000	11,000	10	100
3"	1"	60	15-F 706	20,000	11,000	10	100
3"	1"	80	15-F 708	20,000	11,000	10	100
3"	1"	120	15-F 712	20,000	11,000	10	100
3"	1 1/2"	40	15-F 804	20,000	11,000	10	100
3"	1 1/2"	60	15-F 806	20,000	11,000	10	100
3"	1 1/2"	80	15-F 808	20,000	11,000	10	100
3"	1 1/2"	120	15-F 812	20,000	11,000	10	100
3"	1 1/2"	240	15-F 824	20,000	11,000	10	100
3"	2"	40	15-F 904	20,000	11,000	10	100
3"	2"	60	15-F 906	20,000	11,000	10	100
3"	2"	80	15-F 908	20,000	11,000	10	100
3"	2"	120	15-F 912	20,000	11,000	10	100

* Can also be sold by the unit.





Hand pads:

- ▷ Pads are washable and can be reused
- ▷ Replace steel wool with no rusting, splintering or contamination of the workpiece



Rolls:

- ▷ Can easily be cut into strips of desired size
- ▷ For manual or machine operations
- ▷ Ideal for removing rust and corrosion

BLENDEx™ HAND FINISHING ABRASIVES

Flexible rolls and sheets for general purpose sanding, deburring, surface cleaning and finishing. They easily adapt to irregular surfaces making them indispensable in repair or maintenance applications.



HAND PADS

Size	Order No.	Color	Type	Std. Pkg.
6" × 9"	07-A 100	Maroon	Blending	60
6" × 9"	07-A 200	Grey	Finishing/Polishing	60
6" × 9"	07-A 300	Tan	Heavy-duty	60
6" × 9"	07-A 400	Green	General purpose	60
6" × 9"	07-A 500	White	Cleaning	60
6" × 9"	07-A 600	Black	Finishing/Surface Preparation	60

Accessory

Hand pad holder

With molded hook pattern for positive pad holding and easy grip handle
3" × 6"

Order No. 07-A 001



ROLLS



Width	Length	Order No.	Color	Type	Std. Pkg.	Std. Ctn.
4"	30'	07-B 104	Maroon	Blending	1	10
4"	30'	07-B 204	Grey	Finishing/Polishing	1	10
4"	30'	07-B 304	Tan	Heavy-duty	1	10
4"	30'	07-B 404	Green	General purpose	1	10
4"	30'	07-B 504	White	Cleaning	1	10

Tech tip!

Use white hand pad (Order no.: 07-A 500) or roll (Order no.: 07-B 504) with SURFOX Pre-Weld to clean soiled surfaces.



SURFOX Pre-Weld
Order No. 54-A 083

COOLCUT™ SHOP ROLLS AND HAND SHEETS

COOLCUT™ cloth abrasives are made from fast-cutting aluminum oxide grain resin-bonded onto a wear-resistant high-quality cotton cloth backing for cool and effective cutting. Get through general sanding, light removal and deburring, surface cleaning and finishing fast.

SHOP ROLLS

Fe-S-CI
<0.1%



Width	Length	Grit	Order No.	Std. Pkg.	Std. Ctn.
1"	50 yards	60	14-C 106	1	10
1"	50 yards	80	14-C 108	1	10
1"	50 yards	100	14-C 110	1	10
1"	50 yards	120	14-C 112	1	10
1"	50 yards	180	14-C 118	1	10
1"	50 yards	240	14-C 124	1	10
1"	50 yards	320	14-C 132	1	10
1 ½"	50 yards	60	14-C 206	1	10
1 ½"	50 yards	80	14-C 208	1	10
1 ½"	50 yards	100	14-C 210	1	10
1 ½"	50 yards	120	14-C 212	1	10
1 ½"	50 yards	180	14-C 218	1	10
1 ½"	50 yards	240	14-C 224	1	10
1 ½"	50 yards	320	14-C 232	1	10
2"	50 yards	60	14-C 306	1	10
2"	50 yards	80	14-C 308	1	10
2"	50 yards	100	14-C 310	1	10
2"	50 yards	120	14-C 312	1	10
2"	50 yards	180	14-C 318	1	10
2"	50 yards	240	14-C 324	1	10
2"	50 yards	320	14-C 332	1	10



- ▶ Premium J-weight cloth backing for long life and flexibility
- ▶ Ideal for use in maintenance shops, machine shops, manufacturing plants and more
- ▶ Safe for use on all metals

HAND SHEETS



Dimensions	Grit	Order No.	Std. Pkg.	Std. Ctn.
9" x 11"	40	14-A 904	25	250
9" x 11"	40	14-A 904A	5	250
9" x 11"	60	14-A 906	25	250
9" x 11"	60	14-A 906A	5	250
9" x 11"	80	14-A 908	25	250
9" x 11"	80	14-A 908A	5	250
9" x 11"	100	14-A 910	25	250
9" x 11"	100	14-A 910A	5	250
9" x 11"	120	14-A 912	25	250
9" x 11"	120	14-A 912A	5	250
9" x 11"	180	14-A 918	25	250
9" x 11"	180	14-A 918A	5	250
9" x 11"	240	14-A 924	25	250
9" x 11"	240	14-A 924A	25	250
9" x 11"	320	14-A 932	25	250
9" x 11"	320	14-A 932A	5	250
9" x 11"	Assorted pack.*	14-A 990A	5	250

* 2 x 14-A 932, 2 x 14-A 918, 1 x 14-A 906



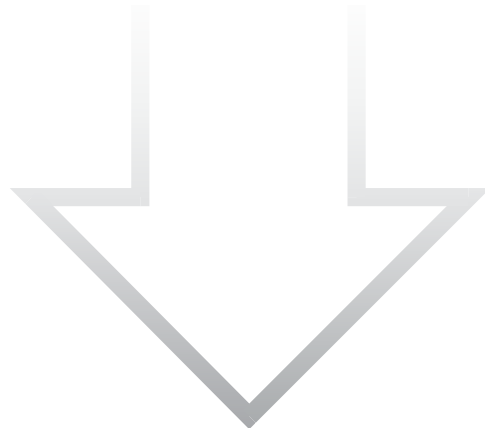
- ▶ Woven backing is extra tough but tears straight for easy sizing
- ▶ Wear resistant and high performing
- ▶ Long lasting and cool cutting

THE **BUCKET** PROGRAM

Evaluation of cost savings potential and improved worker safety

Walter will assist in optimizing your workflow and cost savings by analyzing your abrasive and tooling usages and work processes through our Bucket Program. Based on our analysis, we will be able to make recommendations on how you can improve efficiency, reduce abrasive costs, improve productivity and encourage safer working habits, maximizing every dollar spent on consumables.

Contact your Walter representative or distributor and ask how you can participate in the Walter Bucket Program.



06

FINISHING



LINEAR SURFACE FINISHING SYSTEM

The Line-Mate linear surface finishing system

is the most versatile tool for applications that involve applying a linear scratch pattern. Line-Mate features a complete range of innovative abrasives designed to match any linear finish and reduce your finishing costs. Whether you work with stainless steel, aluminum, brass, copper or other alloys, Line-Mate allows you to achieve the desired finish quickly and with minimal effort.



This is the finish you get for each product if used on a 2B stainless steel surface.

			Type of finish						
				Pre-finishing	Coarse finish	Sanitary	Pharma	Light polish	Mirror finish
PRODUCT	APPLICATION	PRODUCT CATEGORY	Ra	(>60 μin)	(60-50 μin)	(40-25 μin)	(16-12 μin)	(8-4 μin)	(4-1 μin)
			Grit size						
DRUMS	FX Drums @2000 RPM	Cleaning	07-L	Coarse					
	COOLCUT Flap Drums @2000 RPM	Graining	07-J	40					
				60					
				80					
				120					
	BLENDEX Drums @2000 RPM	Finishing	07-M	Coarse					
				Medium					
				Fine					
				Super Fine					
				Ultra Fine					
	2-in-1 TURBO Drums @2000 RPM	Graining	07-K	60					
	2-in-1 Drums @2000 RPM	Linear finishing	07-K	80					
	Buffing Drums and polishing pastes @2000 RPM	Applying a mirror finish	07-T + paste	Instant Polish 1000-1500					
			07-T + paste	Ultimate Shine 2000-2500					
BELTS	Cloth Drum Belts @2000 RPM	Removing deep scratches (stock removal)	07-F	40					
				60					
				80					
				120					
	Blendex Drum Belts @2000 RPM	Graining and finishing	07-H	Coarse					
				Medium					
				Fine					
				Super Fine					
	High Polish Drum Belts, Instant Polish Drum Belts and polishing pastes	Applying a mirror finish	07-T + paste	Instant Polish 1000-1500					
			07-T + paste	Ultimate Shine 2000-2500					

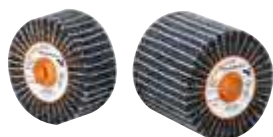
LINE-MATE LINEAR SURFACE FINISHING SYSTEM

The professional choice for applying a linear finish

The Line-Mate III surface finishing system is the most versatile method for all applications where a linear scratch pattern is required. Whether you need to grind, sand, clean, buff or polish a metal surface, this system offers the most complete range of products to match the desired surface finish.



- ▷ Ideal for graining and light metal removal and as a first step in the finishing process
- ▷ Will give a consistent and uniform finish
- ▷ Will not load or glaze



- ▷ Combine two finishing steps into one: The coated abrasive cloth cuts aggressively while the interweaved BLENDEX flaps produce a satin linear finish



- ▷ Removes like a grinding belt while the interweaved BLENDEX flaps produce a #3 finish

COOLCUT™ FLAP DRUMS



Dia.	Width	Arbor	Grit	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/4"	2"	5/8"-11	40	07-J 424	3,800	1	10
4 1/4"	2"	5/8"-11	60	07-J 426	3,800	1	10
4 1/4"	2"	5/8"-11	80	07-J 428	3,800	1	10
4 1/4"	2"	5/8"-11	120	07-J 432	3,800	1	10
4 1/4"	4"	5/8"-11	40	07-J 444	3,800	1	10
4 1/4"	4"	5/8"-11	60	07-J 446	3,800	1	10
4 1/4"	4"	5/8"-11	80	07-J 448	3,800	1	10
4 1/4"	4"	5/8"-11	120	07-J 452	3,800	1	10

TWO-IN-ONE™ DRUMS



Dia.	Width	Arbor	Grit	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/4"	2"	5/8"-11	80	07-K 322	3,800	1	10
4 1/4"	4"	5/8"-11	80	07-K 342	3,800	1	10
4 1/2"	2"	5/8"-11	80	07-K 422	3,800	1	10
4 1/2"	4"	5/8"-11	80	07-K 442	3,800	1	10

TWO-IN-ONE™ TURBO DRUMS



Dia.	Width	Arbor	Grit	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	2"	5/8"-11	60	07-K 421	3,800	1	10
4 1/2"	4"	5/8"-11	60	07-K 441	3,800	1	10

BLENDEX™ DRUMS

Dia.	Width	Arbor	Grit	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/4"	2"	5/8"-11	Coarse	07-M 322	3,800	1	10
4 1/4"	2"	5/8"-11	Medium	07-M 323	3,800	1	10
4 1/4"	2"	5/8"-11	Fine	07-M 324	3,800	1	10
4 1/4"	4"	5/8"-11	Coarse	07-M 342	3,800	1	10
4 1/4"	4"	5/8"-11	Medium	07-M 343	3,800	1	10
4 1/4"	4"	5/8"-11	Fine	07-M 344	3,800	1	10
4 1/2"	2"	5/8"-11	Coarse	07-M 422	3,800	1	10
4 1/2"	2"	5/8"-11	Medium	07-M 423	3,800	1	10
4 1/2"	2"	5/8"-11	Fine	07-M 424	3,800	1	10
4 1/2"	2"	5/8"-11	Super fine	07-M 425	3,800	1	10
4 1/2"	4"	5/8"-11	Coarse	07-M 442 *	3,800	1	10
4 1/2"	4"	5/8"-11	Medium	07-M 443 *	3,800	1	10
4 1/2"	4"	5/8"-11	Fine	07-M 444	3,800	1	10
4 1/2"	4"	5/8"-11	Super fine	07-M 445	3,800	1	10
4 1/2"	4"	5/8"-11	Ultra fine	07-M 446 **	3,800	1	10

* 07-M 442 and 07-M 443: Now with "Perfect Brushed Finish" technology.
Exclusive to Walter, this technology provides a shadow-free finish right from the start.

** Ultra-Fine HG (High Gloss) drums are ideal for enhancing and brightening existing finishes, taking out stains in metals and bringing out a new lustre in work surfaces.

BLENDEX HD™ DRUMS

Dia.	Width	Arbor	Grit	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	2"	5/8"-11	Coarse	07-M 411	3,800	1	10

INOX TAPE

Excellent for a perfect mitred corner finish

Length	Width	Thick.	Order No.	Std. Pkg.
16'	1 5/8"	.005"	07-T 100	1

BUFFING DRUMS

Dia.	Width	Arbor	Grit	Order No.	Max. RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
4 3/4"	2"	5/8"-11	Multi-ply cotton	07-T 425	3,800	1,700 to 2,200	1	10
4 3/4"	2"	5/8"-11	Fold cotton	07-T 427	3,800	1,700 to 2,200	1	10

Use with polishing pastes.

Popular applications include upgrading of #4 finishes, polishing to a food grade finish, repairing minor scratches, etc.

**HIGH POLISH DRUM BELTS**

Width	Length	Dia.	Color	Order No.	Std. Pkg.	Std. Ctn.
5 3/8"	11 5/8"	3 1/2"	White	07-T 530	1	10
3 1/2"	15 1/2"	5"	Yellow	07-T 534	1	10
5 3/8"	11 5/8"	3 1/2"	Yellow	07-T 534	1	10



Can be used to polish, burnish, blend, deburr, clean and brighten stainless steel, aluminum, brass, copper and other alloys



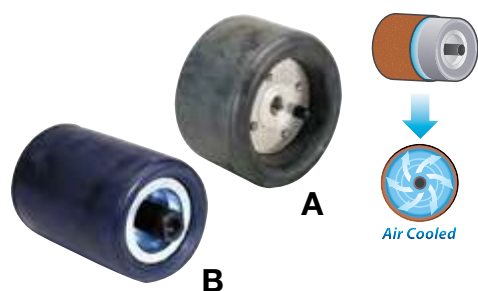
Blendex High Density (HD) drums are for demanding applications like deburring or working on outside corners as they are denser and have a longer life

Thin stainless steel tape with adhesive strip
Use only on cool surfaces



Multi-Ply (Harder) Fold (Softer)

Ideal for enhancing and brightening existing finishes, taking out stains in metals and bringing out a new lustre in work surfaces
Use with polishing pastes for a mirror finish



PNEUMATIC DRUMS

Accessories

Photo	Width	Dia.	Arbor	Max. RPM	Order No.
A	3 1/2"	5"	5/8"-11	3,800	07-F 037*
B	5 3/8"	3 1/2"	5/8"-11	3,800	07-F 051

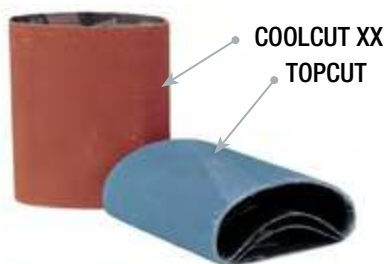
*MUST USE extension for pneumatic drum A

Replacement rubber bladder assemblies

3 1/2" x 5" (for drum A)	07-F 093
5 3/8" x 3 1/2" (for drum B)	07-F 095
Drum Inflator	07-F 014
Valve core for both drums	07-F 013

Put a cushion of air between your abrasives to:

- ▷ Eliminate edge cutting and swirl marks
- ▷ Increase sandpaper life by reducing heat build-up
- ▷ Allow more flexibility – conforms to curved surfaces



TOPCUT™ AND COOLCUT XX™ DRUM BELTS



- ▷ Allows you to create or restore linear finishes, level off small welds, round corners, remove deep scratches, etc.
- ▷ Equipped with taped butt-joints for longer life and higher removal rates

Width	Length	Dia.	Grit	Order No.	Std. Pkg.	Std. Ctn.
3 1/2"	15 1/2"	5"	40 TOPCUT	07-F 364	5	100
3 1/2"	15 1/2"	5"	60 COOLCUT XX	07-F 366	5	100
3 1/2"	15 1/2"	5"	80 COOLCUT XX	07-F 368	5	100
3 1/2"	15 1/2"	5"	120 COOLCUT XX	07-F 371	5	100
5 3/8"	11 5/8"	3 1/2"	40 TOPCUT	07-F 504	5	100
5 3/8"	11 5/8"	3 1/2"	60 COOLCUT XX	07-F 506	5	100
5 3/8"	11 5/8"	3 1/2"	80 COOLCUT XX	07-F 508	5	100
5 3/8"	11 5/8"	3 1/2"	120 COOLCUT XX	07-F 511	5	100



BLENDEX™ DRUM BELTS



- ▷ **Coarse:** For tough cleaning or removing rust and small scratches
- ▷ **Medium:** For conditioning and removing surface imperfections
- ▷ **Fine:** For fine surface refinements
- ▷ **Super fine:** Use to produce decorative finishes or as a last step before applying a mirror finish

Width	Length	Dia.	Grit	Order No.	Std. Pkg.	Std. Ctn.
3 1/2"	15 1/2"	5"	Coarse	07-H 362	1	10
3 1/2"	15 1/2"	5"	Medium	07-H 363	1	10
3 1/2"	15 1/2"	5"	Fine	07-H 364	1	10
3 1/2"	15 1/2"	5"	Super fine	07-H 365	1	10
5 3/8"	11 5/8"	3 1/2"	Coarse	07-H 502	1	10
5 3/8"	11 5/8"	3 1/2"	Medium	07-H 503	1	10
5 3/8"	11 5/8"	3 1/2"	Fine	07-H 504	1	10
5 3/8"	11 5/8"	3 1/2"	Super fine	07-H 505	1	10



- ▶ Achieve a #8 mirror finish in just one step
- ▶ The polishing paste comes pre-applied on the belt
- ▶ Packed in a resealable bag that protects the belt from contaminants and drying



- ▶ Ideal for cleaning or finishing pipes, tubes and railings
- ▶ Produces a new sheen on tarnished pipes
- ▶ T-Lock allows quick and easy access when finishing closed loop workpieces

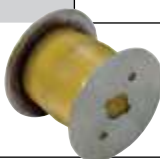


Accessory

Belt drive roller

3 1/4" x 2 3/4" x 5/8"-11

Order No. 07-F 002



- ▶ Allows you to use T-Lock belts with the Line-Mate III tool for finishing pipes, tubing and railing



INSTANT POLISH™ DRUM BELTS

One-step solution for achieving a #8 mirror finish



Width	Length	Dia.	Order No.	Std. Pkg.	Std. Ctn.
3 1/2"	15 1/2"	5"	07-T 336	1	10
5 5/8"	11 5/8"	3 1/2"	07-T 536	1	10

BLENDEX™ T-LOCK BELTS



Width	Length	Grit	Color	Order No.	Std. Pkg.	Std. Ctn.
1 3/16"	24"	Coarse	Tan	07-H 242	3	48
1 3/16"	24"	Medium	Maroon	07-H 243	3	48
1 3/16"	24"	Fine	Blue	07-H 244	3	48
1 3/16"	24"	Super fine	Grey	07-H 245	3	48

T-LOCK POLISHING FELT BELT



Width	Length	Color	Order No.	Std. Pkg.	Std. Ctn.
1 3/16"	24"	White	07-T 225	3	48

Use with polishing paste.



HAND RAIL FINISHING KIT

Order No. 07-H 992

Includes:

- 1 belt drive roller (07-F 002)
- 4 BLENDEX strip belts:
 - 1 coarse (07-H 242)
 - 1 medium (07-H 243)
 - 1 fine (07-H 244),
 - 1 super fine (07-H 245).

FX™ FLEX DRUMS

Clean welds and finish the surface in one step

Use the new FX™ FLEX drum to easily clean TIG and MIG welds while leaving a fine #4 finish on your metal surfaces. This product is ideal for cleaning uneven surfaces like checker plate. FX™ FLEX drums are made with a lower density material which allows you to achieve a perfectly uniform fine #4 finish on your metal surfaces. Save time and replace multiple tools with just one with the new FX™ FLEX drums.



Dia.	Width	Arbor	Grit	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	2"	5/8"-11	Flex coarse	07-L 422	3,800	1	10
4 1/2"	4"	5/8"-11	Flex coarse	07-L 442	3,800	1	10

FX™ DRUMS



Dia.	Width	Arbor	Grit	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	2"	5/8"-11	Coarse	07-L 420	3,800	1	10
4 1/2"	4"	5/8"-11	Coarse	07-L 440	3,800	1	10

FX™ DRUMS REVERSIBLE



Dia.	Width	Arbor	Grit	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	4"	5/8"-11	Coarse	07-L 441	3,800	1	10

LINEAR CRIMPED BRUSHES



Dia.	Width	Arbor	Wire size	Wire type	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	2"	5/8"-11	.01"	Tempered steel	13-M 454	4,000	1	10

LINEAR CRIMPED BRUSHES



Dia.	Width	Arbor	Wire size	Wire type	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	2"	5/8"-11	.01"	S/S 304	13-M 464	4,000	1	10

LINE-MATE III™ SYSTEM

Linear finishing made easy

The Line-Mate III™ is a versatile variable speed tool that allows you to quickly and easily apply a wide range of linear finishes to metal surfaces. Its powerful motor will help you complete even the toughest jobs with ease. RPM remains constant under load for a consistent and uniform finish every time. When you have a project that requires a linear scratch pattern applied to the surface, trust Line-Mate to get the job done quickly and efficiently.

Includes:

- 1 Line-Mate III™ with standard equipment plus carrying case
- 1 pneumatic drum (07-F 051)
- 6 cloth drum belts (2 each grit: 60: 07-F 506, 80: 07-F 508 and 120: 07-F 511)
- 2 BLENDEX drum belts (Coarse: 07-H 502, medium: 07-H 503)
- 1 TWO-IN-ONE drum (4 1/4" x 4": 07-K 342)
- 1 BLENDEX drum (4 1/4" x 4" medium: 07-M 343)

Model	Order No.	Spindle RPM	Thread	Motor	Amps	Weight
6268 KIT	30-A 269	1,000 –3,800	5/8"-11	120V A.C. only	12.4 A	16 lbs



- ▷ More flexible non woven mesh – cleans any uneven surface
- ▷ Clean TIG and MIG welds and leave a fine #4 finish
- ▷ Perfect on stainless steel



- ▷ Open web-like construction assures cool operation that resists loading
- ▷ Will strip paint with ease, remove rust and scale
- ▷ Firm coarse non-woven flaps for tough cleaning applications



- ▷ Reversible for uniform wear on uneven surfaces



- ▷ Perfect for a ready-to-paint finish
- ▷ Cleans large surfaces faster
- ▷ Provides a smooth linear finish
- ▷ The best solution to clean uneven surfaces

- ▷ Follows the direction of the grain
- ▷ The fastest way to clean oxidized and discolored welds



FINISHING TUBES, RAILS AND PIPES

RAIL-MATE™

Remove welds and finish pipes, tubes and railings faster

The RAIL-MATE™ allows you to use our premium abrasive products in a new belt format to finish pipes, tubes and railings. This powerful finishing tool features variable speed settings so that you can tackle any job from blending welds or heavy stock removal all the way to polishing and finishing surfaces. Easily create a linear scratch pattern around the circumference of pipes, tubes and rails with RAIL-MATE™.

See page 173 for more details.



TACKLE ANY APPLICATION
FROM HEAVY STOCK
REMOVAL TO POLISHING

Benefits

- ▷ Allows you to quickly switch between abrasives to take time and cost out of finishing jobs
- ▷ Durable industrial tool that is built to last, saving you from having to replace your power tools every few months
- ▷ Designed to exceed all safety standards, creating a safer work environment

Features

- ▷ Dialspeed™ variable speed control allows you to quickly go from 1,600-3,200 RPM to tackle any application from heavy stock removal to polishing
- ▷ Powerful 1,200W industrial motor with Dynamax™ RPM monitoring to maintain constant RPM under load
- ▷ Soft Start™ technology helps to avoid kickback when starting the tool

Tech tip!

Use faster speeds for heavy stock removal and lower speeds for finishing.

Finish (roughness average) obtained when using each product on 2B stainless steel surface.



Product	Application	Product category	Type of finish	Pre-finishing	Coarse finish	Sanitary	Pharma	Light polish	Mirror finish
			Ra	(>60 µin)	(60-50 µin)	(40-25 µin)	(16-12 µin)	(8-4 µin)	(4-1 µin)
			Grit size						
COOLCUT XX Drums	Blending	14-X	40						
			60						
			80						
			120						
BLENDEX Belts	Surface conditioning	07-D	Coarse						
			Medium						
			Fine						
High Polish Belts	Mirror finishing	07-T + paste	Instant Polish 1000-1500						
		07-T + paste	Ultimate Shine 2000-2500						

COOLCUT XX BELTS

For heavy stock removal

These coated abrasive belts use our exclusive Cyclone™ Technology with a premium ceramic abrasive grain blend to provide an extremely aggressive removal rate and long working life. This means you can remove weld beads and finish surfaces faster, reducing cycle time and taking labor time and cost out of the operation.

COOLCUT XX RAIL-MATE BELTS



Width	Length	Grit	Order No.	Max. RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
1 1/2"	30"	40	14-X 154	3,200	2,900	5	100
1 1/2"	30"	60	14-X 156	3,200	2,900	5	100
1 1/2"	30"	80	14-X 158	3,200	2,900	5	100
1 1/2"	30"	120	14-X 162	3,200	2,900	5	100

BLENDEX BELTS

For surface conditioning and removing fine scratches

Our proprietary BLENDEX belts outlast the competition and provide a consistent, uniform surface finish throughout the life of the belt. These non-woven belts excel at removing scratches and light corrosion or oxidation from stainless steel or aluminum tubes, rails or pipes.

BLENDEX RAIL-MATE BELTS



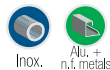
Width	Length	Grit	Order No.	Max. RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
1 1/2"	30"	Coarse	07-D 152	3,200	2,500	5	100
1 1/2"	30"	Medium	07-D 153	3,200	2,500	5	100
1 1/2"	30"	Fine	07-D 154	3,200	2,500	5	100

POLISHING BELTS

For applying a decorative or mirror finish

These durable belts are made of a special material that allows you to apply up to a #8 mirror finish with the use of our polishing pastes.

RAIL-MATE POLISHING BELTS



Width	Length	Color	Order No.	Max. RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
1 1/2"	30"	Yellow	07-T 220	3,200	1,600	5	20

POLISHING PASTES

For use with felt, high polish and instant polish discs

NSF category A7, registration #152698 (Instant Polish)

NSF category A7, registration #154489 (Ultimate Shine)



Name	Order No.	Weight	Grit	Std. Pkg.	Std. Ctn.
White paste	07-T 901	600 g	1200-1500	1	10
Blue paste	07-T 905	650 g	2000	1	10
Instant polish paste	07-T 907	1200 g	1000-1500	1	5
Ultimate Shine™ paste	07-T 909	1300 g	2000-2500	1	5



Benefits

- ▶ Reduce cycle time to take labor time and cost out of the job
- ▶ Long lasting performance to avoid frequent belt change outs and trips to the tool crib
- ▶ Consistent removal rate and surface finish throughout the life of the belt

Features

- ▶ Premium Cyclone™ Technology ceramic abrasive grain blend for the fastest removal and longest life in the industry
- ▶ Flexible cloth backing for any curved surface
- ▶ Guaranteed not to contaminate stainless steel (Fe-S-CL free)



Benefits

- ▶ Long lasting product that outlasts and outperforms the competition
- ▶ Quickly produces a new sheen on tarnished pipes
- ▶ Safe for use on all common metals and alloys

Features

- ▶ Non-woven design ensures consistent performance from start to finish
- ▶ Premium abrasive grain blend for maximum performance
- ▶ Will not clog or load on aluminum and other non-ferrous metals



Features

- ▶ Durable construction provides a long working life
- ▶ Extremely flexible to provide a superior surface finish



COATED ABRASIVE FILE BELTS

Walter offers a complete line of file belts for general purpose sanding, light weld removal, surface cleaning, blending, deburring and finishing of intricate shapes and profiles. An extra heavy-duty backing (Y-polyester) with a special butt-joint and glue ensure the longest belt life even in the most demanding applications.

- ▶ *Made with premium abrasive grain blends for fast material removal on all metal surfaces*
- ▶ *Excellent for contour and shape sanding applications requiring flexibility and fray resistance*



TOPCUT+

INOX+

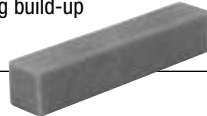
- ▶ *Made from top quality grain for sanding and finishing of stainless steel*
- ▶ *Leaves a smooth and bright surface finish*

Accessory

Rubber cleaning stick

Prolongs the life of drum belts by removing build-up

Order No. 14-E 001



NON-WOVEN ABRASIVE FILE BELTS

Assortment of non-woven abrasive file belts made with special reinforced nylon and abrasive grain to achieve a consistent and uniform finish. Conform to irregular surfaces with minimal smearing and discoloration of the workpiece.



- ▶ *Will not gouge or burn surfaces*
- ▶ *Specially formulated to resist loading and heat build-up*
- ▶ *Very flexible and suitable for edge finishing*
- ▶ *High performance butt joint eliminates breakage*

TOPCUT+ FILE BELTS



Width	Length	Grit	Order No.	Std. Pkg.	Std. Ctn.
1/2"	18"	36	14-D 033	25	200
1/2"	18"	60	14-D 036	25	200
1/2"	18"	80	14-D 038	25	200
1/2"	24"	36	14-D 053	25	200
1/2"	24"	60	14-D 056	25	200
1/2"	24"	80	14-D 058	25	200
3/4"	18"	36	14-D 103	25	200
3/4"	18"	60	14-D 106	25	200
3/4"	18"	80	14-D 108	25	200
3/4"	24"	36	14-D 123	25	200
3/4"	24"	60	14-D 126	25	200
3/4"	24"	80	14-D 128	25	200

INOX+ FILE BELTS



Width	Length	Grit	Order No.	Std. Pkg.	Std. Ctn.
1/2"	18"	36	14-B 033	25	200
1/2"	18"	60	14-B 036	25	200
1/2"	18"	80	14-B 038	25	200
1/2"	18"	120	14-B 042	25	200
1/2"	24"	36	14-B 053	25	200
1/2"	24"	60	14-B 056	25	200
1/2"	24"	80	14-B 058	25	200
1/2"	24"	120	14-B 062	25	200
3/4"	18"	36	14-B 103	25	200
3/4"	18"	60	14-B 106	25	200
3/4"	18"	80	14-B 108	25	200
3/4"	18"	120	14-B 112	25	200
3/4"	24"	36	14-B 123	25	200
3/4"	24"	60	14-B 126	25	200
3/4"	24"	80	14-B 128	25	200
3/4"	24"	120	14-B 132	25	200

BLENDEX+™ FILE BELTS



Width	Length	Grit	Order No.	Std. Pkg.	Std. Ctn.
1/2"	18"	Coarse	07-D 032	10	50
1/2"	18"	Medium	07-D 033	10	50
1/2"	18"	Very fine	07-D 034	10	50
1/2"	24"	Coarse	07-D 052	10	50
1/2"	24"	Medium	07-D 053	10	50
1/2"	24"	Very fine	07-D 054	10	50
3/4"	18"	Coarse	07-D 102	10	50
3/4"	18"	Medium	07-D 103	10	50
3/4"	18"	Very fine	07-D 104	10	50
3/4"	24"	Coarse	07-D 122	10	50
3/4"	24"	Medium	07-D 123	10	50
3/4"	24"	Very fine	07-D 124	10	50

CIRCULAR FINISHING QUICK-STEP SYSTEM



Video available at The Walter Network
www.youtube.com/user/TheWalterNetwork

For all your surface finishing needs!

Whether you are blending in welds, cleaning surfaces, refining and enhancing existing finishes or bringing out a mirror finish on stainless steel, steel, aluminum or any other ferrous and non-ferrous metals, Walter provides a complete line of tools for the art of metalworking!

This is the finish you get for each product if used on a 2B stainless steel surface.

Product	Application	Product category	Type of finish	Pre-finishing	Coarse finish	Sanitary	Pharma	Light polish	Mirror finish
			Ra	(>60 μin)	(60-50 μin)	(40-25 μin)	(16-12 μin)	(8-4 μin)	(4-1 μin)
			Grit size						
Quick-Step FX@5000 RPM	Cleaning	07-X	Coarse						
Quick-Step Flex@7000 RPM	Blending	07-Q	40						
			60						
			80						
			120						
Quick-Step XX@5000 RPM	Blending and surface conditioning	15-V	120						
			180						
			240						
Quick-Step Blendex@5000 RPM	Surface conditioning	07-R	X-tra Coarse						
			Coarse						
			Medium						
			Fine						
			Super fine						
Quick-Step Felt and Quick-Step High Polish with polishing pastes@2000 RPM	Mirror finishing	07-T + paste	Instant Polish 1000-1500						
		07-T + paste	Ultimate Shine 2000-2500						



Learn how to achieve the perfect finish every time with our online videos at

www.youtube.com/thewalternetwork



High Efficiency QUICK-STEP
sander/polisher (See p. 170 for details)

Hook and loop fastening
system for quick disc change
outs between finishing steps



Simply center pin on the backing
pad and mount QUICK-STEP disc



QUICK-STEP™ BACKING PADS

This patented backing pad is the heart of the QUICK-STEP system. It is made of industrial strength nylon that is guaranteed to retain its strength and flexibility even at elevated temperatures. Disc changes take only seconds.

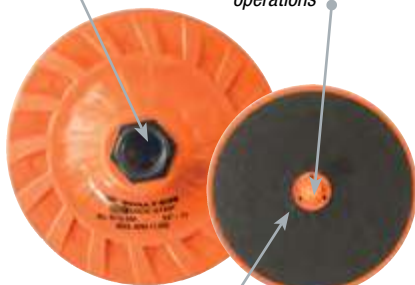
QUICK-STEP MG BACKING PADS

For maximum grip when working at high speeds. Use this backing pad with BLENDEX surface conditioning discs for best results

Pad dia.	For disc dia.	Thread	Order No.	Std. Pkg.	Std. Ctn.
4 1/2"	4 1/2"	5/8"-11	07-Q 149	1	10
5"	5"	5/8"-11	07-Q 154	1	10
6"	6"	5/8"-11	07-Q 164	1	10
7"	7"	5/8"-11	07-Q 174	1	10

Built-in threaded arbor
mounts directly onto
grinder's spindle

Exclusive centering pin
guarantees vibration-free
operations



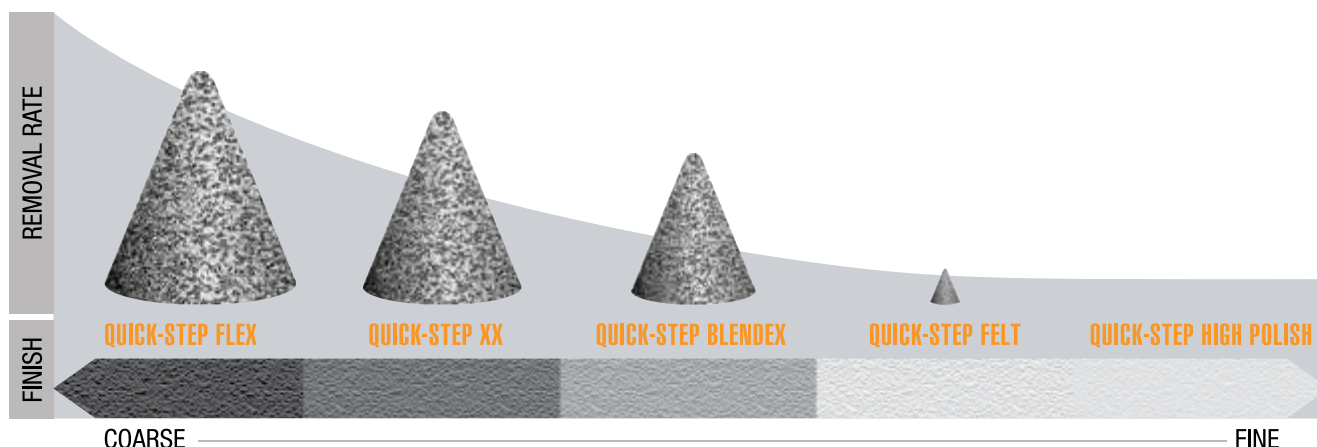
Torque resistant mushroom hooks
hold discs securely in place

QUICK-STEP BACKING PADS

Pad dia.	For disc dia.	Thread	Order No.	Std. Pkg.	Std. Ctn.
4"	4 1/2"	5/8"-11	07-Q 044	* 1	10
4 1/2"	4 1/2"	5/8"-11	07-Q 049	1	10
5"	5"	5/8"-11	07-Q 054	1	10
6"	6"	5/8"-11	07-Q 064	1	10
7"	7"	5/8"-11	07-Q 074	1	10

* QUICK-STEP flap discs and FX cleaning discs can be used with backing pad one diameter size below for more flexibility, to reach into corners and to use up worn discs.

