

2016

STATE-OF-THE-ART SOLUTIONS FOR THE METALWORKING INDUSTRY

WELD PREPARATION · CUTTING · GRINDING
· BLENDING · SANDING · FINISHING · BRUSHING
· TOOLING · POWER TOOLS



WALTER

Surface Technologies

Only the best.™

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Walter Surface Technologies

Walter Surface Technologies has been providing high productivity abrasives, power tools, tooling, chemical tools and environmental solutions for the metal working industry since 1952. With a focus on helping our customers work better, we have developed our Partnership in Productivity program dedicated to safety and productivity. Below, you will find more information on Walter's programs, including the Bucket Program, Productivity Reports, Safety Seminars and Product Demonstrations.

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, thus maximizing every dollar spent on consumables.



Productivity Reports

Documented costs savings to positively impact your business

Accompanying every Bucket Program analysis is a detailed productivity report comparing Walter products to competitive products in terms of yearly usage, material 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.



Safety Seminars

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 Abrasive Safety Seminar or the Chemical Safety Seminar that you are interested in, Walter works with you to customize the perfect training for your team.



Product Demonstration

Our team is trained to listen and provide innovative solutions that answer customers' needs. With local representatives and complete geographic coverage of the United States, our team can perform an on-site evaluation and show you how to make your fabricating and finishing process more effective.



The Money Maker Guarantee

Walter's Money Maker Guarantee certifies that all Walter products are designed, manufactured and sold with our total commitment to 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 if you are not completely satisfied. That is our guarantee.



INNOVATION has been at Walter's core since its founding more than 63 years ago. Over the years, the company has continuously evolved, consistently developing better performing, leading-edge products for the metalworking industry. The relentless pursuit of innovation – in both products and services – has helped cement Walter as a market leader in industrial metalworking.

Walter works tirelessly to offer you only the best products. Our goal is to help you work safely and more productively, while offering the most cost effective solutions. In the 2016 catalog, you will find Walter's latest series of innovations for the metalworking industry.

Discover the new Surfox™ SMART Passivation Tester in the Walter Surface Measurement Systems section. Incredibly fast and easy to use, it also offers accurate data and picture storage, as well as simple report building to provide a documented guarantee of passivation. You will also discover Walter's brand new ZIP TiTAN™ thin cut-off wheels, designed to help you cut faster while working with different metals. These are only a few of the innovations you will discover across the following pages.

We invite you to learn more about these great new products in this catalog, as well as on our website www.walter.com. Our goal remains unchanged: to serve you more efficiently, safely, and to always bring you *only the best*.

Michael Christodoulou

President and COO

Walter Surface Technologies





SURFOX™ SMART PASSIVATION TESTER

Guarantee passivation of stainless steel surfaces

Test your workpiece to guarantee passivation with the world's first wireless passivation tester. Using Bluetooth technology, the device easily connects to your smartphone for testing and seamlessly logs the results in the cloud for easy data analysis, management and report building. Ship your products with confidence by ensuring your stainless steel pieces are passivated with the SURFOX™ Smart Passivation Tester.

For more information see pg. 21



SURFOX™ SMART PRO MARKING KIT

The SURFOX™ Smart Pro Marking Kit makes marking stainless steel surfaces faster and easier. With a stand-alone printer, simply connect a USB stick with your image or logo and print the marking stencil instantaneously. Quick, easy-to-use, and effective for etching or marking.

For more information see pg. 19



SURFOX™ WAND

Walter has developed a new wand available for the SURFOX™ 304 system with a more ergonomic design and a new quick-change system that makes it much easier to change accessories. The new wand will enable users to more easily access intricate areas and is more comfortable to use.

For more information see pg. 11



ZIP TiTAN™ AND CHOPCUT TiTAN™

Best solution for cutting titanium and brass

The optimal solution when working with titanium and brass materials, trust the new ZIP TiTAN™ and CHOPCUT TiTAN™ which are designed specifically for exceptional cutting efficiency in these metals. ZIP TiTAN™ and CHOPCUT TiTAN™ cut freely without overheating the work piece, preserving the mechanical properties and surface integrity of the material being cut.

For more information see pg. 39 (ZIP TiTAN) and pg. 46 (CHOPCUT TiTAN)

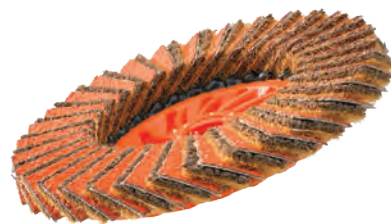
NEW 2016

ENDURO-FLEX™ 2-IN-1 TURBO

The most versatile and fastest finishing disc on the market

Achieving a paint-ready finish 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. The flap disc is available in both 4.5" and 5" diameters. Incorporating Walter's Cyclone™ Technology and high-tech Blendex™ Technology, the result is a smooth finish and product life that is unsurpassed.

For more information see pg. 69



TOPCUT™

Top of the line in finishing applications

TOPCUT™ now features a new formulation consisting of a higher concentration of zirconia alumina, resulting in increased life and a more aggressive removal rate. Reduce your inventory and decrease your cycle time with the new and improved TOPCUT.

For more information see pg. 76

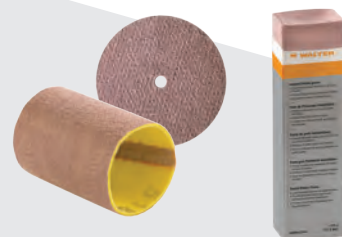


INSTANT POLISH™

One-step solution to achieving a #8 mirror finish

Use Walter's Instant Polish™ line of finishing abrasives, a breakthrough innovation and the first of its kind in the industry, to achieve a #8 mirror finish faster than ever before. Polishing paste is already applied on the product, saving time and making it very easy to use. The Instant Polish™ line is available in three distinct formats: Quick-Step Instant Polish™ Discs, Instant Polish™ Belts, and as a stand-alone Instant Polish™ Paste.

For more information see pg. 88



AIR FORCE AF-WELD™ HT

High temperature anti-spatter solution

AF-WELD™ HT is a unique, high performing anti-spatter solution that protects workpieces from the adherence of weld spatter in high energy applications, such as welding stainless steel. This reduces or even eliminates costly spatter removal operations. The system combines AF-WELD 3™ with the Air Force™ refilling station and eliminates the disposal of aerosol cans.

For more information see pg. 32





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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



Grey for concrete and ductile



Charcoal for carbide



Titanium



Dark grey for mill scale



Light grey for hard metal



Wheel grade

Bond type, grain type and grain size

Warning

When using SPIN-ON quick mounting system

Dimensions

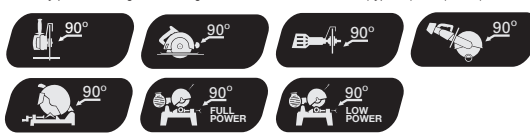
Diameter, thickness, bore

More information

Consult WALTER website for complete safety information
www.walter.com/safety

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 retain for reordering. 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 better monitor production for more 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

VOC are products containing potentially toxic levels of VOC's. 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 VOC's.



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.



CAS - Clean Air Solvent Certification

The Clean Air Act Solvent Certification is delivered by the SCAQMD (South Coast Air Quality Management District in California). They are committed to protect the health of residents of this area and are among the most strict around the world.

A welder wearing safety glasses and black gloves is using a SURFOX 304 MIG & TIG torch to work on a large, curved metal component in a factory setting. The background shows industrial equipment and another worker. A semi-transparent orange and white graphic overlay is on the right side of the image.

WELD PREP & POST TREATMENT

INNOVATIVE PRODUCTS
FOR WELDING

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-to-use:** Pour your SURFOX electrolyte into the reservoir and start cleaning

Electrochemical Weld Cleaning Systems for Stainless Steel

The SURFOX electrochemical weld cleaning system is a safe, fast and easy-to-use method for removing heat tint from welded stainless steel (TIG, spot and pulsed MIG) without altering the surface finish. SURFOX promotes the formation of a uniform and durable passive chromium oxide 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.

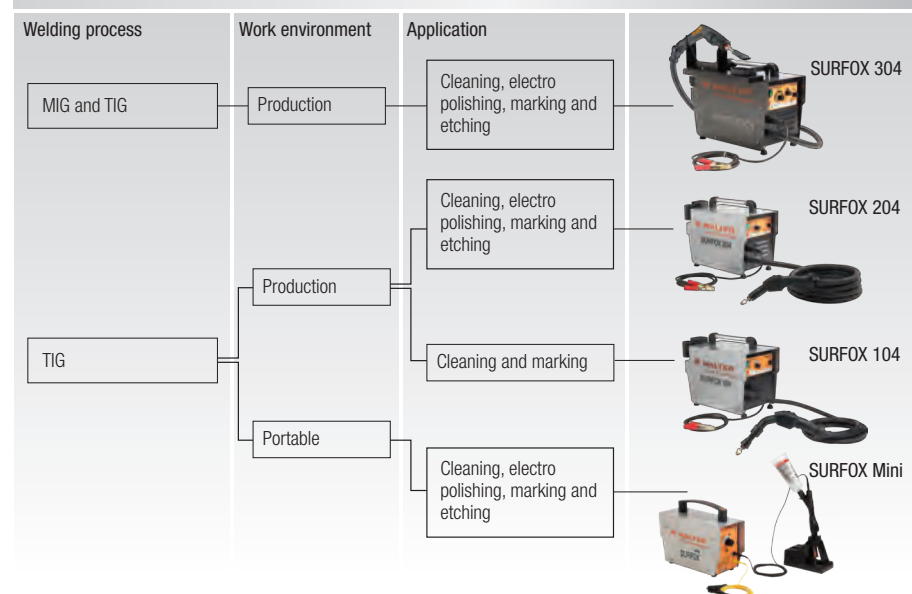
SURFOX VIDEO



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for more details

SURFOX Systems



NEW

SURFOX™ WAND

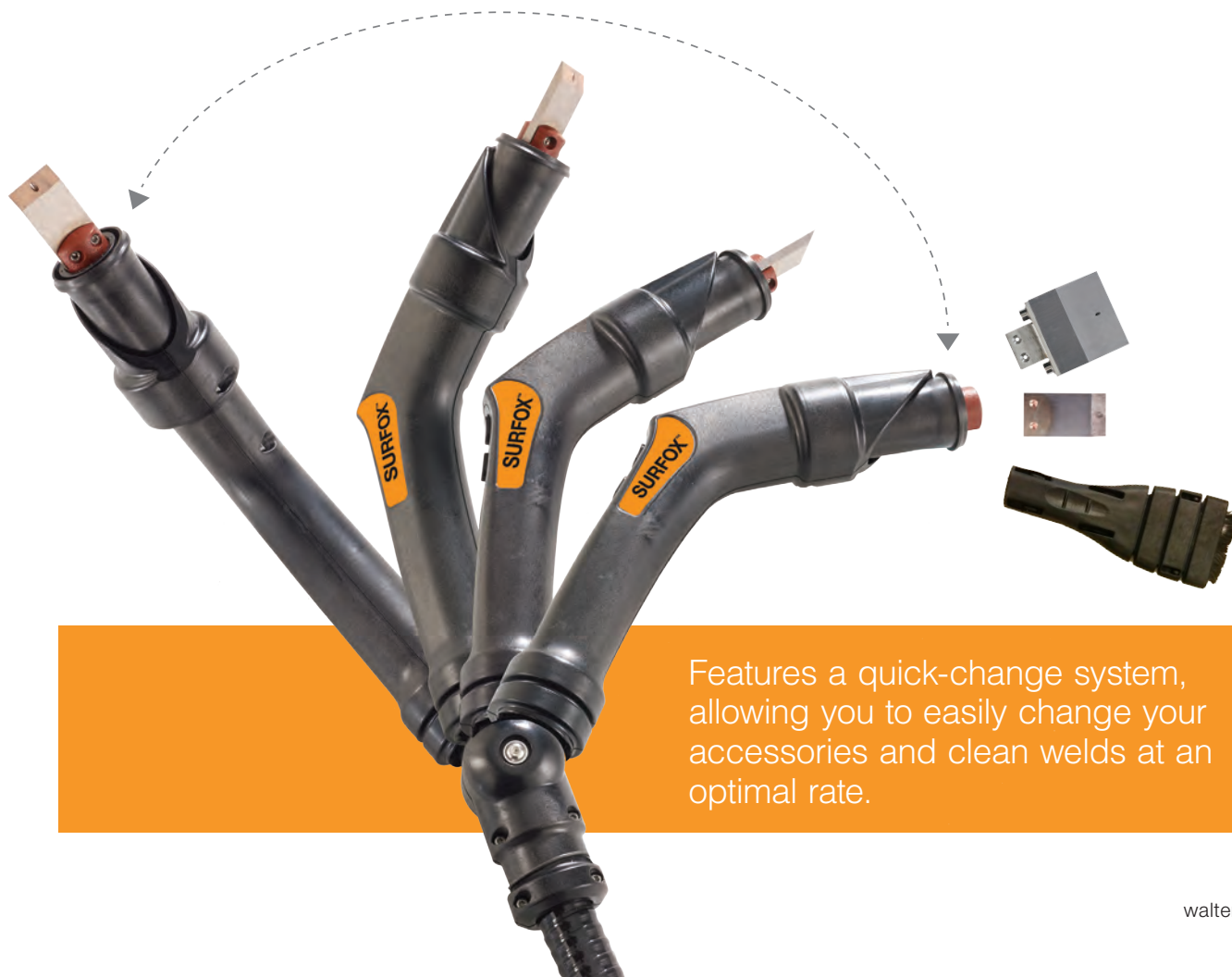
Comfortable and easy to use

The SURFOX™ 304 will soon feature a redesigned wand. This wand is more ergonomic for easier operation and features an articulated joint allowing for a greater range of motion. It also employs a new quick-change system, making it easier than ever to switch between different accessories.

The articulated wand allows for greater range of motion and is much easier to use



Available Spring 2016



Features a quick-change system, allowing you to easily change your accessories and clean welds at an optimal rate.



SURFOX™ 304 MIG & TIG

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

The SURFOX 304 is our new patented electrochemical weld cleaning system for stainless steel. It quickly and easily removes heat tint from the heat-affected zone of MIG, TIG and spot welds, cleaning the surface and allowing passivation 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.

VIDEO



www.walter.com

Features and benefits

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

SURFOX 304 unit specifications

Order No.	Electrical		Dimensions			Tank capacity	Length of hose	Weight
	Input	Output	Length	Width	Height			
54-D 314	120 V, 50/60 Hz, 8.0 A	12-30 V AC/DC, 30 A max	20.66"	9.84"	14.57"	64.2 oz	13'	48.5 lbs

Standard equipment:

1 x Tungsten insert (48-R 133), 3 x standard high conductivity cleaning pads (54-B 026), 1 x Clamp ring (54-B 002), 1 x Surfox 304 carbon fiber brush (54-B 105), 1 x adaptor for Surfox 304 brush (54-B 099), 1 x ground cable (48-R 136), 1 x user guide, 1 x DVD, 1 x carrying case

Accessories for SURFOX™ 304



Tungsten insert 90°

Order No.: 48-R 133

Use with cleaning pads 54-B 026 or 54-B 040 and clamp ring 54-B 002 or boot 54-B 005 or 54-B 055



Narrow tungsten insert 90°

Order No.: 54-B 017

Use with cleaning pads 54-B 028 or 54-B 041 and clamp ring 54-B 020 or boot 54-B 007 or 54-B 057



Large graphite insert for SURFOX 204 and 304

Order No.: 54-B 009

45 mm W - Ideal for surface renewing or restoring, and to clean the back of MIG welds



SURFOX 304 carbon fiber brush with a teflon ring

Order No.: 54-B 105



SURFOX 304 carbon fiber brush with removable rings for cleaning MIG welds

Order No.: 54-B 115



Tungsten insert 60°

Order No.: 54-B 016

Use with cleaning pad 54-B 027 and clamp ring 54-B 002 or boot 54-B 006 or 54-B 056



Narrow tungsten insert 60°

Order No.: 54-B 018

Use with cleaning pad 54-B 028 and clamp ring 54-B 020 or boot 54-B 008 or 54-B 058



Reusable brush adaptor for large wand on SURFOX 304

Order No.: 54-B 099



Large pad for graphite insert on SURFOX 304

Order No.: 54-B 052
Pack of 5

Tungsten insert kit for SURFOX 104, 204 and 304

Order No.: 54-B 012

Includes:

- 1 x 48-R 133
- 1 x 54-B 017
- 1 x 54-B 016
- 1 x 54-B 018



Wand holder for SURFOX 304

Order No.: 54-B 114

SURFOX™ 204 AND 104

These industrial weld cleaning systems feature extensive safety and productivity features to minimize consumable use and provide economical cleaning and passivation of stainless steel TIG & spot welds. These are production models designed for every day use.



SURFOX™ 204

Added versatility & safety features

Exclusive to SURFOX 204

- ▷ **Built-in fume elimination system** (requires a compressed air line)
- ▷ **Switchable output:**
 - AC Mode: cleaning & marking
 - DC Mode: polishing & etching



SURFOX™ 104

Standard production unit for TIG & spot welds

SURFOX 204 & 104 Features

- ▷ **Integrated electrolyte tank to prevent spilling and cross contamination**
- ▷ **Manual & automatic pump settings**
- ▷ **Self-regulating inverter board to ensure maximum cleaning effectiveness & minimum downtime**
- ▷ **Electrical outlet for optional marking kit (sold separately)**

Unit specifications

Model	Order No.	Electrical		Dimensions			Tank capacity	Length of hose	Weight
		Input	Output	Length	Width	Height			
204	54-D 214	120 V, 50/60 Hz, 4.0 A	10-30 V AC/DC, 15 A max	18.5"	9.75"	15"	64.2 oz	13'	38 lbs
104	54-D 114	120 V, 50/60 Hz, 4.0 A	12-30 V AC, 15 A max	18.5"	9.75"	15"	64.2 oz	13'	36.4 lbs

Standard equipment for 54-D 214:

1 x Tungsten insert (48-R 133), 3 x standard high conductivity cleaning pads (54-B 026), 1 x clamp ring (54-B 002), 1 x ground cable (48-R 136), 1 x user guide, 1 x DVD, 1 x carrying case

Standard equipment for 54-D 114:

1 x Tungsten insert (48-R 133), 3 x standard high conductivity cleaning pads (54-B 026), 1 x clamp ring (54-B 002), 1 x drip guard for SURFOX 104 (54-B 003), 1 x ground cable (48-R 136), 1 x user guide, 1 x DVD, 1 x carrying case

Accessories for SURFOX 204 and 104



Tungsten insert 90°

Order No.: 48-R 133

Use with cleaning pads 54-B 026 or 54-B 040 and clamp ring 54-B 002, or boot 54-B 005 or 54-B 055



Tungsten insert 60°

Order No.: 54-B 016

Use with cleaning pad 54-B 027 and clamp ring 54-B 002 or boot 54-B 006 or 54-B 056



Narrow tungsten insert 90°

Order No.: 54-B 017

Use with cleaning pads 54-B 028 or 54-B 041 and clamp ring 54-B 020, or boot 54-B 007 or 54-B 057



Narrow tungsten insert 60°

Order No.: 54-B 018

Use with cleaning pad 54-B 028 and clamp ring 54-B 020 or boot 54-B 008 or 54-B 058



Large graphite insert for SURFOX 204 and 304

Order No.: 54-B 009

45 mm W - Ideal for surface renewing or restoring, and to clean the back of MIG welds



Wand holder for SURFOX 204

Order No.: 54-B 094



Wand holder for SURFOX 104

Order No.: 54-B 104



Large pads for graphite insert on SURFOX 204

Order No.: 54-B 043

90 mm L X 50 mm W X 2 mm T
Pack of 10 with O-ring



Drip guard for SURFOX 104

Order No.: 54-B 003



Tungsten insert kit for SURFOX 104, 204 and 304

Order No.: 54-B 012

Includes:

1 x 48-R 133
1 x 54-B 017
1 x 54-B 016
1 x 54-B 018



The SURFOX Mini comes equipped with a unique cartridge refilling pump. You can easily refill cartridges and save money by buying SURFOX electrolyte solutions in bulk packaging.



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 productivity. Excellent for use on repairs, touch-ups and small jobs.

Unit specifications

Model	Order No.	Electrical		Dimensions			Tank capacity	Length of hose	Weight
		Input	Output	Length	Width	Height			
Mini	54-D 054	120 V, 50/60 Hz, 4.0 A	12-30 V AC/DC, 15 A max	12"	4.5"	8.86"	-----	-----	8.4 lbs

Standard equipment:

1 micro-wand (48-R 285), 1 x micro-wand holder (48-R 286), 1 x micro wand holder extension sleeve (48-R 460), 1 x narrow tungsten insert (54-B 038), 1 x narrow cleaning pad (54-B 028), 1 x clamp ring (54-B 020), 1 x carbon fiber micro-brush (54-B 029), 1 x manual refilling pump (54-B 092), 1 x ground cable (48-R 283), 1 x user guide, 1 x DVD, 1 x carrying case

Accessories for SURFOX MINI



Tungsten insert 90°

Order No.: 54-B 036

Use with cleaning pads 54-B 026 or 54-B 040 and clamp ring 54-B 002, or boot 54-B 005



Tungsten insert 60°

Order No.: 54-B 037

Use with cleaning pad 54-B 027 and clamp ring 54-B 002 or boot 54-B 006



Large graphite insert for Micro-Wand

Order No.: 54-B 048

35 mm W - Ideal for surface renewing or restoring, and to clean the back of MIG welds



Narrow tungsten insert 90°

Order No.: 54-B 038

Use with cleaning pads 54-B 028 or 54-B 041 and clamp ring 54-B 020, or boot 54-B 007



Narrow tungsten insert 60°

Order No.: 54-B 039

Use with cleaning pad 54-B 028 and clamp ring 54-B 020 or boot 54-B 008



Large pads for SURFOX Mini large graphite

Order No.: 54-B 051

Pack of 10 with O-ring

Electrolyte straw

Order No.: 48-R 294

10 per package



Tungsten insert kit for MINI SURFOX

Order No.: 54-B 042

Includes:

1 x 54-B 036
1 x 54-B 037
1 x 54-B 038
1 x 54-B 039



Cartridge refiller

Order No.: 54-B 092



SURFOX SOLUTIONS

SURFOX-G™

pH neutral electrolyte solution

Must be used with the high conductivity pads:
54-B 026, 54-B 027 or 54-B 028.

NSF category A3, registration #146974

- ▶ **Great for cleaning TIG and Spot welds on stainless steel**
- ▶ **pH neutral, non-acidic**
- ▶ **Less fumes than acid-based solutions**
- ▶ **Non-corrosive**
- ▶ **Salt-based**
- ▶ **Compatible with all SURFOX machines**
- ▶ **Lower environmental impact**



SURFOX-T™

Heavy-duty formula

For maximum performance, use
with the high conductivity pads:
54-B 026, 54-B 027 or 54-B 028.