QUICK-STEP™ METAL SURFACE FINISHING SYSTEM



QUICK-STEP™ FX

QUICK-STEP FX SURFACE CLEANING DISCS



Dia.	Order No.	Max. RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
4 1/2"	07-X 845	6,000	2,000 to 3,000	5	40
6"	07-X 860	6,000	2,000 to 3,000	5	40



- ▶ Extra strong non-woven construction for removing heavy paint, gaskets, sealing compounds, rust and scale from all metals
- ▶ Cleans without gouging or damaging the surface

QUICK-STEP™ FLEX



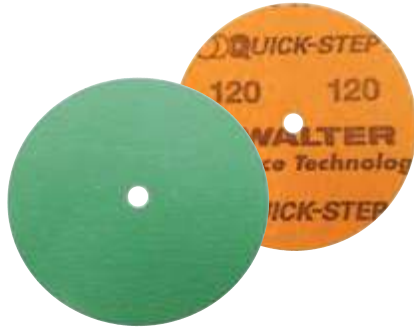
Dia.	Grit	Order No.	Max. RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
4 1/2"	40	07-Q 454	11,000	8,000	10	40
4 1/2"	60	07-Q 456	11,000	8,000	10	40
4 1/2"	80	07-Q 458	11,000	8,000	10	40
4 1/2"	120	07-Q 462	11,000	8,000	10	40
5"	40	07-Q 504	10,000	7,300	10	40
5"	60	07-Q 506	10,000	7,300	10	40
5"	80	07-Q 508	10,000	7,300	10	40
5"	120	07-Q 512	10,000	7,300	10	40
6"	40	07-Q 604	8,600	6,500	10	40
6"	60	07-Q 606	8,600	6,500	10	40
6"	80	07-Q 608	8,600	6,500	10	40
6"	120	07-Q 612	8,600	6,500	10	40



- ▶ For removing and blending in light welds, for deburring, breaking edges and rounding corners
- ▶ Aggressive, cool cutting and provides a consistent uniform finish
- ▶ Abrasive flaps are secured onto a flexible backing making them ideal for working on curved surfaces

Tech tip!

Use a backing pad one size below disc diameter for even more flexibility!



- ▶ *Extra long life – 6x the stock removal compared to aluminum oxide sanding discs*
- ▶ *Ultra High Removal Rate – twice as fast as Velcro or PSA (pressure sensitive adhesive) sanding discs*
- ▶ *Self-sharpening grain – consistently high cutting rate throughout lifetime*
- ▶ *Cooling agent – prevents burning and distortion*
- ▶ *Extra strong cloth backing – Resistant to ripping when catching an edge, unlike regular paper discs*



- ▶ *Reclosable polishing paste tube with convenient push-through system to protect paste from contaminants*
- ▶ *Suitable for use in food processing industries*
- ▶ *Achieve a mirror finish with only one paste*
- ▶ *Packed in a resealable bag that preserves the paste from contaminants and drying*



QUICK-STEP XX™ SANDING DISCS

This high performance sanding disc leverages our Cyclone™ Technology, a hightech blend of abrasive grains, and combines it with a special cooling agent. This allows you to blend and finish more pieces to improve productivity. Paired with an interface pad, this sanding disc allows for more flexibility, making it ideal for curved surfaces.



Dia.	Grit	Order No.	Max. RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
4 1/2"	120	15-V 412	7,400	5,000	25	250
4 1/2"	180	15-V 418	7,400	5,000	25	250
5"	120	15-V 512	6,150	4,000	25	250
5"	180	15-V 518	6,150	4,000	25	250
6"	120	15-V 612	5,100	3,000	25	250
6"	180	15-V 618	5,100	3,000	25	250

QUICK-STEP INTERFACE PADS

Ideal for working on curved surfaces or when greater flexibility is required. It provides a soft foam cushion between the abrasive and the backing pad to increase flexibility and produce a better finish without gouging the work surface.

Dia.	Order No.	Std. Pkg.	Std. Ctn.
4 1/2"	07-Q 045	1	10
5"	07-Q 050	1	10
6"	07-Q 060	1	10
7"	07-Q 070	1	10

SPACER WASHERS

For grinders with: 5/8"-11 spindle

07-Q 001

For grinders with: M14×2.0 spindle

07-Z 005

POLISHING PASTES

For use with felt, high polish and instant polish discs

NSF category A7, registration #152698 (Instant Polish)

NSF category A7, registration #154489 (Ultimate Shine)



Name	Order No.	Weight	Grit	Std. Pkg.	Std. Ctn.
White paste	07-T 901	600 g	1200-1500	1	10
Blue paste	07-T 905	650 g	2000	1	10
Instant polish paste	07-T 907	1200 g	1000-1500	1	5
Ultimate Shine™ paste	07-T 909	1300 g	2000-2500	1	5

QUICK-STEP BLENDEX

SURFACE CONDITIONING DISCS



Dia.	Grit	Order No.	Max. RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
4 1/2"	X-TRA COARSE, brown	07-R 450	11,000	4,000 to 6,500	10	100
4 1/2"	COARSE, tan	07-R 452	11,000	4,000 to 6,500	10	100
4 1/2"	MEDIUM, maroon	07-R 453	11,000	4,000 to 6,500	10	100
4 1/2"	FINE, blue	07-R 454	11,000	4,000 to 6,500	10	100
4 1/2"	SUPER FINE, grey	07-R 455	11,000	4,000 to 6,500	10	100
5"	X-TRA COARSE, brown	07-R 500	11,000	3,000 to 6,500	10	100
5"	COARSE, tan	07-R 502	11,000	3,000 to 6,500	10	100
5"	MEDIUM, maroon	07-R 503	11,000	3,000 to 6,500	10	100
5"	FINE, blue	07-R 504	11,000	3,000 to 6,500	10	100
6"	X-TRA COARSE, brown	07-R 600	8,600	3,000 to 6,500	10	100
6"	COARSE, tan	07-R 602	8,600	3,000 to 6,500	10	100
6"	MEDIUM, maroon	07-R 603	8,600	3,000 to 6,500	10	100
6"	FINE, blue	07-R 604	8,600	3,000 to 6,500	10	100
7"	X-TRA COARSE, brown	07-R 700	6,800	2,500 to 5,000	10	100
7"	COARSE, tan	07-R 702	6,800	2,500 to 5,000	10	100
7"	MEDIUM, maroon	07-R 703	6,800	2,500 to 5,000	10	100
7"	FINE, blue	07-R 704	6,800	2,500 to 5,000	10	100



X-TRA COARSE: *For blending*

COARSE: *For removing scratches*

MEDIUM: *For cleaning and eliminating superficial scratches*

FINE: *For fine striated finishes*

SUPER FINE: *Last step before decorative or polishing finishes*

QUICK-STEP FELT DISCS



Dia.	Order No.	Optimal RPM	Std. Pkg.	Std. Ctn.
4 1/2"	07-T 450	2,000 to 3,000	5	40
6"	07-T 600	2,000 to 3,000	5	40
6"	07-T 602 *	2,000 to 3,000	5	40
7"	07-T 700	2,000 to 3,000	5	40

* For use with ULTI-MATE finishing tool (page 110)

▶ **Felt discs**
Strong high density
Merino felt discs for all
heavy-duty finishing
and polishing job



QUICK-STEP HIGH POLISH DISCS



Dia.	Order No.	Optimal RPM	Std. Pkg.	Std. Ctn.
4 1/2"	07-T 454	2,000 to 3,000	10	100
5"	07-T 504	2,000 to 3,000	10	100
6"	07-T 604	2,000 to 3,000	10	100
7"	07-T 704	2,000 to 3,000	10	100

▶ **High polish discs**
Special soft polishing disc
produces high gloss and
mirror finishes faster



QUICK-STEP INSTANT POLISH™ DISCS

One-step solution to achieving a #8 mirror finish



Dia.	Order No.	Optimal RPM	Std. Pkg.	Std. Ctn.
4 1/2"	07-T 456	2,000 to 3,000	10	100
4 1/2"	07-T 457	2,000 to 3,000	2	20
5"	07-T 506	2,000 to 3,000	10	100
5"	07-T 507	2,000 to 3,000	2	20

▶ **Achieve a #8 mirror stainless steel finish faster than ever**

▶ **The polishing paste is pre-applied on the disc**

▶ **Packed in resealable bag that preserves the disc from contaminants and drying**



BLENDEX U™

Superior finishes in less time

BLENDEX™ Unitized Technology (BLENDEX U™) is used for deburring, blending and finishing any kind of metal, including stainless steel, titanium, aluminum, alloys and or plastic and fiberglass. These versatile abrasives are long-lasting and can replace many traditional abrasives, saving you steps in the finishing process and reducing your cycle time.



BLENDEX U CUP DISCS

SPIN-ON

Dia.	Arbor	Grade	Order No.	Max. RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
4 1/2"	5/8"-11	3SF	07-U 451	10,500	6,000	5	20
5"	5/8"-11	3SF	07-U 501	10,500	6,000	5	20

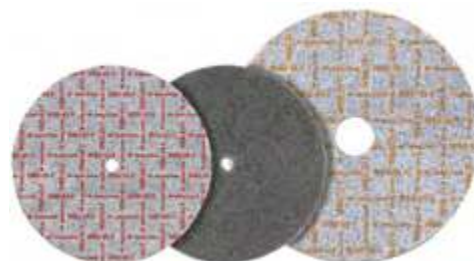


BLENDEX U WHEELS



Dia.	Width	Arbor	Grade	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
3"	1/4"	3/8"	2SF	07-U 321	15,100	20	200
3"	1/4"	3/8"	6SF	07-U 322	18,100	20	200
3"	1/4"	3/8"	6AM	07-U 323	18,100	20	200
6"	1/4"	1"	2SF	07-U 621	5,000	5	40
6"	1/4"	1"	6SF	07-U 622	7,500	5	40
6"	1/4"	1"	6AM	07-U 623	7,500	5	40
6"	1/2"	1"	2SF	07-U 651	5,000	4	36
6"	1/2"	1"	6SF	07-U 652	7,500	4	36
6"	1/2"	1"	6AM	07-U 653	7,500	4	36
6"	1"	1"	2SF	07-U 611	5,000	2	16
6"	1"	1"	6SF	07-U 612	7,500	2	16
6"	1"	1"	6AM	07-U 613	7,500	2	16

See reducer bushings on page 64.



- ▶ For use on portable or stationary machines
- ▶ Can be used on the edge or on either side of the wheel
- ▶ Safe for use on all metals

BLENDEX U MOUNTED POINTS



Dia.	Width	Grade	Color	Order No.	Max. RPM	Std. Ctn.
3/8"	1 1/4"	2SF	Orange	07-U 101	37,210	5
3/8"	1 1/4"	6SF	Red	07-U 102	37,210	5
3/8"	1 1/4"	6AM	Black	07-U 103	37,210	5

Also see BLENDEX U Twist discs on page 113.



- ▶ These points are made with high quality BLENDEX U material and offer a fast way to blend, clean and polish in difficult to reach areas. 1/4" shaft

POLISHING FLAP DISCS

High performance flap disc optimized for polishing and mirror finish applications

Get a professional shine efficiently and with the versatility of a flap disc. Strong removal rates and improved finishing capabilities ensure a consistent surface finish every time.

INSTANT POLISH FLAP DISC

Dia.	Order No.	Max. RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
4 1/2"	07-T 452	7,300	2,000	5	20
5"	07-T 502	7,300	2,000	5	20

ULTIMATE SHINE FLAP DISC

Dia.	Order No.	Max. RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
4 1/2"	07-T 453	7,300	2,000	5	20
5"	07-T 503	7,300	2,000	5	20

FELT CUP DISC

Hard density felt disc for polishing applications



Dia.	Width	Arbor	Order No.	Max. RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
5"	1/2"	5/8"-11	07-T 505	10,500	2,000-4,000	5	20



POLISHING PASTES

For use with felt, high polish and instant polish discs

NSF category A7, registration #152698 (Instant Polish)

NSF category A7, registration #154489 (Ultimate Shine)

Name	Order No.	Weight	Grit	Std. Pkg.	Std. Ctn.
White paste	07-T 901	600 g	1200-1500	1	10
Blue paste	07-T 905	650 g	2000	1	10
Instant polish paste	07-T 907	1200 g	1000-1500	1	5
Ultimate Shine™ paste	07-T 909	1300 g	2000-2500	1	5



- ▷ To achieve a mirror finish in a single step
- ▷ For use on angle grinders with a suitable speed range



- ▷ As a second step to achieve the best mirror finish
- ▷ For use on angle grinders with a suitable speed range



- ▷ To be used with polishing pastes
- ▷ For use on angle grinders with a suitable speed range
- ▷ Reclosable polishing paste tube with convenient push-through system to protect paste from contaminants
- ▷ Suitable for use in food processing industries



- ▷ Achieve a mirror finish with only one paste
- ▷ Packed in a resealable bag that preserves the paste from contaminants and drying



FX™ CLEANING ABRASIVES

Quick, easy surface cleaning on all metals

FX abrasives quickly remove paint, rust, scale, coatings, burn marks and gaskets without loading or clogging. Made from a high density, non-woven material, they are incredibly durable and can replace wire brushes in a wide variety of applications.

FX CUP DISCS

Dia.	Width	Arbor	Order No.	Max. RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
4 1/2"	3/4"	5/8"-11	07-X 450	10,500	6,000	5	20
5"	3/4"	5/8"-11	07-X 505	10,500	6,000	5	20

FX STAINLESS CUP DISCS

Dia.	Width	Arbor	Order No.	Max. RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
4.5"	1/2"	5/8"-11	07-X 452	10,000	4,000	5	20
5"	1/2"	5/8"-11	07-X 502	8,000	4,000	5	20

MOUNTED WHEELS

Dia.	Width	Arbor	Order No.	Max. RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
2"	1"	1/4"	07-X 120	11,000	6,000	1	10

CLEANING WHEELS

Dia.	Width	Arbor	Order No.	Max. RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
4"	1/2"	1/2"	07-X 640	6,000	3,500 to 4,000	10	40
6"	1/2"	1/2"	07-X 660	4,000	2,400 to 2,700	10	40



Video available at The Walter Network
www.youtube.com/user/TheWalterNetwork

Accessories

Mounting accessories for 4" FX wheels

Mandrels for use on straight grinders and drills

1/4" shaft **Order No. 07-X 004**

8 mm shaft **Order No. 07-X 003**

Mounting accessories for 6" FX wheels

Mandrels for use on straight grinders and drills

1/4" shaft (1/2" arbor) **Order No. 07-X 006**

1/4" shaft (7/8" arbor) **Order No. 07-X 008**

8 mm shaft (1/2" arbor) **Order No. 07-X 005**

Extension mandrels for use on angle grinders

M14 thread **Order No. 07-C 005**

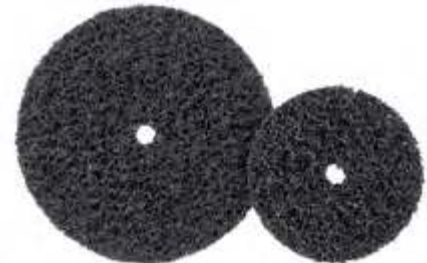
5/8"-11 thread **Order No. 07-C 006**



- ▷ Outstanding life and performance
- ▷ For use on angle grinders with a suitable speed range
- ▷ No backing pad required



- ▷ Excellent for working in confined areas



- ▷ Use on edge — narrow contact area for maximum pressure
- ▷ Excellent for cleaning welds and stripping paint





FX™ STAINLESS

For cleaning welds on stainless steel

These specially formulated non-woven abrasives help to remove heat tint and discoloration from stainless steel surfaces while simultaneously leaving a #4 finish. They can replace wire brushes in many applications without any risk of contaminating stainless steel or aluminum surfaces.

Dia.	Width	Arbor	Order No.	Max. RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
6"	1/2"	7/8"	07-X 661	4,000	2,400 to 2,700	5	20
6"	1/4"	7/8"	07-X 662	4,000	2,400 to 2,700	5	20
6"	1"	7/8"	07-X 663	4,000	2,400 to 2,700	5	20
6"	1/2"	1/2"	07-X 664	4,000	2,400 to 2,700	5	20
8"	1"	7/8"	07-X 683	4,000	2,400 to 2,700	5	20

Features

- ▶ Premium abrasive grain blend guaranteed not to contaminate stainless steel
- ▶ Easily conforms to uneven surfaces like weld beads
- ▶ FX design ensures consistent performance throughout the life of the wheel

Benefits

- ▶ Remove discoloration and finish weld surfaces in just one step
- ▶ Large diameter allows you to easily reach tight corners
- ▶ Safer to use than wire brushes (no risk of wires coming detached from the hub)



BLENDEX U TURBO

For blending in fillet welds and deburring applications

Blendex U Turbo was engineered to provide the versatility and performance of Blendex U with a more aggressive grade of abrasive grains designed to remove more material. The end result is a wheel that is perfect for deburring and blending in fillet welds while leaving a uniform, consistent surface finish. Stop wasting flap discs and use the right tool for the job when confronted with weld beads in tight corners or other intricate areas.

Features

- ▶ High grade unitized abrasive grain blend for premium performance
- ▶ Can be shaped to fit your specific application
- ▶ Provides a consistent, uniform surface finish throughout the life of the wheel

Tech tip!

Use with the ULTI-MATE system to blend and finish fillet welds with ease

Benefits

- ▶ Unitized design allows you to use the wheel at multiple angles for a variety of applications
- ▶ Extremely durable and long lasting
- ▶ The perfect system for blending in fillet welds when used with Ulti-Mate

Dia.	Width	Arbor	Grade	Order No.	Max. RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
6"	5/32"	7/8"	7ZC	07-U 615	8,000	5,500	6	60
6"	1/4"	7/8"	7ZC	07-U 625	8,000	5,500	4	200



QUICK-STEP™ STARTER KIT

Includes:

- 1 QUICK-STEP interface pad (07-Q 045)
- 1 QUICK-STEP backing pad (07-Q 049)
- 1 QUICK-STEP flex grit 120 (07-Q 462)
- 2 QUICK-STEP Blendex/Coarse (07-R 452)
- 2 QUICK-STEP Blendex/Medium (07-R 453)
- 2 QUICK-STEP Blendex/Fine (07-R 454)
- 1 QUICK-STEP felt disc (07-T 450)
- 1 QUICK-STEP high polish disc (07-T 454)
- 1 mini white paste stick (07-T 911)
- 1 mini blue paste stick (07-T 915)
- 2 QUICK-STEP XX grit 180 (15-V 418)

Features

- ▶ A complete range of abrasives for everything from weld blending to applying a #8 mirror finish

Dia.	Arbor	Order No.	Std. Pkg.	Std. Ctn.
4 1/2"	5/8"-11	07-Q 953	1	5

ULTI-MATE™ SYSTEM

Ulti-Mate system for finishing in tight corners

This versatile tool allows you to do everything from removing a weld to applying a #8 mirror finish when working in tight corners. The ideal tool for blending and finishing fillet welds, the Ulti-Mate™ allows you to take Walter abrasives to places that were previously inaccessible, allowing you to significantly reduce your cycle time and finish jobs faster.

See page 172 for more details.



**QUICK-STEP FELT DISC
TO USE WITH ULTI-MATE SYSTEM**
6" No. 07-T 602

Order No.: 30-A 287

Includes:

- Ulti-Mate powertool (30-A 287)
- 1 Enduro-Flex 2-in-1 Turbo (15-I 451)
- 1 Enduro-Flex 2-in-1 (15-I 453)
- 1 Blendex U Turbo, ¼" width (07-U 625)
- 1 Blendex U Turbo, ⅝/₃₂" width (07-U 615)
- 1 Blendex U 2SF, ¼" width (07-U 621)
- 1 FX Stainless Wheel, ¼" width (07-X 662)

Benefits

- ▶ Allows you to quickly switch between abrasives to take time and cost out of finishing jobs
- ▶ Durable industrial tool that is built to last, saving you from having to replace your power tools every few months
- ▶ Designed to exceed all safety standards, creating a safer work environment

Features

- ▶ Dialspeed™ variable speed control allows you to quickly go from 2,500-8,750 RPM to tackle any application from heavy stock removal to polishing
- ▶ Powerful 1,450 W industrial motor with Dynamax™ RPM monitoring to maintain constant RPM under load
- ▶ Soft Start™ technology

Finish (roughness average) obtained when using each product if used on a 2B stainless steel surface.



DISCS	Product	Application	Product category	Type of finish	Pre-finishing	Coarse finish	Sanitary	Pharma	Light polish	Mirror finish
				Ra	(>60 μin)	(60-50 μin)	(40-25 μin)	(16-12 μin)	(8-4 μin)	(4-1 μin)
				Grit size						
	Enduro-Flex 2-in-1 Turbo	Blending	15-I	36/60 + coarse						
	Enduro-Flex 2-in-1	Blending	15-I	80 + medium						
	BLENDEX U cup	Surface conditioning	07-U	3SF						
	FX cup	Surface cleaning	07-K	60						
WHEELS	BLENDEX U Turbo	Blending	07-U	7ZC						
	BLENDEX U	Surface conditioning	07-H	6AM						
				6SF						
				2SF						
	FX	Surface cleaning	07-X	FX						
				FX Stainless						
	Felt	Mirror finishing	07-T + paste	Instant Polish 1000-1500						
				Ultimate Shine 2000-2500						

TWIST™ SURFACE FINISHING SYSTEM

The **TWIST™ quick-change system** makes changing discs on small air grinders quick and easy, reducing cycle time. Achieve the desired finish quickly and maximize your productivity with this versatile line of high quality abrasives.

QUICK DISC CHANGE BETWEEN FINISHING STEPS

Simply twist any abrasive to the backing pad and start working

Quickly change out abrasives to achieve the desired finish in fewer steps and with less time wasted making trips to the tool crib



TWIST™ QUICK-CHANGE SURFACE FINISHING SYSTEM

Use these backing pads with TWIST abrasives to reduce the time spent changing from one abrasive to the next. Use orange backing pads for contour work and finishing or black backing pads for blending and light weld removal.

TWIST™ BACKING PADS

Dia.	Flexibility	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
1 1/2"	Medium	04-X 152	30,000	1	400
2"	Medium	04-X 202	30,000	1	400
2"	Hard	04-X 203	30,000	1	400
3"	Medium	04-X 302	28,000	1	400
3"	Hard	04-X 303	28,000	1	400

Color code: Medium = orange, Hard = black

TWIST™ FLAP DISCS

Dia.	Grit	Order No.	Max. RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
2 1/2"	40	04-A 254	23,000	12,000	10	400
2 1/2"	60	04-A 256	23,000	12,000	10	400
2 1/2"	80	04-A 258	23,000	12,000	10	400
2 1/2"	120	04-A 262	23,000	12,000	10	400

Use with 2" backing pads



- ▷ Molded polyurethane construction
- ▷ Removable mandrel
- ▷ Surface design ensures uniform disc support
- ▷ Allows for quick disc change-outs



- ▷ Long lasting with a consistent surface finish from start to end
- ▷ Very high removal rate
- ▷ Excellent for weld blending and finishing work

TWIST™ CF (Clean & Finish)

NEW

Clean & Finish for ultra-fine surface and contour grinding, and cleaning of metal or painted surfaces. The TWIST CF range has the flexibility and comfortability to produce a consistent finish on any workpiece.



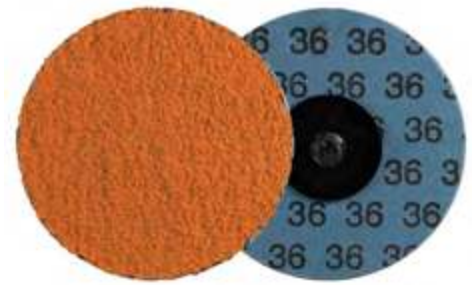
Dia.	Flexibility	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
2"	Medium	04-F 203	30,000	25	500
3"	Medium	04-F 303	28,000	25	500



TWIST COOLCUT XX SANDING DISCS



	Dia.	Grit	Order No.	Max. RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
N	1 1/2"	36	04-C 153	30,000	15,000	100	500
N	1 1/2"	50	04-C 155	30,000	15,000	100	500
N	1 1/2"	60	04-C 156	30,000	15,000	100	500
N	1 1/2"	80	04-C 158	30,000	15,000	100	500
N	1 1/2"	120	04-C 162	30,000	15,000	100	500
	2"	36	04-C 203	30,000	15,000	50	500
	2"	50	04-C 205	30,000	15,000	50	500
	2"	60	04-C 206	30,000	15,000	50	500
	2"	80	04-C 208	30,000	15,000	50	500
	2"	120	04-C 212	30,000	15,000	50	500
	3"	36	04-C 303	28,000	14,000	50	500
	3"	50	04-C 305	28,000	14,000	50	500
	3"	60	04-C 306	28,000	14,000	50	500
	3"	80	04-C 308	28,000	14,000	50	500
	3"	120	04-C 312	28,000	14,000	50	500



- ▶ Extremely aggressive removal rate for reduced cycle time
- ▶ The longest life in the industry to reduce your inventory needs
- ▶ Features Walter's exclusive Cyclone Technology™ high performance ceramic abrasive grain blend
- ▶ Grit is printed on the back for added convenience

TWIST TOPCUT SANDING DISCS



	Dia.	Grit	Color	Order No.	Max. RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
	2"	36	Black	04-D 203	30,000	15,000	50	2000
	2"	50	Yellow	04-D 205	30,000	15,000	50	2000
	2"	60	Blue	04-D 206	30,000	15,000	50	2000
	2"	80	Orange	04-D 208	30,000	15,000	50	2000
	2"	100	Green	04-D 210	30,000	15,000	50	2000
	2"	120	Beige	04-D 212	30,000	15,000	50	2000
	3"	36	Black	04-D 303	28,000	14,000	50	1000
	3"	50	Yellow	04-D 305	28,000	14,000	50	1000
	3"	60	Blue	04-D 306	28,000	14,000	50	1000
	3"	80	Orange	04-D 308	28,000	14,000	50	1000
	3"	100	Green	04-D 310	28,000	14,000	50	1000
	3"	120	Beige	04-D 312	28,000	14,000	50	1000



- ▶ High metal removal rate
- ▶ Long life due to special Zirconia alumina grain formulation
- ▶ Unique construction for optimal heat dissipation and wear resistance
- ▶ Color coded backing to easily distinguish between different grit sizes



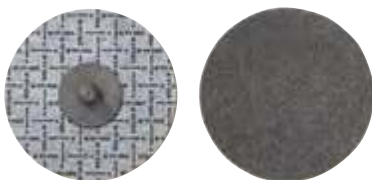
TWIST BLENDEX CONDITIONING DISCS



	Dia.	Grit	Color	Order No.	Max. RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
	2"	Extra-Coarse	Brown	04-G 201	30,000	15,000	25	1000
	2"	Coarse	Tan	04-G 202	30,000	15,000	25	1000
	2"	Medium	Maroon	04-G 203	30,000	15,000	25	1000
	2"	Fine	Blue	04-G 204	30,000	15,000	25	1000
	2"	Super fine	Grey	04-G 205	30,000	15,000	25	1000
	3"	Extra-Coarse	Brown	04-G 301	28,000	14,000	25	1000
	3"	Coarse	Tan	04-G 302	28,000	14,000	25	500
	3"	Medium	Maroon	04-G 303	28,000	14,000	25	500
	3"	Fine	Blue	04-G 304	28,000	14,000	25	500
	3"	Super fine	Grey	04-G 305	28,000	14,000	25	500



- COARSE:** For most heavy-duty applications
- MEDIUM:** For cleaning and removing surface imperfections
- FINE:** For producing a fine scratch pattern
- SUPER FINE:** Use as a last step before mirror finishing or to produce decorative finishes



- Designed for deburring, cleaning, blending, finishing light welds and polishing hard to reach areas

- Designed for polishing

- 100% pure premium wool product

- Use with Walter polishing pastes



- Reclosable polishing paste tube with convenient push-through system to protect paste from contaminants

- Suitable for use in food processing industries



- Extra strong non-woven construction for removing oxide, scale and gaskets
- Cleans without damaging the surface
- Leaves no residue on the surface



TWIST BLENDEX U DISCS



Dia.	Grade	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
3"	2SF	04-U 321	15,100	10	100
3"	6SF	04-U 322	15,100	10	100
3"	6AM	04-U 323	15,100	10	100

TWIST FELT DISCS



Dia.	Order No.	Max. RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
2"	04-T 204	30,000	12,000	25	1000
3"	04-T 304	28,000	10,000	25	500

POLISHING PASTES

For use with felt, high polish and instant polish discs

NSF category A7, registration #152698 (Instant Polish)

NSF category A7, registration #154489 (Ultimate Shine)



Name	Order No.	Weight	Grit	Std. Pkg.	Std. Ctn.
White paste	07-T 901	600 g	1200-1500	1	10
Blue paste	07-T 905	650 g	2000	1	10
Instant Polish paste	07-T 907	1200 g	1000-1500	1	5
Ultimate Shine™ paste	07-T 909	1300 g	2000-2500	1	5

FX SURFACE CLEANING DISCS



Dia.	Order No.	Max. RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
2"	04-L 200	30,000	12,000	10	400
3"	04-L 300	28,000	10,000	10	200

TWIST STARTER KITS

2" assortment includes:

- 1 medium backing pad (04-X 202)
- 2 flap discs (1 of each grit, 40: 04-A 254 and 80: 04-A 258)
- 15 TOPCUT discs (3 of each grit 36: 04-D 203, 50: 04-D 205, 60: 04-D 206, 80: 04-D 208 and 120: 04-D 212);
- 12 BLENDEX discs (3 of each grit, coarse: 04-G 202, medium: 04-G 203, fine: 04-G 204 and super fine: 04-G 205) and 1 FX disc (04-L 200).

Order No. 04-Z 992

3" assortment includes:

- 1 medium backing pad (04-X 302)
- 10 TOPCUT discs (2 of each grit 36: 04-D 303, 50: 04-D 305, 60: 04-D 306, 80: 04-D 308 and 120: 04-D 312);
- 4 BLENDEX discs (1 of each grit, coarse: 04-G 302, medium: 04-G 303, fine: 04-G 304 and super fine: 04-G 305) and 1 FX disc (04-L 300).

Order No. 04-Z 993

ALLSTEEL™ SPINLOCK™ SYSTEM

The SpinLock™ system makes changing discs quick and easy on air grinders.

The SpinLock™ Quick-Change Flap Disc is a tough abrasive that will make short work of weld blending and finishing work. Its high-performance zirconia-alumina grain blend is designed to last and offer a consistent surface finish on every job.



Simply spin any abrasive to the backing pad and start working



SPINLOCK™ QUICK-CHANGE

SPINLOCK™ BACKING PADS

Order No.	Dia.	Optimal RPM	Std Pkg.	Std Ctn
09-X 203	2"	30,000	1	10
09-X 303	3"	28,000	1	10



▶ Removable mandrel for quick disc change-outs

SPINLOCK™ FLAP DISCS



Order No.	Dia.	Grit	Max RPM	Optimal RPM	Std Pkg.	Std Ctn
09-A 204	2"	40	30,000	15,000	10	800
09-A 206	2"	60	30,000	15,000	10	800
09-A 208	2"	80	30,000	15,000	10	800
09-A 212	2"	120	30,000	15,000	10	800
09-A 304	3"	40	20,000	10,000	10	510
09-A 306	3"	60	20,000	10,000	10	510
09-A 308	3"	80	20,000	10,000	10	510
09-A 312	3"	120	20,000	10,000	10	510



▶ Very high removal rate
▶ Long lasting
▶ High-performance zirconia-alumina grain

SPINLOCK™ ALUMINUM OXIDE RESIN FIBER DISCS



Order No.	Dia.	Grit	Max RPM	Optimal RPM	Std Pkg.	Std Ctn
09-D 102	2"	24	30,000	15,000	25	2000
09-D 103	2"	36	30,000	15,000	25	2000
09-D 105	2"	50	30,000	15,000	25	2000
09-D 106	2"	60	30,000	15,000	25	2000
09-D 108	2"	80	30,000	15,000	25	2000
09-D 112	2"	120	30,000	15,000	25	2000
09-D 202	3"	24	28,000	14,000	25	1000
09-D 203	3"	36	28,000	14,000	25	1000
09-D 205	3"	50	28,000	14,000	25	1000
09-D 206	3"	60	28,000	14,000	25	1000
09-D 208	3"	80	28,000	14,000	25	1000
09-D 212	3"	120	28,000	14,000	25	1000



▶ Ideal for weld blending and finishing work
▶ High removal rate
▶ Consistent surface finish
▶ High-performance aluminum oxide grain

**SPINLOCK™
ZIRCONIA ALUMINA
RESIN FIBRE DISCS**


Order No.	Dia.	Grit	Max RPM	Optimal RPM	Std Pkg.	Std Ctn
09-D 403	2"	36	30,000	15,000	25	2000
09-D 406	2"	60	30,000	15,000	25	2000
09-D 408	2"	80	30,000	15,000	25	2000
09-D 503	3"	36	28,000	14,000	25	1000
09-D 506	3"	60	28,000	14,000	25	1000
09-D 508	3"	80	28,000	14,000	25	1000



- ▷ Ideal for weld blending and finishing work
- ▷ Very high removal rate
- ▷ Consistent surface finish and long life
- ▷ High-performance zirconia alumina grain

**SPINLOCK™
SURFACE CONDITIONING
DISCS**


Order No.	Dia.	Grit	Max RPM	Optimal RPM	Std Pkg.	Std Ctn
09-G 102	2"	36	30,000	15,000	25	2000
09-G 103	2"	60	30,000	15,000	25	2000
09-G 104	2"	80	30,000	15,000	25	2000
09-G 202	3"	36	28,000	14,000	25	1000
09-G 203	3"	60	28,000	14,000	25	1000
09-G 204	3"	80	28,000	14,000	25	1000



- ▷ Ideal for light or heavy finishing
- ▷ Consistent finishes every time in hard to reach areas
- ▷ Long life disc

SPINLOCK™ STARTER KITS
2" assortment includes:

- SpinLock™ backing pad
- SpinLock™ surface conditioning disc in coarse and medium grain
- SpinLock™ zirconia alumina resin fibre discs in 36, 60 and 80 grit.

Order No. 09-Z 992

3" assortment includes:

- SpinLock™ backing pad
- SpinLock™ surface conditioning disc in coarse and medium grain
- SpinLock™ zirconia alumina resin fibre discs in 36, 60 and 80 grit.

Order No. 09-Z 993



Safety Seminar

ABRASIVES | POWER TOOLS

Walter Surface Technologies trains thousands of workers every year worldwide on safe practices with abrasives.

For over 60 years, WALTER has been offering innovative solutions for the metalworking industry. Our Safety Seminar is part of our commitment to help you increase your productivity through safe practices.

Our Safety Seminar has been developed with years of industry experience, and input from users like you. Our trained instructors use an interactive format combining safety basics, PPE, proper identification and use of abrasives.