NSF category A3, registration #142984

- ▶ **Quickly cleans MIG and TIG welds on stainless steel**
- ▶ **Preferred formula for SURFOX 304**
- ▶ **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**



Description	Size		Order No.	SDS	Std Pkg
	Metric	US Gal			
Cartridge	100 ml	3.4 oz	54-A 061	S-14E	1
Liquid	1.5 L	51 oz	54-A 065	S-10E	4
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



Description	Size		Order No.	SDS	Std Pkg
	Metric	US Gal			
Cartridge	100 ml	3.4 oz	54-A 001	S-01E	1
Liquid	1.5 L	51 oz	54-A 005	S-01E	4
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



Description	Size		Order No.	SDS	Std Pkg
	Metric	US Gal			
Sprayer	500 ml	16.9 oz	54-A 023	S-03E	12
Liquid	5 L	1.3 gal	54-A 026	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

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.	SDS	Std Pkg
	Metric	US Gal			
Sprayer	500 ml	16.9 oz	54-A 073	S-13E	12
Liquid	5 L	1.3 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

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*
- ▶ *Removal of 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*

Tech tip!

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



Description	Size		Order No.	SDS	Std Pkg
	Metric	US Gal			
Sprayer	500 ml	16.9 oz	54-A 083	S-11E	12
Liquid	5 L	1.3 gal	54-A 086	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

SURFOX™ SHINE

Cleaner and protector for stainless steel

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

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 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.	SDS	Std Pkg
	Metric	US Gal			
Sprayer	500 ml	16.9 oz	54-A 093	S-12E	12
Liquid	5 L	1.3 gal	54-A 096	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

* Special order item; call for pricing and availability

SURFOX PADS

High conductivity cleaning pads

Designed for use with SURFOX-G and SURFOX-T



Standard cleaning pad
Order No.: 54-B 026
 1.8" L x 0.9" W x 0.15" T
 Use with inserts 48-R 133
 and 54-B 036
 10 per package plus
 clamp ring



Inside corners cleaning pad
Order No.: 54-B 027
 2.3" L x 1.4" W x 0.07" T
 Use with inserts 54-B 016
 and 54-B 037
 10 per package plus
 clamp ring



Narrow cleaning pad
Order No.: 54-B 028
 1.8" L x 0.9" W x 0.07" T
 Use with inserts 54-B 017,
 54-B 018, 54-B 038
 and 54-B 039
 10 per package plus
 clamp ring

High conductivity cleaning boots

Designed for use with SURFOX-G and SURFOX-T



Cleaning boot for inside corners 90°
Order No.: 54-B 055
 Use with inserts 48-R 133 or 54-B 036
 10 per package



Cleaning boot for inside corners 60°
Order No.: 54-B 056
 Use with inserts 54-B 016 or 54-B 037
 10 per package



Narrow cleaning boot 90°
Order No.: 54-B 057
 Use with inserts 54-B 017 or 54-B 038
 10 per package



Narrow cleaning boot 60°
Order No.: 54-B 058
 Use with inserts 54-B 018 or
 54-B 039
 10 per package

Cleaning boots kit
Order No.: 54-B 059
 Includes: 10 of each boot 54-B 055,
 54-B 056, 54-B 057 and 54-B 058

Classic cleaning pads

Designed for use with SURFOX-T liquid only



Standard cleaning pad
Order No.: 54-B 040
 Use with inserts 48-R 133
 and 54-B 036
 10 per package (1 clamp ring included)



Narrow cleaning pad
Order No.: 54-B 041
 Use with inserts 54-B 017
 and 54-B 038
 10 per package (1 clamp ring included)

Classic cleaning boots

Designed for use with SURFOX-T liquid only



Cleaning boot for inside corners 90°
Order No.: 54-B 005
 Use with inserts 48-R 133
 and 54-B 036, 5 per package



Cleaning boot for inside corners 60°
Order No.: 54-B 006
 Use with inserts 54-B 016
 and 54-B 037, 5 per package



Narrow cleaning boot 90°
Order No.: 54-B 007
 Use with inserts 54-B 017
 and 54-B 038, 5 per package



Narrow cleaning boot 60°
Order No.: 54-B 008
 Use with inserts 54-B 018
 and 54-B 039, 5 per package

OTHER SURFOX ACCESSORIES

For all models



Narrow clamp ring for narrow pads
Order No.: 54-B 020
 Use with narrow inserts 54-B 017, 54-B 018, 54-B 038 and 54-B 039
 10 per package



Clamp ring for cleaning pads
Order No.: 54-B 002
 Use with inserts 48-R 133, 54-B 016, 54-B 036 and 54-B 037
 10 per package



SURFOX Powercloth
Order No.: 54-B 090



SURFOX MINI brush with built-in adaptor
Order No.: 54-B 029



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



SURFOX MINI brush with plastic cylindrical sleeve
Order No.: 54-B 117



Reusable spare brush adaptor for SURFOX MINI Micro-Wand
Order No.: 54-B 100



SURFOX MINI Micro-Wand and Tungsten insert kit
Order No.: 54-B 033
 With Tungsten Inserts and Pads for cleaning corners and intricate areas



12' long cable for SURFOX MINI Micro-Wand
Order No.: 48-R 458



SURFOX-N refillable trigger sprayer

Clearly identified with product specific labels showing product features, GHS information and directions for use.

Desc.	Size		Order No.	Std Pkg
	Metric	US Gal		
SURFOX-N	500 ml	16.9 oz	53-L 339	1

SURFOX station

Order No.: 54-B 050

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



SURFOX MARKING KITS

SURFOX™ SMART PRO MARKING KIT

NEW & IMPROVED

Go ahead, make your mark!

The SURFOX™ Smart Pro Marking Kit makes marking stainless steel surfaces faster and easier than ever before. With just a stand-alone printer (no computer required), simply connect a USB stick with your image or logo, and print the marking stencil instantaneously. Quick, easy-to-use, and effective for etching or marking.

Whether you want to apply a permanent logo, UPC code, label, or anything else to your stainless steel surface, the SURFOX™ Smart Pro Marking Kit is the solution.

SMART PRO MARKING KIT AND PRINTER

Order no. 54-B 084

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

The PRO kit includes:

- Marking wand and power cable
- 20 pack of 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 & 20 meter roll of stencil paper
- packaged in a professional & sturdy case





STANDARD MARKING KIT

Order no. 54-B 080

The standard kit requires the use of permanent stencils ordered from WALTER.

The standard kit includes:

- Marking wand and power cable
- 20 pack of 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 casing



Permanent stencils

Many sizes are available. These stencils are ideal for the marking of your company logo and address as well as other recurring information from one part to another. They can be reused hundreds of times if well maintained. For increased durability, neutralize the stencil with SURFOX-N and rinse after use and store in a sealable jar of water.

Accessories for marking kits



SURFOX-M marking solution
100 ml squeeze bottle
NSF category P1,
registration #146175
No. 54-A 031

Also available in
1.3 gal container
No. 54-A 036



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



O-rings
Pack of 5
No. 54-B 089



Stencil paper roll
4 in x 65 ft
No. 54-B 086
4 in x 164 ft
No. 54-B 087



Marking pads
Pack of 20
No. 54-B 083



Graphite marking insert
No. 54-B 088



Power cable
No. 54-B 063



Marking wand
No. 54-B 082

SURFACE MEASURING SYSTEMS



NEW

SURFOX™ SMART 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 a protective layer of chromium oxide exists on your stainless steel surface – the essential ingredient that guarantees your stainless steel will resist corrosion.

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

Avoid costly re-work and rejected pieces and ship your products with confidence. With the SURFOX™ Smart Passivation Tester you rely on the most innovative and easy-to-use technology on the go.

SURFOX™ SMART PASSIVATION TESTER

How it works

Using Bluetooth technology, the device easily connects to your smartphone and seamlessly logs your reports into the “Walter Cloud”, a secure online database set-up for easy data management, analysis, and report building.

- ▷ **Easy-to-use**
- ▷ **Wireless device**
- ▷ **Bluetooth-enabled**
- ▷ **Smart Phone compatible**
- ▷ **Test data stored in a cloud-based database**
- ▷ **Quickly generate reports**
- ▷ **Monitor, measure and guarantee the passivation level on workpieces or finished goods**
- ▷ **Exceed customers' standards**
- ▷ **Minimize costly downtime caused by rework**
- ▷ **Non-destructive test method – will not damage stainless steel piece when used properly***

*Requires neutralization with SURFOX-N

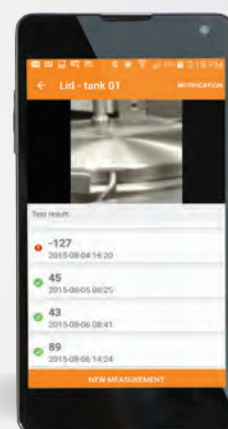
Bluetooth | Wi-Fi



Easy login from your phone or tablet. Simply download the free SURFOX app from the Apple store or Google Play store.



Set the probe on a stainless steel surface and click “start” to begin the process and automatically sync.



Results are measured and stored within seconds.



Set specific locations to test and associate the data with these points.



Stay organized with the ability to securely and confidentially store results by customer or part on the Walter Cloud platform.

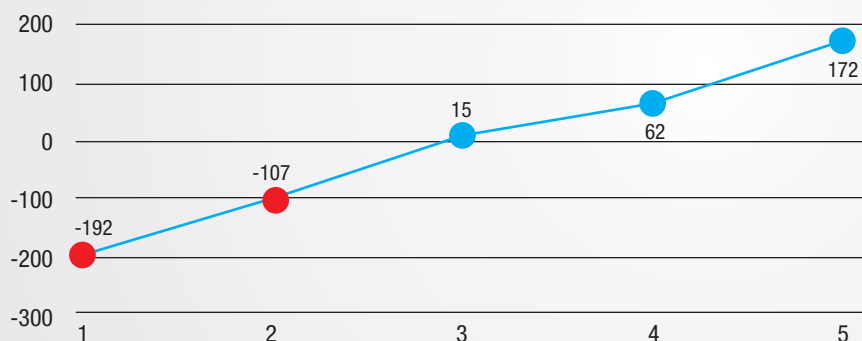




Access your projects and data easily through the Walter Cloud without the need for printouts or land connections. Simply go on www.smart.surfox.com



Monitor the evolution over time.



***Reduce unnecessary downtime caused by rework.
Guarantee your customers that parts are protected
from rust and corrosion.***



Provide documented proof of passivation once completed!

Attach copies and other related documents to your project files and certify your work to your customers in an efficient manner.



**SURFOX™
SMART PASSIVATION TESTER**
Order No. 54-T 011

Accessories

Replacement cartridge	Order No. 54-A 050
White felt tips (pkg 5)	Order No. 54-B 046

VIDEO



www.walter.com



STAINLESS STEEL GRADE IDENTIFICATION TESTER

Easily identify which type of stainless steel you are working with

Order No. 54-T 001

There are countless types of stainless steels, mainly grouped in 3 categories or grades: 200, 300 and 400.

Since it is visually impossible to differentiate between 200, 304, 316 and 400 grade stainless steel, Walter provides a test kit that allows customers to instantly identify the grade of stainless steel.

Kit includes:

- Testing device
- Molybdenum reagent (100 ml)
- Blotting paper
- A sturdy carrying case

Benefits:

- ▷ **Monitor, measure and guarantee the passivation level on workpieces or finished goods**
- ▷ **Improve your quality control process**
- ▷ **Minimize costly downtime caused by rework**
- ▷ **Meet customers' standards for passivation to take on new work and grow your business**
- ▷ **Record and store information**



Accessories

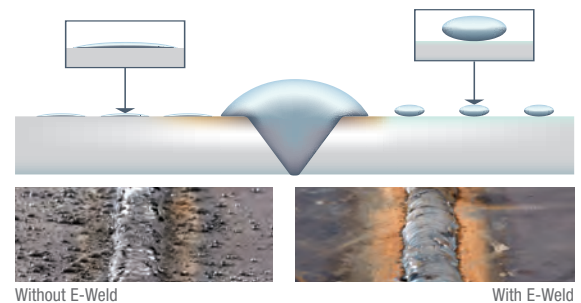
Manganese reagent
Blotter papers (pkg 100)
White felt tips (pkg 5)
Molybdenum reagent (100 ml)

Order No. 54-A 052
Order No. 54-B 044
Order No. 54-B 045
Order No. 54-A 051

WELD PREPARATION ANTI-SPATTER

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 it lands on, 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 work piece. However, by leveraging an anti-spatter solution before you begin welding, you can eliminate the time and cost of using abrasives to remove weld spatter.