The Walter Safety Seminar is ...

- Interactive On-Site
- Industry Relevant
- Adapted to your needs



Contact your local WALTER representative to book your on-site sessions.

1.866.592.5837

walter.com/support/safety-first

Safety Seminar Topics:

- Why Is Safety Important?
- Key Safety Points
- Personal Protective Equipment
- Abrasive Basics
- Proper Mounting
- Safe Practices
- Industry Ratings

...and more

Keep in mind
Safety Starts With You!

07

BRUSHING



HIGH PERFORMANCE POWER BRUSHES



Power brushes have long been used for edge and surface conditioning on a wide variety of materials. Unlike grinding wheels and other abrasives that remove base material along with surface contaminants, power brushes work on the metal surface without removing the base material. The tips of the wire hammer the metal surface like thousands of tiny ball peens to finish and work the surface.

To withstand that kind of abuse, every Walter power brush is made from only the finest industrial grade materials. Combined with the latest manufacturing technology and strictest quality control, every power brush is designed to guarantee the highest productivity, longest brush life and maximum operator safety.

Perfect Balance

Every knot is perfectly balanced through an accurate wire count and an even trim length before being permanently anchored in an individual hole. This ensures perfect concentricity and vibration-free brushing for maximum operator comfort.

Internal steel plate holds wires securely in place even under extreme pressure for maximum strength and safety.



Longest Life

Premium high tensile wire is oil-hardened and tempered for the longest life. Wire quality is mill certified for every batch, ensuring consistent performance brush after brush.

Color coded hubs for easy identification

Hub color Wire type

Orange



Made with premium carbon steel wire that is oil hardened and tempered for longest life and maximum brushing action.

Blue



Made with 304 stainless steel wire to help prevent contamination and surface rusting of brushed stainless steel parts. Also may be used on aluminum and other non-ferrous metals.



Choose the right wire brush for your application

POWER TOOL USED	TYPE OF BRUSH	BRUSH DIA.	COMPATIBLE GRINDER DIAMETER	WIRE CONSTRUCTION	APPLICATION	METAL
 Flat cleaning	Wire cup brushes	3"	4", 4 1/2", 5", 6"	Crimped	For quick, efficient cleaning, brushing and finishing of large flat surfaces.	● ●
		4"	7", 9"	Knot-Twisted	For heavy-duty applications such as deburring, weld cleaning or removing significant oxidation from surfaces.	● ●
		5"	7", 9"	Knot-Twisted with ring	Heavy-duty cleaning with thicker wire and a supporting ring for added safety and a longer working life.	● ●
 Angle cleaning	Saucer-Cup brushes	4"	4", 4 1/2", 5"	Knot-Twisted	For weld cleaning and deburring in hard to reach areas such as inside corners, fillet welds and contours.	● ●
		5"	5", 6"	Crimped	For cleaning wider root passes and rough surfaces. Can clean on both sides of a weld at the same time.	●
 Vertical cleaning	Wire wheel brushes	6", 7"	7", 9"	Crimped	For cleaning welds or over uneven surfaces, such as pipe and tubing.	● ●
		4"	4", 4 1/2", 5"	Stringer Bead	For cleaning in narrow spaces such as in between passes on pipes or narrow grooves, etc.	● ●
		4 1/2"	4 1/2", 5"	Knot-Twisted	For cleaning wider root passes as well as removing scale, spatter and corrosion.	● ●
 Vertical cleaning	Wire wheel brushes	5"	5", 6"	Crimped	For light deburring and similar cleaning jobs, to remove paint, rust, etc.	● ●
		6", 6 7/8"	7", 9"	Knot-Twisted	For heavy-duty applications such as removal of rust, corrosion and gaskets.	● ●
 Vertical cleaning	Mounted brushes	4" to 10"	All bench and pedestal grinders with suitable speed range	Crimped	For cleaning hard to reach areas such as pipe interiors and confined spaces.	● ●
		1/2" to 4"	All drill or die grinders with a suitable speed range	Knot-Twisted	For heavy-duty applications such as removal of rust, corrosion and gaskets.	● ●

WIRE CUP BRUSHES

For angle grinders

Designed for high performance brushing of large flat surfaces. Our wire cup brushes are designed to outlast all competitive brushes. Whether you are removing paint, spatter, rust or cleaning weld edges, we have a brush that can help you work faster and more safely.

CRIMPED



Dia.	Arbor	Order No.	Wire	Max. RPM	Std. Pkg.	Std. Ctn.
3"	M10 x 1.25	13-D 300	.0118"	12,000	1	10
3"	M14 X 2.0	13-D 302	.0118"	12,000	1	10
3"	5/8"-11	13-D 304	.0118"	12,000	1	10
5"	5/8"-11	13-E 504	.020"	8,600	1	10



▶ *Crimped for light surface cleaning, rust and paint removal, etc.*

CRIMPED WITH RING



3"	5/8"-11	13-D 324	.0118"	12,000	1	10
4"	5/8"-11	13-D 424	.0118"	8,600	1	10
5"	5/8"-11	13-D 524	.0118"	8,600	1	10



▶ *Safety supporting ring controls flaring to extend brush life. Once wires are worn down to the ring, the ring can be removed to expose more wire for extra brush life*

CRIMPED



3"	M14 X 2.0	13-D 312	.0118"	12,000	1	10
3"	5/8"-11	13-D 314	.0118"	12,000	1	10
5"	5/8"-11	13-E 514	.020"	8,600	1	10

KNOT-TWISTED



Dia.	Arbor	Order No.	Wire	Max. RPM	Std. Pkg.	Std. Ctn.
3"	M10 x 1.25	13-F 300	.015"	12,000	1	10
3"	M10 x 1.5	13-F 301	.015"	12,000	1	10
3"	M14 X 2.0	13-F 302	.015"	12,000	1	10
3"	1/2"-13	13-F 303	.015"	12,000	1	10
3"	5/8"-11	13-F 304	.015"	12,000	1	10
3"	5/8"-11	13-F 354	.020"	12,000	1	10



Video available at The Walter Network
www.youtube.com/user/TheWalterNetwork

KNOT-TWISTED



3"	M10 x 1.5	13-F 310	.015"	12,000	1	10
3"	M14 X 2.0	13-F 312	.015"	12,000	1	10
3"	5/8"-11	13-F 314	.015"	12,000	1	10



▶ *Knot-twisted for heavy-duty brushing such as deburring, weld edge cleaning, removal of scale, spatter, heavy rust and corrosion, etc.*



- ▷ Knot-twisted with safety supporting ring for heavy-duty brushing
- ▷ Safety supporting ring controls flaring to extend brush life. Once worn down to the ring, it can be removed to expose more wire for extra brush life



Double-row

- ▷ Work two times faster on large surfaces
- ▷ Requires less torque from the power tool for the same efficiency
- ▷ Unbeatable life and added working hours per brush



WIRE CUP BRUSHES

KNOT-TWISTED WITH RING



Dia.	Arbor	Order No.	Wire size	Thick.	Max. RPM	Std. Pkg.	Std. Ctn.
3"	M14 x 2.0	13-G 302	.020"	½"	12,000	1	10
3"	½"-13	13-G 303	.020"	½"	12,000	1	10
3"	⅝"-11	13-G 304	.020"	½"	12,000	1	10
4"	⅝"-11	13-G 404	.020"	½"	8,600	1	10
5"	⅝"-11	13-G 504	.020"	½"	8,600	1	10
5"	⅝"-11	13-G 554	.035"	½"	8,600	1	10
6"	⅝"-11	13-G 604	.020"	½"	6,800	1	10

KNOT-TWISTED WITH RING



Dia.	Arbor	Order No.	Wire size	Thick.	Max. RPM	Std. Pkg.	Std. Ctn.
3"	M14 x 2.0	13-G 312	.020"	½"	12,000	1	10
3"	⅝"-11	13-G 314	.020"	½"	12,000	1	10
5"	⅝"-11	13-G 514	.020"	½"	8,600	1	10

DOUBLE-ROW KNOT-TWISTED CUP BRUSHES WITH RING



Dia.	Arbor	Order No.	Wire size	Thick.	Max. RPM	Std. Pkg.	Std. Ctn.
5"	⅝"-11	13-G 574	.020"	1"	8,600	1	10

DOUBLE-ROW KNOT-TWISTED CUP BRUSHES WITH RING



Dia.	Arbor	Order No.	Wire size	Thick.	Max. RPM	Std. Pkg.	Std. Ctn.
5"	⅝"-11	13-G 584	.020"	1"	8,600	1	10

WIRE WHEEL BRUSHES

For precision cleaning with angle grinders

These brushes are made from top quality wire that is perfectly knotted and balanced for minimal vibration and maximum operator safety. Quicker surface cleaning, the longest product life in the industry and an emphasis on operator safety make our wire wheel brushes the preferred choice for professionals throughout North America.

CRIMPED WIRE WHEEL



Dia.	Width	Arbor	Order No.	Wire size	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	5/8"	5/8"-11	13-J 454	0.0118"	12,500	1	10
5"	5/8"	5/8"-11	13-J 504	0.0118"	10,000	1	10
6"	5/8"	5/8"-11	13-J 604	0.0118"	9,000	1	10

CRIMPED WIRE WHEEL



Dia.	Width	Arbor	Order No.	Wire size	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	5/8"	5/8"-11	13-J 464	0.0118"	12,500	1	10
5"	5/8"	5/8"-11	13-J 514	0.0118"	10,000	1	10
6"	5/8"	5/8"-11	13-J 614	0.0118"	9,000	1	10

STRINGER BEAD



Dia.	Width	Arbor	Order No.	Wire size	Max. RPM	Std. Pkg.	Std. Ctn.
4"	3/16"	5/8"-11	13-K 404	.020"	20,000	1	10
4 1/2"	3/16"	5/8"-11	13-K 454	.020"	15,000	1	10
5"	1/4"	5/8"-11	13-K 504	.020"	15,000	1	10
6"	1/4"	5/8"-11	13-K 604	.020"	10,000	1	10
6 7/8"	1/4"	5/8"-11	13-K 654	.020"	9,000	1	10

STRINGER BEAD



Dia.	Width	Arbor	Order No.	Wire size	Max. RPM	Std. Pkg.	Std. Ctn.
4"	3/16"	5/8"-11	13-K 414	.020"	20,000	1	10
4 1/2"	3/16"	5/8"-11	13-K 464	.020"	15,000	1	10
5"	1/4"	5/8"-11	13-K 514	.020"	15,000	1	10
6"	1/4"	5/8"-11	13-K 614	.020"	10,000	1	10

KNOT-TWISTED



Dia.	Width	Arbor	Order No.	Wire size	Max. RPM	Std. Pkg.	Std. Ctn.
4"	3/8"	5/8"-11	13-L 404	.020"	20,000	1	10
4 1/2"	3/8"	5/8"-11	13-L 454	.020"	15,000	1	10
5"	3/8"	5/8"-11	13-L 504	.020"	15,000	1	10
6"	3/8"	5/8"-11	13-L 604	.020"	10,000	1	10

KNOT-TWISTED



Dia.	Width	Arbor	Order No.	Wire size	Max. RPM	Std. Pkg.	Std. Ctn.
4"	3/8"	5/8"-11	13-L 414	.020"	20,000	1	10
4 1/2"	3/8"	5/8"-11	13-L 464	.020"	15,000	1	10
5"	3/8"	5/8"-11	13-L 514	.020"	15,000	1	10
6"	3/8"	5/8"-11	13-L 614	.020"	10,000	1	10



▷ Stringer bead brushes are extra narrow to clean in tight areas such as between weld passes in pipe fitting



▷ Knot-twisted brushes are for surface cleaning after welding, to remove scale, spatter, rust and corrosion

SAUCER-CUP BRUSHES

For cleaning hard-to-reach areas

These brushes have a built-in working angle of 45° to clean surfaces in hard-to-reach areas such as inside corners, edges and contours. Knot-twisted brushes are tightly knotted to remove surface imperfections quickly and ensure a long, productive lifespan. Crimped brushes provide excellent cleaning on uneven surfaces.

- ▷ For surface cleaning such as removing paint, rust and corrosion
- ▷ Tightly knotted for maximum impact and long brush life (knot-twisted only)

CRIMPED



Dia.	Arbor	Order No.	Wire size	Thick.	Max. RPM	Std. Pkg.	Std. Ctn.
4"	5/8"-11	13-H 454	.012"	1/2"	12,500	1	10
5"	5/8"-11	13-H 554	.012"	3/4"	10,000	1	10
6"	5/8"-11	13-H 654	.012"	3/4"	9,000	1	10

KNOT-TWISTED



Dia.	Arbor	Order No.	Wire size	Thick.	Max. RPM	Std. Pkg.	Std. Ctn.
4"	5/8"-11	13-H 404	.015"	1/2"	20,000	1	10
5"	5/8"-11	13-H 504	.020"	1/2"	15,000	1	10
6"	5/8"-11	13-H 604	.020"	1/2"	12,500	1	10
7"	5/8"-11	13-H 704	.020"	1/2"	10,000	1	10

KNOT-TWISTED



Dia.	Arbor	Order No.	Wire size	Max. RPM	Std. Pkg.	Std. Ctn.
4"	5/8"-11	13-H 414	.015"	20,000	1	10
5"	5/8"-11	13-H 514	.020"	15,000	1	10
6"	5/8"-11	13-H 614	.020"	12,500	1	10
7"	5/8"-11	13-H 714	.020"	10,000	1	10

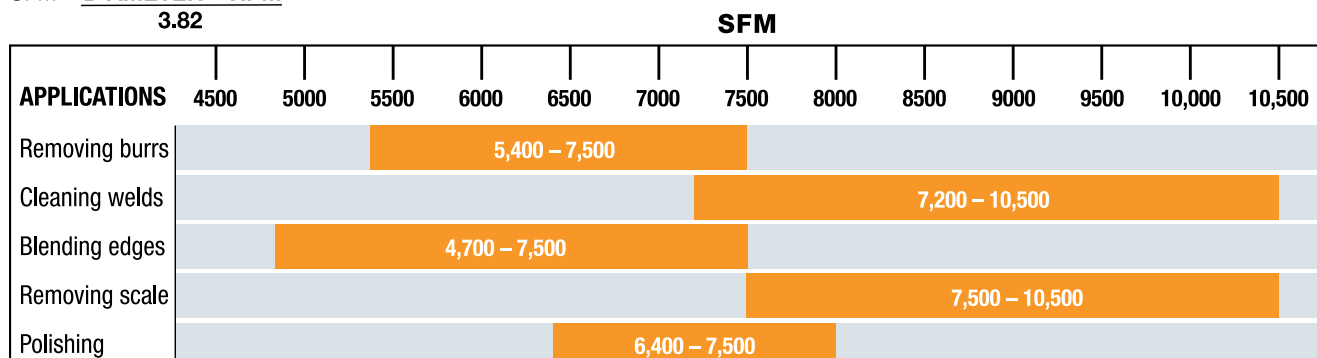
To convert brushes with 5/8"-11 arbor, please see page 241 for special threaded adaptors.



Choose the right speed for your application

TO CONVERT SURFACE FEET PER MINUTE (SFM) TO RPM:

SFM = $\frac{\text{DIAMETER} \times \text{RPM}}{3.82}$





- *Crimped wire for general surface cleaning, rust, scale and paint removal, etc.*

Spherical



- *The spherical shape allow you to clean in almost any position around the working area. Perfect for cleaning inside pipes and custom hard to reach areas.*

Straight



Conical



Wheel



Cup



MOUNTED WIRE BRUSHES

Our mounted wire brushes come in a variety of sizes and configurations to fit numerous industrial applications on die grinders, power drills or automated equipment.

For die grinders 1/4" shaft.

MOUNTED CRIMPED



Type	Dia.	Width	Order No.	Wire	Max. RPM	Std. Pkg.	Std. Ctn.
Straight	1/2"		13-C 003	.010"	25,000	1	10
Straight	1/2"		13-C 005	.020"	25,000	1	10
Straight	3/4"		13-C 008	.014"	25,000	1	10
Conical	3/4"		13-C 028	.014"	25,000	1	10
Wheel	1 3/8"	1/4"	13-C 110	.008"	25,000	1	10
Wheel	2"	5/8"	13-C 120	.0118"	25,000	1	10
Wheel	3"	1/4"	13-C 123	.0118"	25,000	1	10
Wheel	3"	3/4"	13-C 125	.0118"	25,000	1	10
Wheel	4"	1/4"	13-C 128	.0118"	15,000	1	10
Cup	1 1/2"		13-C 015	.0118"	13,000	1	10
Cup	2 3/8"		13-C 018	.0118"	13,000	1	10
Spherical	1 1/2"	1 1/2"	13-C 215	.008"	20,000	1	10
Spherical	2"	2"	13-C 225	.010"	20,000	1	10
Spherical	3"	3"	13-C 230	.0118"	15,000	1	10

MOUNTED CRIMPED



Type	Dia.	Width	Order No.	Wire	Max. RPM	Std. Pkg.	Std. Ctn.
Straight	1/2"		13-C 053	.010"	25,000	1	10
Straight	1/2"		13-C 055	.020"	25,000	1	10
Straight	3/4"		13-C 058	.014"	25,000	1	10
Conical	3/4"		13-C 078	.0118"	25,000	1	10
Wheel	1 3/8"	1/4"	13-C 160	.008"	25,000	1	10
Wheel	2"	5/8"	13-C 170	.0118"	25,000	1	10
Wheel	3"	1/4"	13-C 173	.0118"	25,000	1	10
Wheel	3"	3/4"	13-C 175	.0118"	25,000	1	10
Wheel	4"	1/4"	13-C 178	.0118"	15,000	1	10
Cup	1 1/2"		13-C 065	.0118"	13,000	1	10
Cup	2 3/8"		13-C 068	.0118"	13,000	1	10
Spherical	1 1/2"	1 1/2"	13-C 265	.008"	20,000	1	10
Spherical	2"	2"	13-C 275	.010"	20,000	1	10
Spherical	3"	3"	13-C 280	.0118"	15,000	1	10

KNOT-TWISTED

Type	Dia.	Width	Order No.	Wire size	Max. RPM	Std. Pkg.	Std. Ctn.
Straight	1 1/8"		13-C 020	.020"	25,000	1	10
Wheel	2 3/4"	3/8"	13-C 130	.020"	25000	1	10
Saucer-cup	3"	1/2"	13-C 270	.020"	25000	1	10
Cup	3"	1/2"	13-C 370	.020"	12,000	1	10

- ▷ Knot-twisted wire for heavy-duty brushing such as deburring, removing heavy rust and corrosion, etc.
- ▷ Conical brushes for cleaning fillet welds
- ▷ Wire wheel brushes are excellent for cleaning the inside diameter of pipes and tubing

KNOT-TWISTED

Type	Dia.	Width	Order No.	Wire size	Max. RPM	Std. Pkg.	Std. Ctn.
Straight	1 1/8"		13-C 070	.020"	25,000	1	10
Wheel	2 3/4"	3/8"	13-C 180	.020"	25,000	1	10

DOUBLE SIDED KNOT-TWISTED

Type	Dia.	Width	Order No.	Wire size	Max. RPM	Std. Pkg.	Std. Ctn.
Wheel	3"	3/8"	13-C 303	.0118"	25,000	1	10
Wheel	4"	3/8"	13-C 404	.0118"	20,000	1	10

Mandrels for double sided brushes, order No. 13-D 008 (for 13-C 303) and 13-D 009 (for 13-C 404).



COMBINE YOUR WIRE BRUSH WITH THE BEST POWER TOOL!

Straight



Wheel



Saucer-cup



Cup



Mandrel shown on picture sold separately.

Wheel

**LINEAR CRIMPED BRUSHES**

Our linear wire brushes can be used with the LINE-MATE III™ system for efficient cleaning over wide surface areas.

LINEAR CRIMPED BRUSHES

Dia.	Width	Arbor	Order No.	Wire size	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	2"	5/8"-11	13-M 454	.01"	4,000	1	10

LINEAR CRIMPED BRUSHES

Dia.	Width	Arbor	Order No.	Wire size	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	2"	5/8"-11	13-M 464	.01"	4,000	1	10



WIRE WHEEL BRUSHES

For bench and pedestal grinders

These brushes are made from industrial quality wire perfectly balanced for smooth operation and long life. They are most commonly used to remove paint, rust and corrosion, for light deburring and similar cleaning jobs.

CRIMPED



Dia.	Width	Arbor	Order No.	Wire size	Max. RPM	Std. Pkg.	Std. Ctn.
4"	3/4"	1/2"	13-B 040	.0118"	6,000	1	10
6"	7/8"	1 1/4"	* 13-B 060	.0118"	6,000	1	10
6"	1 1/8"	1 1/4"	* 13-B 061	.0118"	6,000	1	10
6"	3/4"	1 1/4"	* 13-B 065	.0118"	6,000	1	10
7"	7/8"	1 1/4"	* 13-B 070	.0118"	6,000	1	10
7"	3/4"	1 1/4"	* 13-B 075	.0118"	6,000	1	10
8"	1"	1 1/4"	* 13-B 080	.0118"	4,500	1	10
8"	1/2"	5/8"	** 13-B 082	.0118"	4,500	1	10
8"	3/4"	1 1/4"	* 13-B 085	.0118"	4,500	1	10
10"	1"	1 1/4"	* 13-B 100	.0118"	3,600	1	10

* All brushes with 1 1/4" arbor are equipped with a set of reducer bushings to fit the following shaft diameters: 1/2", 5/8", 3/4", 7/8" and 1".

** This brush comes with 1/2" reducer bushings.



- ▷ Crimped wire has optimal density and wire trim for the most effective brushing action and longest life
- ▷ For general surface cleaning and deburring applications

CRIMPED



Dia.	Width	Arbor	Order No.	Wire size	Max. RPM	Std. Pkg.	Std. Ctn.
6"	3/4"	1 1/4"	* 13-B 165	.0118"	6,000	1	10
6"	7/8"	1 1/4"	* 13-B 160	.0118"	6,000	1	10
8"	3/4"	1 1/4"	* 13-B 185	.0118"	4,500	1	10
8"	1"	1 1/4"	* 13-B 180	.0118"	4,500	1	10

* All brushes with 1 1/4" arbor are equipped with a set of reducer bushings to fit the following shaft diameters: 1/2", 5/8", 3/4", 7/8" and 1".

KNOT-TWISTED



Dia.	Width	Arbor	Order No.	Wire size	Max. RPM	Std. Pkg.	Std. Ctn.
6"	3/8"	5/8"	** 13-B 260	.0118"	9,000	1	10
8"	3/8"	5/8"	** 13-B 280	.0118"	8,500	1	10

** These brushes come with 1/2" reducer bushings.



- ▷ These brushes are designed to be flipped and mounted in the opposite direction
- ▷ This self-sharpens the wires, increasing the life while maintaining fast cleaning and deburring rates

Accessory

Replacement set of bushings

Complete set 13-B 015



ALLSTEEL™ WIRE BRUSHES

ALLSTEEL™ wire brushes are designed to provide exceptional value and deliver consistent and reliable surface cleaning performance on a variety of metals. Through a strict quality controlled manufacturing process, ALLSTEEL™ brushes are perfectly balanced and feature an identical wire count to ensure vibration-free brushing. Available in a variety of shapes and sizes.

- ▷ *High-quality wire*
- ▷ *Perfect balance and even wire count*
- ▷ *Stainless steel wire brushes made with grade 304 stainless wire*
- ▷ *Guaranteed not to contaminate your work piece*

WIRE CUP BRUSHES CRIMPED



Order No.	Dia.	Arbor	Wire	Max RPM	Std Pkg.	Wire Type
13-W 301	3	5/8"-11	0.0118"	12,000	1	STEEL
13-W 302	3	5/8"-11	0.0118"	12,000	1	STAINLESS
13-W 303	3	M14	0.0118"	12,000	10	STAINLESS
13-W 304	3	M14	0.0118"	12,000	10	STAINLESS
13-W 501	5	5/8"-11	0.014"	8,600	1	STEEL
13-W 503	5	M14	0.014"	8,600	10	STEEL

KNOT-TWISTED

Order No.	Dia.	Arbor	Wire	Max RPM	Std Pkg.	Wire Type
13-W 311	3	5/8"-11	0.02"	12,000	1	STEEL
13-W 312	3	5/8"-11	0.02"	12,000	1	STAINLESS
13-W 313	3	M14	0.02"	12,000	10	STEEL
13-W 314	3	M14	0.02"	12,000	10	STAINLESS

* Only on 304 stainless wire type



WIRE WHEEL BRUSHES STRINGER BEAD



Order No.	Dia.	Arbor	Wire	Max RPM	Std Pkg.	Wire Type
13-W 461	4-1/2	5/8"-11	0.02"	15,000	1	STEEL
13-W 463	4-1/2	M14	0.02"	15,000	10	STEEL
13-W 561	5	5/8"-11	0.02"	15,000	1	STEEL
13-W 561B	5	5/8"-11	0.02"	15,000	10	STEEL
13-W 563	5	M14	0.02"	15,000	10	STEEL
13-W 661	6	5/8"-11	0.02"	10,000	1	STEEL
13-W 661B	6	5/8"-11	0.02"	10,000	10	STEEL
13-W 663	6	M14	0.02"	10,000	10	STEEL
13-W 761	6-7/8	5/8"-11	0.02"	9,000	1	STEEL
13-W 763	6-7/8	M14	0.02"	9,000	10	STEEL

KNOT-TWISTED

13-W 451	4-1/2	5/8"-11	0.02"	15,000	1	STEEL
13-W 453	4-1/2	M14	0.02"	15,000	10	STEEL
13-W 551	5	5/8"-11	0.02"	15,000	1	STEEL
13-W 553	5	M14	0.02"	15,000	10	STEEL
13-W 651	6	5/8"-11	0.02"	10,000	1	STEEL
13-W 653	6	M14	0.02"	10,000	10	STEEL



Color coded hubs for easy identification

Dark Grey	Carbon Steel
White	Stainless Steel

ALLSTEEL™ WIRE BRUSHES AND MOUNTED WIRE BRUSHES

SAUCER CUP BRUSHES CRIMPED



Order No.	Dia.	Arbor	Wire	Max RPM	Std Pkg.	Wire Type
13-W 431	4	5/8"-11	0.0118"	12,500	1	STEEL
13-W 531	5	5/8"-11	0.0118"	10,000	1	STEEL

KNOT-TWISTED

13-W 441	4	5/8"-11	0.02"	20,000	1	STEEL
13-W 541	5	5/8"-11	0.02"	15,000	1	STEEL



MOUNTED WIRE BRUSHES KNOT-TWISTED



Order No.	Type	Dia.	Shank	Wire	Max RPM	Std Pkg.	Std Ctn	Wire Type
09-C 020	Straight	1-1/8"	1/4"	0.02"	20,000	1	10	STEEL
09-C 130	Wheel	2-3/4"	1/4"	0.02"	20,000	1	10	STEEL
09-C 270	Saucer-cup	3"	1/4"	0.02"	20,000	1	10	STEEL
09-C 370	Cup	3"	1/4"	0.02"	12,000	1	10	STEEL

KNOT-TWISTED



Order No.	Type	Dia.	Shank	Wire	Max RPM	Std Pkg.	Std Ctn	Wire Type
09-C 070	Straight	1-1/8"	1/4"	0.02"	20,000	1	10	STAINLESS
09-C 180	Wheel	2-3/4"	1/4"	0.02"	20,000	1	10	STAINLESS

DOUBLE SIDED KNOT-TWISTED



Order No.	Type	Dia.	Shank	Wire	Max RPM	Std Pkg.	Std Ctn	Wire Type
09-C 303	Wheel	3"	3/8"	0.02"	20,000	1	10	STEEL
09-C 404	Wheel	4"	3/8"	0.02"	20,000	1	10	STEEL

Mandrels for double sided brushes, order no. 13-D 008 (for 13-C 303) and 13-D 009 (for 13-C 404).

Color coded hubs for easy identification

Dark Grey	Carbon Steel
White	Stainless Steel



STRAIGHT



SAUCER-CUP



WHEEL

Mandrel shown on picture sold separately.



CUP

ALLSTEEL™ MOUNTED WIRE BRUSHES

MOUNTED WIRE BRUSHES MOUNTED CRIMPED



Order No.	Type	Dia.	Shank	Wire	Max RPM	Std Pkg.	Std Ctn	Wire Type
09-C 008	Straight	3/4"	1/4"	0.0118"	18,000	1	10	STEEL
09-C 028	Conical	2-3/8"	1/4"	0.0118"	18,000	1	10	STEEL
09-C 110	Wheel	1-3/8"	1/4"	0.0080"	20,000	1	10	STEEL
09-C 120	Wheel	2"	1/4"	0.0118"	20,000	1	10	STEEL
09-C 125	Wheel	3"	1/4"	0.0118"	18,000	1	10	STEEL
09-C 015	Cup	1-1/2"	1/4"	0.0118"	13,000	1	10	STEEL
09-C 018	Cup	2-3/8"	1/4"	0.0118"	13,000	1	10	STEEL
09-C 215	Spherical	1-1/2"	1/4"	0.0080"	18,000	1	10	STEEL
09-C 225	Spherical	2"	1/4"	0.0100"	15,000	1	10	STEEL
09-C 230	Spherical	3"	1/4"	0.0118"	13,000	1	10	STEEL



SPHERICAL



STRAIGHT

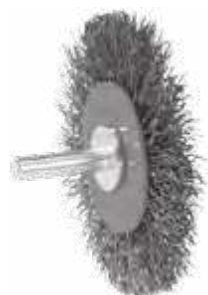
MOUNTED CRIMPED



Order No.	Type	Dia.	Shank	Wire	Max RPM	Std Pkg.	Std Ctn	Wire Type
09-C 058	Straight	3/4"	1/4"	0.0118"	25,000	1	10	STAINLESS
09-C 078	Conical	3/4"	1/4"	0.0118"	18,000	1	10	STAINLESS
09-C 160	Wheel	1-3/8"	1/4"	0.0080"	20,000	1	10	STAINLESS
09-C 170	Wheel	2"	1/4"	0.0118"	20,000	1	10	STAINLESS
09-C 175	Wheel	3"	1/4"	0.0118"	18,000	1	10	STAINLESS
09-C 065	Cup	1-1/2"	1/4"	0.0118"	13,000	1	10	STAINLESS
09-C 068	Cup	2-3/8"	1/4"	0.0118"	13,000	1	10	STAINLESS
09-C 265	Spherical	1-1/2"	1/4"	0.0080"	18,000	1	10	STAINLESS
09-C 275	Spherical	2"	1/4"	0.0100"	15,000	1	10	STAINLESS
09-C 280	Spherical	3"	1/4"	0.0118"	13,000	1	10	STAINLESS



CONICAL



WHEEL



CUP

Color-coded hubs for easy identification

	Dark Gray	Carbon Steel
	White	Stainless Steel

A welder wearing a full protective suit, including a helmet and gloves, is working on a metal structure. Sparks are flying from the welding point. The welder's gloves have the name 'HAGS' on them. The background is a bright, hazy outdoor setting.

08

PERSONAL PROTECTION EQUIPMENT

ARCONE®

ArcONE® AUTO-DARKENING PROTECTION

AUTO-DARKENING LENSES

Looking for an upgrade to your existing welding lens? We've got you covered with the ArcOne Singles Retro-fit Lens lineup.

- HD Technology
- Compatible with most 2 x 4 welding helmets
- Light shade of 2.5 provides clearer view when not in use
- Low power solar technology
- No battery changes. Ever.



PART #	DESCRIPTION AND DIMENSIONS	LIGHT SHADE	DARK SHADE	SENSITIVITY	GRIND MODE	DELAY	TIG RATING	SENSORS	VIEWING AREA (SQ. IN.)
SINGLES®		HIGH DEFINITION TECHNOLOGY							
S240-8	Singles HD 2x4" (2 x 4 1/4 x .2")	2.5	8	Fixed	N	N	50	2	5.25
S240-9	Singles HD 2x4" (2 x 4 1/4 x .2")	2.5	9	Fixed	N	N	50	2	5.25
S240-10	Singles HD 2x4" (2 x 4 1/4 x .2")	2.5	10	Fixed	N	N	50	2	5.25
S240-11	Singles HD 2x4" (2 x 4 1/4 x .2")	2.5	11	Fixed	N	N	50	2	5.25
S240-12	Singles HD 2x4" (2 x 4 1/4 x .2")	2.5	12	Fixed	N	N	50	2	5.25
S450-9	Singles HD 4x5" (4 1/2 x 5 1/4 x .2")	2.5	9	Fixed	N	N	50	2	5.25
S450-10	Singles HD 4x5" (4 1/2 x 5 1/4 x .2")	2.5	10	Fixed	N	N	50	2	5.25
S450-11	Singles HD 4x5" (4 1/2 x 5 1/4 x .2")	2.5	11	Fixed	N	N	50	2	5.25
S450-12	Singles HD 4x5" (4 1/2 x 5 1/4 x .2")	2.5	12	Fixed	N	N	50	2	5.25
S540-9	Singles HD 5x4" (5 1/4 x 4 1/2 x .2")	2.5	9	Fixed	N	N	50	2	5.25
S540-10	Singles HD 5x4" (5 1/4 x 4 1/2 x .2")	2.5	10	Fixed	N	N	50	2	5.25
S540-11	Singles HD 5x4" (5 1/4 x 4 1/2 x .2")	2.5	11	Fixed	N	N	50	2	5.25
S540-12	Singles HD 5x4" (5 1/4 x 4 1/2 x .2")	2.5	12	Fixed	N	N	50	2	5.25
SINGLES® DUO		HIGH DEFINITION TECHNOLOGY							
S240-10/11	Singles Duo HD 2x4" (2 x 4 1/4 x .25")	2.5	10 & 11	Fixed	Y	N	50	2	5.25
S240-11/12	Singles Duo HD 2x4" (2 x 4 1/4 x .25")	2.5	11 & 12	Fixed	Y	N	50	2	5.25
SUPER SINGLES®		HIGH DEFINITION TECHNOLOGY							
SS240	Super Singles HD 2x4" (2 x 4 1/4 x .25")	3	10.5	Dual	Y	Y	25	2	5.25

AUTO-DARKENING LENSES



PART #	DESCRIPTION AND DIMENSIONS	LIGHT SHADE	DARK SHADE	SENSITIVITY	GRIND MODE	DELAY	TIG RATING	SENSORS	VIEWING AREA (SQ. IN.)
PROFESSIONAL GRADE		Entry-level, for welders who occasionally grind. Best options for students! *							
1000F	Shade Master® Professional Grade True Color Technology	4	9-13	Variable	Y	Variable	25	2	6.0
4500V	Shade Master® Professional Grade True Color Technology	4	9-13	Variable	Y	Variable	25	4	7.1
DIGITAL INDUSTRIAL		Industrial grade lenses for welders who perform diverse welding work, TIG weld and require clearest vision.							
X54V	5x4" Digital ASIC (5 ¼ x 4 ½ x .244")	4	9-13	8 Settings	Y	8 Settings	5	2	7.25
X54Vi	5x4" Digital ASIC HD (5 ¼ x 4 ½ x .267")	4	5-14	8 Settings	Y	8 Settings	5	4	7.25
HD DIGITAL INDUSTRIAL		Industrial grade, for welders working on complex and varied projects. ArcOne's most premium lens.							
X81VX	Xtreme® Digital ASIC w/ X-TIG - HD 5x4" (5 ¼ x 4 ½ x .295")	3	5-14	8 Settings	Y	8 Settings	<5	5	12.6
XTREME®		Industrial grade lenses for welders who perform various welding work, TIG weld and require a larger viewing area.							
X450V	Xtreme® 4x5" Variable (4 ½ x 5 ¼ x .267")	3	9-12	Variable	Y	Variable	5	4	12.6
BFF®		Industrial grade; for welders working on complex and varied projects. This lens has the largest viewing area in its category.							
BFFVX	BFF® HD Lens with X-TIG (5 ¼ x 4 ½ x .374")	3	5-13	Variable	Y	2 delay settings: Delay 0.1 and 2 sec.	5	3	17

* The Professional Grade is a non-HD Lens.