Why use WALTER E-WELD anti-spatter solutions?

As a company who is consistently looking to increase your productivity while reducing your costs, 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 & safety.



E-WELD anti-spatter selection chart

Required protection	Amperage range	Advantages	
Nozzle protection	Very high temp	Ceramic / Resists to up to 1832° F (1000° C)	E-WELD Nozzle
	High temp	Magnetic tin; gel can be applied without clogging nozzles	E-WELD Gel
Anti-spatter	100-400 Amps Very high temp	Multi pass, stainless steel, cleaning surface prior to welding	E-WELD 3
	100-225 Amps high temp	Corrosion protection and reduced porosity	E-WELD 4
		Corrosion protection	AF-WELD
			E-WELD



Protect welding nozzles
for up to 8 hours

VIDEO



How to properly install
and use E-WELD Nozzle



Tech tip!

E-WELD Nozzle cannot be applied to a pre-heated nozzle, so be sure to apply it at the beginning of your shift or after switching to a new nozzle.

E-WELD NOZZLE

Total nozzle protection for the 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 1832° F) and reduce your consumable spend.

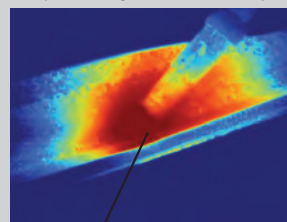
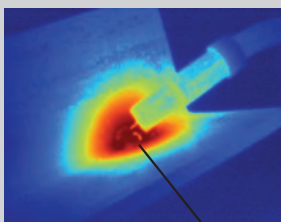
- ▷ No weld contamination
- ▷ Helps prevent weld porosity
- ▷ No time lost on scraping spatter from nozzle prior to welding



Nozzle using E-Weld Nozzle



Nozzle fully clogged
(not using E-Weld Nozzle)



High temperature zones
Keeps nozzle cooler for best protection

Unique self-dispensing applicators
easily dispenses highly concentrated
ceramic coating

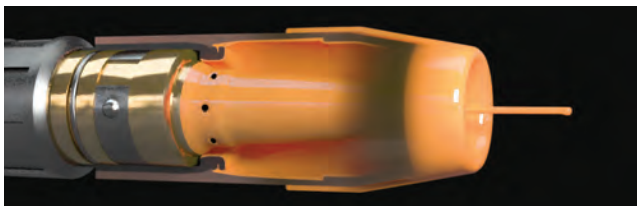
- ▷ Economical
- ▷ Improves weld quality and reduces rejection rate
- ▷ Only a thin layer needed (up to 100 applications per can)
- ▷ Extends the life of nozzles
- ▷ Eliminates the frequent need for spatter removal & eventual replacement
- ▷ Superior life and more solution per can compared to competitive products

Description	Size		Order No.	SDS	Std Pkg
	Metric	US Gal			
Aerosol	400 ml	13.5 fl. oz.	53-F 212	F-156E	6
Applicator			53-L 121		1

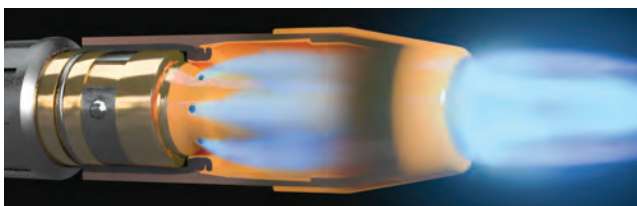
Color: Orange

NOZZLE PROTECTION TO AVOID SPATTER BUILD-UP

With E-WELD Nozzle



E-WELD Nozzle coats the exterior and interior of the nozzle, the contact tip and the diffuser to avoid spatter from adhering, thus preventing obstruction.

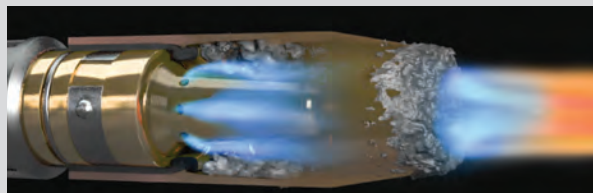


This allows the gas to flow freely and heat the wire consistently.



The end result is a high quality weld which results in virtually no rejected pieces.

Without E-WELD Nozzle



During the welding process, welding nozzles and tips get clogged with hot spatter, which fuses to the nozzle. This prevents the shielding gas from flowing freely and heating the wire evenly.



The end-result is an inconsistent, lower quality weld with a higher rejection rate.



**Results in
virtually no
rejected
pieces!**



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



E-WELD GEL™

Anti-spatter gel

Superior anti-spatter gel for protecting welding nozzles and contact tips.

Benefits

- ▷ Extends welding torch life
- ▷ Fast, easy cleaning of nozzles and contact tips
- ▷ Free of chlorinated compounds and silicone

Features

- ▷ Protection of the inside and outside of welding nozzles and contact tips
- ▷ Odorless
- ▷ Packaging height is designed to prevent clogging of gas diffusers in welding nozzles

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

Color: Translucent



E-WELD™

General purpose anti-spatter emulsion

E-WELD is a safe, natural solution that protects the work piece from weld spatter to keep you from having to perform time-consuming, costly rework.

Features

- ▷ Corrosion resistant
- ▷ Allows for immediate painting
- ▷ VOC-free, solvent-free and silicone-free, biodegradable, non-flammable
- ▷ Formulation based on natural plant extracts
- ▷ Odorless
- ▷ Effective welding amperage range: 100-225A



Description	Size		Order No.	SDS	Std Pkg
	Metric	US Gal			
Aerosol	400 ml	13.55 oz	53-F 002	L-10E	12
Sprayer	500 ml	16.9 oz	53-F 203	L-21E	12
Liquid	5 L	1.3 gal	53-F 206	L-21E	1
Liquid	20 L	5.2 gal	53-F 207	L-21E	1
Liquid	208 L	55 gal	53-F 208	L-21E	1

Color: Milky green



E-WELD 3™

High temperature anti-spatter solution

E-WELD 3 is a high performance anti-spatter solution that both cleans the work piece and protects it from high energy spatter, eliminating an extra step in the welding process while avoiding costly rework.

NSF category P1, registration #145451

Tech tip!

Only requires a thin protective film to prevent spatter adhesion.



Benefits

- ▷ Cleans and degreases weld area
- ▷ Allows multi pass welding
- ▷ Allows immediate painting

Features

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



Description	Size		Order No.	SDS	Std Pkg
	Metric	US Gal			
Sprayer	500 ml	16.9 oz	53-F 253	L-46E	12
Liquid	5 L	1.3 gal	53-F 256	L-46E	1
Liquid	20 L	5.2 gal	53-F 257	L-46E	1
Liquid	208 L	55 gal	53-F 258	L-46E	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

- ▷ Will not contribute to weld porosity
- ▷ No weld cracking
- ▷ Corrosion resistant
- ▷ Allows for immediate painting

Features

- ▷ VOC-free, solvent-free, silicone-free and biodegradable
- ▷ Formulation based on natural plant extracts
- ▷ Pleasant citrus scent
- ▷ Effective welding amperage range: 100 – 225A



Description	Size		Order No.	SDS	Std Pkg
	Metric	US Gal			
Sprayer	500 ml	16.9 oz	53-F 403	L-147E	12
Liquid	5 L	1.3 gal.	53-F 406	L-147E	1
Liquid	20 L	5.2 gal.	53-F 407	L-147E	1
Liquid	208 L	55 gal.	53-F 408	L-147E	1

Color: Light green

INDUSTRIAL PUMP SPRAYERS

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 are GHS compliant and feature a wide neck for easy refilling.

Description	Size		Order No.	Std Pkg
	Metric	US Gal		
E-Weld	900 ml	30.4 oz	53-L 101	1
E-Weld 3	900 ml	30.4 oz	53-L 105	1
E-Weld 4	900 ml	30.4 oz	53-L 107	1

REFILLABLE TRIGGER SPRAYERS

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

Description	Size		Order No.	Std Pkg
	Metric	US Gal		
E-Weld	500 ml	16.9 oz	53-L 321	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



Tech tip!

Best choice for welding on steel surfaces.





AIR FORCE AF-WELD™

Premium anti-spatter system

Air Force AF-Weld is a state of the art anti-spatter which protects workpieces from the adherence of spatter. AF-Weld is the only anti-spatter on the market which will help you perform porosity-free, crack-free welds while drastically reducing your environmental impact. Compressed air is the only propellant, and you eliminate the disposal of empty aerosol cans and all the associated costs.

AF-Weld anti-spatter retracts in the presence of heat, leaving the immediate welding area clean and void of liquid. This effectively prevents anti-spatter from chemically interacting with the weld pool during fusion, which can cause porosity and weld rejection. AF-Weld improves productivity and weld quality!

NSF category P1, registration #145454

Benefits

- ▷ **Porosity-free welds**
- ▷ **No weld cracking**
- ▷ **Corrosion resistant**
- ▷ **Allows for immediate painting**

Features

- ▷ **VOC-free, solvent-free and silicone-free, biodegradable**
- ▷ **Formulation based on natural plant extracts**
- ▷ **Pleasant citrus scent**
- ▷ **2.6 gal innovative bag-in-box packaging for low environmental impact**
- ▷ **Large drum format for even greater cost savings!**
- ▷ **Effective welding amperage range: 100-225A**

Value-added

- ▷ **Create a healthier and safer work environment**
- ▷ **Reduce your chemical waste stream**
- ▷ **Lower operating costs**
- ▷ **Increase quality of welds**
- ▷ **Increase welder productivity**



Description	Size		Order No.	SDS	Std pkg
	Metric	US Gal			
Bag-in-box	10 L	2.6 gal	57-F 005	L-141E	1
Drum	208 L	55 gal	57-F 008	L-141E	1
Refillable sprayer bottle	300 ml	10 oz	57-B 110	L-141E	1
Replacement valve kit			57-B 001		1
Straw filter for refillable sprayer bottle			57-B 003		

AIR FORCE AF-WELD™ KITS

A unique, cost efficient and eco-friendly anti-spatter system

The system combines AF-WELD with the Air Force refilling station to eliminate the disposal of aerosol cans. It refills and pressurizes reusable aerosol cans with AF-WELD and compressed air. The system is designed to prevent overfilling, making it an extremely cost effective and easy-to-use solution.

Benefits

- ▷ *The Air Force station is safe, convenient, effective and very easy-to-use*
- ▷ *The safety and cost-effectiveness of bulk packaging*
- ▷ *Convenience of aerosols*
- ▷ *No more disposal of hazardous aerosol cans*
- ▷ *Environmentally friendly*

Did know...

A 10L (2.6 gal) bag-in-box of AF-Weld anti-spatter replaces as many as 36 aerosol cans! Air Force AF-Weld reduces costs associated to storage, handling and disposal.