See color in its truest form with ArcOne's HD Technology.

This innovative technology increases the range of visible light when looking through the lens, and while welding. By increasing the range of light, more natural colors can be seen, providing a clearer, more defined view of your work area.

ARCONE® AUTO-DARKENING PROTECTION**HAWK®
HELMET SERIES**

The Hawk® provides excellent head, neck and ear coverage.

- Can be retrofit with any ArcOne Singles Lens

**SATISFACTION
GUARANTEED!**

3-year warranty on all
ArcOne® Auto-Darkening lenses.

**CARRERA™
HELMET SERIES**

The Carrera™ ArcOne® helmet is ultra-light, and has a sleek, modern wider fit design.

- Built with many features from the premium welding hoods

PART #	H-0300	S240-10-0300	S240-10/11-0300	S240-11/12-0300	SS240-0300	1000F-0100	4500V-0100
Consumer target	Passive lens for the occasional welder, DIY	Entry level for the occasional welder, students, DIY				Entry level for the occasional welder, students, DIY	
Viewing Area	8.5 sq. in	5.25 sq. in	5.25 sq. in	5.25 sq. in	5.25 sq. in	6 sq. in	7.1 sq. in
HD Technology		HD	HD	HD	HD		
Light Shade		2.5	2.5	2.5	2.5	4	4
Dark Shade	10	10	10-11	11-12	10	9-13	9-13
Variable Sensitivity					✓	✓	✓
Variable Delay					✓	✓	✓
X-TIG®							
Cut & Grind Mode			✓	✓	✓	✓	✓
TIG Rating		50 amps	50 amps	50 amps	25 amps	25 amps	25 amps
Arc Sensors	n/a	2	2	2	2	2	4
Digital							
Solar powered		✓	✓	✓	✓	✓	✓

Viewing Area: The total area through which the user can see. Larger viewing areas tend to be preferable for welding in different positions or all-day use because they increase peripheral vision.

HD Technology: This innovative technology increases the range of visible light seen through the lens providing a clearer, more defined view of the work area.

Light State: The shade when the welding filter is not welding. The lighter the light state, the better the welder can see his/her work area.

Dark State: The range of shades that determine how dark the filter will get when the arc is struck. Required darkness depends on the welding application.

Variable Sensitivity: Welding lens feature that allows the user to set the sensitivity of the sensors. High sensitivity is required for low light or low amperage applications; Low Sensitivity is ideal for intense light or high amperage applications.

Variable Delay: Lens feature that allows the welder to set the number of seconds it takes the lens to switch back to its light shade after the weld is complete.

VISION® HELMET SERIES

The Vision® helmet is light, slim and will fit into tight areas, all while offering optimal face, ear and neck coverage.

- Best in class optical clarity and sensitivity
- Patented cover plate quick change system
- Dust and water resistance
- Meet ANSI and CSA standards



08

PERSONAL PROTECTION EQUIPMENT

V-1500	1000F-1500	4500V-1500	X54V-1500	X54VI-1500	X81VX-1500	BFFVX-1500
Passive lens for the occasional welder, DIY	Entry level for the occasional welder, students, DIY		Professional for the everyday welder		Industrial for the everyday welder working on different types of complex projects	
25.5 sq. in	6 sq. in.	7.1 sq. in.	7.25 sq. in.	7.25 sq. in.	12.6 sq. in	17 sq. in
			HD	HD	HD	HD
	4	4	4	4	3	3
10	9-13	9-13	9-13	5-14	5-14	5-13
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	
					✓	✓
	✓	✓	✓	✓	✓	✓
	25 amps	25 amps	5 amps	5 amps	< 5 amps	5 amps
n/a	2	4	2	4	5	3
			✓	✓	✓	
	✓	✓	✓	✓	✓	Solar/USB rechargeable battery

X TIG®: A mode designed for welding in an environment with obstructed views. Sensors are triggered by the electromagnetic field created when welding.

Cut & Grind Mode: Ideal if you frequently switch between welding, cutting or grinding.

Tig Rating: The minimum light or amperage for which the auto-darkening lens will activate.

Arc Sensors: An increased number of arc sensors makes the lens more sensitive and provides better lens response.

Digital: Whether or not the auto-darkening lens has a digital display.

Solar Powered: Whether or not the lens has a solar battery. ArcOne's Vision BFFVX hood can last up to 6 months on a single charge.

ARCONE® AUTO-DARKENING PROTECTION

AVAILABLE DECAL OPTIONS

FOR THE
VISION® HELMET



BLACK (SKU# 1500)



SPEEDWAY (SKU# 1523)



TANK (SKU# 1555)



EL DIABLO (SKU# 1579)

FOR THE
CARRERA™ HELMET



BLACK (SKU# 0100)



CARBON FIBER
(SKU# 0110)



BLUE DOOM
(SKU# 0141)



TOP GUN
(SKU# 0166)



FIGHTING TIGER
(SKU# 0171)

AIRPLUS® POWERED AIR PURIFYING RESPIRATORY (PAPR)

The AirPlus® Powered Air System is the third generation development from the ArcOne® PAPR program.

ArcOne's AirPlus® air purifying respirator system is a motorized, battery operated system that blows a constant supply of fresh, filtered air over the face. It creates a positive pressure inside the respirator head top, keeping out harmful welding fumes and particulates.

BASIC SYSTEM SPECIFICATIONS

BLOWER UNIT

Type	Flow Control
Motor speed	6,000-10,000 RPM
Air supply (min/max)	170 LPM/260 LPM (6/9.5 CFM)*
Case	Impact-Proof ABS
Filter cartridge	Single plug-in
Filter	HEPA
Expandable breathing tube	31.5 in to 63 in
Pre-filter	Yes
Spark arrestor	Yes

BATTERY

Type	Lithium Ion
Voltage	7.4 V
Operating time	14 hours at minimum fan speed
Charging time	6 hours
Charging cycles	500

CHARGER

Type	DC rectifier
Voltage	120 V / 60 Hz
Output current	8.4 V, 1500 mA
Approvals	CE and UL

*Performance dependent on filter life/cleanliness



- 8-setting airflow control, minimum flow at 170 LPM
- Constant airflow correction technology
- Visual and audible alarms for low battery voltage
- 14-hour battery operating time at minimum fan speed
- Audible and vibration alarms for low flow and missing filter
- Flexible, quick disconnect breathing tube
- Lightweight unit
- Ergonomic belt
- Pre-filter
- Spark arrestor
- NIOSH Approvals TC-21C-0947 and TC-21C-1095

1-year warranty for the blower unit

AIRPLUS® SYSTEM PARTS AND ACCESSORIES

AIRPLUS® SYSTEMS

PART #	DESCRIPTION
AP-1	AirPlus® Powered Air Purifying System includes Battery, Battery Charger, Waist Belt, Flexible Breathing Tube and Flame Retardant cover, Air Flow Indicator, Powered Respirator with HEPA filter, Spark Arrestor (2) and Pre-Filter (2).

AIRPLUS® PARTS AND ACCESSORIES

PART #	DESCRIPTION
AP-BAT-03	AirPlus® battery
AP-BLW-02	AirPlus® blower unit (includes one P3 Filter)
AP-CHG-03	AirPlus® battery charger
AP-FIL-03-4	AirPlus® HEPA filter (4-Pack)
AP-FIL-03-12	AirPlus® HEPA filter (12-Pack)
AP-FIL-04-10	AirPlus® pre-filter (10 pack)
AP-WBT-01	AirPlus® waist belt (34.5")
AP-WBT-02	AirPlus® Heavy-duty waist belt (52.9")
AP-WBT-EXT	AirPlus® waist belt extension (10")
AP-AFI-01	AirPlus® Air flow indicator
AP-SA-01-2	AirPlus® spark arrestor (2-pack)
CA-CAC-02	Duffle bag



THERE ARE FOUR HEAD TOP OPTIONS THAT PAIR
WITH YOUR AIRPLUS® PAPR SYSTEM



AirShield®



Airshield® flip-front
welding helmet 4500V



Vision® helmet
with X81VX



Vision® helmet with
BFFVX lens

AIRPLUS® SYSTEM PARTS AND ACCESSORIES

WELD TO THE FULLEST

Every welder is different. That's why the ArcOne® AirPlus® is available with different head top options to choose from.



PAIR YOUR ARCONE® AIRPLUS® BLOWER SYSTEM WITH ONE OF ARCONE'S HEAD TOP OPTIONS

	AIRSHIELD®	AIRSHIELD® FLIP FRONT	VISION® with X81VX	VISION® with BFFVX
	For grinding applications	For welding and grinding	For mostly welding applications	For mostly welding applications
				
Part Number	AP-AR-SH	AP-4500V-AIR	AP-X81VX-1500	AP-BFFVX-1500
Viewing Area (square inches)	41.2	7.1	12.6	17.05
HD Technology	N/A		✓	✓
Light Shade	N/A	4	3	3
Dark Shade	N/A	9-13	5-14	5-13
Variable Sensitivity	N/A	✓	✓	✓
Variable Delay	N/A	✓	✓	
X-Tig Mode	N/A		✓	✓
Cut & Grind Mode	N/A	✓	✓	✓
TIG Rating	N/A	25	<5	5
Arc Sensors	N/A	4	5	3
Digital	N/A		✓	
Solar power	N/A	✓	✓	✓ (also comes with USB charger)
PAPR Kit Part Number	AP1K-AIRSH	AP1K-A-4500V	AP1K-V-X81VX	AP1K-V-BFFVX

PART #	DESCRIPTION
AP-AIRDUCT-01	AirPlus® Airduct - includes headgear
AP-SWB-01	AirPlus® sweatband (2-Pack)
AP-HG-K	AirPlus® headgear kit (Knobs, screws, pivot stop)
AP-BTC-03	AirPlus® breathing tube FR Cover
AP-BT3-FR	AirPlus® breathing tube FR Cover
O2-OP	Outside cover plate
AP-HFS-01	AirPlus® face seal for Vision model with screws
AP-HFS-02	Face seal for AirShield®
AP-HFS-03	AirPlus® Quick Change face seal for Vision
AIR-CL	AirShield® clear replacement visors (2-Pack)



AIRPLUS® KITS

ArcOne® is now offering four kit options for the AirPlus® Powered Air Purifying Respirator (PAPR) System at a greatly discounted price.



PART #: AP1K-V-BFFVX



PART #: AP1K-V-X81VX



PART #: AP1K-AIRSH



PART #: AP1K-4500V

AirPlus® with Vision® BFFVX Powered***Air Purifying System kit includes:***

- Black Respiratory Vision® Auto-Darkening Welding Helmet with BFF® Lens, AirPlus® battery, battery charger, waist belt, flexible breathing tube with FR cover, airflow indicator, powered respirator with HEPA Filter, Pre-Filter, Spark Arrestor and duffle bag.

BFFVX Lens specifications:

- 17 Square inch viewing area
- Light state: 3 - Dark state: 5-13
- Grind mode
- 2 optical sensors, 1 magnetic sensor

AirPlus® with Vision® X81VX Powered***Air Purifying System kit includes:***

- Black Respiratory Vision® Auto-Darkening Welding Helmet with X81VX Lens, AirPlus® battery, battery charger, waist belt, flexible breathing tube with FR cover, airflow indicator, powered respirator with HEPA Filter, Pre-Filter, Spark Arrestor and duffle bag.

X81VX Lens specifications:

- 12.6 Square inch viewing area
- Light state: 3 - Dark state: 5-14
- Grind mode
- 4 optical sensors

AirShield® with AirPlus® Powered***Air Purifying System kit includes:***

- Respiratory AirShield® grinding visor, AirPlus® battery, battery charger, waist belt, flexible breathing tube with FR cover, airflow indicator, powered respirator with HEPA Filter, Pre-Filter, Spark Arrestor and duffle bag.

AirShield® Flip front with AirPlus® Powered***Air Purifying System kit includes:***

- Black Respiratory Vision® Auto-Darkening welding helmet with X81VX Lens, AirPlus® battery, battery charger, waist belt, flexible breathing tube with FR cover, airflow indicator, powered respirator with HEPA Filter, Pre-Filter, Spark Arrestor and duffle bag.

4500V Lens specifications:

- 7.1 Square inch viewing area
- Light state: 4 - Dark state: 9-13
- 4 optical sensors

THE AIRPLUS® SYSTEM



Number	Description	Part Number
1	Face Seal	AIRSHIELD/AIRSHIELD FLIP FRONT: AP-HFS-02 VISION QUICK FACE SEAL: AP-HFS-03 VISION FACE SEAL: AP-HFS-01
2	Airduct assembly with headgear	AP-AIRDUCT-01
3	Breathing tube & fire retardant cover Fire retardant cover replacement (cover only)	AP-BTC-03 AP-BT3-FR
4	Flame retardant waistbelt	AP-WBT-01
5	Battery charger with universal plugs	AP-CHG-03
6	Heavy-duty Lithium Ion 6-cell battery	AP-BAT-03
7	Airplus blower unit	AP-BLW-02
8	HEPA filter (Pack of 4 or 12)	AP-FIL-03-4 (Pack of 4) AP-FIL-03-12 (Pack of 12)
9	Pre-filter (10 pack)	AP-FIL-04-10
10	Spark arrestor (2 pack)	AP-SA-01-2
11	Air flow indicator	AP-AFI-01

ArcOne® AUTO-DARKENING PROTECTION**ACCESSORIES**

ArcOne's specially designed cover plates are lightweight and come in standard sizes.

Can also be used with other manufacturer's helmets.

**INSIDE AND OUTSIDE COVER PLATES
FOR RETRO-FIT LENSES**

PART #	COMPATIBLE LENS
02-OP FOR INSIDE AND OUTSIDE	S450, S540, X450V
02-OP FOR OUTSIDE	X54V, X54Vi
03-OP FOR INSIDE AND OUTSIDE	S240, S240-10/11, S240-11/12, SS240
08-IP FOR INSIDE	X54V, X54Vi

**02-OP****INSIDE COVER PLATE SHADE UPGRADES**

PART #	DESCRIPTION
03IP-1	Passive Shade 1 Upgrade for 2 x 4" helmets
03IP-2	Passive Shade 2 Upgrade for 2 x 4" helmets
02IP-1	Passive Shade 1 Upgrade for 4 x 5" and 5 x 4" helmets
02IP-2	Passive Shade 2 Upgrade for 4 x 5" and 5 x 4" helmets
04IP-1	Passive Shade 1 Upgrade for Carrera™ ArcOne® 90 x 110 mm helmets (04-OP-1)
04IP-2	Passive Shade 2 Upgrade for Carrera™ ArcOne® 90 x 110 mm helmets (04-OP-2)

**03-HGSB AND 06-HGSB-2**

ArcOne® has the highest quality and the longest lasting headgear on the market.

ArcOne® sweatbands meet your budget without compromising comfort.

HEADGEAR AND SWEATBANDS

PART #	DESCRIPTION
03-HGSB	FatBoy® Ultra-absorbent sweatband
04-HG	Economical ratchet headgear with cloth sweatband
04-HGSB-5	Lightweight felt sweatbands (5-Pack)
06-HG	ComfaGear® ratchet headgear with deluxe sweatband
06-HGSB-2	Deluxe sweatbands (2-Pack)
07-HGSB	Single rear felt sweatband
15-HG	ComfaGear® ratchet headgear with deluxe sweatband and large knobs
16-HG	Vision head gear ratchet with added gel pad for added comfort
16-HGSB	Replacement gel pad for 16-HG

**16-HG**

NEW! Vision helmet improved headgear! Increased comfort for the welder.

ArcOne's new and improved headgear includes a comfort gel pad specially designed for all-day wear.

ACCESSORIES

ArcOne® produces two types of magnifier lenses, also known as diopters or cheaters.

The Standard Magnifying Lens is perfect for helmets like the Vision® that have a built-in mag lens holder. The Universal Magnifying Lens replaces your 2 x 4" rear cover plate, ideal with our Carrera™ ArcOne® welding helmet, or with the mounts for any manufacturer's 5 x 4" or 4 x 5" welding helmets.

STANDARD MAGNIFYING LENS

(Mag lens holder required)

PART #	DESCRIPTION
VML-100	1.00 Strength
VML-150	1.50 Strength
VML-200	2.00 Strength
VML-250	2.50 Strength

UNIVERSAL MAGNIFYING LENS

(Fits all manufacturer's mount helmets, kit is included)

PART #	DESCRIPTION
UML-100	1.00 Strength
UML-150	1.50 Strength
UML-200	2.00 Strength
UML-250	2.50 Strength
UML-300	3.00 Strength



UML-300



BFFVX-1500



XB1VX-1500



X54V-1500



X54VI-1500

INSIDE COVER PLATES FOR VISION® HELMETS

BFFVX	X81VX	X54V	X54VI
02-OP	04-OP	08-IP (Optional Anti-Fog 02-IP-AF)	08-IP (Optional Anti-Fog 02-IP-AF)

REPLACEMENT ACCESSORIES FOR VISION® HELMETS

OUTSIDE COVER PLATE	SWEATBANDS	REPLACEMENT HEADGEAR
02-OP	06-HGSB-2 (Front) 07-HGSB (Rear)	16-HG for X54V, X54Vi, BFFVX, X81VX

BROWGUARDS & VISORS

- All models provide full face and eye protection against sparks, spatter, small particles, and non-hazardous liquids.
- Made for most work applications including grinding, cutting, brazing and machining.
- Browguards offer a sleek, wrap around design that can be worn comfortably with impact resistant safety glasses.
- Meet ANSI Z87.1 standards.



BG-FL



BG-1



BG2-2CL



BG4-K



BG-FF-8

	CUTTING & GRINDING					BRAZING AND PLASMA CUTTING	
PART #	BG-FL	BG1*	BG1-2CL*	BG2-2CL	BG4-K	BG-FF-5	BG-FF-8
Consumer Target	Entry level, basic protection	Professional and industrial cutting & grinding		Industrial cutting & grinding, best face protection. Includes a chin guard (for BG4-K only).		Cutting & brazing	Plasma cutting
Dimensions	8 x 15 ½ x 0.04 in	16 x 8 x 0.06 in	16 x 9 x 0.06 in	16 x 9 x 0.06 in	16 x 9 x 0.06 in	16 x 9 x 0.06 in	16 x 9 x 0.06 in
Material	P.E.T.G.	Injection moulded Polycarbonate				Injection moulded Polycarbonate	
Crown Size	3 in	3 in	3 in	4 in	3 in	4 in	4 in
Headgear Material	HDPE	Nylon	Nylon	Nylon	Nylon	Nylon	Nylon
Ratchet Suspension	✓	✓	✓	✓	✓	✓	✓

* CSA approved.

DIMENSIONS

Larger visor dimensions provide more protection for ears, face and neck.

MATERIALS

Visor material; visors made from Injection moulded polycarbonate provide, better protection, longer life and are more resistant to scratching.

CROWN SIZE

Larger crown sizes provide more head protection.

HEADGEAR MATERIAL

Nylon provides longer life than HDPE.

BROWGUARDS & VISORS

AIRSHIELD®

PART #	DESCRIPTION
AIR-SH	AirShield® High-Impact Grinding Visor (7" x 5.4" x .040")
AIR-HEL	AirShield® Replacement Shell
AIR-CL	AirShield® Visor (8.75" x 5.5" x .040") (2-Pack)
AIR-WHA-04	Adapter to attach ArcOne® welding helmet to AirShield® using 04-HG
AIR-WHA-10	Adapter to attach ArcOne® welding helmet to AirShield® using 15-HG
SUHHA-03	Hard Hat Adapter, Slotted for V-Crown Hard Hats



AIR-SH
AirShield®

VISORS

ArcOne® visors provide the protection you need.

Visors are molded from strong polycarbonate (injection molded), not thin materials or materials that yellow over time. Visors are available in two different styles, a more traditional look (168CL-PC) or a more stylish look (2CL-PC). Visors come in clear, dark green, IR3 and IR5 shades.

The 168 and 02 visors are CSA approved when used in combination with our BG1 Browguard. ArcOne® cost-performance durable visors fit most manufacturer browguards.

	PART #	SIZE	DESCRIPTION
Modern Design Polycarbonate Injection Molded	2CL-PC	16" x 9" x .060"	Clear (each)
	2CL-PC-50	16" x 9" x .060"	Clear, 50-Pack
	2DGN-PC	16" x 9" x .060"	Dark Green (each)
	2DGN-PC-50	16" x 9" x .060"	Dark Green, 50-Pack
Traditional Design Polycarbonate Injection Molded	168CL-PC	16" x 8" x .060"	Clear (each)
	168CL-PC-50	16" x 8" x .060"	Clear, 50-Pack
	168DG-PC	16" x 8" x .060"	Dark Green (each)
	168DG-PC-50	16" x 8" x .060"	Dark Green, 50-Pack
	168IR3-PC	16" x 8" x .060"	IR3 (each)
	168IR3-PC-50	16" x 8" x .060"	IR3, 50-Pack
	168IR5-PC	16" x 8" x .060"	IR5 (each)
	168IR5-PC-50	16" x 8" x .060"	IR5, 50-Pack
PETG - Flat Stock	1910CL-PE-10	19" x 9.75" x .040"	Clear visor, 10-pack
	1910DG-PE-10	19" x 9.75" x .040"	Dark Green visor, 10-pack
	1910IR5-PE-10	19" x 9.75" x .040"	IR5 visor, 10-pack
PETG	FLV-0815040-10	8" x 15.5" x .040"	Clear FL visor, 10-Pack
	FLV-0815040-100	8" x 15.5" x .040"	Clear FL visor, 100-Box
	FVL-0815060-10	8" x 15.5" x .060"	Clear FL visor, 10-Pack
	FLV-0815060-100	8" x 15.5" x .060"	Clear FL visor, 100-Box
Chin Guard	FS-CH	N/A	Clear Polycarbonate chin guard for 2CL Visor



2CL-PC
Clear Visor



168IR5-PC
IR5 Visor



1910DG-PE
Dark Green PETG



FVL-0815060-10
Clear FL Visor

HARD HATS

Our slotted hard hat is made from polyethylene and is offered with ratchet headgear.

HARD HATS

SMOOTH DOME

Sleek and modern style is ideal for welding applications and attachments. Rain trough and slotted design high density polyethylene shell to accommodate all the latest accessories such as hearing protection, face shields, forestry kits or welding protection. Ratchet adjustment to properly fit all head sizes large or small. Attachment points for chin straps.

HH-T1 CSA Type 1 Class E and ANSI Type I Class E.



PART #	COLOR
HH-T1-OR - Safety hard hat Type 1	Orange
HH-T1-WR - Safety hard hat Type 1	White
HH-T1-YR - Safety hard hat Type 1	Yellow

V-CROWN

Hard hat with HDPE shell with rain trough, foam liner, 4-point nylon suspension, ratchet adjustment and 4 anchor points for chin strap. Foam liner to offer added lateral front, side and back protection.

HH-T2 CSA Type 2 Class E and ANSI Type II Class E.



PART #	COLOR
HH-T2-OR - Safety hard hat Type 2	Orange
HH-T2-WR - Safety hard hat Type 2	White
HH-T2-YR - Safety hard hat Type 2	Yellow

White V-Crown Hard Hat w/ Vision® helmet and SUHHA-02 adapter

AVAILABLE V-CROWN COMBINATIONS:

- Welding Helmet
- Visor with FSHHA-01 Adapter



HARD HAT ADAPTERS

PART #	DESCRIPTION
SUHHA-02	Hard hat adapter for welding helmet ArcOne, MSA, North, Honeywell, Dynamic, and more
SUHHA-03	Hard hat adapter for welding helmet - Slotted for ArcOne HH-VC serie only
UHHA-01	Universal hard hat adapter (for non-slotted hard hats)
FSHHA-01	Universal hard hat adapter for visor
FSHHA-02	Hard hat slotted adapter for visor
FSHHA-03	Fibre-metal hard hat adapter for welding helmet



FSHHA-01
(168 Visor & HH not included)



SUHHA-02



SUHHA-03



FSHHA-01



UHHA-01



FSHHA-03



FSHHA-02

SAFETY GLASSES

ArcOne® safety glasses provide protection and comfort with eye-catching designs.

Each style is lightweight and durable. Some styles come with IR3 and IR5 lenses for cutting and brazing. Meets ANSI Z87 or Z87+ safety standards and CSA Z94.3.

LENS SELECTION GUIDE		LIGHT TRANSMISSION PERCENTAGE
	CLEAR Allows maximum light transmission. Suitable for indoor or low light conditions.	91%
	INDOOR/OUTDOOR Offers protection from bright indoor lighting or some sunlight.	50%
	SMOKE Typical sunglass tint for outdoor use. Excellent all-around outdoor use.	15%
	AMBER Enhance light situations. Perfect for low lighting conditions both inside and outside.	80%
	MOCHA Excellent filter for blue light and outside sunlight conditions.	22%
	CHOCOLATE Excellent filter for blue light and outside sunlight conditions.	22%
	SILVER MIRROR An additional filter reducing outdoor glare. Ideal for sunlight conditions.	16%
	COLORED MIRROR Mirror surface over a smoke lens diminishes glare and absorbs outdoor conditions. Ideal for sunlight.	16%
	IR LENSES Use when infrared protection is required. Consult safety director for shade 3 or 5 operation.	

SE-1000 SERIES

The SE-1000 Series proves that quality and performance can come in an economical package. Offers full eye protection with a substantial amount of material than the eco-specs used by many companies. Available in multiple lens/finish configurations.

Blocks up to 99.9% UV. Meets Z87.1 and CSA Z94.3.



PART #	FRAME COLOR	LENS TYPE	FINISH	COATING	ANTI-SCRATCH
SE-1000	Clear	 Clear	 None	Hard coated	✓
SE-1001	Gray	 Smoke	 Gray Mirror	Hard coated	✓
SE-1002	Tan	 Indoor/Outdoor	 I/O Mirror	Hard coated	✓
SE-1003	Blue	 Smoke	 Blue Mirror	Hard coated	✓
SE-1004	Purple/Blue	 Smoke	 Purple/Blue	Hard coated	✓
SE-1005	Amber	 Amber	 None	Hard coated	✓
SE-1006	Smoke	 Smoke	 None	Hard coated	✓
SE-1007	Clear	 Mocha	 None	Hard coated	✓

SAFETY GLASSES

DO NOT WEAR IR3 AND IR5 WHILE DRIVING

SE-2000 SERIES

The SE-2000 Series is a notch above the 1000 Series in style, as it creates an elegance not common for a standard price-performance product. Comes with rubber tips for added comfort and multiple lens/finish combinations including IR5 for cutting and brazing operations.

Blocks up to 99.9% UV. Meets Z87.1 & CSA Z94.3.



PART #	FRAME COLOR	LENS TYPE	FINISH	COATING	ANTI-SCRATCH	MAGNIFICATION
SE-2000	Clear	Clear	None	Uncoated		N/A
SE-2001	Gray	Smoke	Silver Mirror	Hard coated	✓	N/A
SE-2002	Tan	Indoor/Outdoor	I/O Mirror	Hard coated	✓	N/A
SE-2003	Blue	Smoke	Blue Mirror	Hard coated	✓	N/A
SE-2004	Purple/Green	Smoke	Purple/Green	Hard coated	✓	N/A
SE-2005	Amber	Amber	None	Hard coated	✓	N/A
SE-2006	Smoke	Smoke	None	Hard coated	✓	N/A
SE-2007	Mocha	Mocha	Brown Mirror	Hard coated	✓	N/A
SE-2008	Smoke	IR5	None	Hard coated	✓	N/A
SE-2100	Clear	1.0 Diopter Bifocal	None	Hard coated	✓	1.0
SE-2150	Clear	1.5 Diopter Bifocal	None	Hard coated	✓	1.5
SE-2200	Clear	2.0 Diopter Bifocal	None	Hard coated	✓	2.0
SE-2250	Clear	2.5 Diopter Bifocal	None	Hard coated	✓	2.5
SE-2300	Clear	3.0 Diopter Bifocal	None	Hard coated	✓	3.0

SE-7000 SERIES

The 7000 Series looks like other brands that cost more than double. You will want to wear these as your every day sunglasses; they are very stylish and provide full eye coverage. The 7000 Series come in multiple lens/finish combinations including IR3 and IR5, as well as silver, blue, and red mirrors.

Blocks up to 99.9% UV. Meets Z87.1 & CSA Z94.3.



PART #	FRAME COLOR	LENS TYPE	FINISH	COATING	ANTI-SCRATCH
SE-7000	Black Gloss	Clear	Anti-fog	Hard coated	✓
SE-7001	Black Gloss	Smoke	Silver Mirror	Hard coated	✓
SE-7002	Black Gloss	Indoor/Outdoor	I/O Mirror	Hard coated	✓
SE-7003	Black Gloss	Chocolate	Blue Revo Mirror	Hard coated	✓
SE-7004	Black Gloss	Mocha	Red Revo Mirror	Hard coated	✓
SE-7008	Black Gloss	IR5	None	Hard coated	✓
SE-7009	Black Gloss	IR3	None	Hard coated	✓

SAFETY GOGGLES

ArcOne® safety goggles have been designed with you in mind.

ArcOne® offers fashionable goggle choices, available in a variety of styles, colors and lens options. Each goggle also comes with a pouch that doubles as a lens cleaner.

Meets ANSI Z87 safety standards.

ACTION

The Action goggle can be used to protect your eyes in an industrial situation. The adjustable strap and interior pads provide all day comfort while at the same time increasing sealing around the eyes.

PART #	FRAME COLOR	LENS TYPE	FINISH	COATING
G-ACT-A1101	Flat Black	Clear	Silver Mirror	Hard coated
G-ACT-B1204	Black Gloss	Smoke	Blue/Purple Revo	Hard coated



CORONADO

The Coronado gives the look of fashion eyewear with the protection of goggles. A clean, low cut padding around the eyes increases protection as well as comfort. Removable temples give way to a strap should you desire a tighter fit. Looking great never protected so well.

PART #	FRAME COLOR	LENS TYPE	FINISH	COATING
G-COR-A1301	Flat Black	IR3	Mirror finish	Hard coated



THE FLY

The Fly is easily recognizable by the large round viewing area. It is worn by safety conscience individuals as well as those looking to be noticed. Whether you are outdoors or working in a dangerous environment where you need full coverage, the Fly is your perfect choice.

PART #	FRAME COLOR	LENS TYPE	FINISH	COATING
G-FLY-A1101	Flat Black	Clear	Silver Mirror	Hard coated
G-FLY-B1202	Black Gloss	Smoke	Yellow/Orange Mirror	Hard coated
G-FLY-A1301	Flat Black	IR3	None	Hard coated



SAFETY GOGGLES AND ACCESSORIES

HOLLYWOOD

Hollywood goggles provide a hip style without compromising comfort. Thick foam completely surrounds the eyes ensuring no penetration. Removable temples give way to a strap should you desire a tighter fit. Diopter inserts available from 1.0 to 3.0 in half-shade increments.

PART #	FRAME COLOR	LENS TYPE	FINISH	COATING
G-HOL-B1205	Black Gloss	Smoke	Blue/Green Mirror	Hard coated
G-HOL-A1501	Flat Black	IR5	Mirror Finish	Hard coated



HOLLYWOOD DIOPTERS

PART #	DIOPTER
D-HOL-1.0	+1.00 Magnification
D-HOL-1.5	+1.50 Magnification
D-HOL-2.0	+2.00 Magnification
D-HOL-2.5	+2.50 Magnification
D-HOL-3.0	+3.00 Magnification



G-CLIP

The G-Clip is another eyewear option providing IR protection and comfort for cutting and brazing. The G-Clip can be used to protect against the sun's infrared. To use, clip these removable lenses onto regular eye glasses.

PART #	LENS TYPE	FINISH	COATING	ANTI-SCRATCH
G-CLIP-05	IR5	None	Hard coated	✓



WELDING ACCESSORIES



PART #	DESCRIPTION
CG-01	Leather chin guard, flexible, protects chin and neck. One size fits all ArcOne® Helmets & most other Welding Helmets.
BAG-CANVAS-01	Canvas tool bag
CA-CAC-02	Polyester/Canvas duffle bag
BAG-HELMET-01	Nylon drawstring bag



BAG-CANVAS-01



CG-01
Helmet sold separately



BAG-HELMET-01



CA-CAC-02

THE LARGEST
VIEWING AREA IN
ITS CATEGORY

VISION
BFFVX



FEATURES



Dust and
water
resistant



Best-in-class
optical clarity
and sensitivity



Patented
cover plate
quick-change
system



Wide dark
shade range



Low-power
consumption
(No battery
changes. Ever.)



Slim,
lightweight
design



X-TIG
technology:
ideal for low
amp TIG welding



Grind mode



Solar primary
power



USB rechargeable
cable (included)



New ratchet headgear
with integrated
gel pad for added
comfort

09

POWER
TOOLS



POWER TOOLS

Features

Power, safety and improved productivity

Our line of angle grinders is designed to excel in all applications, whether it be in grinding, cutting, sanding, or cleaning. Each of our grinders is compact and packs a punch, providing you with the highest removal rate in the industry when paired with Walter abrasives. These industrial tools are designed with safety in mind and are built to last.

We also have classified our grinders to help you select the very best tool for your specific needs. Is improving safety the key decision factor? Perhaps maximum productivity is really what matters. Rest assured that whichever grinder you select, it will deliver the strongest, most efficient output available, reducing your overall costs.



Video available at The Walter Network
www.youtube.com/user/TheWalterNetwork



	Anti-vibration side handle	Tool-free guard	Quick-R™ release	Safety clutch	Paddle switch (non-locking)	Soft Start™	Safety restart	DYNAMAX™ electronics	Powerguard™	Stabilizer	Variable Dialspeed™	Mechanical brake system
MINI GRINDER	×	×	×	×								
MINI PS	×	×	×	×	×							
MINI PLUS	×	×	×	×		×	×	×	×	×	×	
SUPER 5	×	×	×	×								
SUPER 5 PS	×	×	×	×	×	×	×	×	×			×
PRO 5	×	×	×	×		×	×	×	×	×		
BIG 6	×	×	×	×		×	×	×	×	×		
BIG 6 PS	×	×	×	×	×	×	×	×	×	×		×
IRONMAN	×	×	×	×		×	×	×		×		
IRONMAN PS	×	×	×	×	×	×	×	×		×		×
MAXI	×	×			×**							
QUICK-STEP FINISHER	×	×	×	×		×	×	×	×		×	
QUICK-STEP BIG-BUFF III						×	×	×	×		×	
ULTI-MATE	×	×		×		×	×	×	×		×	
RAIL-MATE						×	×	×	×		×	
QUICK-STEP LINE-MATE III						×	×	×	×		×	
DIALSPEED 6141						×	×	×	×		×	
DIALSPEED 6145												
STRAIGHT-MATE						×		×			×	

*Non-locking paddle switch on models 6352 and 6362 only. **Non-locking switch available upon request on MAXI™ models.

Total performance

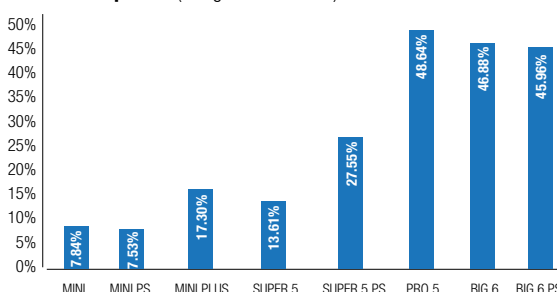
When you combine the most powerful grinders with premium Walter abrasives, you get the best overall performance in the industry. Whether you need to cut, grind or finish surfaces, our line of angle grinders gets the job done faster and easier while extending the life of your abrasives. Walter's next generation grinders are setting new standards in the metalworking industry.