Air Force AF-WELD Bag-In-Box - Starter kit

Order no. 57-D 110 K

Includes:

- Use of Walter Air Force station*
- 4 x 2.6 gal. boxes of AF-WELD liquid (57-F 005)
- 2 x refillable AF-WELD bottles (57-B 110)
- Customer Service help desk
- Walter's commitment to Life Cycle Stewardship of the Air Force station
- Free shipping



4x

2x

Air Force AF-WELD Drum - Starter kit

Order no. 57-D 210 K

Includes:

- Use of Walter Air Force station*
- 1 x 55 gal. of AF-WELD liquid (57-F 008)
- 6 x refillable AF-WELD bottles (57-B 110)
- Customer Service help desk
- Walter's commitment to Life Cycle Stewardship of the Air Force station
- Free shipping



1x

6x



Effective amperage range: 100 – 400 A



Description	Size		Order No.	SDS	Std pkg
	Metric	US Gal			
Bag-in-box	10 L	2.6 gal	57-F 055	L-136E	1
Drum	208 L	55 gal	57-F 058	L-136E	1
Refillable sprayer bottle	300 ml	10 oz	57-B 115	L-136E	6
Replacement valve kit			57-B 001		1
Straw filter for refillable sprayer bottle			57-B 003		

AIR FORCE AF-WELD™ HT

High temperature anti-spatter solution

AF-Weld HT is a unique, high performing anti-spatter solution that protects workpieces from the adherence of high energy spatter, such as spatter produced while welding stainless steel or as a result of plasma or laser cutting. This helps to reduce or even eliminate costly spatter removal operations.

Ideal for

- ▷ Multiple pass welding
- ▷ Thin sheet welding
- ▷ Stainless steel welding
- ▷ Pre-heated workpieces

Benefits

- ▷ Multi-functional product, can be used as a degreaser to prepare surfaces prior to welding
- ▷ Allows for immediate painting
- ▷ VOC-free, solvent-free, silicone-free and biodegradable
- ▷ Odorless

NEW



Air Force AF-WELD HT Bag-in-Box - Starter kit

Order no. 57-D 120K

Includes:

- Use of Walter Air Force station*
- 4 x 2.6 gal. box of AF-WELD HT liquid (57-F 055)
- 2 x refillable AF-WELD HT bottles (57-B 115)
- Customer Service help desk
- Walter's commitment to Life Cycle Stewardship of the Air Force station
- Free shipping



4x

2x

Air Force AF-WELD HT Drum - Starter kit

Order no. 57-D 220 K

Includes:

- Use of Walter Air Force station*
- 1 x 55 gal. drum of AF-WELD HT liquid (57-F 058)
- 6 x refillable AF-WELD HT bottles (57-B 115)
- Customer Service help desk
- Walter's commitment to Life Cycle Stewardship of the Air Force station
- Free shipping



1x

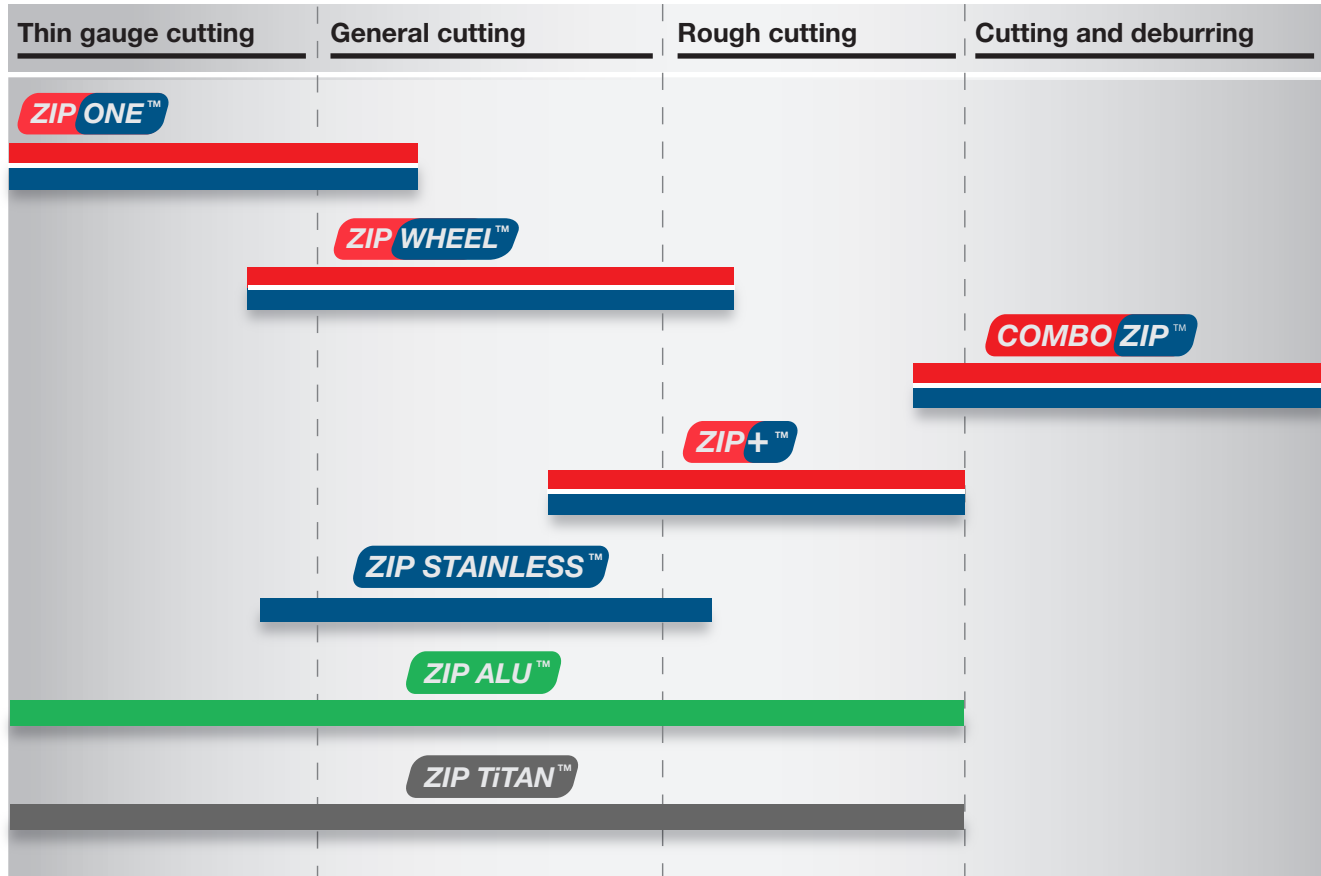
6x

CUTTING

CUTTING EDGE
PRODUCTS FOR
UNSURPASSED
RESULTS



ZIP Wheel Family of products



● Steel ● Stainless steel ● Aluminum ● Titanium



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 inserts that reduces vibrations. The thumb curve is made with Kevlar™, a natural anti-slip solution. Simply put, these gloves are the toughest, safest and most comfortable to help you get the job done.

Large
Extra-large

Order No.
30-B 093
30-B 095

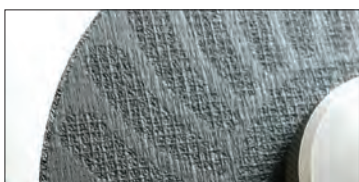
ZIP WHEEL | FEATURES

Why are Walter thin cut-off wheels “only the best” in the industry today?



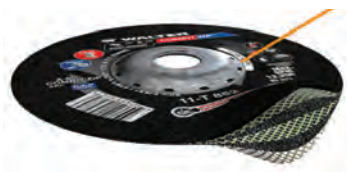
Exclusive Packaging

Walter's cut-off wheels are sold in a unique, practical, and reusable plastic container that preserves their physical properties, leading to enhanced performance, safety, and durability.



Rib Design

Walter's rib design features raised ribs to reduce friction on the surface for a freer and cooler cut. With reduced side friction and heat, the cut-off wheel will cut faster, last longer and perform at an optimal rate.



Triple Reinforcement (Combo Zip™)

3 layers of reinforcement and a metal cladding on the wheel's hub provide maximum safety. This feature allows the cut-off wheel to bear the force of lateral pressure, meaning users can safely do some light grinding/deburring.



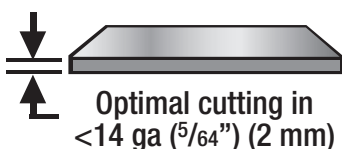
Type 27 Narrow Crown design on 4.5" and 5" wheels

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.



Metal Cladding on Type 27 wheels for added safety

Metal hub cladding prevents contact with the workpiece, improving safety. Also provides extra strength and control.



Ultra-Thin Zip One™

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



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.

*You work hard producing the best product
in the industry, without compromising on
performance or safety.*



When "Only the best" will do.



ZIP™ WHEEL

Setting new standards for cut-off wheels

- ✓ Longest life guaranteed
- ✓ The most cuts per wheel in the industry
- ✓ Less friction and faster cutting

Faster, cooler and free cutting with WALTER ZIP Wheels.

VIDEO



walter.com

 **WALTER**
Surface Technologies

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 the lowest cost-per-cut in the industry.

TYPE 1



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

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

TYPE 1



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

TYPE 27



Dia.	Thickness	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
4 1/2"	3/64" (.045")	7/8"	11-T 142	A-60-ZIP	13,300	25	400
5"	3/64" (.045")	7/8"	11-T 152	A-60-ZIP	12,200	25	200
6"	3/64" (.045")	7/8"	11-T 162	A-60-ZIP	10,200	25	200
7"	1/16" (.062")	7/8"	11-T 172	A-30-ZIP	8,600	25	100
9"	5/64" (.078")	7/8"	11-T 192	A-30-ZIP	6,600	25	100

Accessory

Reducer bushing 7/8" to 5/8"

Order No. 10-A 984

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

Order No. 30-B 021



Thick backing flange for Walter grinders that do not have a built-in stabilizer:

5/8"-11 spindles Order No. 30-B 017



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

Order No. 30-B 022



The lowest cost-per-cut in the industry

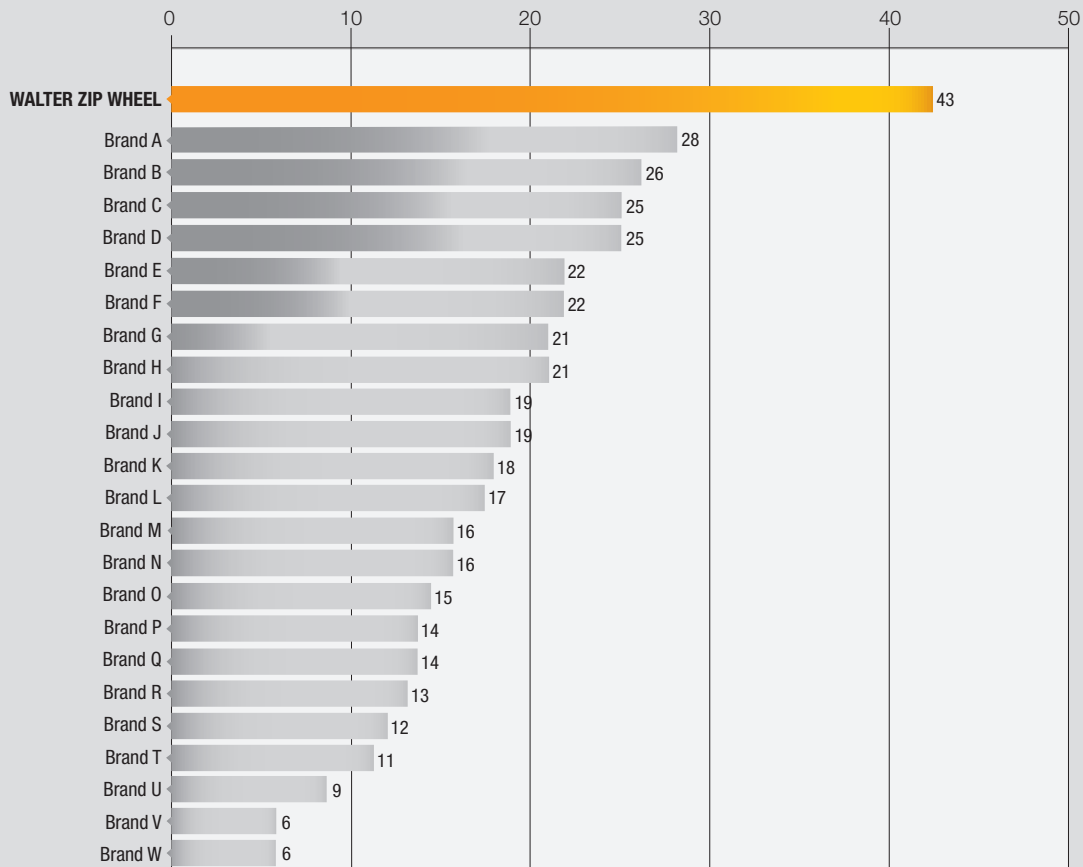


- ▷ Significantly more cuts than the competition*
- ▷ Less friction and faster cutting

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

ZIP WHEEL - Comparison test of 5" cutting wheels

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



WALTER EXCLUSIVE NARROW CROWN ON 4-1/2" AND 5" DEPRESSED CENTER THIN CUT-OFF WHEELS



The Type 27 Narrow Crown is an 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. This technology is now incorporated in all Type 27 4-1/2" and 5" ZIP WHEEL, ZIP+, ZIP STAINLESS and ZIP ALU cutting wheels, making these cutting wheels last up to 30% longer than previous versions.



**Prevents contact with the workpiece
and therefore improves safety**

- ▷ **Make more cuts than ever before**
- ▷ **Best of both worlds; get the extra life of a flat Type 1 wheel with the extra stiffness of a depressed center wheel**
- ▷ **Metal cladding for maximum safety**



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 5/8"-11 threaded hub that reduces vibration and reduces the time spent on wheel change outs.

*Quick and easy change-outs
for minimal downtime*

- ▷ Perfectly centered wheel for total operator comfort
- ▷ Vibration-free cutting for maximum life, safety and productivity
- ▷ Faster, easier wheel change-outs to reduce downtime

SPIN-ON TYPE 27							
Dia.	Thickness	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
4 1/2"	3/64" (.045")	5/8"-11	11-T 342	A-60-ZIP	13,300	25	200
5"	3/64" (.045")	5/8"-11	11-T 352	A-60-ZIP	12,200	25	100
6"	3/64" (.045")	5/8"-11	11-T 362	A-60-ZIP	10,200	25	200



VIDEO



www.walter.com

ZIP TiTAN™

NEW

New solution for cutting titanium and brass

For the best solution when working with titanium and brass materials, trust the new ZIP TiTAN™. It cuts through titanium and brass without overheating these metals, preserving the mechanical properties and surface integrity of the material being cut. Get more cuts per wheel and faster, freer cuts with ZIP TiTAN™.

- ▷ Longer life and optimal cutting performance in titanium and brass
- ▷ Unique formulation which prevents metal from overheating

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



ZIP+ XTRA™**NEW**

Straighter cuts on thick material

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

TYPE 1

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

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

TYPE 27

Dia.	Thickness	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/16" (.062")	7/8"	11-T 453	A-46-ZIP	13,300	25	400
5"	1/16" (.062")	7/8"	11-T 503	A-46-ZIP	12,200	25	400

TOUGH CUT™

Performance cutting with angle grinders

These wheels cut fast and free without binding to minimize the load on the tool 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

Reducer bushing 7/8" to 5/8"

Order No. 10-A 984



Choose ZIP+ XTRA for the toughest projects!

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

▶ Type 27 wheels are equipped with a metal hub cladding for extra strength, control and safety

▶ The preferred wheel for flush cutting in confined spaces

VIDEO



www.walter.com





Extra thin for ultra precision cutting

- ▷ 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



Check out our high efficiency cordless ZIPWHEEL CUTTER Tool! Ideal for jobs on-site or remote locations.

Order No. 34-A 949

VIDEO



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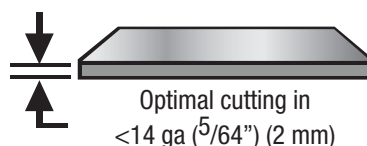
ZIP ONE™

Specially designed 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.

Type 1:

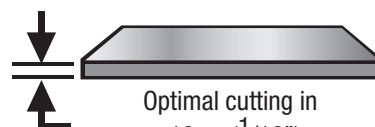
Max. Thickness: 8 ga (3/16")



Optimal cutting in
<14 ga (5/64") (2 mm)

Type 27:

Max. Thickness: 11 ga (1/8")



Optimal cutting in
<16 ga (1/16")

TYPE 1

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

TYPE 27

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





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



- ▶ Best wheel life and extra fast cutting in aluminum



ZIP STAINLESS™

Guaranteed not to contaminate stainless steel

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

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

TYPE 27

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

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.	Thickness	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.	Thickness	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



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

COMBO ZIP

Fast and 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.

TYPE 27

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



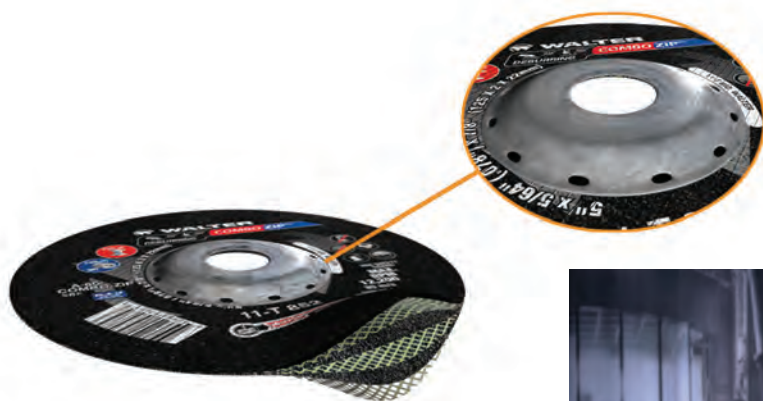
SPIN-ON TYPE 27

Dia.	Thickness	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	5/64" (.078")	5/8"-11	11-T 844*	A-60-COMBO ZIP	13,300	25	200
5"	5/64" (.078")	5/8"-11	11-T 854*	A-60-COMBO ZIP	12,200	25	200
6"	5/64" (.078")	5/8"-11	11-T 864*	A-60-COMBO ZIP	10,200	25	200

*SPECIAL ORDER ONLY. Call for pricing and availability.



3 layers of reinforcement and metal cladding on hub for maximum safety



VIDEO



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Excellent 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

VIDEO



www.walter.com

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 $\geq 1/8"$. For grinding applications, $\geq 1/2"$ is recommended.

2" TYPE 1



Fe-S-Cl <0.1%

Dia.	Thick.	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
2"	1/16"	5/16"	11-L 211	A-24-ZIP	30,600	25	200
2"	1/8"	5/16"	11-L 221	A-24-ZIP	30,600	25	200
2"	1/4"	5/16"	11-L 231	A-24-ZIP	30,600	25	200
2"	1/2"	5/16"	11-L 251	A-24-ZIP	30,600	25	200
2"	1/16"	3/8"	11-L 213	A-24-ZIP	30,600	25	200
2"	1/8"	3/8"	11-L 223	A-24-ZIP	30,600	25	200
2"	1/4"	3/8"	11-L 233	A-24-ZIP	30,600	25	200
2"	1/2"	3/8"	11-L 253	A-24-ZIP	30,600	25	200

3" TYPE 1



Fe-S-Cl <0.1%

Dia.	Thick.	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
3"	1/32"	1/4"	11-L 302	A-60-ZIP	25,470	25	200
3"	1/16"	1/4"	11-L 312	A-24-ZIP	25,470	25	200
3"	1/8"	1/4"	11-L 322	A-24-ZIP	20,000	25	200
3"	1/32"	3/8"	11-L 303	A-60-ZIP	25,470	25	200
3"	1/16"	3/8"	11-L 313	A-24-ZIP	25,470	25	200
3"	1/8"	3/8"	11-L 323	A-24-ZIP	20,000	25	200
3"	1/4"	3/8"	11-L 333	A-24-ZIP	20,000	25	100
3"	1/2"	3/8"	11-L 353	A-24-ZIP	20,000	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-ZIP	19,100	25	200
4"	1/16"	3/8"	11-L 413	A-24-ZIP	19,100	25	200
4"	1/8"	3/8"	11-L 423	A-24-ZIP	15,300	25	200
4"	1/4"	3/8"	11-L 433	A-24-ZIP	15,300	25	100
4"	1/2"	3/8"	11-L 453	A-24-ZIP	15,300	25	100
4"	1/32"	5/8"	11-L 405	A-60-ZIP	19,100	25	200
4"	1/16"	5/8"	11-L 415	A-24-ZIP	19,100	25	200

Fe-S-CI
<0.1%**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-ZIP	25,470	25	200
4"	1/32"	3/8"	11-L 408**	A-60-ZIP	19,100	25	200

Fe-S-CI
<0.1%

* 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-ZIP-ALU	25,470	25	200
4"	1/32"	3/8"	11-U 403	A-60-ZIP-ALU	19,100	25	200

**Type 27 wheels:**

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



- ▶ Best wheel life and extra fast cutting in aluminum

Mounting accessories**Flush mandrels with 1/4" shaft**

for wheel thickness up to 1/8"

Order No.

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"

Order No.

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 in
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
- ▷ The wheel of choice for tubing and extrusions
- ▷ Longer life for the toughest applications



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



- ▷ Optimal cutting performance in titanium and brass
- ▷ Unique formulation which prevents metal from overheating

NEW

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-HC+	5,100	10	50
14"	3/32"	1"	10-Q 143	A-30-HC+	4,400	10	50
16"	7/64"	1"	10-Q 163	A-30-HC+	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-ALU	5,100	10	50
14"	3/32"	1"	10-L 143	A-30-ALU	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")	7/8"	10-H 143	C-30	4,400	10	50
16"	9/64" (.14")	7/8"	10-H 163	C-30	3,800	10	30

RIPCUT™

Versatile cutting on stationary cut-off machines

Available in several styles, these heavy 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



Fe-S-CI
<0.1%



Dia.	Thick.	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
12"	1/8"	1"	10-B 123	A-24-FC	5,100	10	50
14"	1/8"	1"	10-B 143	A-24-FC	4,400	10	30
16"	5/32"	1"	10-B 163	A-24-FC	3,800	10	30
18"	3/16"	1"	10-B 183	A-24-FC	3,400	10	20
20"	3/16"	1"	10-B 203	A-24-FC	3,000	5	10
24"	1/4"	40 mm	10-B 246	A-24-FC	2,550	5	10

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-RIP	5,100	10	50
14"	1/8"	1"	10-A 143	A-24-RIP	4,400	10	30
16"	5/32"	1"	10-A 163	A-24-RIP	3,800	10	30
18"	3/16"	1"	10-A 183	A-24-RIP	3,400	10	20
20"	3/16"	1"	10-A 203	A-24-RIP	3,000	5	10
20"	3/16"	40 mm	10-A 206	A-24-RIP	3,000	5	10
24"	1/4"	40 mm	10-A 246	A-24-RIP	2,550	5	10

RIPCUT STAINLESS

Stainless

TYPE 1



Fe-S-CI
<0.1%



Dia.	Thick.	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
12"	1/8"	1"	10-C 123	A-36-SS	5,100	10	50
14"	1/8"	1"	10-C 143	A-36-SS	4,400	10	30
16"	5/32"	1"	10-C 163	A-36-SS	3,800	10	30
20"	3/16"	1"	10-C 203	A-36-SS	3,000	5	10
20"	3/16"	40 mm	10-C 206	A-36-SS	3,000	5	10

Accessories

Reducer bushings

From:	To:	Order No.
40 mm	1 1/2"	10-A 992
40 mm	1 1/4"	10-A 991
40 mm	1"	10-A 990
1"	20 mm	10-A 989

From:	To:	Order No.
1"	7/8"	10-A 988
1"	3/4"	10-A 987
1"	5/8"	10-A 986
1"	1/2"	10-A 985



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)

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

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





- ▷ General purpose cutting of steel and cast iron



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



- ▷ New formulation of high performance abrasive grains and resin
- ▷ Longer life than ever before
- ▷ Heavily reinforced for maximum safety and smoothness

PORTACUT™

Performance and safety on 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™

Performance rail cutting with gas and electric power saws

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.