New angle grinders vs. the previous generation (both using HP XX grinding wheels)

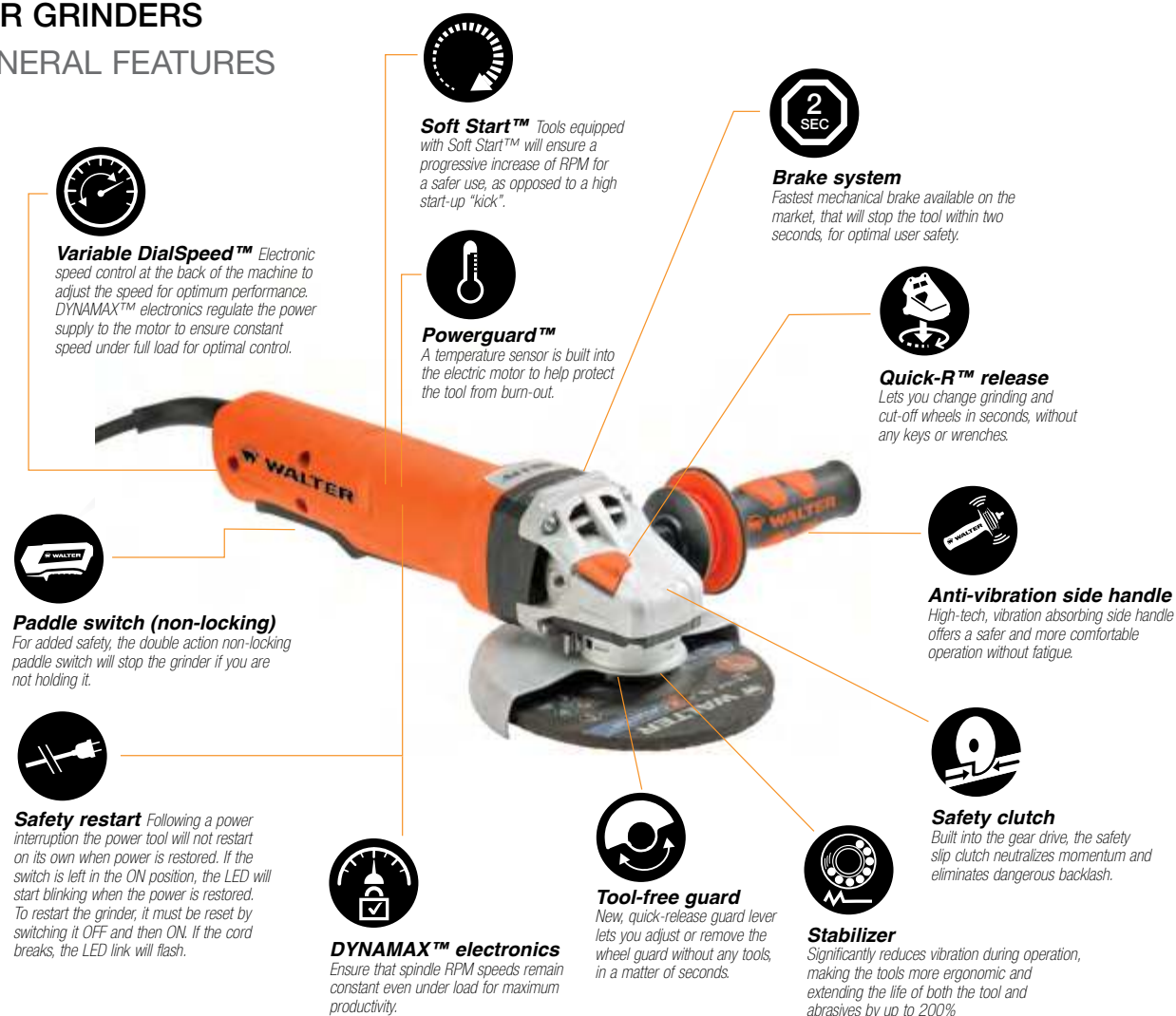
Model	Total removal (g)			Removal rate (g/min.)		
		New	%		New	%
MINI	1020	1111	8.92%	20.40	22	7.84%
MINI PS	1023	1111	8.60%	20.46	22	7.53%
MINI PLUS	1023	1230	20.23%	20.46	24	17.30%
SUPER 5	1176	1200	2.04%	29.40	33.4	13.61%
SUPER 5 PS	1176	2100	78.57%	29.40	37.5	27.55%
PRO 5	1176	2300	95.58%	29.40	43.7	48.64%
BIG 6	2200	2765	25.68%	32.00	47	46.88%
BIG 6 PS	2200	2765	25.68%	32.20	47	45.96%

● Double the life of your HP XX wheels by combining them with our PRO 5 grinder!

Productivity gain with our grinders compared to closest competitor (using HP XX wheels)



OUR GRINDERS GENERAL FEATURES



More protection

All Walter 4 1/2", 5" and 6" angle grinders are covered by our 24-month LONG-RUN warranty and exclusive SERVICEGUARD™ protection plan.



GRINDER GRIP™

Magnetic grinder accessory to keep your tools close



The Grinder Grip™ is the only magnetic grinder accessory that makes work easier, safer and more convenient.

The magnet easily attaches to your grinder, allowing it to stick to any ferrous metal surface when not in use. This will help prevent damage to your power tools, as well as your abrasives by keeping it out of harm's way, all while remaining easily accessible. No more knocking or dropping your tools! Stick them with the Grinder Grip™.

Features

- ▷ *It's safe and easy to install*
- ▷ *Keeps your tools out of harm's way all while keeping them handy Compatible with Walter angle grinders*
- ▷ *Models compatible with other brands such as Metabo, Dewalt, Milwaukee, Makita, Hilti*



Order No.: 30-G 001
for Walter grinder models.

See accessories page for other brands.



Video available at The Walter Network
www.youtube.com/user/TheWalterNetwork



4.5" ANGLE GRINDERS



WARRANTY
LONG-RUN
SERVICEGUARD™
Protection Plan
24
MONTHS

MINI GRINDER™

Order no. 30-A 161

Light, compact and durable
The Mini™ 4.5" grinder's state-of-the-art features include the new Walter anti-vibration handle that makes the grinder more comfortable to use and Walter's QUICK-R™ instant release function for disc change outs that take just seconds. The Mini™ has an additional 100 watts of power and features a rear vent to keep the armature cooler, allowing you to work longer while extending the life of the tool.



WARRANTY
LONG-RUN
SERVICEGUARD™
Protection Plan
24
MONTHS

MINI PS™

Order no. 30-A 163

Additional job site safety
The Mini PS™ is the ideal choice when a paddle switch is needed on a 4 ½" grinder. It can be plugged into a generator, making it the perfect fit for construction sites. The double action non-locking paddle switch will stop when you release it, making it the safest choice without sacrificing productivity.



WARRANTY
LONG-RUN
SERVICEGUARD™
Protection Plan
24
MONTHS

MINI PLUS™

Order no. 30-A 255

Powerful variable speed grinder
The MINI PLUS™ grinder provides premium performance and the most advanced features in the industry. Put it to work taking down welds, cutting tubing, light sanding, or removing rust and paint. With an autobalancer, our DYNAMAX™ speed control and POWERGUARD™ protection from overheating, the MINI PLUS™ delivers superior performance no matter the job. Remove more material faster while also significantly extending the life of your abrasives with a premium power tool.

Description	MINI™	MINI PS™	MINI PLUS™
Model name	6161K	6163B	6255J
Order No.	30-A 161	30-A 163	30-A 255
Anti vibration side handle	✓	✓	✓
Safety clutch	✓	✓	✓
QUICK-R™ instant release function	✓	✓	✓
Tool-free rotating guard	✓	✓	✓
Non-locking paddle switch		✓	
Lock-on switch	✓		
AC/DC compatibility	✓	AC only	AC only
Stabilizer™			✓
Soft-Start™			✓
Restart protection			✓
DYNAMAX™ RPM monitoring			✓
POWERGUARD™ overheat protection			✓
LED indicator			✓
DIALSPEED™ variable RPM selector			✓
Spindle	5/8" - 11	5/8" - 11	5/8" - 11
RPM no-load	10,500	10,500	2,800 to 10,500
Amps	8.5 A	8.5 A	9.5 A
Power	900 W	900 W	1000 W
Tool weight	4.6 lbs	4.6 lbs	4.8 lbs
Maximum wheel diameter	4 ½"	4 ½"	5"
Standard equipment			
Wheel guard type 27	48-M 558	48-M 558	48-M 444
Side handle	30-B 075	30-B 075	30-B 075
Inner flange	30-B 057	30-B 057	30-B 057
QUICK-R™ front nut	30-B 020	30-B 020	30-B 020
Optional equipment			
Close guard adaptor	34-B 010	34-B 010	34-B 011
Manual clamping nut	30-B 037	30-B 037	30-B 037
Pin key wrench	48-Z 148	48-Z 148	48-Z 148
SPIN-ON™ kit	30-B 024	30-B 024	30-B 024

5" ANGLE GRINDERS



SUPER 5™

Order no. 30-A 150

The perfect intermediate size grinder

Now boasting a 10.5A motor, this grinder is the right choice for those jobs that require extra power from a lightweight tool. This industrial grade power tool is built to last, and when paired with 5" Walter abrasives it provides one of the safest and most productive systems to tackle a wide range of jobs.



SUPER 5 PS™

Order no. 30-A 153

Safety and performance

The Super 5 PS™ allows you to grind, cut, sand, finish and clean at a much faster and smoother rate. Furthermore, rest assured that when you hold the Super 5 PS™, you are holding the safest grinder thanks to Soft Start™, Powerguard™, a safety clutch and a safety restart that prevents the tool from starting on its own after a power interruption. The Super 5 PS also comes with a paddle switch and a mechanical brake which stops the grinder within 2 seconds of relieving the trigger.



PRO 5™

Order no. 30-A 157

The best ratio of weight and performance

The Pro 5™ has no peers among 5" angle grinders when it comes to removal rate or cutting speed. Equipped with the Walter Stabilizer™, DYNAMAX™, Powerguard™, and Soft Start™ technologies, the Pro 5™ is in a class of its own and offers the most comprehensive safety and productivity enhancing features.

Description	SUPER 5™	SUPER 5 PS™	PRO 5™
Model name	6150i	6153C	6157A
Order No.	30-A 150	30-A 153	30-A 157
Anti vibration side handle	✓	✓	✓
Safety clutch	✓	✓	✓
QUICK-R™ instant release function	✓	✓	✓
Tool-free rotating guard	✓	✓	✓
Non-locking paddle switch		✓	
Mechanical brake system		2-second brake	
Lock-on switch	✓		✓
AC/DC compatibility	✓	AC only	AC compatibility only
Stabilizer™			✓
Soft-Start™		✓	✓
Restart protection		✓	✓
DYNAMAX™ RPM monitoring		✓	✓
POWERGUARD™ overheat protection		✓	✓
LED indicator		✓	✓
Spindle	5/8" - 11	5/8" - 11	5/8" - 11
RPM no-load	11,000	11,000	11,000
Amps	10.5 A	13.5 A	13.5 A
Power	1200 W	1550 W	1550 W
Tool weight	5.3 lbs	5.5 lbs	5.7 lbs
Maximum wheel diameter	5"	5"	5"
Standard equipment			
Wheel guard type 27	48-M 444	48-M 444	48-M 444
Side handle	30-B 075	30-B 075	30-B 075
Inner flange	30-B 057	30-B 057	30-B 057
QUICK-R™ front nut	30-B 020	30-B 020	30-B 020
Optional equipment			
Close guard adaptor	34-B 011	34-B 011	34-B 011
Manual clamping nut	30-B 037	30-B 037	30-B 037
Pin key wrench	48-Z 148	48-Z 148	48-Z 148
SPIN-ON™ kit	30-B 024	30-B 024	30-B 024

6" ANGLE GRINDERS



BIG 6™

Order no. 30-A 260

The best ratio of weight and performance

The Big 6™ is the most powerful grinder in its class. The only grinder that can deliver 1,700 watts with a 6" wheel capacity, the Big 6™ is built for heavy duty applications. It offers a secure grip thanks to the new Walter Stabilizer™ system, which reduces vibration and increases the life of each wheel by at least 30%. The Big 6™ has extensive safety features, making it ideal for production environments that require the performance of a 7" or even 9" grinder without the weight that contributes to operator fatigue.



BIG 6 PS™

Order no. 30-A 263

Heavy-duty performance with additional safety features

The Big 6 PS™ comes with a paddle switch and a mechanical brake to stop the grinder within 2 seconds of relieving the trigger. The Big 6 PS™ is the safest heavy duty grinder on the market and also comes with a Walter Stabilizer™ to reduce vibration, improving workplace ergonomics while improving the life and removal rate of your abrasives.

Description	BIG 6™	BIG 6 PS™
Model name	6260J	6263B
Order No.	30-A 260	30-A 263
Anti vibration side handle	✓	✓
Safety clutch	✓	✓
QUICK-R™ instant release function	✓	✓
Tool-free rotating guard	✓	✓
Lock-on switch	✓	
Non-locking paddle switch		✓
Mechanical brake system		✓
AC/DC compatibility	AC compatibility only	AC compatibility only
Stabilizer™	✓	✓
Soft-Start™	✓	✓
Restart protection	✓	✓
DYNAMAX™ RPM monitoring	✓	✓
POWERGUARD™ overheat protection	✓	✓
LED indicator	✓	✓
Spindle	5/8" - 11	5/8" - 11
RPM no-load	9,600	9,600
Amps	14.5 A	14.5 A
Power	1700 W	1700 W
Tool weight	5.9 lbs	6.2 lbs
Maximum wheel diameter	6"	6"
Standard equipment		
Wheel guard type 27	48-M 446	48-M 446
Side handle	30-B 075	30-B 075
Inner flange	30-B 057	30-B 057
QUICK-R™ front nut	30-B 020	30-B 020
Optional equipment		
Close guard adaptor	34-B 011	34-B 011
Manual clamping nut	30-B 037	30-B 037
Pin key wrench	48-Z 148	48-Z 148
SPIN-ON™ kit	30-B 024	30-B 024

IRONMAN™ GRINDERS



IRONMAN™

Order no. 30-A 560

Top performance in strenuous and prolonged applications

With its ergonomic rat-tail design, the Ironman™ delivers 1,750 watts with 6" wheel capacity. It comes with a Walter Stabilizer™ to reduce vibration and extend the life and removal rate of your abrasives by up to 30%. Ideal for prolonged applications, when combined with Walter abrasives, Ironman™ is among the industry's most productive systems available.

IRONMAN™ PS

Order no. 30-A 563

Exceptional performance with added safety features

If it's high performance and added safety you're after, the Ironman™ PS comes with a paddle switch and a mechanical brake to stop grinding wheels from turning within 2 seconds of relieving the trigger, and cutting wheels within 1.5 seconds. It delivers 1,750 watts of power and comes with a Walter Stabilizer™ to reduce vibration, improve ergonomics and extend the life and removal rate of your abrasives.

Description	IRONMAN™	IRONMAN™ PS
Model name	6560A	6563A
Order No.	30-A 560	30-A 563
Anti vibration side handle	✓	✓
Safety clutch	✓	✓
QUICK-R™ instant release function	✓	✓
Tool-free rotating guard	✓	✓
Lock-on switch	✓	
Mechanical brake system		2-second brake
AC/DC compatibility	AC compatibility only	AC compatibility only
Stabilizer™	✓	✓
Soft-Start™	✓	✓
Restart protection	✓	✓
DYNAMAX™ RPM monitoring	✓	✓
LED indicator	✓	✓
Spindle	5/8" - 11	5/8" - 11
RPM no-load	9,600	9,600
Amps	14.5 A	14.5 A
Power	1750 W	1750 W
Tool weight	6.2 lbs	6.2 lbs
Maximum wheel diameter	6"	6"
Standard equipment		
Wheel guard type 27	48-M 444 / 48-M 446	48-M 444 / 48-M 446
Side handle	30-B 075	30-B 075
QUICK-R™ front nut	30-B 020	30-B 020
Optional equipment		
Close guard adaptor	34-B 011	34-B 012
Manual clamping nut	30-B 037	30-B 037
Pin key wrench	48-Z 148	48-Z 148
SPIN-ON™ kit	30-B 024	30-B 024

MAXI™ GRINDERS



MAXI™ 7"

Order no. 30-A 170

MAXI™ 9"

Order no. 30-A 190

Pound for pound, they deliver more power and better performance

These full-size industrial angle grinders now deliver even more power and speed to get heavy-duty grinding and finishing jobs done faster and with less effort. Well established and recognized quality motors generate less heat and deliver a higher removal rate under load. These grinders will stay on the job longer in the most demanding applications such as bevelling, grinding and taking down heavy welds.

WARRANTY

LONG-RUN
SERVICEGUARD™
Protection Plan

24
MONTHS

Description	MAXI™ 7"	MAXI™ 9"
Model name	6170i	6190i
Order No.	30-A 170	30-A 190
Anti vibration side handle	✓	✓
Lock-on switch	✓	✓
AC/DC compatibility	✓	✓
Swivel rear handle	✓	✓
Spindle	5/8" - 11	5/8" - 11
RPM no-load	8,500	6,800
Amps	15 A	15 A
Power	2400 W	2400 W
Tool weight	12.8 lbs	12.8 lbs
Maximum wheel diameter	7"	9"
Standard equipment		
Wheel guard	48-M 516	48-M 517
Side handle	48-M 401	48-M 401
Inner flange	30-B 057	30-B 057
Clamping nut	30-B 037	30-B 037
Pin key wrench	48-M 483	48-M 483
Optional equipment		
Cut-off guard	34-B 065	34-B 066

* Non-locking switch available upon request for MAXI™ grinder models.

STRAIGHT-MATE™

Order no. 30-A 606 (30A607 for the kit)

The ultimate straight grinder and lightweight polishing and buffing tool

The Straight-Mate™ packs a punch as the ultimate lightweight straight grinder with Walter's Dynamax™ variable speed control and RPM range of 1,600 to 4,800.

A versatile grinding, polishing and buffing tool.

Features

- ▷ *Dynamax™ variable speed control*
- ▷ *RPM range: 1,600-4,800*
- ▷ *Lightweight: 7 lbs (3.2 kg)*
- ▷ *Max wheel diameter: 6" (150mm).*
- ▷ *Compatible with cotton wheels and polishing pastes*
- ▷ *Compatible with wire brush and Line-Mate™ drums*
- ▷ *Compatible with non-woven abrasives,*
- ▷ *Plugs and cones*
- ▷ *Compatible with snagging wheels*



STRAIGHT-MATE KIT

Order no. 30-A 607

Includes:

- 1 FX Stainless (07-X 661)
- 1 Blendex U (07-U 613)
- 1 2-in-1 Turbo Drum (07-K 441)
- 1 2-in-1 Drum (07-K 342)
- 1 Blendex Drum (07-M 323)
- 1 Cotton Drum (07-T 425)
- 1 Polishing Paste (07-T 907)
- 1 Wire Drums (13-M 454)
- 1 Straight-Mate (30-A 606)

Description	STRAIGHT-MATE™
Model Name	6606A
Order No.	30-A 606 (30A607 for kit)
AC compatibility only	√
Soft-Start ^{MC}	√
Restart protection	
DYNAMAX™ RPM monitoring	√
LED indicator	
DIALSPEED™ variable RPM selector	√
Spindle	5/8"-11
RPM no-load	1600-4800
Amperage	11.8
Power	1300W
Tool weight	7 lbs
Maximum wheel diameter	6" (150mm)

SANDER-POLISHER

QUICK-STEP FINISHER™

Order no. 30-A 275

The perfect tool for surface finishing and polishing

This variable speed tool was specifically designed to get the most out of the QUICK-STEP™ surface finishing system. Whether you sand, buff or polish, the QUICK-STEP Finisher™ will provide you with a uniform, top quality finish and reduced finishing times. With all the latest electronic safety controls, the QUICK-STEP Finisher™ is the smart choice for professionals looking to reduce cycle time and finishing costs.



QUICK-STEP Finisher™ system

Order no. 30-A 277

Includes:

- 1 Quick-Step interface pad (07-Q 045)
- 1 Quick-Step backing pad MG (07-Q 149)
- 1 Quick-Step FLEX grit 60 (07-Q 506)
- 1 Quick-Step FLEX grit 120 (07-Q 512)
- 2 Quick-Step Blendex med (07-R 453)
- 1 Quick-Step Blendex fine (07-R 454)
- 1 Quick-Step FX (07-X 845)
- 4 Quick-Step XX (15-V 418)
- 1 Quick-Step Finisher (30-A 275) with standard equipment plus carrying case



Description	QUICK-STEP FINISHER™
Model name	6275B
Order No.	30-A 275
Anti vibration side handle	✓
Safety clutch	✓
QUICK-R™ instant release function	✓
Lock-on switch	✓
AC/DC compatibility	AC compatibility only
Soft-Start™	✓
Restart protection	✓
DYNAMAX™ RPM monitoring	✓
POWERGUARD™ overheat protection	✓
LED indicator	✓
DIALSPEED™ variable RPM selector	✓
Spindle	5/8" - 11
RPM no-load	2,000 to 7,600
Amps	12.2 A
Power	1550 W
Tool weight	5.5 lbs
Maximum wheel diameter	6"
Standard equipment	
Wheel guard type 27	48-M 446
Side handle	30-B 075
Inner flange	30-B 057
QUICK-R™ front nut	30-B 020
Optional equipment	
Manual clamping nut	30-B 037
Pin key wrench	48-Z 148

SANDER-POLISHER

QUICK-STEP BIG-BUFF III™

Order no. 30-A 265

The most comfortable and versatile tool for metal polishing

The Quick-Step Big-Buff III™ is a variable speed tool designed to provide operators with the power and versatility to tackle any job that requires sanding, buffing or polishing. The ergonomic design reduces operator fatigue and ensures smooth operation during the most demanding jobs.



QUICK-STEP BIG-BUFF III™ SYSTEM – 4 1/2"

Order no. 30-A 267

Includes:

- 1 Quick-Step interface pad (07-Q 045)
- 1 Quick-Step backing pad MG (07-Q 149)
- 1 Quick-Step FLEX grit 60 (07-Q 506)
- 1 Quick-Step FLEX grit 120 (07-Q 512)
- 2 Quick-Step Blendex med (07-R 453)
- 2 Quick-Step Blendex fine (07-R 454)
- 1 Quick-Step Felt (07-T 450)
- 1 Quick-Step high polish (07-T 454)
- 1 instant polishing paste (07-T 907)
- 1 BLENDEX U™ Cup Disc (07-U 451)
- 1 Quick-Step FX (07-X 845)
- 1 ENDURO-FLEX 2-in-1™ (15-I 453)
- 2 Quick-Step XX (15-V 418)
- 1 Quick-Step Big-Buff and carrying case (30-A 265)



Description	QUICK-STEP BIG-BUFF III™
Model name	6265C
Order No.	30-A 265
Lock-on switch	✓
AC/DC compatibility	AC compatibility only
Soft-Start™	✓
DYNAMAX™ RPM monitoring	✓
POWERGUARD™ overheat protection	✓
DIALSPEED™ variable RPM selector	✓
Spindle	5/8" - 11
RPM no-load	2,000 to 7,300
Amps	12.4 A
Power	1500 W
Weight	6 lbs
Maximum wheel diameter	6"
Standard equipment	
Side handle	30-B 075
Inner flange	30-B 057
Manual clamping nut	30-B 037
Pin key wrench	48-Z 148

FILLET WELD GRINDER

ULTI-MATE™

Variable speed fillet weld grinder

Ulti-Mate™ is a variable speed fillet weld grinder and finishing tool designed to work in tight corners that other tools have a difficult time reaching. By combining this tool and our range of quality abrasives, you can go from a rough weld all the way to a mirror finish in just minutes.



ULTI-MATE™ FILLET WELD GRINDER SYSTEM

Order no. 30-A 287

Includes:

- 1 Ulti-Mate grinder
- 1 Enduro-Flex 2-in-1 Turbo (15-I 451)
- 1 Enduro-Flex 2-in-1 (15-I 453)
- 1 Blendex U Turbo, 1/4" width (07-U 625)
- 1 Blendex U Turbo, 1/8" width (07-U 615)
- 1 Blendex U 2SF, 1/4" width (07-U 621)
- 1 FX Stainless wheel, 1/4" width (07-X 662)



Description	ULTI-MATE™ WELD GRINDER SYSTEM
Model name	6285A
Order No.	30-A 287
Anti vibration side handle	✓
Safety clutch	✓
Lock-on switch	✓
AC/DC compatibility	AC compatibility only
Soft-Start™	✓
Restart protection	✓
DYNAMAX™ RPM monitoring	✓
POWERGUARD™ overheat protection	✓
LED indicator	✓
DIALSPEED™ variable RPM selector	✓
Spindle	5/8" - 11
RPM no-load	2,500 to 8,750
Amps	12.2 A
Power	1550 W
Weight	7.7 lbs
Maximum wheel diameter	6"

TUBE / PIPE SANDER

RAIL-MATE™

Remove welds and finish pipes, tubes and railings faster

This power tool allows you to use our premium abrasive products to finish pipes, tubes and railings. This powerful finishing tool features Soft-Start technology to avoid kickback when starting the tool, Dialspeed™ variable speed control and Dynamax™ RPM Monitoring to maintain consistent speed under load.



RAIL-MATE™ SANDER SYSTEM

Order no. 30-A 289

Includes:

- 1 Rail-Mate sander
- 6 Coolcut XX belts (2 of each: grit 60, 14-X 156; grit 80, 14-X 158; grit 120: 14-X 162)
- 3 Blendex belts (1 of each grade: Coarse, 07-D 152; Medium 07-D 153; Fine 07-D 154)



Description	RAIL-MATE™ SANDER SYSTEM
Model name	6288A
Order No.	30-A 289
Lock-on switch	√
AC/DC compatibility	AC compatibility only
Soft-Start™	√
Restart protection	√
DYNAMAX™ RPM monitoring	√
POWERGUARD™ overheat protection	√
LED indicator	√
DIALSPEED™ variable RPM selector	√
Spindle	5/8" - 11
RPM no-load	1,600 to 3,200
Surface speed	3-12 m/sec.
MAX belt size L x W	760 mm x 40 mm
MAX pipe diameter	7 in. (180 mm)
MAX polishing deg.	270°
Amps	10A
Power	1200 W
Tool weight	6.8 lbs
QUICK-R™ front nut	30-B 020

DRUM SANDER

QUICK-STEP LINE-MATE III™

Order no. 30-A 268



Linear finishing made easy

The Line-Mate III™ is a versatile variable speed tool that allows you to quickly and easily apply a wide range of linear finishes to metal surfaces. Its powerful motor will help you complete even the toughest jobs with ease. RPM remains constant under load for a consistent and uniform finish every time. When you have a project that requires a linear scratch pattern applied to the surface, trust Line-Mate to get the job done quickly and efficiently.

LINE-MATE III™ SYSTEM

Order no. 30-A 269

Includes:

- 1 Line-Mate III™ with standard equipment plus carrying case
- 1 pneumatic drum (07-F 051)
- 6 cloth drum belts (2 each grit: 60: 07-F 506, 80: 07-F 508 and 120: 07-F 511)
- 2 BLENDEX drum belts (Coarse: 07-H 502, medium: 07-H 503)
- 1 TWO-IN-ONE drum (4 ¼" x 4": 07-K 342)
- 1 BLENDEX drum (4 ¼" x 4" medium: 07-M 343)



Description	QUICK-STEP LINE-MATE III™
Model name	6268C
Order No.	30-A 268
Lock-on switch	✓
AC/DC compatibility	AC only
Soft-Start™	✓
DYNAMAX™ RPM monitoring	✓
POWERGUARD™ overheat protection	✓
DIALSPEED™ variable RPM selector	✓
Spindle	⅝" - 11
RPM no-load	1,000 to 3,800
Amps	12.4 A
Power	1500 W
Weight	6 lbs
Max. wheel dimensions	4 ½" diameter x 4" length
Standard equipment	
Side handle	30-B 075
Manual clamping nut	30-B 037
Pin key wrench	48-Z 148
Inner flange	30-B 057

POINT GRINDER

DIALSPEED™ 6141

Order no. 30-A 141

For fitting and finishing work

The convenient design of this very popular point grinder results in increased performance and operator comfort to let you reach new levels of productivity. Proven electronics and the quality construction of the motor deliver more power to the spindle while the ergonomic housing minimizes fatigue. This tool is the perfect companion to our premium carbide burs for any deburring or shaping applications.

SPEED 1	10,000 rpm
SPEED 2	14,000 rpm
SPEED 3	18,500 rpm
SPEED 4	22,000 rpm
SPEED 5	26,000 rpm
SPEED 6	30,500 rpm



Description	DIALSPEED™ 6141
Model name	6141E
Order No.	30-A 141
Lock-on switch	✓
AC/DC compatibility	AC compatibility only
Soft-Start™	✓
Restart protection	✓
DYNAMAX™ RPM monitoring	✓
POWERGUARD™ overheat protection	✓
DIALSPEED™ variable RPM selector	✓
Collet	¼"
RPM no-load	10,000 to 30,500
Amps	6.4 A
Power	710 W
Tool weight	4.2 lbs
Tool length	13.75"
Maximum wheel diameter	1.5"
Standard equipment	
¼ collet	30-B 046
Spanner	48-Z 019
Optional equipment	
Cutting guard	30-B 051

STRAIGHT GRINDER

DIALSPEED™ 6145

Order no. 30-A 145

For finishing, brushing and polishing work

Our Dialspeed™ Straight Grinder operates at a lower RPM range, making it the perfect companion for mounted flap wheels or wire brushes for brushing, finishing or polishing applications. The newly designed planetary gears allow you to get closer to the workpiece, producing a uniform and straight finish. This industrial power tool is built to last and also features a side handle for increased control in applications requiring a delicate touch.

SPEED 1	2,500 rpm
SPEED 2	4,000 rpm
SPEED 3	5,500 rpm
SPEED 4	7,000 rpm
SPEED 5	8,000 rpm
SPEED 6	8,700 rpm



Description	DIALSPEED™ STRAIGHT GRINDER 6145
Model name	6145E
Order No.	30-A 145
Lock-on switch	✓
AC/DC compatibility	AC compatibility only
Soft-Start™	✓
Restart protection	✓
DYNAMAX™ RPM monitoring	✓
POWERGUARD™ overheat protection	✓
DIALSPEED™ variable RPM selector	✓
Collet	1/4"
RPM no-load	2,500 to 8,700
Amps	8.5 A
Power	950 W
Tool weight	4.3 lbs
Tool length	14"
Maximum wheel diameter	1.5"
Standard equipment	
Side handle	48-L 555
1/4 collet	30-B 046
Spanner	48-Z 019
Optional equipment	
Cutting guard	30-B 051

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LUBRICANTS



CORROSION PROTECTION

ZINC 100™

Bright galvanizing spray

ZINC 100™ is a bright, long-lasting corrosion protection spray specially formulated for the touch-up and repair of hot galvanized parts.

Applications

- ▷ Food processing equipment
- ▷ Water and storage tanks

Benefits

- ▷ Effective, long-lasting corrosion protection
- ▷ Resists chemical and water attack
- ▷ Can be painted over



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	400 ml	11.5 oz.	53-H 102	L-54	12



Features

- ▷ Zinc flakes permanently bond to metallic surfaces
- ▷ Bright metallic finish matches hot dipped look
- ▷ Fast drying
- ▷ Zinc-rich formula meets ASTM A780 standard

ZINC 200™

Cold galvanizing spray

ZINC 200™ is a high-performance, fast-drying corrosion protection spray specially formulated for ferrous metals. Provides the ultimate protection—even when surfaces get scratched.

Applications

- ▷ Marine equipment
- ▷ Weather-exposed parts

Benefits

- ▷ Longest lasting corrosion protection in the marketplace
- ▷ Extremely effective when used as a primer
- ▷ Withstands harsh environmental conditions



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	400 ml	11.5 oz.	53-H 152	L-95	12



Features

- ▷ Actively fights rust & corrosion
- ▷ Dual-action protection (resin coat and galvanic action)
- ▷ Meets ASTM A780
- ▷ Dull finish, dries to touch in 3-5 min.

SHIELD PRO™

Heavy-duty industrial corrosion protection

SHIELD PRO™ is an adherent, non-drying solution that coats metal parts to protect against corrosion. Ideal for indoor and outdoor storage.

NSF category H2, registration #147193

Applications

- ▷ Corrosion protection of outdoor equipment and tools, overseas storage and shipments, cables, chains, pulleys, pump and hose assemblies, and more
- ▷ Suitable for all types of maintenance and repair applications

Benefits

- ▷ Long-term indoor and outdoor corrosion protection
- ▷ Withstands harsh conditions

Features

- ▷ Non-drying film
- ▷ Penetrates and displace moistures
- ▷ Salt water resistant



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Liquid	3.78 L	1 gal	53-H 255	L-170	1
Liquid	20 L	5.2 gal	53-H 257	L-170	1
Liquid	200 L	52.8 gal	53-H 258	L-170	1

ACCESSORIES

Spout for 20 L round metal pail and 200 L metal drum
3/4" NPT

Order no.
53-L 208

FOOD GRADE LUBRICANTS

FOOD ZONE™

Food grade general purpose lubricant
FOOD ZONE™ is a multipurpose lubricant and penetrating oil developed for food industry manufacturing plants. Extends equipment life by protecting against friction, wear, and corrosion.
NSF category H1, registration #148372

Applications

- ▷ *Lubrication and temporary corrosion protection of food and beverage processing equipment*
- ▷ *Loosening of rust, scale, grime, and corrosion*



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	400 ml	13.5 oz.	53-D 602	L-153	12



Benefits

- ▷ *Lubricates and protects*
- ▷ *Displaces moisture and water*
- ▷ *Loosens rusted parts*

Features

- ▷ *Fast-penetrating oil leaves a thin protective film*
- ▷ *Multipurpose*

FOOD ZONE™ V

High viscosity food grade lubricant
FOOD ZONE™ V is an industrial-strength lubricant designed for heavy-duty applications and chain lubrication in food-manufacturing facilities. Foamy, non-drying formula adheres to surfaces and reduces friction, wear, and corrosion in heavy-loaded machinery.
NSF category H1, registration #148374

Applications

- ▷ *Lubrication of chains and conveyor systems*
- ▷ *Lubrication of moving parts in heavy-loaded industrial machinery*



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	400 ml	13.5 oz.	53-D 652	L-154	12



Benefits

- ▷ *Easy to apply*
- ▷ *Maximum adherence*
- ▷ *Protects against wear and corrosion*

Features

- ▷ *Heavy-duty, high-grade formula with PTFE additives*
- ▷ *Thick, non-drying, water-resistant film*
- ▷ *Ideal for vertical surfaces*

CHAIN AND GEARS LUBRICANTS

OPEN GEAR™

High-load drive lubricant

OPEN GEAR™ is an adherent, long-lasting, high-load gear grease that prevents metal-to-metal contact. Increases efficiency and service life of drives and gears—even in harsh environments.

Applications

- ▷ All types of heavy-duty chains, drives, and gears



All Metals

Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	400 ml	13.5 oz.	53-E 102	L-16	12

Benefits

- ▷ Excellent lubrication under tremendous load and in harsh environments
- ▷ Won't fly off gears
- ▷ Extends machine life
- ▷ Minimizes downtime



Features

- ▷ Contains moly and EP additives for high-load lubrication
- ▷ Highly adhesive
- ▷ Water- and dirt-resistant
- ▷ Resists loads up to 90 000 lbs/in²

CHAIN GANG™

High load chain lubricant

CHAIN GANG™ is a high-performance synthetic lubricant that lasts longer than traditional lubricants. Effectively penetrates fine pins and bushings to seal out dust, dirt, water, and other contaminants. Provides excellent protection and enhances the life of any machinery that uses chains or wire cables.

Applications

- ▷ All types of chain drives, O-ring chains, and wire rope
- ▷ Machinery (especially forklifts)



All Metals

Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	400 ml	13.5 oz.	53-D 102	L-05	12

Benefits

- ▷ Reduces costly downtime due to seized chains, pin breakage, and premature wear
- ▷ Stays cleaner and lasts longer than hot grease dips
- ▷ Requires fewer applications than other lubricants
- ▷ Prolongs chain life



Features

- ▷ Contains microscopic moly particles for excellent lubricity
- ▷ Penetrates fine clearances
- ▷ Water-resistant and dust-resistant
- ▷ Repels dirt particles

ADHESIVE LUBRICANT

HANG-ON™

HANG-ON™ is a highly adhesive maintenance lubricant that provides effective, long-lasting lubrication under harsh conditions and over extended periods of time.