TYPE 1



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

Accessories

Reducer bushings

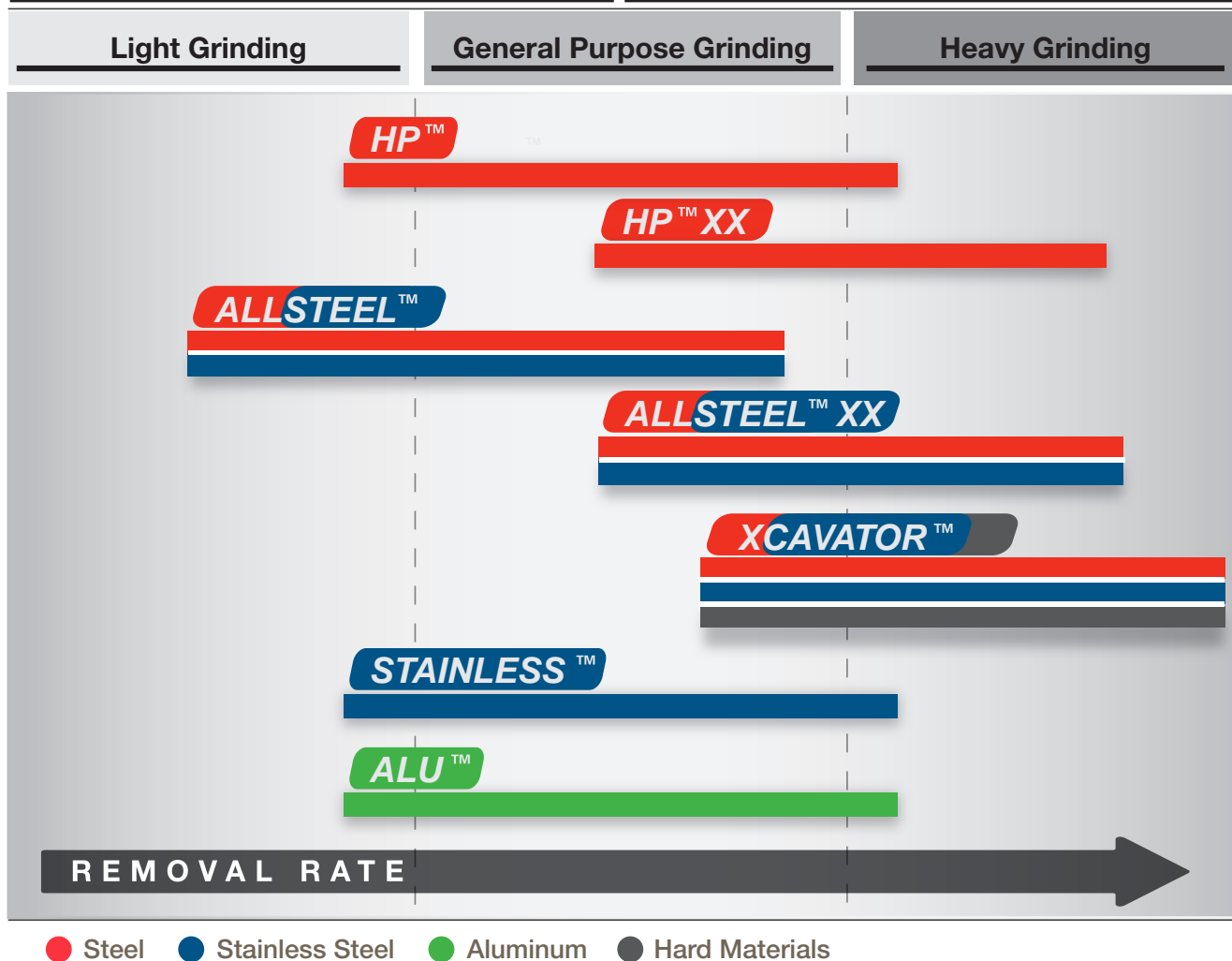
From	1" to 20 mm	Order No. 10-A 989
	1" to 7/8"	Order No. 10-A 988

GRINDING

SUPERIOR DESIGN
FOR ALL TYPES
OF SURFACES



GRINDING WHEELS *Family of products*



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

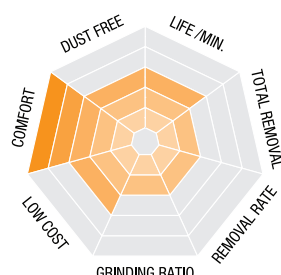
Exclusive
to WALTER





*Smooth grinding
with an aggressive,
controlled bite*

- ▷ High performance wheels grind off metal quickly
- ▷ Long wheel life
- ▷ The wheel of choice to reduce operator fatigue when grinding for long periods of time



Tech tip!

Type 28 grinding wheels can be used at a shallower working angle for maximum operator comfort



1/4" HP™

High performance & exceptional comfort for long periods of grinding

HP has set new industry benchmarks in general purpose grinding on steel. With an abrasive grain formula engineered for greater hardness and wear resistance, HP wheels take down welds quicker and with less effort with one of the best overall values in grinding.

1/4" SPIN-ON TYPE 27



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

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

1/4" SPIN-ON TYPE 28



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-HPS	13,300	20	80
5"	1/4"	5/8"-11	08-B 501	A-24-HPS	12,200	20	80
7"	1/4"	5/8"-11 Metal Hub	08-B 706	A-24-HPS	8,600	10	40
9"	1/4"	5/8"-11 Metal Hub	08-B 906	A-24-HPS	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-24-HPS	20,000	25	100
4"	1/4"	3/8"	08-B 410	A-24-HPS	15,300	25	100
4"	1/4"	5/8"	08-B 400	A-24-HPS	15,300	25	100
4 1/2"	1/4"	7/8"	08-B 460	A-24-HPS	13,300	25	100
5"	1/4"	7/8"	08-B 510	A-24-HPS	12,200	25	100
6"	1/4"	7/8"	08-B 600	A-24-HPS	10,200	25	100
7"	1/4"	7/8"	08-B 710	A-24-HPS	8,600	25	50
9"	1/4"	7/8"	08-B 910	A-24-HPS	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-HPS	8,600	25	50
9"	1/4"	7/8"	08-B 901	A-24-HPS	6,600	25	50

1/8" 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" **SPIN-ON** TYPE 27



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-COMBO	13,300	25	200
4 1/2"	1/8"	5/8"-11 Metal Hub	08-B 457	A-30-COMBO	13,300	10	80
5"	1/8"	5/8"-11	08-B 502	A-30-COMBO	12,200	25	200
5"	1/8"	5/8"-11 Metal Hub	08-B 507	A-30-COMBO	12,200	10	80
6"	1/8"	5/8"-11	08-B 632	A-30-COMBO	10,200	25	100
7"	1/8"	5/8"-11 Metal Hub	08-B 717	A-30-COMBO	8,600	10	40
9"	1/8"	5/8"-11 Metal Hub	08-B 917	A-30-COMBO	6,600	10	40

Always use with flange 30-B 057

1/8" TYPE 27

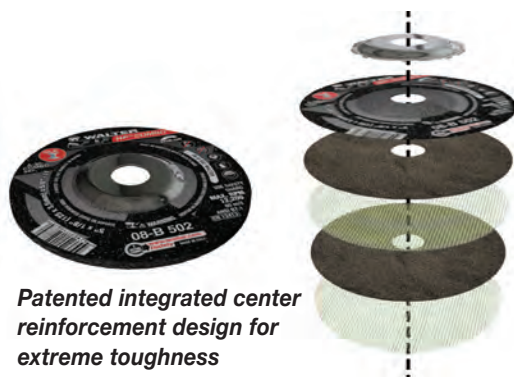


Dia.	Thick.	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
3"	1/8"	3/8"	08-B 312	A-24-COMBO	20,000	25	200
4"	1/8"	3/8"	08-B 412	A-24-COMBO	15,300	25	200
4"	1/8"	5/8"	08-B 402	A-24-COMBO	15,300	25	200
4 1/2"	1/8"	7/8"	08-B 462	A-30-COMBO	13,300	25	200
5"	1/8"	7/8"	08-B 512	A-30-COMBO	12,200	25	200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



*Ideal for both
cutting and
grinding work*

- ▶ Hold their cutting edge longer to provide more cuts per wheel
- ▶ Equipped with an exclusive metal hub cladding for extra strength and control
- ▶ Designed for maximum operator safety



Patented integrated center reinforcement design for extreme toughness



VIDEO



www.walter.com



HP XX™

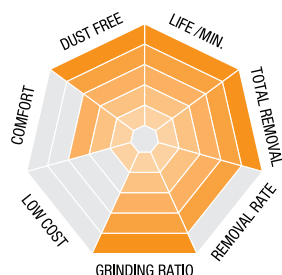
Premium grinding at the lowest overall cost

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.

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

Additional Benefits of **SPIN-ON**

- ▶ Ultra resistant built-in threaded arbor ensures minimum vibration for maximum operator comfort
- ▶ Minimal need for a pin key



1/4" **SPIN-ON** TYPE 27



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-X	13,300	20	80
4 1/2"	1/4"	5/8"-11 Metal Hub	08-K 455	ZA-20-X	13,300	10	80
5"	1/4"	5/8"-11	08-K 500	ZA-20-X	12,200	20	80
7"	1/4"	5/8"-11 Metal Hub	08-K 705	ZA-16-X	8,600	10	40
9"	1/4"	5/8"-11 Metal Hub	08-K 905	ZA-16-X	6,600	10	40

Always use with flange 30-B 057

1/4" TYPE 27



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4"	1/4"	3/8"	08-K 410	ZA-20-X	15,300	25	100
4"	1/4"	5/8"	08-K 400	ZA-20-X	15,300	25	100
4 1/2"	1/4"	7/8"	08-K 460	ZA-20-X	13,300	25	100
5"	1/4"	7/8"	08-K 510	ZA-20-X	12,200	25	100
6"	1/4"	7/8"	08-K 600	ZA-16-X	10,200	25	100
7"	1/4"	7/8"	08-K 700	ZA-16-X	8,600	25	50
9"	1/4"	7/8"	08-K 900	ZA-16-X	6,600	25	50

1/4" TYPE 28



7"	1/4"	7/8"	08-K 701	ZA-16-X	8,600	25	50
7"	1/4"	5/8"-11 Metal Hub	08-K 706	ZA-16-X	8,600	10	40
9"	1/4"	7/8"	08-K 901	ZA-16-X	6,600	25	50
9"	1/4"	5/8"-11 Metal Hub	08-K 906	ZA-16-X	6,600	10	40





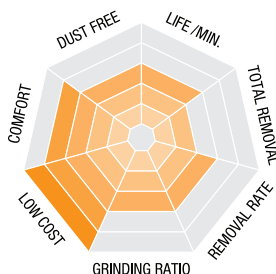
1/8" Wheel:

- ▶ Fastest cutting wheel in its class
- ▶ Cool and free cutting
- ▶ Resists bending and twisting for extra safety

Lets you do more work in less time – guaranteed!