Applications

- ▷ Forklift truck chains, locking pins, snowplows, hinges, etc.
- ▷ Differentials in coupling units



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	400 ml	13.5 oz.	53-D 812	L-33	12
Liquid	20 L	5.2 gal	53-D 817	L-45	1

ACCESSORIES

Refillable trigger sprayer bottles

Order no.
53-L 331



Benefits

- ▷ Outperforms and lasts longer than all-purpose and standard thin-film lubricants
- ▷ Resists exposure to weather, salt water, mild chemicals, high loads, and temperatures up to 200 °C (390 °F)
- ▷ Doesn't drip or stain vertical surfaces
- ▷ Efficient, long-lasting action reduces downtimes and maintenance frequencies

Features

- ▷ Silicone-free, no chlorinated solvent
- ▷ Adheres extremely well to surfaces
- ▷ Penetrates fine clearances
- ▷ Displaces water and moisture

PENETRATING LUBRICANT

BOLT-OUT™

BOLT-OUT™ is a heavy-duty, non-chlorinated liquid solution that penetrates and lubricates to efficiently free seized parts while inhibiting further rust. Works well in a wide range of temperatures.

Applications

- ▷ Loosening seized bolts, nuts, studs, and pins
- ▷ Disassembly of seized bolts, nuts, mechanisms, pins, bushings, etc.



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	400 ml	13.5 oz.	53-D 892	L-08	12
Liquid, trigger sprayer	500 ml	16.9 fl.oz.	53-D 893	L-26	12
Liquid	20 L	5.2 gal	53-D 897	L-26	1

ACCESSORIES

Refillable trigger sprayer bottles

Order no.
53-L 332



Benefits

- ▷ Enables faster, easier disassembly
- ▷ Prevents/protects against further corrosion

Features

- ▷ Nonflammable, silicone-free, no chlorinated solvents
- ▷ Contains microscopic moly particles for excellent lubricity
- ▷ Displaces moisture
- ▷ Effective from -20 °C to 250 °C (-4 °F to 482 °F)

COLD SHOCK™

Seized parts are no match for fast penetrating Cold Shock™

Cold Shock™ is a high tech lubricant that frees corroded and seized parts by creating a sudden, shock-freezing effect to -35°C (-31°F). Cold Shock™ penetrates micro-fissures to loosen nuts, bolts, studs, pins and other seized parts in an instant.

Applications

For use on corroded and seized nuts, bolts, studs, pins and other components.

Benefits

- ▷ *Loosens corroded and seized parts through cooling*
- ▷ *Powerful 1 to 2-minute penetration time*



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	400 ml	13.5 oz.	53-D 882	L-98	12



Features

- ▷ *Decreases parts temperatures to -35°C (-31°F)*
- ▷ *Shock-effect lubricant*
- ▷ *Straw extension for precise targeting*

ANTI-SEIZE LUBRICANT

ROCK'N ROLL™

ROCK'N ROLL™ is an inert, non toxic, metal-free white lubricant that prevents seizing of assemblies. Provides long-term protection against corrosion. Highly effective in a wide range of temperatures (-30C or -22°F to 1400C or 2500°F) and in extreme conditions.

Applications

- ▷ *Lubrication of all threaded components, bushings, and press fits*
- ▷ *Lubrication of highly stressed bearings*



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	400 ml	13.5 oz.	53-D 852	L-43	12
Paste/Brush	255.15 g	9 oz.	53-D 854	L-44	12



Benefits

- ▷ *Makes disassembly easy and efficient*
- ▷ *Provides long-term corrosion protection*
- ▷ *No galling or seizing*
- ▷ *Safe for food industry applications*

Features

- ▷ *Inert ingredients*
- ▷ *Non-carbonizing*
- ▷ *(Paste) highly resistant to water, seawater, benzene, and most acids and alkalis*

11

HIGH PERFORMANCE CLEANING SOLUTIONS



WALTER Surface Technologies offers high-performance cleaning solutions that get the job done faster and safer, helping you work better.

Large industrial production and maintenance facilities with demanding cleaning requirements benefit from our powerful, reliable, and certified products. For even the most heavy-duty applications, WALTER provides safe and efficient alternatives to toxic solvents.

The ability to satisfy specific, high-volume surface treatment and cleaning needs, makes WALTER the ideal partner for all manufacturing process applications. For all cleaning requirements, at any stage of production, we can reduce toxicity and help maximize your overall productivity.

No matter how stringent your cleaning requirements, we can provide the perfect custom solution - to improve working conditions, reduce waste, protect the environment, and maximize productivity. Refer to our selection chart for quick tips on choosing the right cleaner to get the job done.

AVAILABLE SIZES

Our liquid cleaning and degreasing solutions come in a wide range of sizes and formats to suit your needs. From small, no-drip, continuous spray mist bottles to bulk barrels or totes, WALTER's got you covered.

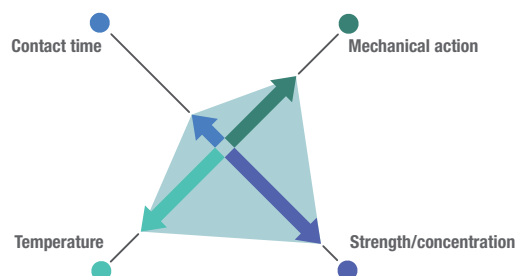


THE CLEANING MATRIX

Increase any of these four elements and increase the performance of your product!

4 key elements
to cleaning efficiency

- ▷ Contact time
- ▷ Mechanical action
- ▷ Temperature
- ▷ Strength/concentration



CLEANER CHARACTERISTICS

	Fast evaporating	Flammability	pH level	Residue	Short term protection	Long term protection	Rinsable	Dilutable	Biodegradable
BIO-REMEDIATING PARTS CLEANER & DEGREASER EXTRA POWERFUL BIO-REMEDIATING PARTS CLEANER & DEGREASER BIO-REMEDIATING PARTS CLEANER & DEGREASER FOR AIRCRAFT USE	No	None	Neutral	Yes	Yes	No	Yes	No	Yes
INDUSTRIAL STRENGTH PARTS CLEANER & DEGREASER	No	None	Slightly alkaline	Yes	Yes	No	Yes	No	Yes
INDUSTRIAL STRENGTH NON-FERROUS PART CLEANER & DEGREASER	No	None	Slightly alkaline	Yes	Yes	No	Yes	No	Yes
CONCENTRATED FOAMING CLEANER & DEGREASER	No	None	Alkaline	Yes	Yes	No	Yes	Yes (up to 40:1)	Yes
CONCENTRATED FOAMLESS CLEANER & DEGREASER	No	None	Alkaline	Yes	Yes	No	Yes	Yes (up to 40:1)	Yes
ALL-PURPOSE CLEANER & DEGREASER	No	None	Alkaline	Yes	No	No	Yes	Yes (up to 1:4)	Yes
CONCENTRATED ALKALINE AUTOMATED PARTS WASHER CLEANER AND DEGREASER	No	None	Alkaline	Yes	Yes	No	Yes	Yes (up to 1:200)	Yes
AUTOMATED PARTS WASHER CLEANER AND DEGREASER FOR NON-FERROUS ALLOYS	No	None	Alkaline	Yes	Yes	No	Yes	Yes (up to 1:200)	Yes
HEAVY-DUTY AUTOMATED PARTS WASHER CLEANER AND DEGREASER FOR NON-FERROUS ALLOYS	No	None	Alkaline	Yes	Yes	No	Yes	Yes (up to 1:200)	Yes
HIGH STRENGTH STAINLESS STEEL CLEANER	No	None	Acidic	Yes	No	No	Yes	Yes (up to 40:1)	Yes
STAINLESS STEEL CLEANER AND PROTECTOR	No	None	Alkaline	Yes	Yes	No	Yes	No	Yes
BIO-RUST	No	None	Slightly acidic	Yes	Yes	No	Yes	No	Yes
POWER CLEANER 100	No	None	Acidic	Yes	No	No	Yes	Yes (up to 40:1)	Yes
HIGH STRENGTH NATURAL SOLVENT	No	Low (102°C/215°F)	---	Yes	---	---	No	No	Yes
ALL-WEATHER CLEANER	No	Mod. (66°C/150.8°F)	---	Yes	No	No	No	No	No
HIGH STRENGTH CITRUS CLEANER/DEGREASER	No	Mod. (45°C/113°F)	---	Yes	---	---	No	No	Yes
HIGH STRENGTH ADHESIVE & INK REMOVER	No	High (-60°C/-76°F)	---	Yes	No	No	No	No	No
CLEANER/LUBRICANT/PROTECTOR	No	Low (125°C/257°F)	---	Yes	Yes	Yes	No	No	No
FOAMING GLASS CLEANER	Yes (after wiping)	Mod.(43°C/104°F)	Alkaline	No	No	No	Yes	No	Yes
SURFACE PREPARATION CLEANER	Yes (after wiping)	Mod.(40°C/104°F)	Slightly alkaline	No	No	No	Yes	No	Yes
PLASTIC-SAFE, FAST EVAPORATING PARTS DEGREASER	Yes	High (-24°C/-11°F)	---	No	No	No	No	No	No
FAST EVAPORATING DEGREASER	Yes	High (-24°C/-11°F)	---	No	No	No	No	No	No
CONTACT CLEAN	Yes	None	---	No	No	No	No	No	No

Legend: ● Water-based ● Natural solvent-based ● Oil-based ● Solvent-based

WALTER ENVIRONMENTAL PRODUCTS - LEGEND



Volatile Organic Compounds Free

Consumers today are far more knowledgeable regarding products containing potentially toxic levels of volatile organic compounds, commonly known as VOCs. Paints, stains, and varnishes have long contributed considerably to the prolific release of VOCs, sometimes known as off-gassing. This explains the growing popularity of low-VOC and VOC-free products. Products where you see the VOC-free logo guarantee that they contain no volatile organic compounds.



Nonfood Compounds Program

The global food industry relies upon nonfood compounds to facilitate the efficient processing, handling and storage of food throughout the supply chain. Nonfood compounds include such substances as cleaners, sanitizers, boiler compounds and lubricants. NSF International Nonfood Compounds Registration Program provides beneficial product information to three important stakeholder groups.



Low Energy Surfactant (LES) technology

These unique surfactants can clean and degrease effectively at lower temperatures, thus generating substantial energy savings. Lower the temperature of your automated industrial parts washers today! NOTE: Dilution up to 1:200

CLEANING AND DEGREASING SELECTION CHART

TYPE OF CLEANERS		ALKALINE / NEUTRAL							
Contaminant		<i>Organic:</i> grease, oil, corrosion protection, lubricants, smoke, finger prints, dust, carbon, graphite, soot, etc.							
Cleaning process		Spray and wipe	Ultrasonic bath	Floor washing machine and general maintenance	Pressure washer	Hot parts washer	Automated parts washer	Dip tank	Manual parts washer
Parent material	Steel	UNO S F UNO S FT 100 FT 200	CB 100 STAR 200	UNO S F	UNO S F	STAR 200 ALUSTAR 200 ALUSTAR 300	STAR 200 ALUSTAR 200 ALUSTAR 300	CB 100	Bio-Circle L Bio-Circle Ultra CB 100
	Stainless steel	UNO S F UNO S FT 100 FT 200 E-Nox Shine	CB 100 STAR 200	UNO S F	UNO S F	STAR 200 ALUSTAR 200 ALUSTAR 300	STAR 200 ALUSTAR 200 ALUSTAR 300	CB 100	
	Aluminum	FT 100 FT 200 E-Nox Shine	CB 100 ALU ALUSTAR 200 ALUSTAR 300			ALUSTAR 200 ALUSTAR 300	ALUSTAR 200 ALUSTAR 300	CB 100 ALU	Bio-Circle Aero CB 100 ALU
	Copper / Brass	FT 100 FT 200	CB 100 ALU			ALUSTAR 200 ALUSTAR 300	GOLD MATRIX READY ALUSTAR 200 ALUSTAR 300	CB 100 ALU	
	Glass	UNO S F UNO S FT 100 FT 200	CB 100	UNO S F	UNO S F	STAR 200 ALUSTAR 200 ALUSTAR 300	STAR 200 ALUSTAR 200 ALUSTAR 300	CB 100	—
	Plastic	UNO S F UNO S FT 100 FT 200	CB 100	UNO S F	UNO S F	STAR 200 ALUSTAR 200 ALUSTAR 300	STAR 200 ALUSTAR 200 ALUSTAR 300	CB 100	—

Note: It is very important to know the next step after cleaning. For instance, if painting is required after the cleaning operation, a surface preparation cleaner may be recommended.

Inorganic contaminant: Mineral-based compounds such as rust, limescale, etc.

Organic contaminants: Carbon-based compounds such as oil, grease, etc.

Other contaminants: Can be a combination of organic and inorganic contaminants

Neutralization of acidic cleaners: Proper neutralization with an alkaline cleaner is always required to deactivate the acid and prevent damages to the parent material

Steps to proper neutralization:

1. Wipe off the excess of acid
2. Apply an alkaline cleaner
3. Wipe off the surface with a clean rag (rinse and dry when necessary)

ACIDIC					ULTRA-POWERFUL NATURAL CLEANER AND DEGREASER		
<i>Inorganic:</i> rust, corrosion, limescale, calamine, heat tint, etc.					<i>Other:</i> paint, glue, adhesive, ink, wax, tar, etc.		
Spray and wipe	Ultrasonic bath	Hot parts washer	Automated parts washer	Dip tank	Spray and wipe	Ultrasonic bath	Dip tank
E-Nox Clean	Power Cleaner 100	Power Cleaner 100	Power Cleaner 100	Bio-Rust and Power Cleaner 100	ALL SEASONS PRO CLEAN SC 400 SC 400 FOAM	CB 100	ALL SEASONS PRO CLEAN CB 100
E-Nox Clean	Power Cleaner 100	Power Cleaner 100	Power Cleaner 100	Power Cleaner 100	ALL SEASONS PRO CLEAN SC 400 SC 400 FOAM	CB 100	ALL SEASONS PRO CLEAN CB 100
E-Nox Clean	Power Cleaner 100	Power Cleaner 100	Power Cleaner 100	Power Cleaner 100	ALL SEASONS PRO CLEAN SC 400 SC 400 FOAM	CB 100 ALU CB 100 ALU	ALL SEASONS PRO CLEAN CB 100 ALU
E-Nox Clean	Power Cleaner 100	Power Cleaner 100	Power Cleaner 100	Power Cleaner 100	ALL SEASONS PRO CLEAN SC 400 SC 400 FOAM	CB 100 ALU	ALL SEASONS PRO CLEAN CB 100 ALU
E-Nox Clean	Power Cleaner 100	Power Cleaner 100	Power Cleaner 100	Power Cleaner 100	PRO CLEAN SC 400	CB 100	PRO CLEAN CB 100
—	—	—	—	—	—	CB 100	CB 100



BIO-CIRCLE VOC GUIDE

To reduce ground-level ozone and smog, certain U.S. states regulate the sales of volatile organic compounds (VOC) in consumer and industrial products. The goal is to decrease the use of high-VOC products in consumer, commercial, and industrial applications and incentivize suppliers to create lower-VOC alternatives.

Bio-Circle® offers powerful solutions for industrial applications. Whenever possible, we offer low-VOC or VOC-free alternatives to replace high-VOC products. For example, we use compressed air as an alternative to high-VOC propellants for some of our aerosol solutions.

We are committed to keeping our customers informed of any restrictions on the use of our products. Below, you'll find a list of our products and the states that restrict their use in some applications.

All states provide exemptions for high-VOC products used in the manufacturing process. Contact your local air quality regulators to learn more about VOC restrictions that may apply in your state or county.

Products	Order No.	COMPLIANCE as per CARB 310*	Restricted for sale in the following States to manufacturing use only, not for retail sale: CA, UT, NH, CT, DC, DE, IN, IL, MD, ME, MA, MI, NY, NJ, OH, PA, RI, VA
PRO CLEAN	53-G 523, 53-G 525, 53-G 527, 53-G 528		✓
SC 400	53-G 512, 53-G 513, 53-G 516, 53-G 517, 53-G 518		✓
SC 400 FOAM	53-G 512		✓
ALL-SEASON	53-G 553 53-G 555 53-G 557 53-G 558 53-G 559		✓
OMNI Liquid	53-X 003, 53-X 005, 53-X 007, 53-X 008, 53-X 009	✓	
FT 100	53-G 183, 53-G 187, 53-G 188	✓	
FT 100 aerosol	53-G 182		✓
FT 200	53-G 173, 53-G 177, 53-G 178		✓
OMNI	53-X 003 53-X 005 53-X 007 53-X 008 53-X 009	✓	
AF-PL	53-C 553-, 53-C 556, 53-C 557, 53-C 558		✓
Contact Clean	53-C 713	✓	
Slap Shot Aerosol	53-C 502		✓
Slap Shot Liquid	53-C 503, 53-C 506, 53-C 508		✓
Slap Shot PL Aerosol	53-C 552		✓
Food Zone	53-D 602		✓
Food Zone V	53-D 652		✓
Coolcut Aerosol	53-B 002		✓
Open Gear Aerosol	53-E 102		✓
Chain Gang Aerosol	53-D 102		✓
Hang-On	53-D 812, 53-D 817		✓
Bolt Out	53-D 893, 53-D 897		✓
COLD SHOCK	53-D 882		✓
Rock'N Roll Aerosol	53-D 852		✓
Zinc 100 Aerosol	53-H 102		✓
Zinc 200 Aerosol	53-H 152		✓
STAINLESS CUT Aerosol	53-B 202		✓

*California Environmental Protection Agency Air Resources Board, method 310 for determination of Volatile Organic Compounds (VOC) in consumer products and reactive organic compounds in aerosol coating products.

HAND SANITIZING SOLUTIONS **NEW**

Our hand sanitizers are made in Canada with the best quality alcohol that is both Food and Pharmaceutical (USP) grade ensuring to keep you safe. Fast and easy method for sanitizing and cleaning hands without the need for water, soap or rinsing.

LIQUID

ALCOHOL LIQUID HAND SANITIZER

Get a hand sanitizer you can trust with WALTER. This fragrance-free liquid solution comes in an array of formats, and are your easy method for sanitizing and cleaning hands on the go.

Applications

- ▷ *Intended for disinfecting hands*
- ▷ *A ready-to-use formula*

Benefits

- ▷ *Kills harmful germs and bacteria*
- ▷ *Leaves hands non-sticky and residue free*
- ▷ *80% Alcohol (W.H.O. recommended formula)*

Feature

- ▷ *Best Quality Odorless Food Grade & Pharmaceutical (USP) alcohol*



	Description	Size		Order No.	(M)SDS	Std. Pkg.
		Metric	US Gal			
Fragrance-Free	80% Mister	118 ml	4 oz.	53-K 201	L-178	24
	80% Mister	350 ml	11.8 oz.	53-K 202	L-178	12
	80% Sprayer	500 ml	16.9 oz.	53-K 203	L-178	12
	80% Sprayer	946 ml	32 oz.	53-K 204	L-178	12
	80% Liquid	3.78 L	1 gal	53-K 205	L-178	4
	80% Liquid	20 L	5.2 gal	53-K 207	L-178	1
	80% Liquid	208 L	55 gal	53-K 208	L-178	1

GEL

ALCOHOL HAND SANITIZER GEL

Get a sanitizer you can trust with WALTER. This fragrance-free gel solution comes in an array of formats, and are your easy method for sanitizing and cleaning hands on the go.

NSF category E3, registration #163578

Applications

- ▷ *Intended for disinfecting hands*
- ▷ *A ready-to-use formula*

Benefits

- ▷ *Kills harmful germs and bacteria*
- ▷ *Leaves hands non-sticky and residue-free*
- ▷ *Added vitamin E to keep hands moisturized (70% formula)*

Features

- ▷ *Best Quality Odorless Food Grade & Pharmaceutical (USP) alcohol*
- ▷ *FDA Registered*



	Description	Size		Order No.	(M)SDS	Std. Pkg.
		Metric	US Gal			
Fragrance-Free	70% Flip Cap	118 ml	4 oz.	53-K 441	L-184	24
	70% Flip Cap	350 ml	11.8 oz.	53-K 442	L-184	12
	70% Pump	500 ml	16.9 oz.	53-K 443	L-184	12
	70% Pump	946 ml	32 oz.	53-K 444	L-184	12
	70% Gel	3.78 L	1 gal	53-K 445	L-184	4
	70% Gel	20 L	5.2 gal	53-K 447	L-184	1

WIPES

70% ALCOHOL
HAND SANITIZING WIPES

The Hand Sanitizing wipes with 70% alcohol are a one-step method to kill harmful bacteria and germs when soap and water are not available. These soft & tough wipes are made with the Best Quality Odorless Food Grade and Pharmaceutical (USP) alcohol, perfect for wiping away germs on hands while keeping moisturized with added vitamin E. **NSF category E3, registration #163672**

Applications

▷ *Intended to disinfect hands by wiping away germs in one-step*

Benefits

- ▷ *Kills harmful germs and bacteria*
- ▷ *Leaves hands non-sticky and residue free*
- ▷ *Safe for skin with moisturizers and vitamin E added*



Description	Count	Order No.	(M)SDS	Std. Pkg.
Canister	80 wipes	53-K 465	L-186	20
Canister	150 wipes	53-K 466	L-186	16
Bucket	400 wipes	53-K 468	L-186	4



NEW

Features

- ▷ *Best Quality Odorless Food Grade & Pharmaceutical (USP) Alcohol*
- ▷ *Soft & tough wipes*
- ▷ *FDA Registered*



HAND SANITIZER DISPENSING SOLUTIONS

Walter offers practical dispensing options for its hand sanitizers. From automatic, to manual, to wall-mount we have the solution to cover your every day needs.

AUTOMATIC DISPENSERS

- ▷ Infrared auto-sensing
- ▷ Sensing distance: 4-10 cm
- ▷ 4x C batteries (not included)
- ▷ 1 L capacity
- ▷ 1 mL spraying volume
- ▷ Manual open cover to refill liquid



The dispensers are sold as kits with hand sanitizing liquid or gel



Sanitizer Fluid Content	Dispenser Count	Order No.
Touchless Automatic Kit-Liquid 80% Alcohol		
2x 1 gal. Jug Liquid 80% Alcohol	1	53L131Kit1FFUSA
Touchless Automatic Kit-Gel 70% Alcohol		
2x 1 gal. Jug Gel 70% Alcohol	1	53L132Kit1FFUSA

MANUAL DISPENSERS

- ▷ Manual action
- ▷ No batteries
- ▷ 1 L capacity
- ▷ 0,4 ml liquid or 0,8 ml gel spraying volume
- ▷ Manual open cover to refill liquid



Sanitizer Fluid Content	Dispenser Count	Order No.
Manual Dispenser Kit-Liquid 80% Alcohol		
2x 1 gal. Jug Liquid 80% Alcohol	1	53L135Kit1FFUSA
Manual Dispenser Kit-Gel 70% Alcohol		
2x 1 gal. Jug Gel 70% Alcohol	1	53L136Kit1FFUSA

WALL-MOUNT

- ▷ 3.78 L wall rack
- ▷ Aluminium design
- ▷ Manual action jug hand pump
- ▷ Made in Canada



Sanitizer Fluid Content	Dispenser Count	Order No.
Aluminum Wall-Mount & Pump Kit-Liquid 80% Alcohol		
2x 1 gal. Jug Liquid 80% Alcohol	1	53L133Kit1FFUSA
Aluminum Wall-Mount & Pump Kit-Gel 70% Alcohol		
2x 1 gal. Jug Gel 70% Alcohol	1	53L133Kit1GELFFUSA

TABLE TOP STAND FOR DISPENSER

Order No.: 53-L 137
Dispenser sold separately



FLOOR STAND FOR DISPENSER

Order No.: 53-L 138
Dispenser sold separately



NEW

HAND SANITIZER DISPENSING SOLUTIONS

To help you work safer



**HAND
SANITIZER**

SURFACE DISINFECTING SOLUTIONS

EPA Registered, high strength formulas to clean & disinfect hard surfaces.

READY-TO-USE

HEAVY-DUTY DISINFECTANT, CLEANER & DEGREASER

Powerful multi purpose ready-to-use surface disinfecting solution that tackles the toughest contaminants while simultaneously eliminating 99.99% of harmful germs and viruses.

Applications

- ▷ Ideal for trigger sprayer applications, parts cleaning, floor cleaning and pressure washing
- ▷ Ready-to-use formula, no need for dilution
- ▷ To clean, spray on soiled surface and wipe clean
- ▷ Effectively works on hard, non-porous surfaces

Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Sprayer	500 ml	16.9 oz.	53-G 633	L-101	12
Sprayer	946 ml	32 oz.	53-G 634	L-101	12
Liquid	3.78 L	1 gal	53-G 635	L-101	4
Liquid	20 L	5.2 gal	53-G 637	L-101	1
Liquid	208 L	52.8 gal	53-G 638	L-101	1



Benefits

- ▷ Kills viruses and 99.9% of germs
- ▷ Starts cleaning on contact and leaves no residue
- ▷ Cleans oils, grease, organic contaminants, dust, smoke and more
- ▷ Eco-friendly / Biodegradable

Features

- ▷ No fragrance / No alcohol smell
- ▷ Free of harsh chemicals or fumes
- ▷ Hydrogen Peroxide active ingredient
- ▷ EPA Reg No.: 85837-4-97129
- ▷ EPA Est. No.: 71354-NC-1

NO RINSE

70% ALCOHOL SURFACE CLEANER

A convenient formulation for cleaning hard surfaces that are handled regularly without the need to wipe or rinse. Removes light contaminants off frequently touched surfaces.

NSF category K1, registration #161896

Applications

- ▷ For cleaning hard surfaces such as tables, chairs, desks, railings, charging stations, appliances, floors and more
- ▷ One step, no rinse solution
- ▷ Safe on most plastics (test first)



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Sprayer	500 ml	16.9 oz.	53-K 103	L-90	12
Sprayer	946 ml	32 oz.	53-K 104	L-90	12
Liquid	3.78 L	1 gal	53-K 105	L-90	4
Liquid	20 L	5.2 gal	53-K 107	L-90	1
Liquid	208 L	52.8 gal	53-K 108	L-90	1



Benefits

- ▷ Fast and effective
- ▷ Leaves a residue-free finish
- ▷ Comes in trigger sprayer format for convenience

Feature

- ▷ Best Quality Odorless Food Grade & Pharmaceutical (USP) Alcohol
- ▷ Light citrus scent

MULTI-PURPOSE CLEANERS

Family of cleaning and degreasing products that are ideal for various applications conducted at room temperature. Save time and money with the Low Energy Surfactant (LES) technology which allows the product to achieve optimal results at ambient temperature.

CONCENTRATED CONCENTRATED FOAMING CLEANER & DEGREASER

UNO™ S

UNO™ S is a highly concentrated, powerful foaming cleaner/degreaser that lifts dirt and grease fast. Ideal for manual spraying applications. Excellent substitute for solvent-base cleaners.

NSF category A1, registration #142608

Applications

- ▷ Cleaning stainless steel equipment in food industry
- ▷ Removal of cutting fluids, stamping oils and grease

IMPROVED FORMULA!

Versatile
and **safe!**



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Sprayer	500 ml	16.9 oz.	53-G 033	L-143	12
Liquid	3.78 L	1 gal	53-G 035	L-143	1
Liquid	20 L	5.2 gal	53-G 037	L-143	1
Liquid	208 L	55 gal	53-G 038	L-143	1
Liquid	1000 L	264 gal	53-G 039	L-143	1

Benefits

- ▷ Versatile — can be used for a variety of applications
- ▷ Less chemical required per cleaning
- ▷ Creates a safer, healthier work environment

Features

- ▷ Nonflammable, phosphate-free
- ▷ Improved formula
- ▷ Foaming action for increased contact time
- ▷ Dilutable up to 1:50



CONCENTRATED**CONCENTRATED FOAMLESS
CLEANER & DEGREASER****UNO™ SF**

UNO™ SF is a highly concentrated, powerful foamless cleaner/degreaser that can cut through dirt and grease throughout your facility. Uses range from floor washing and pressure washing of large parts to automatic parts washers. Excellent substitute for solvent-base cleaners. **NSF category A1, registration #142609**

Applications

- ▷ *Cleaning of stainless steel equipment*
- ▷ *Removal of cutting fluids, stamping oils and grease*



Less chemical
required per
cleaning



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Sprayer	500 ml	16.9 oz.	53-G 023	L-48	12
Liquid	3.78 L	1 gal	53-G 015	L-48	1
Liquid	20 L	5.2 gal	53-G 017	L-48	1
Liquid	208 L	55 gal	53-G 018	L-48	1
Liquid	1000 L	264 gal	53-G 019	L-48	1

Benefits

- ▷ *Versatile — can be used for a variety of applications*
- ▷ *Less chemical required per cleaning*
- ▷ *Creates a safer, healthier work environment*

Features

- ▷ *Nonflammable*
- ▷ *Low Energy Surfactant Technology cleans at lower temperatures*
- ▷ *Dilutable up to 1:40*



HEAVY-DUTY TAR AND BITUMEN REMOVERS

For removing very tough contaminants such as tar, bitumen, carbon & asphalt.

FOR DIFFICULT CONTAMINANTS HIGH STRENGTH CITRUS CLEANER/DEGREASER

SC 400™

Formulated with citrus peel extracts, SC 400™ is a heavy-duty, powerful, fast-acting alternative to petroleum-based solvent cleaners. Easily removes tar, bitumen, grease, lubricants, and oils.

Applications

- ▷ *Cleaning machine parts, tools, pumps, gears*
- ▷ *Not for use on plastics, rubber, and other solvent-sensitive materials*

Benefits

- ▷ *Cuts through contaminants quickly and effectively*
- ▷ *Slow drying formula covers larger surface areas*
- ▷ *Safer than more flammable alternatives*



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Sprayer	500 ml	16.9 oz.	53-G 513	L-68	12
Liquid	3.78 L	1 gal	53-G 516	L-68	1
Liquid	20 L	5.2 gal	53-G 517	L-68	1
Liquid	200 L	52.8 gal	53-G 518	L-68	1



Cuts through contaminants **quickly and effectively**



Features

- ▷ *Formulated with 100% natural and renewable ingredients*
- ▷ *Low residue, slow drying*

FOR DIFFICULT CONTAMINANTS HEAVY-DUTY CITRUS DEGREASER

Cleans and emulsifies to breakdown difficult contaminants such as asphalt, bunker, carbon, grease, oil and tar residue that are bound to the surfaces. **NSF category K1, registration #163464**

Applications

- ▷ *Spray application recommended to be used straight on soiled surfaces*
- ▷ *Recommended to clean soiled concrete floors, hydrocarbons, tar, bunkers, piping soil, etc.*
- ▷ *Great for paving, mining equipment*



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Sprayer	500 ml	16.9 oz.	53-G 533	L-187	12
Sprayer	946 ml	32 oz.	53-G 534	L-187	12
Liquid	3.78 L	1 gal	53-G 535	L-187	1
Liquid	20 L	5.2 gal	53-G 537	L-187	1
Liquid	208 L	52.8 gal	53-G 538	L-187	1

NEW

High
flashpoint

Benefits

- ▷ *Leaves no residue*
- ▷ *High flashpoint*
- ▷ *Biodegradable*

Features

- ▷ *With Natural Solvent & D-Limonene*
- ▷ *No need for dilution*
- ▷ *Reduction of the volume of waste, without presence of water in the oil*



FOR ANY TEMPERATURE ALL-WEATHER CLEANER ALL-SEASON™

ALL-SEASON™ is a less toxic alternative to solvent cleaning for tough applications, even at the most extreme temperatures. Bitumen, tar and asphalt don't stand a chance even at cold temperatures. ALL-SEASON™ is the perfect alternative to solvent based and d-limonene based cleaners.

Applications

- ▷ Can be used in spray applications for manual cleaning or pressure washing for large surface applications
- ▷ Provides high solvency for fast and easy removal of tough contaminants: grease, oils, tar, asphalt and bitumen

Benefits

- ▷ High-strength formulation, fast acting, very effective
- ▷ Ready-to-use formulation, no dilution required
- ▷ Safe on all metals, non-corrosive

Features

- ▷ Formulated to clean at any temperature, from -40°C (-40°F) to over 100°C (212°F)
- ▷ Separates from water for easier recovery of waste



Alu. All Metals

Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Sprayer	500 ml	16.9 oz.	53-G 553	L-175	12
Liquid	3.78 L	1 gal	53-G 555	L-175	1
Liquid	20 L	5.2 gal	53-G 557	L-175	1
Liquid	208 L	55 gal	53-G 558	L-175	1
Liquid	1000 L	264 gal	53-G 559	L-175	1



High strength,
fast acting

ACCESSORIES	Order No.
Spout for 5L pail	53-L 113
Industrial pump sprayer	53-L 120
Spout for 20 L pail	53-L 207
Spout for 20 L round metal pail and 200 L metal drum ¾" NPT	53-L 208
Spout for 208 L drum	53-L 209
Empty refillable trigger sprayer for SC 400	53-L 313
Bio-Circle Air Drying Gun	55-B 085
CleanBox® Dip Bio-Circle®	53-L 010
Replacement sprayer, 500 ml	53-L 318



HEAVY-DUTY INK AND PAINT REMOVERS

For removing ink, adhesive and other contaminants.

FOR ADHESIVES

HIGH STRENGTH ADHESIVE & INK REMOVER

SC 400 FOAM™

SC 400™ Foam is a high strength solvent with which adhesive substances even when hardened can be removed. Special additives enable a long-lasting depth effect of the solvent so that even the most difficult dried adhesive films can be cleaned.

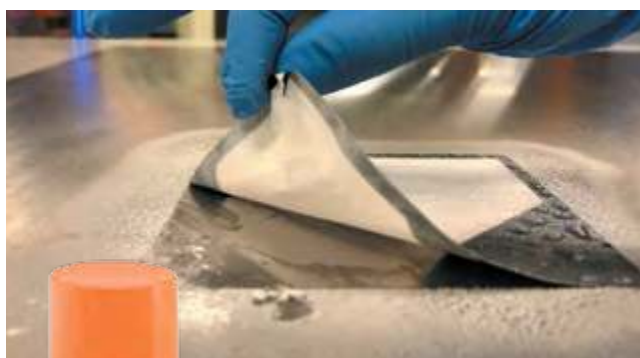
NSF category K3, registration #156603

Applications

- ▷ Cleaning machine parts, tools, pumps, gears
- ▷ Not for use on plastics, rubber, and other solvent-sensitive materials



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	400 ml	11.5 oz.	53-G 512	L-171	12



*Suitable for metal,
wood, ceramics
and glass*

Benefits

- ▷ Removes labels, adhesive, sealing materials, carbon residues, lacquers, greases, oils, resin, tar, lubricant and sliding means residues
- ▷ Suitable for metal, wood, ceramics, glass
- ▷ The corrosion protection agent protects the metal surface on bare metal parts

Features

- ▷ Special additives to enable long-lasting depth effect
- ▷ Colourless

CONCENTRATED

HIGH STRENGTH NATURAL SOLVENT

PRO CLEAN™

Made from bio-renewable extracts, PRO CLEAN™ is a powerful, 100% concentrated solvent that removes hard-to-clean contaminants. Its Nature Boost™ formula quickly and easily removes paint, ink, adhesives, anti-corrosion waxes, resins and tar.

NSF category K3, registration #146172



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Sprayer	500 ml	16.9 oz.	53-G 523	L-169	12
Liquid	3.78 L	1 gal	53-G 525	L-169	1
Liquid	20 L	5.2 gal	53-G 527	L-169	1
Liquid	208 L	55 gal	53-G 528	L-169	1



***Safer to handle** than
toxic and volatile
solvents!*

Benefits

- ▷ Creates a safer, more pleasant work environment
- ▷ Safer to handle than toxic and volatile solvents
- ▷ Improves sustainability
- ▷ Reduces workplace liability

Features

- ▷ Formulated with natural and bio-renewable ingredients
- ▷ Test before use on rubber
- ▷ Fast acting, very effective

GLASS CLEANER

Spotless cleaning with fast drying cleaner.

FOAMING GLASS CLEANER

FT 100™

FT 100™ is a surfactant-free, fast-drying cleaning agent that removes light oil, pollution, dust, fingerprints, felt pen, and pencil residues from glass, mirror or whiteboards. **NSF category A1, registration #156602**

Applications

- ▷ Final step before any treatment in process (painting, varnish, sealing, gluing, coating, etc.)
- ▷ Final step before showcasing a final product

Benefits

- ▷ Leaves no residue, streaks, or stains
- ▷ Ready to use

Features

- ▷ Fast drying

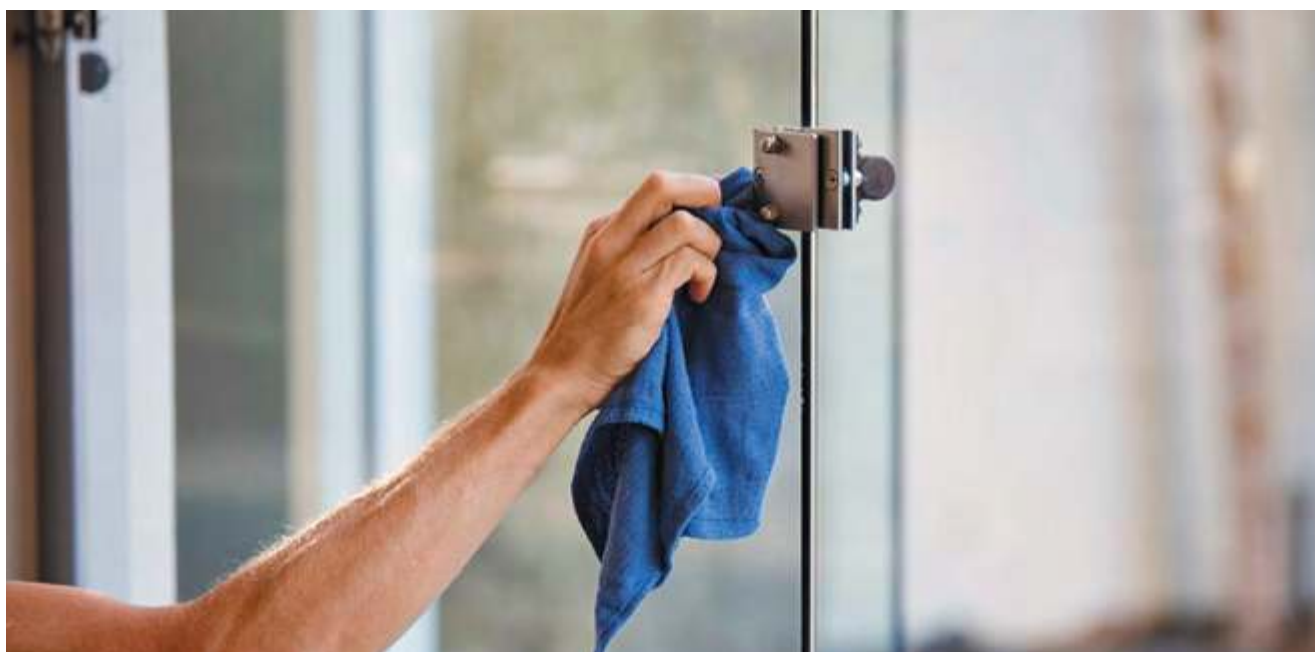


Leaves no **residue**, streaks or strains



Glass and Mirror

Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	400 ml	13.5 oz.	53-G 182	L-172	12



RUST-REMOVAL SOLUTIONS

Breaks down rust from metallic surfaces without the need of abrasives.

RUST & MINERAL RUST & MINERAL REMOVER + BRIGHTENER POWER CLEANER 100™

Highly concentrated cleaner/ brightener that quickly breaks down rust, dissolves limescale, eliminates mineral deposits, and brightens metallic surfaces. **NSF category A3, registration #141944**

Applications

- Removing rust, limescale, and mineral deposits on sheet metal, metallic structures, heating coils, pumps, heat exchanger plates, and storage tanks
- Brightening metallic surfaces

Benefits

- Fast acting
- Easier and more efficient than manual rust removal
- No need to salvage rusted parts or equipment

Features

- Phosphoric Acid based: does not contain nitric, hydrofluoric or hydrochloric acid
- Fully restores dull or tarnished metal surfaces
- Can be diluted up to 1:40 with water
- Light oxidation

						
	Description	Size				
		Metric	US Gal	Order No.	(M)SDS	Std. Pkg.
	Sprayer	500 ml	16.9 oz.	53-G 253	L-23	12
	Liquid	3.78 L	1 gal	53-G 255	L-23	1
	Liquid	20 L	5.2 gal	53-G 257	L-23	1
ACCESSORIES				Order No.		
Spout for 20 L square plastic pail				53-L 207		
Empty refillable trigger sprayer for POWER CLEANER 100				53-L 309		



Rusted parts or equipment can now be salvaged!



**Use with CleanBox®
Dip for pre-soaking**

Order no.: 55-D 010
Order no. for dolly: 55-B 083



**HEAVY RUST (SOAKING)****NON-CAUSTIC RUST REMOVER****BIO-RUST™**

Non-caustic rust removers that safely eliminates rust on all ferrous alloys. **NSF category A2, registration #146173**

Applications

- ▷ Removal of rust and other metallic particles
- ▷ We recommend degreasing parts before using it

Benefits

- ▷ Reduces scrap rate
- ▷ Requires less time and effort than abrasives
- ▷ Safe to handle and store



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Sprayer	500 ml	16.9 oz.	53-G 243	L-134	12
Liquid	20 L	5.2 gal	53-G 247	L-134	1
Liquid	208 L	55 gal	53-G 248	L-134	1
ACCESSORIES			Order No.		
Chrome plated drum pump			53-L 116		
Spout for 20 L square plastic pail			53-L 207		
Spout for 208 L plastic drum 2" NPT			53-L 209		

Features

- ▷ Removes rust without attacking surface material
- ▷ Nonflammable, phosphate-free
- ▷ Non-hazardous — OSHA and WHMIS compliant
- ▷ Soak for best results (up to 24h)

PARTS WASHING SOLUTIONS

Heavy-duty cleaning for removing ink, adhesive, synthetic oils, heavy grease and other tough contaminants. These solutions work exceptionally well at room temperature and only require periodical oil skimming.

REGULAR INDUSTRIAL STRENGTH PARTS CLEANER & DEGREASER

CB 100™

CB 100™ is next-generation cleaning technology. Powered by our exclusive Nature Boost™ formula, CB 100™ is unsurpassed in its ability to remove the most stubborn industrial contaminants.

NSF category C1, registration #148555

Applications

- ▷ *Cleaning asphalt from paving equipment*
- ▷ *Removing tough greases from gears and bearings*

Benefits

- ▷ *Outlasts solvent cleaners by 3-5x*
- ▷ *Shortens cleaning time*
- ▷ *Creates a safer, more pleasant work environment*
- ▷ *Reduces workplace liability*



Extreme strength & Natural



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Sprayer	500 ml	16.9 oz.	53-G 163	L-155	12
Liquid	3.78 L	1 gal	53-G 165	L-155	1
Liquid	20 L	5.2 gal	53-G 167	L-155	1
Liquid	208 L	55 gal	53-G 168	L-155	1
Liquid	1000 L	264 gal	53-G 169	L-155	1

Features

- ▷ *For steel and stainless steel*
- ▷ *Ready-to-use, non-caustic, non-hazardous, phosphate-free, and butyl-free*
- ▷ *Cuts through contaminants most solvents can't touch*
- ▷ *Great cleaning power at room temperature*



ALUMINIUM COMPATIBILITY**INDUSTRIAL STRENGTH
NON-FERROUS PART CLEANER
& DEGREASER****CB 100 ALU™**

CB 100™ ALU is a powerful cleaner/degreaser powered by our unique Nature Boost™ technology. Similar to the CB 100™ cleaning solution, yet specially designed for cleaning aluminum and sensitive alloys. Replaces hazardous solvents and petroleum-based products for improved health and safety in the workplace.

NSF category A1, registration #163931

Applications

- ▷ *Removing coolants and cutting oils from parts in machine shops*
- ▷ *Degreasing engine components during repair and rebuild operations*

Benefits

- ▷ *Outlasts solvent cleaners by 3-5x*
- ▷ *Shortens cleaning time*
- ▷ *Eliminates material compatibility issues*
- ▷ *Reduces workplace liability*

Features

- ▷ *Specially formulated for non-ferrous alloys*
- ▷ *Ready-to-use, non-caustic, non-hazardous, phosphate-free, and butyl-free*
- ▷ *Great cleaning power at room temperature*
- ▷ *Formulated with special corrosion protection*



**Aluminium
compatible**

Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Sprayer	500 ml	16.9 oz.	53-G 123	L-158	12
Liquid	3.78 L	1 gal	53-G 125	L-158	1
Liquid	20 L	5.2 gal	53-G 127	L-158	1
Liquid	208 L	55 gal	53-G 128	L-158	1
Liquid	1000 L	264 gal	53-G 129	L-158	1



PARTS WASHING BIO-REMEDIATING SOLUTIONS

Designed for use in parts washers with heating elements, these self-regenerating solutions contain micro-organisms that break down oils and greases into CO₂ and H₂O, with almost ZERO waste products to dispose of.

BIO-REMEDIATING PARTS CLEANER & DEGREASER

BIO-CIRCLE® L

Bio-Circle® L is a top-selling Bio-remediating parts cleaner and degreaser used in thousands of operations worldwide. Maintains its cleaning power over time, offering an economical and environmental advantage over toxic solvents and weaker water-based systems. **NSF category C1, registration #141285**

Applications

- ▷ Parts cleaning
- ▷ Facility maintenance

Benefits

- ▷ Maximum strength for life of product
- ▷ Reduces waste and disposal costs
- ▷ Creates a safer, more pleasant work environment
- ▷ No respiration equipment required



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Liquid	20 L	5.2 gal	55-A 007	L-78	1
Liquid	208 L	55 gal	55-A 008	L-78	1
Liquid	1000 L	264 gal	55-A 009	L-78	1



Versatile and **safe!**

Features

- ▷ Continuously self-renewing with minimal waste streams
- ▷ Non-hazardous, nonflammable, VOC-free
- ▷ Pleasant scent—no harsh fumes or vapors
- ▷ Safe on skin



EXTRA POWERFUL BIO-REMEDATING PARTS CLEANER & DEGREASER

BIO-CIRCLE® ULTRA

Bio-Circle® Ultra is a bio-remediating parts cleaner and degreaser that easily cuts through some of the toughest industrial contaminants including crude oil, bitumen, and heavy grease. Maintains its cleaning power over time, offering an economical and environmental advantage over toxic solvents and weaker waterbased systems.

NSF category C1, registration #145549

Applications

- ▷ MRO and production
- ▷ Rebuild and repair operations

Benefits

- ▷ Maximum strength for life of product
- ▷ Reduces waste and disposal costs
- ▷ Creates a safer, more pleasant work environment
- ▷ No respiration equipment required



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Liquid	20 L	5.2 gal	55-A 107	L-148	1
Liquid	208 L	55 gal	55-A 108	L-148	1
Liquid	1000 L	264 gal	55-A 109	L-148	1



Less chemical
required per cleaning

Features

- ▷ Continuously self-renewing with minimal waste streams
- ▷ Non-hazardous, nonflammable, VOC-free
- ▷ Powered by Nature Boost™, an exclusive, highly effective natural Ingredient
- ▷ Pleasant scent—no harsh fumes or vapors

BIO-REMEDATING PARTS CLEANER & DEGREASER FOR AIRCRAFT USE

BIO-CIRCLE® AERO

Bio-Circle® Aero liquid is a bio-remediating parts cleaner and degreaser designed to meet the aeronautical industry's stringent requirements. Safe for use with aluminum and other sensitive alloys.

Applications

- ▷ Airport maintenance
- ▷ Aerospace parts manufacturing

Benefits

- ▷ Maximum strength for life of product
- ▷ Eliminates material compatibility issues
- ▷ Reduces waste and disposal costs
- ▷ Creates a safer, more pleasant work environment



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Liquid	20 L	5.2 gal	55-A 207	L-161	1
Liquid	208 L	55 gal	55-A 208	L-161	1
Liquid	1000 L	264 gal	55-A 209	L-161	1



Eliminates material
compatibility issues

Features

- ▷ Continuously self-renewing with minimal waste streams
- ▷ Conforms to: Boeing D6-17487 Revision R Douglas Aircraft Company CSD No.1 (Type I) AMS 1526C
- ▷ Non-hazardous, nonflammable, VOC-free, pH neutral
- ▷ Safe for all metals and most surfaces

PARTS WASHER

FEATURES

If you're looking to create a safer workplace without compromising performance, our Bio-Circle® MAXI industrial parts washer is built for you. This cutting-edge cleaning and degreasing system is sturdy, reliable, low maintenance, and specially designed for water-based cleaning, allowing you to quickly power through the most demanding cleaning jobs. When paired with Bio-Circle® or CB 100™ solutions, our parts washer will transform your cleaning operations, making them easy, eco-friendly, efficient and safe.

- 1 Electronically controlled PCB board with onboard diagnostics
- 2 LED flashing push button: *Flashing LED push button displays machine status*
- 3 Air pump: *Provides air circulation and convection*
- 4 In-line filter housing: *Ensures filtration of heavy metal pieces and contaminants*
- 5 CSA certified: *Conforms to industry standards for safety compliance materials and electronics*
- 6 Fluid pump: *Electronically controlled fluid pump for liquid circulation*
- 7 Air diffuser: *Distributes air evenly for maximum circulation*
- 8 Probe: *Rugged stainless probe construction houses temperature and thermal shut-off safety sensors*
- 9 Heater: *Liquid heating ensures optimal cleaning performance*
- 10 Under-sink filter bag: *Ensures filtration of heavy metal pieces and contaminants*
- 11 Gasket: *Prevents unwanted liquid evaporation*
- 12 Sink filter assembly:
 - Magnet: *Traps metallic particles*
 - Flapper: *Prevents unwanted liquid evaporation*
 - In-sink filters: *Filter meshes (2 sizes) trap heavy metal pieces and contaminants*
- 13 Two-way valve:
 - Flexible articulated hose: *Provides steady stream of liquid for cleaning*
 - Multijet flow-through brush: *Provides steady stream of liquid for cleaning, plus integration brush for scrubbing*



BIO-CIRCLE® MAXI

Order No.	Dimensions	Max tank capacity	Load capacity
55-D 600	97 x 69 x 110 (38" x 27" x 43")	140 L (37 gal)	220 Kg (500 lbs)

ACCESSORIES	Order No.
Sink lid	55-B 047
Stainless steel sink insert	55-B 048
Casters	55-B 049

BIO-RENEWABLE START-UP PACKAGES

Each start-up package includes the Bio-Circle® MAXI industrial parts washer and ultra-powerful natural cleaning and degreasing solutions.



INCLUDED: 6 PAILS (20 L / 5.2 GAL.)

Name	Order No.
CB 100	55-D 615CBP
CB 100 ALU	55-D 615CBAP

INCLUDED: 1 DRUM (208 L / 55 GAL.)

Name	Order No.
CB 100	55-D 615CBD
CB 100 ALU	55-D 615CBAD

BIO-REMEDIATING START-UP PACKAGES

Each start-up package includes the Bio-Circle® MAXI industrial parts washer and safe and efficient BIO-REMEDIATING cleaning solutions. These Bio-Circle® liquids maintain their cleaning power over time, a clear advantage over solvents.



INCLUDED: 6 PAILS (20 L / 5.2 GAL.)

Name	Order No.
Bio-Circle® L	55-D 600BCLP
Bio-Circle® ULTRA	55-D 600BCUP
Bio-Circle® Aero	55-D 600BCAP

INCLUDED: 1 DRUM (208 L / 55 GAL.)

Name	Order No.
Bio-Circle® L	55-D 600BCLD
Bio-Circle® ULTRA	55-D 600BCUD
Bio-Circle® Aero	55-D 600BCAD

WALTER AND GRAYMILLS

PARTNERS IN SUPERIOR PARTS CLEANING SOLUTIONS

Graymills parts washer systems perfectly complement Walter's cleaning and degreasing solutions.

We've got you covered! Combine Bio-Circle®'s array of parts washing liquids with Graymills' range of ultrasonic, automated or small parts washers for great results.



GRAYMILLS

Graymills order no. PH922

Easy to use, it offers quick on-site cleaning of shop parts. This modular washer features an integrated sink and holding tank for efficient cleaning.



BIOMATIC

Graymills order no. BIO922

Uses a bioremediation process involving hydrocarbon converting microbes to reduce solid waste and eliminate fluid disposal.



THE PERFECT MATCH!

Get great results when paired with Walter's CB 100™, Bio-Circle® or STAR™ parts washing liquids.



Graymills

PARTS WASHERS

For more information, visit
Graymills.com

Toll-free customer service: 1 877-465-7867

AUTOMATIC PARTS WASHING

An excellent substitute to solvent-based cleaners! Save on energy and costs with Low Energy Surfactant (LES) Technology! These unique surfactants can clean and degrease effectively at lower temperatures, thus generating substantial energy savings. Lower the temperature of your automated industrial parts washers today!

REGULAR

CONCENTRATED ALKALINE AUTOMATED PARTS WASHER CLEANER & DEGREASER

STAR 200™

STAR™ 200 is a foamless demulsifying alkaline cleaner/degreaser specially formulated for cleaning iron, cast iron, steel, and stainless steel. Excellent at dissolving thick oil, grease, lubricants, and grime.

Applications

- ▷ Hot parts washers, cleaning tunnels, ultrasonic baths, turntable washers, spray cabinets, and agitated tanks
- ▷ Maintenance, repair, and cleaning applications

Benefits

- ▷ Less chemical required per cleaning
- ▷ Lasts longer
- ▷ Saves money
- ▷ Lowers energy costs



Steel Stainless Steel Plastic

Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Liquid	20 L	5.2 gal	53-G 067	L-107	1
Liquid	208 L	55 gal	53-G 068	L-107	1
Liquid	1000 L	264 gal	53-G 069	L-107	1



Less chemical required per cleaning

Features

- ▷ Highly concentrated - dilutable up to 1:200
- ▷ Lower energy cost, saves money
- ▷ Short term built-in corrosion inhibitors



ALUMINIUM COMPATIBILITY

AUTOMATED PARTS WASHER CLEANER & DEGREASER FOR NON-FERROUS ALLOYS

ALUSTAR 200™

Alustar™ 200 is a foamless demulsifying cleaner/degreaser that dissolves and removes thick oil, grease, lubricants, and grime from aluminum and other nonferrous alloys. Ideal for applications that are subject to strict cleaning specifications.

NSF category A8, registration #145452

Applications

- ▶ *Automated and semi-automated hot parts washers, cleaning tunnels, ultrasonic baths, turntable washers, spray cabinets, and agitated tanks*
- ▶ *Removing cutting oils after machining*



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Liquid	3.78 L	1 gal	53-G 705	L-79	1
Liquid	20 L	5.2gal	53-G 707	L-79	1
Liquid	208 L	55 gal	53-G 708	L-79	1
Liquid	1000 L	264 gal	53-G 709	L-79	1



Lower
energy cost

Benefits

- ▶ *Less chemical required per cleaning*
- ▶ *Lasts longer*
- ▶ *Saves money*
- ▶ *Lowers energy costs*

Features

- ▶ *Highly concentrated - dilutable up to 1:200*
- ▶ *Phosphate-free*
- ▶ *Biodegradable*

HEAVY-DUTY

HEAVY-DUTY AUTOMATED PARTS WASHER CLEANER & DEGREASER FOR NON-FERROUS ALLOYS

ALUSTAR 300™

Alustar™ 300 is a foamless demulsifying cleaner/ degreaser that easily dissolves and removes persistent oil, grease, lubricants and grime from aluminum, steel, and stainless steel. Excellent for heavy duty maintenance, repair, and operations cleaning applications.

NSF category A8, registration #145453

Applications

- ▶ *Automated and semi-automated hot parts washers, cleaning tunnels, ultrasonic baths, turntable washers, spray cabinets, and agitated tanks*
- ▶ *Heavy-duty maintenance, repair, and cleaning applications*

Benefits

- ▶ *Less chemical required per cleaning*
- ▶ *Lasts longer*
- ▶ *Saves money*
- ▶ *Lowers energy costs*



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Liquid	20 L	5.2 gal	53-G 757	L-106	1
Liquid	208 L	55 gal	53-G 758	L-106	1
Liquid	1000 L	264 gal	53-G 759	L-106	1



Lasts longer!

Features

- ▶ *Highly concentrated - dilutable up to 1:200*
- ▶ *Short term protection*

Corrosion inhibitor

For STAR™ and UNO™ family of aqueous cleaners
Provides additional corrosion protection when used with aqueous cleaners. Is concentrated, 100% active ingredients and is foamless.

Applications

- ▷ Use with any UNO™ and STAR™ Cleaning Solution
- ▷ Add to cleaning solution and/or rinsing water



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Sprayer	950 ml	32.1 fl.oz.	53-G 001	L-56	1
Liquid	20 L	5.2 gal	53-G 927	L-56	1
Liquid	208 L	55 gal	53-G 928	L-56	1



Features

- ▷ Non-flammable. Non-hazardous
- ▷ Solvent, phosphate and butyl-free
- ▷ Protects steel parts and equipment from flash-rust

Defoamer additive

For STAR™ and UNO™ family of aqueous cleaners
Quick and permanent foam dissipation for aqueous cleaners.
Comes concentrated with a suggested dilution rate of 0.5% to 1%.



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Sprayer	950 ml	32.1 fl.oz.	53-G 002	L-57	1
Liquid	20 L	5.2 gal	53-G 937	L-57	1



Features

- ▷ Silicone-free
- ▷ Eliminates all foaming with water-based products

Titration kit

For use with STAR™ and UNO™ family of products
High concentration cleaning solutions such as the STAR™ and UNO™ family can be diluted with water to alter the cleaning strength of the product. With the titration kit, you can easily determine the exact level of concentration of your solution to maintain a high level of cleaning productivity.

Applications

- ▷ For use with automated mechanical cleaning systems
- ▷ For immersion tank

Order No.	(M)SDS	Std. Pkg.
53-L 160	L-145 L-144	1



Proportioning system

Offers a complete system for dispensing BIO-CIRCLE® bulk aqueous cleaners. It will automatically dilute the solution and fill spray bottles, buckets and other containers.

Order No.	Std. Pkg.
53-L 162	1

Features

- ▷ 2 high flow (bucket feed)
- ▷ 2 low flow (bottle feed)
- ▷ Push button activated
- ▷ Metering tips from 350:1 to 3.5:1 at 3.5 GPM



SURFACE PREPARATION CLEANERS

Make your parts spotless before painting, priming, coating, bonding, corrosion protection, metalizing or delivery.

PRE-COATING PREPARATION SURFACE PREPARATION CLEANER

FT 200™

FT 200™ prepares metallic surfaces for painting, priming, coating, bonding, corrosion protection, metalizing, welding, and a variety of other processes. Evaporates after it's wiped off surfaces. Lasts 7x longer than traditional fast-evaporating surface preparation solvents such as acetone. **NSF category A1, registration #142612**

Applications

- ▷ Preparing metallic surfaces prior to coating
- ▷ Removal of light contaminants such as processing oils, anticorrosion oils, and light waxess

Benefits

- ▷ Increased surface coverage
- ▷ Improves adhesion quality in coating applications
- ▷ A safer alternative to traditional solvents



Improves adhesion quality in coating applications!



Plastic



Alu.



All Metals

Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Sprayer	500 ml	16.9 oz.	53-G 173	L-128	12
Liquid	20 L	5.2 gal	53-G 177	L-128	1
Liquid	208 L	55 gal	53-G 178	L-128	1

Features

- ▷ Low VOC (7% content)
- ▷ Residue-free after wiping



STAINLESS STEEL SOLUTIONS

For removing any residue from stainless steel surfaces and provide spotless finish. Cleans, shines and protects all surfaces. Excellent solvent of oils, greases, soluble ink and certain oily inks. Leaving you with no residues, streaks or stains!

SURFACE CLEANER

STAINLESS STEEL CLEANER

FT 100™

FT 100™ is a surfactant-free, fast-drying cleaning agent for light oils, dust, fingerprints, felt pen, and pencil residues. **NSF category A1, registration #154672**

Applications

- ▷ Final step before any treatment in process (painting, varnish, sealing, gluing, coating, etc.)
- ▷ Final step before showcasing a final product

Benefits

- ▷ Leaves no residue, streaks, or stains
- ▷ Ready to use



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Sprayer	500 ml	16.9 oz.	53-G 183	L-167	12
Liquid	20 L	5.2 gal	53-G 187	L-167	1
Liquid	208 L	55 gal	53-G 188	L-167	1



Leaves no **residue**, streaks or strains

Features

- ▷ Fast acting, fast drying
- ▷ VOC compliant (per CARB 310)
- ▷ Great acid neutralizer
- ▷ Surfactant-free



SURFACE CLEANER

HIGH STRENGTH STAINLESS STEEL CLEANER

E-NOX CLEAN™

E-NOX CLEAN™ is a highly concentrated gel formulation cleaner that removes tarnish, rust, and mineral deposits and brightens surfaces. Outperforms abrasives while saving time and energy.

NSF category A3, registration #142614

Applications

- ▷ Brightening stained and exposed finishes
- ▷ Cleaning of food and pharmaceutical equipment



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Gel, sprayer	500 ml	16.9 oz.	53-G 303	L-59	12
Liquid	3.78 L	1 gal	53-G 305	L-59	1
Liquid	20 L	5.2 gal	53-G 307	L-59	1
Liquid	208 L	55 gal	53-G 308	L-59	1

Fast acting and **improves efficiency**

Tech tip!

Don't forget to neutralize with STAINLESS STEEL CLEANER FT 100™

Benefits

- ▷ Fast acting
- ▷ Clean, precise application minimizes dripping
- ▷ Improves efficiency

Features

- ▷ Nonflammable
- ▷ Phosphoric acid: Free of nitric and hydrochloric acid
- ▷ Gel sticks to vertical surfaces



CLEANER & PROTECTOR

STAINLESS STEEL CLEANER & PROTECTOR

E-NOX SHINE™

E-NOX SHINE™ is a surface cleaner designed to remove light contaminants such as dust, light oils, and fingerprints prior to shipping. Creates a thin, invisible protective film to preserve the quality of your work until it reaches its final destination.

NSF category A7, C1, registration #131393

Applications

- ▷ Removing oil, carbon, light dirt, and fingerprints
- ▷ Brightening and protecting indoor finishes

Benefits

- ▷ Gives finished work a polished, flawless look

Features

- ▷ Nonflammable, silicone-free, phosphate-free
- ▷ Uniform finish, no streaking
- ▷ Ready to use



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Sprayer	500 ml	16.9 oz.	53-G 403	L-102	12
Liquid	3.78 L	1 gal	53-G 405	L-102	1
Liquid	20 L	5.2 gal	53-G 407	L-102	1
Liquid	208 L	55 gal	53-G 408	L-102	1



Gives finished work a polished, **flawless look!**

CLEANER & PROTECTOR

STAINLESS STEEL CLEANER™

Excellent solvent of oils, greases, soluble ink and certain oily inks. Leaves no residue, streaks or stains. Designed to be fast acting and fast drying.

Applications

- ▷ Stainless steel manufacturing
- ▷ Aluminum manufacturing
- ▷ Also works great on brass & copper
- ▷ Cleans and polish equipment in institutional or food processing, farm equipment or elevator doors



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	425 g	15 oz.	53-G 412	L-99	12

NEW



Benefits

- ▷ Leaves no residue, streaks or stains
- ▷ Contains no wax or harsh abrasives
- ▷ Cleans without abrasives or heavy creams

Features

- ▷ Polish, shines & protects
- ▷ Protects from rusting, corrosion and discoloration
- ▷ VOC compliant (per CARB 310)

EVAPORATING DEGREASERS

A highly effective, residue-free, fast evaporating degreaser that dissolves and removes grease, oil, and grime on contact.

GENERAL

FAST EVAPORATING DEGREASER

SLAP SHOT™

SLAP SHOT™ is a highly effective, residue-free, fast evaporating cleaner/degreaser that dissolves and removes grease, oil, and grime on contact. **NSF category K1, registration #154299 (Aerosol) #154300 (Liquids)**

Applications

- ▷ *Cleaning and degreasing for maintenance and repair*
- ▷ *Preparing surfaces for painting or relubrication*



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	500 ml	16.9 oz.	53-C 502	L-39	12
Trigger sprayer	500 ml	16.9 oz.	53-C 503	L-40	12
Liquid	5 L	1.3 gal	53-C 506	L-40	1
Liquid	20 L	5.2 gal	53-C 507	L-40	1
Liquid	200 L	52.8 gal	53-C 508	L-40	1
ACCESSORIES			Order No.		
Spout for 20 L round metal pail and 200 L metal drum 3/4" NPT			53-L 208		
Empty refillable trigger sprayer			53-L 311		



Fast acting, no residues, no rinsing!

Benefits

- ▷ *Fast acting—dissolves stubborn contaminants quickly and completely*
- ▷ *No residues, no rinsing*

Features

- ▷ *Quickly dissolves grease, oil & dirt without residues*
- ▷ *Free of chlorinated solvent*
- ▷ *Strong aerosol jet*



PLASTIC SAFE

FAST EVAPORATING DEGREASER

SLAP SHOT PL™

SLAP SHOT PL™ is a highly effective, residue-free, fast evaporating cleaner/degreaser that dissolves and removes grease, oil, and grime on contact. Specially formulated for maximum compatibility with plastics and rubber-like compounds.

Applications

- ▷ *Cleaning metal parts in presence of plastic or gaskets*
- ▷ *Removal of grease and oil*



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	400 ml	13.5 oz.	53-C 552	L-64	12

Safe on most plastics and rubbers

Benefits

- ▷ *Fast acting—dissolves stubborn contaminants quickly and completely*
- ▷ *No residues, no rinsing*

Features

- ▷ *Quickly dissolves grease, oil & dirt without residues*
- ▷ *Free of chlorinated solvent*
- ▷ *Strong aerosol jet*
- ▷ *Safe on plastics*



ELECTRONIC CONTACT CLEANING

For cleaning of instrument and equipment junctions (PLCs, printed circuit boards, vehicle fuse boxes).

NON-FLAMMABLE ELECTRONICS & ELECTRICAL EQUIPMENT CLEANER

CONTACT CLEAN™

Contact Clean™ removes grease, oil and contaminants from sensitive electronics and electrical equipment to prevent contact failure. Fast-evaporating formula dries residue-free in seconds. Safe to use on most plastics. **NSF category K2, registration #154540**

Applications

- Removing contaminants from electrical parts

Benefits

- Fast acting – dissolves stubborn contaminants quickly and completely
- Fast evaporating
- No residues, no rinsing



*Dissolves stubborn contaminants **quickly and completely!***



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	500 g	17.6 oz.	53-C 713	L-165	12

Features

- Nonconductive
- VOC compliant (per CARB 310)
- Safe on most plastics and rubbers



CLEANING, LUBRICATING AND TEMPORARY PROTECTION

A multi-functional maintenance cleaner, lubricant and protector safe to use on all metals.

CLEANER/LUBRICANT/PROTECTOR

OMNI™

Multifunctional maintenance cleaner/lubricant/protector. Excellent penetrating and lubricating capability. Protects surfaces from oxidation. **NSF category A8, registration #142610**

Applications

- ▷ Dissolving light rust and graphite
- ▷ Loosening rusted and seized hardware



Description	Size		Order No.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	480 ml	16.2 fl.oz.	53-X 002	L-73	12
Sprayer	500 ml	16.9 oz.	53-X 003	L-74	12
Liquid	3.78 L	1 gal	53-X 005	L-74	1
Liquid	20 L	5.2 gal	53-X 007	L-74	1
Liquid	208 L	55 gal	53-X 008	L-74	1
Liquid	1000 L	264.6 gal	53-X 009	L-74	1
ACCESSORIES			Order No.		
Industrial pump sprayer			53-L 120		
Spout for 20 L square plastic pail			53-L 207		
Spout for 208 L plastic drum 2" NPT			53-L 209		
Empty refillable trigger sprayer for OMNI			53-L 314		
Bio-Circle® Powercloth microfiber / Pack of 10			57-M 001		



*Cleans, penetrates, lubricates and protects **in one easy step!***

Benefits

- ▷ Cleans, penetrates, lubricates, and protects in one easy step
- ▷ Versatile – can be used for multiple maintenance applications
- ▷ Reduces rework
- ▷ Creates a safer, healthier work environment

Features

- ▷ Nonflammable, silicone-free, Teflon-free
- ▷ Dielectric strength 350 V/mil



AEROSOL CAN REFILL STATIONS

Convenient, cost effective, easy to use refillable aerosol cans. Helpful for reducing the costs associated with the disposal of harmful aerosol cans as well as your environmental impact.

CLEANER/ LUBRICANT/ PROTECTOR IN A REFILLABLE AEROSOL CAN

AIR FORCE OMNI™

- ▷ Nonflammable, silicone-free, Teflon-free
- ▷ High flash point 125 °C (275 °F)



Metric	Size		Order No.
	US Gal		
20 L	5.3 gal		53-M 012AF0BB
200 L	52.8 gal		53-M 012AF0D

PLASTIC-SAFE, FAST-EVAPORATING PARTS DEGREASER

AIR FORCE AF-PL™

- ▷ Cost-effective brake cleaner alternative
- ▷ Safe for most plastics and rubber compounds
- ▷ Non-chlorinated solvents penetrate and displace moisture



Metric	Size		Order No.
	US Gal		
20 L	5.3 gal		53-M 012AFPLP
200 L	52.8 gal		53-M 012AFPLD
20 L	5.3 gal		53-C 557
200 L	52.8 gal		53-C 558

ALL NATURAL CLEANER AND DEGREASER

AIR FORCE CB 100™

- ▷ Ready-to-use, non-caustic, non-hazardous, phosphate-free, and butyl-free
- ▷ Cuts through contaminants most solvents can't touch
- ▷ Great cleaning power at room temperature
- ▷ VOC-free



Metric	Size		Order No.
	US Gal		
208 L	55 gal		57-D 058



ACCESSORIES

Optional nozzles	Order no.
Wide spray	53-M 022
Long extension tube	53-M 052
Red nozzle-narrow spray	53-M 023
Variable spray	53-M 054
Accessories	Order no.
Air refilling station	53-M 010
Air nozzle	53-M 015
Replacement valve kit (includes 2 valves and 2 spray tips)	53-M 030
Brass screw cap	53-M 037
Replacement filling valve	53-M 039
Pail adaptor	53-M 041
Drum adaptor	53-M 038
Safety valve	53-M 025

ACCESSORIES



Threaded throw-away adaptors

Description	Order No.
For 1/8" wheels (5/8"NC)	08-B 002
For 1/4" wheels (5/8"NC)	08-B 001
For 1/2" wheels (5/8"NC)	08-B 003



Reusable adaptor kit

Description	Order No.
For depressed center wheels	08-B 031



Mandrels for ZIP wheels

Description	Order No.
Flush mandrels with 1/4" shaft	
For 2 and 3" wheels, 1/4" and 3/8" arbor	11-L 007
For 2" wheels, 5/16" arbor	11-L 001
For 3" and 4" wheels, 1/4" arbor	11-L 006
For 3" and 4" wheels, 3/8" arbor	11-L 003
General purpose mandrels with 1/4" shaft	
For 2" wheels, 3/8" arbor	11-L 008
For 2" wheels, 5/16" arbor	11-L 002
For 3" and 4" wheels, 3/8" arbor	11-L 004
with 5/16" shaft	
For 3" and 4" wheels, 3/8" arbor	11-L 005



Mandrel for finishing wheels

Description	Order No.
Plastic, 8 mm shaft, self-expanding, flush mounting for 1" thick wheels	07-C 003



1/4" shaft for TWIST backing pads

Description	Order No.
with 1/4"-20 thread	
For 2" and 3" pads	04-X 001



Clamping flanges

Description	Order No.
Clamping flanges set to mount 9" cut-off wheels on 5/8"-11 spindles	30-B 022



Mounting accessories for FX wheels

Mandrels for use on straight grinders and drills

Description	Order No.
For use with 4" FX wheels	
1/4" shaft	07-X 004
8 mm shaft	07-X 003
For use with 6" FX wheels	
1/4" shaft	07-X 006
8 mm shaft	07-X 005
Extension mandrels for use on angle grinders	
M14 x 2.0 thread	07-C 005
5/8"-11 thread	07-C 006



Two wheels can be mounted on each mandrel.

Wheel dressers

Description	Order No.
For bench grinder wheels	
Standard	12-E 001
Heavy-duty	12-E 002
Replacement wheels	
Set for 12-E 001	12-E 004
Set for 12-E 002	12-E 005



Reducer bushings

Description	Order No.
Set 3/4" wide, from 1" to 3/4", 5/8" and 1/2"	12-E 006
Set 1" wide, from 1" to 3/4", 5/8" and 1/2"	12-E 007
Pair of bushings from 1" to 7/8"	12-E 008

Extra clamping nuts

Description	Order No.
For 4" backing pads	
3/8"-24	15-D 015
For 4 1/2" and 5" backing pads	
M10 x 1.25	15-D 010
5/8"-11	15-D 014
For 6" and 7" backing pads	
5/8"-11	15-M 014
For 7" Turbo Action backing pad	
5/8"-11	15-M 014
For 4 1/2" and 5" backing pads	
15-D 144 / 15-D 154	
5/8"-11	15-D 024
For 7" backing pad	
15-D 127	
5/8"-11	15-H 025



Spacer washers

Description	Order No.
For grinders with: 5/8"-11 spindle	07-Q 001
For grinders with: M14x2.0 spindle	07-Z 005

Wire brush adaptors and mandrels

Description	Order No.
Use these threaded adaptors to convert brushes with 5/8"-11 arbor	
To M10 × 1.25 female	13-D 001
To M10 × 1.5 female	13-D 002
To 3/8"-24 female	13-D 003
To 3/8"-16 female	13-D 007
Use these mandrels for double-sided knot-twisted mounted brushes	
To fit with 13-C 303 (3/8" X 1/4")	13-D 008
To fit with 13-C 404 (1/2" X 1/4")	13-D 009



SPIN-ON performance kit

Description	Order No.
Contains 1 universal clamping nut holder for all types of clamping flanges. Allows quick and easy storage of clamping flange when not in use. Also includes 2 silicone rings.	30-B 024



Mounting flanges

Description	Order No.
5/8"-11 clamping nut for 6150, 6161, 6170, 6190, 6255, 6260, 6350 and 6360.	30-B 037
Thick backing flange for a flush fit and minimal exposure of spindle beyond the clamping nut for Walter grinders with: 5/8"-11 spindles	30-B 017



Quick release backing flange

Description	Order No.
For quick and easy removal of wheel	30-B 057
Special heat resistant silicone ring for retention of the back flange to the spindle. Package of 10.	30-B 027
Quick nut 5/8"-11	30-B 020



Carrying case

Description	Order No.
Sturdy steel carrying case with protective foam and ample room for accessories. For 6141, 6145, 6150, 6161, 6255, and 6260 grinders.	30-B 010



Flanges for flush mounting wheels

Description	Order No.
Thick backing flange for a flush fit and minimal exposure of spindle beyond the clamping nut for Walter grinders with: 5/8"-11 spindles	30-B 017
Flush mounting set (includes special flange and clamping nut)	
Complete set for a flush fit and minimal spindle exposure beyond the clamping nut, for other brands of grinders with: 5/8"-11 spindles	30-B 021
ErgoFlex mounting set	
5/8"-11 spindle	30-B 030



Spacer washers

Description	Order No.
For grinders with: 5/8"-11 spindle	07-Q 001
For grinders with: M14×2.0 spindle	07-Z 005



Pin keys

Description	Order No.
For clamping nuts	48-Z 148
For high performance rubber backing pads	48-Z 149



Side handles

Description	Order No.
4-1/2", 5" and 6", Quick-Step Big Buff and Line-Mate III	30-B 075
7" and 9"	48-M 401
Straight grinder 6145	48-L 555



Anti-vibration handle

Description	Order No.
4-1/2", 5", 6" angle grinders	30-B 075
MAXI 7" and 9"	30-B 078



Flexible shaft

Description	Order No.
For delicate finishing work with 6141 and 6145. 1/4" collet, 5 ft. long.	30-B 050



Bench mount

Description	Order No.
For use with flexible shaft, for 6141 and 6145.	30-B 002



Replacement collets

Size	Order No.
For 6141 and 6145.	
1/4"	30-B 046
1/8"	30-B 047
6 mm	30-B 048



Special "Top-Up" lubricants

Description	Order No.
For models: 6145, 6150, 6161, 6170, 6190, 6255, 6260, 6265, 6268, 6330, 6350, 6352, 6360 and 6362.	48-Z 392



Carbon brush Diamond brush seating stick

Order No.
48-Z 449



Spouts



Description	Order No.
Spout for 5 L / 1.3 gal plastic pail	53-L 113
Spout for 20 L / 5.3 gal square plastic pail	53-L 207
Spout for 200 L metal drum 3/4" NPT	53-L 208
Spout for 208 L plastic drum and 200 L / 55 gal metal drum, 2" NPT	53-L 209
Spout for 200 L metal drum, 3/4" NPT	53-L 210

* Allows to fill 500 ml trigger sprayer bottles or any other larger container directly.

Accessories for air grinders

Description	Order No.
Use these adaptors to convert accessories with 5/8"-11 arbors	

To 3/8"-16 (male)	13-D 004
To 5/16"-24 (male)	13-D 005



Use these extensions to mount accessories	
With 3/8"-24 on spindles with 3/8"-24 thread	08-B 006
With 3/8"-24 on spindles with 7/16"-20 thread	08-B 005
With 5/8"-11 on spindles with 1/2"-13 thread	08-B 008



Clamping nut for use with above extension 3/8"-24 thread, to mount grinding wheels	
With 5/8" arbor	08-B 007



Mounting flange to mount 4" type 27 grinding wheels on air grinders	
with 3/8"-24 spindle	08-B 004



Cutting guard

Size	Order No.
Designed to make all cutting operations even safer.	
7"	30-B 065
9"	30-B 066



Grinder Grip™ magnet

Strong magnet to fix your grinder to any ferrous metal surface.



Description	Order No.
Compatible with DEWALT grinder models: DWE402, DW831, DWE43066, DWE43113, DWE43114, DWE43840, DCG413B, D28065, D28402, and others	30-G 002
Compatible with MAKITA grinder models: 9005B, GA5020, 9558, GA5010, GA5043, GA6010, GA6020, 9566 and others	30-G 003
Compatible with MILWAUKEE grinder models: 6121, 6124, 6130, 2780, 6143, 6116, 6117, 6142, 2680, 2981, 2783 and others	30-G 004
Compatible with HILTI grinder models: AG500-A22, AG600-A36, AG450-7, AG500-12, AG500-7, AG500-11 and others	30-G 005

Walter industrial gloves

Made of 100% black goatskin leather, with neoprene inserts that reduce vibration. The thumb curve is made with Kevlar™.

Size	Order No.
Large	30-B 093
Extra-Large	30-B 095





Bio-Circle® POWERCLOTH™

- ▷ Ideal for streak free clean-ups
- ▷ Non-abrasive, won't scratch mirror finish, paint or clear coat



Description	Order No.	Std. Pkg.
Bag	57-M 001	10

REFILLABLE TRIGGER SPRAYERS

Practical and sturdy, all bottles are clearly identified with product specific labels showing product features, hazard information and directions for use. High-quality, resistant trigger for longest life. Transparent bottle allows you to see product level. Can be refilled hundreds of times.



INDUSTRIAL PUMP SPRAYERS

Rugged and convenient sprayers designed to effectively dispense a variety of Bio-Circle® cleaners and lubricants.

The spray pattern can easily be adjusted from a pin pointjet for accurate product dispensing to a wide fan for fast surface coverage. Viton gaskets and corrosion-proofspring for optimal chemical resistance. These thick walled polyethylene bottles feature a wide neck for easy filling hundreds of times.



Description	Size		Order No.	Std. Pkg.
	Metric	US Gal		
UNO S F dilution	950 ml	32.1 oz	53-L 158	1
UNO S F	500 ml	16.9 oz	53-L 315	1
POWER CLEANER 100	500 ml	16.9 oz	53-L 309	1
SC 400	500 ml	16.9 oz	53-L 313	1
OMNI	500 ml	16.9 oz	53-L 314	1
UNO S	500 ml	16.9 oz	53-L 335	1
E-NOX SHINE	500 ml	16.9 oz	53-L 316	1
FT 100	500 ml	16.9 oz	53-L 323	1
FT 200	500 ml	16.9 oz	53-L 322	1
E-NOX CLEAN	500 ml	16.9 oz	53-L 337	1
PRO CLEAN	500 ml	16.9 oz	53-L 341	1
SLAP SHOT	500 ml	16.9 oz	53-L 311	1
HANG-ON	500 ml	16.9 oz	53-L 331	1
COOLCUT	500 ml	16.9 oz	53-L 330	1
BOLT-OUT	500 ml	16.9 oz	53-L 332	1
CB 100	500 ml	16.9 oz	53-L 342	1
CB 100 ALU	500 ml	16.9 oz	53-L 343	1
Gold Matrix	500 ml	16.9 oz	53-L 318	1

Description	Size		Order No.	Std. Pkg.	Std. Pkg.
	Metric	US Gal			
For SC 400, PRO CLEAN, CB 100, AF-PL, FT 100, FT 200, OMNI, ALL SEASONS	900 ml	30 oz	53-L 120	1	1

ACCESSORIES

Replacement Viton gasket set	53-L 100
Replacement swirl piece (without gaskets)	53-L 114

BIO-CIRCLE®

PARTS CLEANING SYSTEM

ACCESSORIES

Parts washing basket

- 9" dia x 8 1/4" high
- 1/4" holes
- Galvanized

55-B 004



Filter cartridge

- Reusable 350 micron
- Reusable 200 micron
- Reusable 100 micron
- Disposable 100 micron
- Disposable 200 micron

55-B 011

55-B 038

55-B 036

55-B 012

55-B 021



Bio-Circle® scraper

55-B 063



Angled flow through brush

55-B 007



Disposable filter bags for Bio-Circle® machines

- 50 micron
- 100 micron
- 200 micron

55-B 041

55-B 042

55-B 043



Bio-Circle® Air Drying Gun

55-B 085



Sink lid

- For MAXI

55-B 047



Filter housing spanner

- For MAXI

55-B 035



Replacement flow-through brush

55-B 005



Stainless steel sink insert

- For MAXI

55-B 048



Casters

- For MAXI

55-B 049



CleanBox® Dip

55-D 010

Order no. for dolly: 55-B 083

SPOUTS

Tech tip!

When transferring flammable liquids, always ensure containers are grounded and follow normal safety rules.

Description	Order No.
Spout for 5 L / 1.3 gal plastic pail	53-L 113 *
Spout for 20 L / 5.3 gal square plastic pail	53-L 207 *
Spout for 20 L / 5.3 gal round metal pail and 200 L / 55 gal metal drum, (metal spout), 3/4" NPT	53-L 208 *
Spout for 208 L plastic drum and 200 L / 55 gal metal drum, 2" NPT	53-L 209 *
Spout for 200 L metal drum, 3/4" NPT	53-L 210 *

* Allows to fill 500 ml trigger sprayer bottles or any other larger container directly.

53-L 113*



5 L / 1.3 gal plastic pail

53-L 207*



20 L / 5.3 gal square plastic pail

53-L 209*
2" NPT



53-L 210*
3/4" NPT



208 L / 55 gal plastic drum



53-L 208*
3/4" NPT



200 L / 55 gal metal drum

Metal drum pump

For use with lubricants or viscous liquids



Description	Order No.
Delivers 12 oz per stroke.	53-L 115

Chrome plated drum pump

For use with aqueous or solvent based cleaners



Description	Order No.
Delivers 8 oz per stroke	53-L 116

Hand pump

For effective fluid transfer



Description	Order No.
Use with Bio-Circle®	55-B 051

THE **WALTER** **VENDING** PROGRAM



OPTIMIZED **CHOICE**

OPTIMIZED **QUANTITIES**

OPTIMIZED **INVENTORY**

OPTIMIZED **SAVINGS**



THE **WALTER** **VENDING** PROGRAM

The right tool at the click of a button.
Get the convenience of

READY-TO-GO, PRE-PACKED UNITS
ROUND-THE-CLOCK AVAILABILITY

***Get our vending program to work
for you and benefit from:***

- ▷ Pre-packed products
- ▷ Convenient single-pack quantities
- ▷ Vast product choice
- ▷ Optimized inventory

See back cover for contact details



WALTER PRODUCTS AVAILABLE

PACKS OF 5



ZIP WHEEL™ TYPE 1



Order No.	Description	Std. Pkg.	Std. Ctn.
11T042V	4-1/2X3/64 TYPE 1	5	80
11T052V	5X3/64X7/8 TYPE 1	5	80
11T062V	6X3/64X7/8 TYPE 1	5	40



ZIP WHEEL™ TYPE 27



Order No.	Description	Std. Pkg.	Std. Ctn.
11T142V	4-1/2X3/64 TYPE 27	5	80
11T152V	5X3/64X7/8 TYPE 27	5	80
11T162V	6X3/64X7/8 TYPE 27	5	80



ZIP TITAN™



Order No.	Description	Std. Pkg.	Std. Ctn.
11H042V	4-1/2X3/64 ZIP TITAN WHEELS	5	80
11H052V	5X3/64 ZIP TITAN WHEELS	5	80
11H062V	6X3/64 ZIP TITAN WHEELS	5	40

PACKS OF 5

**ZIP+ XTRA™ TYPE 1**

Order No.	Description	Std. Pkg.	Std. Ctn.
11T242V	4-1/2 x 1/16 ZIP + WHEEL	5	80
11T252V	5 X 1/16 ZIP + WHEEL	5	80
11T262V	6 X 1/16 ZIP + WHEEL	5	40

**ZIP+ XTRA™ TYPE 27**

Order No.	Description	Std. Pkg.	Std. Ctn.
11T453V	4-1/2 X 1/16 ZIP+ TYPE 27	5	80
11T503V	5 X 1/16 ZIP+ WHEELS TYPE 27	5	80
11T603V	6 X 1/16 ZIP+ TYPE 27	5	40

**TOUGH CUT™**

Order No.	Description	Std. Pkg.	Std. Ctn.
11R042V	4-1/2X3/32 A30 TOUGH CUT	5	40
11R052V	5X3/32X7/8 A30 TOUGH CUT	5	40
11R062V	6X3/32X7/8 A30 TOUGH CUT	5	20

**ZIP ONE™ TYPE 1**

Order No.	Description	Std. Pkg.	Std. Ctn.
11T542V	4-1/2x1/32 ZIP ONE WHEEL	5	80
11T552V	5"x 1/32" ZIP ONE WHEEL	5	80

**ZIP ONE™ TYPE 27**

Order No.	Description	Std. Pkg.	Std. Ctn.
11T642V	4-1/2x1/32 ZIP ONE TYPE 27	5	80
11T652V	5"x 1/32" ZIP ONE TYPE 27	5	80
11T662V	6"x 1/32" ZIP ONE TYPE 27	5	40

**ZIP STAINLESS™ TYPE 1**

Order No.	Description	Std. Pkg.	Std. Ctn.
11F042V	4-1/2X3/64 ZIP STAINLESS	5	80
11F052V	5"X3/64 ZIP STAINLESS	5	80
11F062V	6"X3/64 ZIP STAINLESS	5	40

**ZIP STAINLESS™ TYPE 27**

Order No.	Description	Std. Pkg.	Std. Ctn.
11F142V	4-1/2X3/64 ZIP ST TYPE 27	5	80
11F152V	5X3/64 ZIP STAINLESS TYPE 27	5	80
11F162V	6X3/64 ZIP STAINLESS TYPE 27	5	40

**ZIP ALU™ TYPE 1**

Order No.	Description	Std. Pkg.	Std. Ctn.
11U042V	4-1/2X3/64 ZIP ALU WHEEL	5	80
11U052V	5X3/64 ZIP ALU WHEEL	5	80
11U062V	6 X 3/64 ZIP ALU WHEEL	5	40

**ZIP ALU™ TYPE 27**

Order No.	Description	Std. Pkg.	Std. Ctn.
11U142V	4-1/2X3/64 ZIP ALU TYPE 27	5	80
11U152V	5X3/64 ZIP ALU TYPE 27	5	80
11U162V	6 X 3/64 ZIP ALU TYPE 27	5	40

**ZIP ALU™ TYPE 1**

Order No.	Description	Std. Pkg.	Std. Ctn.
11U303V	3X1/32X3/8 ALU C/O WHEEL	5	40

THE WALTER VENDING PROGRAM

PACKS OF 5

WALTER VENDING PROGRAM



COMBO ZIP™

Order No.	Description	Std. Pkg.	Std. Ctn.
11T842V	4-1/2X5/64 COMBO ZIP	5	80
11T852V	5X5/64 COMBO ZIP	5	80
11T862V	6X5/64 COMBO ZIP	5	40



ZIP™ 2" TYPE 1

Order No.	Description	Std. Pkg.	Std. Ctn.
11L202V	2X1/32X1/4 ZIP C/O WHEELS	5	40
11L203V	2X1/32X3/8 ZIP C/O WHEELS	5	40
11L211V	2X1/16X5/16 ZIP C/O WHEELS	5	40
11L212V	2X1/16X1/4 ZIP C/O WHEELS	5	40
11L213V	2X1/16X3/8 ZIP C/O WHEELS	5	40
11L221V	2X1/8X5/16 ZIP C/O WHEELS	5	40
11L223V	2X1/8X3/8 ZIP C/O WHEEL	5	40
11L231V	2X1/4X5/16 ZIP GR WHEELS	5	40
11L233V	2X1/4X3/8 ZIP C/O WHEEL	5	40
11L251V	2X1/2X5/16 ZIP GR WHEELS	5	40
11L253V	2X1/2X3/8 ZIP C/O WHEEL	5	40



ZIP™ 2 1/2" TYPE 1

Order No.	Description	Std. Pkg.	Std. Ctn.
11L262V	2.5X1/16X1/4 ZIP C/O WHEELS	5	40
11L263V	2.5X1/32X3/8 ZIP C/O WHEELS	5	40



ZIP™ 3" TYPE 1

Order No.	Description	Std. Pkg.	Std. Ctn.
11L302V	3X1/32X1/4 ZIP C/O WHEELS	5	40
11L303V	3X1/32X3/8 ZIP C/O WHEELS	5	40
11L308V	3X1/32X3/8 TYPE 27	5	40
11L312V	3X1/16X1/4 ZIP C/O WHEELS	5	40
11L313V	3X1/16X3/8 ZIP C/O WHEELS	5	40
11L316V	3X1/16X1/4 ZIP C/O WHEELS	5	40
11L317V	3X1/16X3/8 ZIP C/O WHEELS	5	40
11L322V	3X1/8X1/4 ZIP C/O WHEELS	5	40
11L323V	3X1/8X3/8 ZIP C/O WHEELS	5	40
11L333V	3X1/4X3/8 ZIP GR WHEELS	5	20
11L353V	3X1/2X3/8 ZIP GR WHEELS	5	20

ZIP™ 4" TYPE 1

Order No.	Description	Std. Pkg.	Std. Ctn.
11L402V	4X1/32X1/4 ZIP C/O WHEELS	5	40
11L403V	4X1/32X3/8 ZIP C/O WHEELS	5	40
11L405V	4X1/32X5/8 ZIP C/O WHEELS	5	40
11L406V	4X1/32X1/4 ZIP C/O WHEELS	5	40
11L408V	4X1/32X3/8 ZIP C/O WHEELS	5	40
11L412V	4X1/16X1/4 ZIP C/O WHEELS	5	40
11L413V	4X1/16X3/8 ZIP C/O WHEELS	5	40
11L415V	4X1/16X5/8 ZIP C/O WHEELS	5	40
11L417V	4X1/16X3/8 ZIP C/O WHEELS	5	40



XCAVATOR XX™ 1/8" TYPE 27

Order No.	Description	Std. Pkg.	Std. Ctn.
08X452	4.5X1/8X7/8 XCAVATOR XX	5	50
08X502	5X1/8X7/8 XCAVATOR XX	5	50
08X602	6X1/8X7/8 XCAVATOR XX	5	50
08X702	7X1/8X7/8 XCAVATOR XX	5	50
08X902	9X1/8X7/8 XCAVATOR XX	5	50

XCAVATOR XX™ 1/4" TYPE 27

Order No.	Description	Std. Pkg.	Std. Ctn.
08X450	4.5X1/4X7/8 XCAVATOR XX	5	50
08X500	5X1/4X7/8 XCAVATOR XX	5	50
08X600	6X1/4X7/8 XCAVATOR XX	5	50
08X700	7X1/4X7/8 XCAVATOR XX	5	50
08X900	9X1/4X7/8 XCAVATOR XX	5	50

PACKS OF 5

**COOLCUT XX™**

Order No.	Description	Std. Pkg.	Std. Ctn.
15X452V	4-1/2" GR24 COOLCUT XX DISCS	5	50
15X453V	4-1/2" GR36 COOLCUT XX DISCS	5	50
15X455V	4-1/2" GR50 COOLCUT XX	5	50
15X456V	4-1/2" GR60 COOLCUT XX DISCS	5	50
15X458V	4-1/2" GR80 COOLCUT XX DISCS	5	50
15X460V	4-1/2" GR100 COOLCUT XX	5	50
15X462V	4-1/2" GR120 COOLCUT XX DISCS	5	50
15X473V	4.5" GR36 COOLCUT XX/Q. CHANGE	5	50
15X475V	4.5" GR50 COOLCUT XX/Q. CHANGE	5	50
15X476V	4.5" GR60 COOLCUT XX/Q. CHANGE	5	50
15X478V	4.5" GR80 COOLCUT XX/Q. CHANGE	5	50
15X482V	4.5" GR120 COOLCUT XX/Q. CHANGE	5	50
15X502V	5" GR24 COOLCUT XX DISCS	5	50
15X503V	5" GR36 COOLCUT XX DISCS	5	50
15X505V	5" GR50 COOLCUT XX	5	50
15X506V	5" GR60 COOLCUT XX DISCS	5	50
15X508V	5" GR80 COOLCUT XX DISCS	5	50
15X510V	5" GR100 COOLCUT XX	5	50
15X512V	5" GR120 COOLCUT XX DISCS	5	50
15X523V	5" GR36 COOLCUT XX/Q. CHANGE	5	50
15X525V	5" GR50 COOLCUT XX/Q. CHANGE	5	50
15X526V	5" GR60 COOLCUT XX/Q. CHANGE	5	50
15X528V	5" GR80 COOLCUT XX/Q. CHANGE	5	50
15X532V	5" GR120 COOLCUT XX/Q. CHANGE	5	50
15X602V	6" GR24 COOLCUT XX DISCS	5	50
15X603V	6" GR36 COOLCUT XX DISCS	5	50
15X605V	6" GR50 COOLCUT XX DISCS	5	50
15X606V	6" GR60 COOLCUT XX DISCS	5	50
15X608V	6" GR80 COOLCUT XX DISCS	5	50
15X610V	6" GR100 COOLCUT XX DISCS	5	50
15X612V	6" GR120 COOLCUT XX DISCS	5	50
15X622V	6" GR24 COOLCUT XX/Q. CHANGE	5	50
15X623V	6" GR36 COOLCUT XX/Q. CHANGE	5	50
15X625V	6" GR50 COOLCUT XX/Q. CHANGE	5	50
15X626V	6" GR60 COOLCUT XX/Q. CHANGE	5	50
15X628V	6" GR80 COOLCUT XX/Q. CHANGE	5	50
15X630V	6" GR100 COOLCUT XX/Q. CHANGE	5	50
15X632V	6" GR120 COOLCUT XX/Q. CHANGE	5	50

**XTRACUT™**

Order No.	Description	Std. Pkg.	Std. Ctn.
15-A 453	4.5" GR36 SANDING DISCS	5	50
15-A 456	4.5" GR60 SANDING DISCS	5	50
15-A 458	4.5" GR80 SANDING DISCS	5	50
15-A 503	5" GR36 SANDING DISCS	5	50
15-A 506	5" GR60 SANDING DISCS	5	50
15-A 508	5" GR80 SANDING DISCS	5	50
15-A 603	6" GR36 SANDING DISCS	5	50
15-A 606	6" GR60 SANDING DISCS	5	50
15-A 608	6" GR80 SANDING DISCS	5	50
15-A 703	7" GR36 SANDING DISCS	5	50
15-A 706	7" GR60 SANDING DISCS	5	50
15-A 708	7" GR80 SANDING DISCS	5	50

**TOPCUT™**

Order No.	Description	Std. Pkg.	Std. Ctn.
15P452V	4-1/2" GR24 TOPCUT DISCS	5	50
15P453V	4-1/2" GR36 TOPCUT DISCS	5	50
15P456V	4-1/2" GR60 TOPCUT DISCS	5	50
15P458V	4-1/2" GR80 TOPCUT DISCS	5	50
15P502V	5" GR24 TOPCUT SAND DISCS	5	50
15P503V	5" GR36 TOPCUT SAND DISCS	5	50
15P506V	5" GR60 TOPCUT SAND DISCS	5	50
15P508V	5" GR80 TOPCUT SAND DISCS	5	50



THE WALTER VENDING PROGRAM



COOLCUT™

Order No.	Description	Std. Pkg.	Std. Ctn.
15C452V	4-1/2 GR24 COOLCUT DISCS	5	50
15C453V	4-1/2 GR36 COOLCUT DISCS	5	50
15C454V	4-1/2 GR40 COOLCUT DISCS	5	50
15C455V	4-1/2 GR50 COOLCUT DISCS	5	50
15C456V	4-1/2 GR60 COOLCUT DISCS	5	50
15C458V	4-1/2 GR80 COOLCUT DISCS	5	50
15C460V	4-1/2 GR100 COOLCUT DISCS	5	50
15C462V	4-1/2 GR120 COOLCUT DISCS	5	50
15C502V	5" GR24 COOLCUT SAND DISCS	5	50
15C503V	5" GR36 COOLCUT SAND DISC	5	50
15C504V	5" GR40 COOLCUT SAND DISCS	5	50
15C505V	5" GR50 COOLCUT SAND DISC	5	50
15C506V	5" GR60 COOLCUT SAND DISCS	5	50
15C508V	5" GR80 COOLCUT SAND DISCS	5	50
15C510V	5" GR100 COOLCUT SAND DISC	5	50
15C512V	5" GR120 COOLCUT SAND DISC	5	50



QUICK-STEP XX™

Order No.	Description	Std. Pkg.	Std. Ctn.
15V412V	4-1/2 GR120 QUICK STEP XX DISCS	5	50
15V418V	4-1/2 GR180 QUICK STEP XX DISCS	5	50
15V424V	4-1/2 GR240 QUICK STEP XX DISCS	5	50
15V512V	5" GR120 QUICK STEP XX DISCS	5	50
15V518V	5" GR180 QUICK STEP XX DISCS	5	50
15V524V	5" GR240 QUICK STEP XX DISCS	5	50
15V612V	6" GR120 QUICK STEP XX DISCS	5	50
15V618V	6" GR180 QUICK STEP XX DISCS	5	50
15V624V	6" GR240 QUICK STEP XX DISCS	5	50



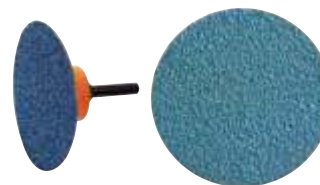
TWIST FLAP DISCS™

Order No.	Description	Std. Pkg.	Std. Ctn.
04A254V	2-1/2" FLAP DISC - GR40	2	80
04A256V	2-1/2" FLAP DISC - GR60	2	80
04A258V	2-1/2" FLAP DISC - GR80	2	80
04A262V	2-1/2" FLAP DISC - GR120	2	80



TWIST™ COOLCUT SANDING DISCS

Order No.	Description	Std. Pkg.	Std. Ctn.
04C203V	2" TWIST COOLCUT XX - GR 36	10	100
04C205V	2" TWIST COOLCUT XX - GR 50	10	100
04C206V	2" TWIST COOLCUT XX - GR 60	10	100
04C208V	2" TWIST COOLCUT XX - GR 80	10	100
04C212V	2" TWIST COOLCUT XX - GR 120	10	100
04C303V	3" TWIST COOLCUT XX - GR 36	10	100
04C305V	3" TWIST COOLCUT XX - GR 50	10	100
04C306V	3" TWIST COOLCUT XX - GR 60	10	100
04C308V	3" TWIST COOLCUT XX - GR 80	10	100
04C312V	3" TWIST COOLCUT XX - GR 120	10	100



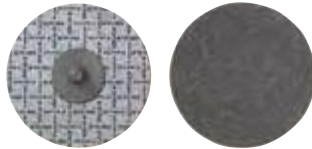
TWIST™ TOPCUT SANDING DISCS

Order No.	Description	Std. Pkg.	Std. Ctn.
04D203V	2" TOPCUT DISC - GR 36	10	400
04D205V	2" TOPCUT DISC - GR 50	10	400
04D206V	2" TOPCUT DISC - GR 60	10	400
04D208V	2" TOPCUT DISC - GR 80	10	400
04D210V	2" TOPCUT DISC - GR 100	10	400
04D212V	2" TOPCUT DISC - GR 120	10	400
04D303V	3" TOPCUT DISC - GR 36	10	200
04D305V	3" TOPCUT DISC - GR 50	10	200
04D306V	3" TOPCUT DISC - GR 60	10	200
04D308V	3" TOPCUT DISC - GR 80	10	200
04D310V	3" TOPCUT DISC - GR 100	10	200
04D312V	3" TOPCUT DISC - GR 120	10	200

PACKS OF 5

**TWIST™ BLENDEX CONDITIONING DISCS**

Order No.	Description	Std. Pkg.	Std. Ctn.
04G202V	2" BLENDEX TWIST - COARSE	5	200
04G203V	2" BLENDEX TWIST - MED	5	200
04G204V	2" BLENDEX TWIST - FINE	5	200
04G205V	2" BLENDEX TWIST - S. FINE	5	200
04G302V	3" BLENDEX TWIST - COARSE	5	200
04G303V	3" BLENDEX TWIST - MED	5	200
04G304V	3" BLENDEX TWIST - FINE	5	200
04G305V	3" BLENDEX TWIST - S. FINE	5	100

**TWIST™ BLENDEX U DISCS**

Order No.	Description	Std. Pkg.	Std. Ctn.
04U321V	3" BLENDEX U TWIST-2SF	2	20
04U322V	3" BLENDEX U TWIST-6SF	2	20
04U323V	3" BLENDEX U TWIST-6AM	2	20

**FX™ SURFACE CLEANING DISCS**

Order No.	Description	Std. Pkg.	Std. Ctn.
04L200V	2" FX DISC	2	80
04L300V	3" FX DISC	2	40

**TWIST™ FELT DISCS**

Order No.	Description	Std. Pkg.	Std. Ctn.
04T204V	2" TWIST FELT DISC	5	200
04T304V	3" TWIST FELT DISC	5	100

PACKS OF 6
PACKS OF 3 FOR
LARGER SIZES**SST™ 118° JOBBERS**
LENGTH FRACTIONAL
SINGLE PACKS SOLD IN BOXES

Order No.	Description	Std. Pkg.	Std. Ctn.
01A004A	1/16 SST JOBBER QCK SHANK	6	240
01A005A	5/64 SST JOBBER QCK SHANK	6	240
01A006A	3/32 SST JOBBER QCK SHANK	6	240
01A007A	7/64 SST JOBBER QCK SHANK	6	240
01A008A	1/8 SST JOBBER QCK SHANK	6	240
01A009A	9/64 SST JOBBER QCK SHANK	6	240
01A010A	5/32 SST JOBBER QCK SHANK	6	240
01A011A	11/64 SST JOBBER QCK SHANK	6	240
01A012A	3/16 SST JOBBER QCK SHANK	6	240
01A013A	13/64 SST JOBBER QCK SHANK	6	240
01A014A	7/32 SST JOBBER QCK SHANK	6	240
01A015A	15/64 SST JOBBER QCK SHANK	6	240
01A016A	1/4 SST JOBBER QCK SHANK	6	240
01A017A	17/64 SST JOBBER QCK SHANK	6	240
01A018A	9/32 SST JOBBER QCK SHANK	6	240
01A019A	19/64 SST JOBBER QCK SHANK	6	240
01A020A	5/16 SST JOBBER QCK SHANK	6	240
01A021A	21/64 SST JOBBER QCK SHANK	6	240
01A022A	11/32 SST JOBBER QCK SHANK	6	240
01A023A	23/64 SST JOBBER QCK SHANK	6	240
01A024A	3/8 SST JOBBER QCK SHANK	3	240
01A025A	25/64 SST JOBBER QCK SHANK	3	240
01A026A	13/32 SST JOBBER QCK SHANK	3	240
01A027A	27/64 SST JOBBER QCK SHANK	3	240
01A028A	7/16 SST JOBBER QCK SHANK	3	240
01A029A	29/64 SST JOBBER QCK SHANK	3	240
01A030A	15/32 SST JOBBER QCK SHANK	3	240
01A031A	31/64 SST JOBBER QCK SHANK	3	240
01A032A	1/2 SST JOBBER QCK SHANK	3	240



Product Listing

Order No.	Description	Page	Order No.	Description	Page
01A004A	1/16 SST JOBBER QCK SHANK	232	04A262V	2-1/2" FLAP DISC - GR120	231
01A005A	5/64 SST JOBBER QCK SHANK	232	04-C 153	TWIST COOLCUT XX 1-1/2" GR36	118
01A006A	3/32 SST JOBBER QCK SHANK	232	04-C 155	TWIST COOLCUT XX 1-1/2" GR50	118
01A007A	7/64 SST JOBBER QCK SHANK	232	04-C 156	TWIST COOLCUT XX 1-1/2" GR60	118
01A008A	1/8 SST JOBBER QCK SHANK	232	04-C 158	TWIST COOLCUT XX 1-1/2" GR80	118
01A009A	9/64 SST JOBBER QCK SHANK	232	04-C 162	TWIST COOLCUT XX 1-1/2" GR120	118
01A010A	5/32 SST JOBBER QCK SHANK	232	04-C 203	2" TWIST COOLCUT XX - GR 36	118
01A011A	11/64 SST JOBBER QCK SHANK	232	04-C 205	2" TWIST COOLCUT XX - GR 50	118
01A012A	3/16 SST JOBBER QCK SHANK	232	04-C 206	2" TWIST COOLCUT XX - GR 60	118
01A013A	13/64 SST JOBBER QCK SHANK	232	04-C 208	2" TWIST COOLCUT XX - GR 80	118
01A014A	7/32 SST JOBBER QCK SHANK	232	04-C 212	2" TWIST COOLCUT XX - GR 120	118
01A015A	15/64 SST JOBBER QCK SHANK	232	04-C 303	3" TWIST COOLCUT XX - GR 36	118
01A016A	1/4 SST JOBBER QCK SHANK	232	04-C 305	3" TWIST COOLCUT XX - GR 50	118
01A017A	17/64 SST JOBBER QCK SHANK	232	04-C 306	3" TWIST COOLCUT XX - GR 60	118
01A018A	9/32 SST JOBBER QCK SHANK	232	04-C 308	3" TWIST COOLCUT XX - GR 80	118
01A019A	19/64 SST JOBBER QCK SHANK	232	04-C 312	3" TWIST COOLCUT XX - GR 120	118
01A020A	5/16 SST JOBBER QCK SHANK	232	04C203V	2" TWIST COOLCUT XX - GR 36	231
01A021A	21/64 SST JOBBER QCK SHANK	232	04C205V	2" TWIST COOLCUT XX - GR 50	231
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