1/4" Wheel:

- ▶ Fast removal rates and cool grinding action for the entire life of the wheel
- ▶ Excellent comfort; easy to control
- ▶ Heavily reinforced for absolute safety



ALLSTEEL™

Superior grinding on steel or stainless steel

ALLSTEEL grinding wheels deliver fast removal rates and long life on both steel and stainless steel. These wheels are heavily reinforced for maximum operator safety and comfort. Do more work in less time with ALLSTEEL.

1/8" TYPE 27



CUTTING ONLY



Dia.	Thick.	Arbor	Order No.	Grade	Max PM	Std. Pkg.	Std. Ctn.
4 1/2"	1/8"	7/8"	08-C 452	A-30-AS	13,300	25	200
4 1/2"	1/8"	5/8"-11 Metal Hub	08-C 457	A-30-AS	13,300	10	80
5"	1/8"	7/8"	08-C 502	A-30-AS	12,200	25	200
5"	1/8"	5/8"-11 Metal Hub	08-C 507	A-30-AS	12,200	10	80
6"	1/8"	7/8"	08-C 602	A-30-AS	10,200	25	100
7"	1/8"	7/8"	08-C 702	A-30-AS	8,600	25	100
7"	1/8"	5/8"-11 Metal Hub	08-C 707	A-30-AS	8,600	10	40
9"	1/8"	7/8"	08-C 902	A-30-AS	6,600	25	100
9"	1/8"	5/8"-11 Metal Hub	08-C 907	A-30-AS	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-C 450	A-24-AS	13,300	25	100
4 1/2"	1/4"	5/8"-11 Metal Hub	08-C 455	A-24-AS	13,300	10	80
5"	1/4"	7/8"	08-C 500	A-24-AS	12,200	25	100
5"	1/4"	5/8"-11 Metal Hub	08-C 505	A-24-AS	12,200	10	80
6"	1/4"	7/8"	08-C 600	A-24-AS	10,200	25	100
7"	1/4"	7/8"	08-C 700	A-24-AS	8,600	25	50
7"	1/4"	5/8"-11 Metal Hub	08-C 705	A-24-AS	8,600	10	40
9"	1/4"	7/8"	08-C 900	A-24-AS	6,600	10	40
9"	1/4"	5/8"-11 Metal Hub	08-C 905	A-24-AS	6,600	10	40



ALLSTEEL XX™

Exceptional grinding with less effort

More aggressive and longer lasting than our regular ALLSTEEL wheels, these versatile grinding wheels require less pressure to do the same job. ALLSTEEL XX offers the lowest overall cost of grinding when working with stainless steel.



1/8" TYPE 27



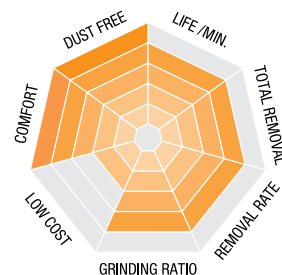
Dia.	Thick.	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/8"	7/8"	08-H 452	ZA-24-ASXX	13,300	25	200
4 1/2"	1/8"	5/8"-11 Metal Hub	08-H 457	ZA-24-ASXX	13,300	10	80
5"	1/8"	7/8"	08-H 502	ZA-24-ASXX	12,200	25	200
6"	1/8"	7/8"	08-H 602	ZA-24-ASXX	10,200	25	200
7"	1/8"	7/8"	08-H 702	ZA-24-ASXX	8,600	25	100
7"	1/8"	5/8"-11 Metal Hub	08-H 707	ZA-24-ASXX	8,600	10	40
9"	1/8"	7/8"	08-H 902	ZA-24-ASXX	6,600	25	100

- ▶ Exceptional grinding with less pressure and better control
- ▶ Outstanding life in both steel and stainless steel
- ▶ Wheels are balance-controlled within tolerances twice as strict for absolute safety

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-ASXX	13,300	25	100
4 1/2"	1/4"	5/8"-11 Metal Hub	08-H 455	ZA-24-ASXX	13,300	10	80
5"	1/4"	7/8"	08-H 500	ZA-24-ASXX	12,200	25	100
6"	1/4"	7/8"	08-H 600	ZA-24-ASXX	10,200	25	100
7"	1/4"	7/8"	08-H 700	ZA-24-ASXX	8,600	25	50
7"	1/4"	5/8"-11 Metal Hub	08-H 705	ZA-24-ASXX	8,600	10	40
9"	1/4"	7/8"	08-H 900	ZA-24-ASXX	6,600	25	50
9"	1/4"	5/8"-11 Metal Hub	08-H 905	ZA-24-ASXX	6,600	10	40





Made with highly refined ingredients that will not contaminate stainless steel

1/8" Cutting & Light Grinding:

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

1/4" Grinding:

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

STAINLESS™

Superior performance on stainless steel

The name says it all! When you need a wheel that is guaranteed not to contaminate stainless steel, this is the wheel for the job. These wheels hug the work piece for controlled grinding and a smooth, high quality finish.

1/8" TYPE 27



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-SS COMBO	13,300	25	200
4 1/2"	1/8"	5/8"-11 Metal Hub	08-F 457	A-30-SS COMBO	13,300	10	80
5"	1/8"	5/8"-11	08-F 502	A-30-SS COMBO	12,200	25	200
7"	1/8"	5/8"-11 Metal Hub	08-F 707	A-30-SS COMBO	8,600	10	40

1/8" TYPE 27



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

Always use 1/8" wheels with flange 30B057.

1/4" TYPE 27



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-SS	13,300	20	80
4 1/2"	1/4"	5/8"-11 Metal Hub	08-F 455	A-30-SS	13,300	10	80
5"	1/4"	5/8"-11	08-F 500	A-30-SS	12,200	20	80
7"	1/4"	5/8"-11 Metal Hub	08-F 705	A-30-SS	8,600	10	40
9"	1/4"	5/8"-11 Metal Hub	08-F 905	A-30-SS	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-F 460	A-30-SS	13,300	25	100
5"	1/4"	7/8"	08-F 510	A-30-SS	12,200	25	100
6"	1/4"	7/8"	08-F 600	A-30-SS	10,200	25	100
7"	1/4"	7/8"	08-F 700	A-30-SS	8,600	25	50
9"	1/4"	7/8"	08-F 900	A-30-SS	6,600	25	50

1/4" TYPE 28



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-SS	13,300	20	80
5"	1/4"	5/8"-11	08-F 501	A-30-SS	12,200	20	80

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

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

Aluminum

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

1/4" TYPE 27

Aluminum

Dia.	Thick.	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/4"	7/8"	08-L 450	A-24-ALU	13,300	25	100
4 1/2"	1/4"	5/8"-11 Metal Hub	08-L 455	A-24-ALU	13,300	10	80
5"	1/4"	7/8"	08-L 500	A-24-ALU	12,200	25	100
6"	1/4"	7/8"	08-L 600	A-24-ALU	10,200	25	100
7"	1/4"	7/8"	08-L 700	A-24-ALU	8,600	25	50
7"	1/4"	5/8"-11 Metal Hub	08-L 705	A-24-ALU	8,600	10	40
9"	1/4"	7/8"	08-L 900	A-24-ALU	6,600	25	50
9"	1/4"	5/8"-11 Metal Hub	08-L 905	A-24-ALU	6,600	10	40

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 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

Steel



Stainless Steel

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



No clogging in any type of aluminum

1/8" Cutting & 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



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

XCAVATOR™

The most aggressive removal rate on steel, stainless steel and hard metals

XCAVATOR™ is the newest and most powerful member of Walter's innovative family of high performance grinding wheels. XCAVATOR delivers premium performance, the highest 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 XCAVATOR.

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-P	13,300	25	100
5"	1/4"	7/8"	08-P 510	ZA-16-P	12,200	25	100
6"	1/4"	7/8"	08-P 600	ZA-16-P	10,200	25	100
7"	1/4"	7/8"	08-P 700	ZA-16-P	8,600	25	50
9"	1/4"	7/8"	08-P 900	ZA-16-P	6,600	25	50



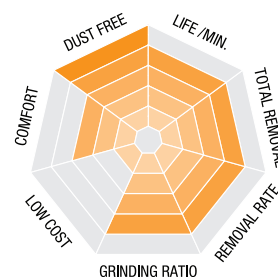
Guarantees high removal even in the hardest of metals!

1/4" SPIN-ON TYPE 27

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-P	13,300	20	80
4 1/2"	1/4"	5/8"-11 Metal Hub	08-P 455	ZA-16-P	13,300	10	80
5"	1/4"	5/8"-11	08-P 500	ZA-16-P	12,200	20	80
7"	1/4"	5/8"-11 Metal Hub	08-P 705	ZA-16-P	8,600	10	40
9"	1/4"	5/8"-11 Metal Hub	08-P 905	ZA-16-P	6,600	10	40

* Always use with flange 30-B 057

- ▷ The fastest removal rate, out of any of our grinding wheels
- ▷ 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)



VIDEO



www.walter.com



- ▶ 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 the root pass 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



Fe-S-Cl
<0.1%



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

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-N 452	A-36 PIPE	13,300	25	200
5"	1/8"	7/8"	08-N 502	A-36 PIPE	12,200	25	200
6"	1/8"	7/8"	08-N 602	A-24 PIPE	10,200	25	100
7"	1/8"	7/8"	08-N 702	A-24 PIPE	8,600	25	100

5/32" TYPE 27



Fe-S-Cl
<0.1%



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

SPIN-ON TYPE 27



Fe-S-Cl
<0.1%

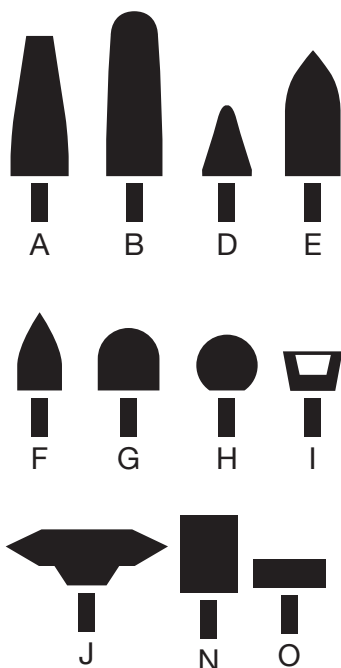


Dia.	Thick.	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
5"	3/32"	5/8"-11"	08-N 533	A-36-PIPE	12,200	25	200
7"	5/32"	5/8"-11"	08-N 709	A-20-PIPE	8,600	10	40
9"	5/32"	5/8"-11"	08-N 909	A-20 PIPE	6,600	10	40

Always use with flange 30-B 057



- ▶ For fitting, shaping, enlarging holes and finishing work in confined spaces
- ▶ For use on die grinders, point grinders, flexible shaft machines, etc.
- ▶ New Line-up - Complete selection – for all your needs
- ▶ Faster removal AND longer lasting



MOUNTED POINTS

Versatile tools for fitting, shaping and enlarging

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 (previously orange colored)

Orange for tool and high tensile steel (previously pink colored)

Resin bond for stainless steel (previously brown colored)

Blue-grey



Illus.	Type	Dia.	Length	Shaft	Order No.	Grit	Max RPM*	Std Pkg.	Std. Ctn.
A	A-1	3/4"	2 1/2"	1/4"	12-D 002	A36	19,800	1	10
B	A-3	1"	2 3/4"	1/4"	12-D 012	A36	16,100	1	10
D	A-5	3/4"	1 1/8"	1/4"	12-D 022	A36	45,000	1	10
E	A-11	7/8"	2"	1/4"	12-D 032	A36	19,800	1	10
F	A-12	1 1/16"	1 1/4"	1/4"	12-D 037	A36	48,000	1	10
F	A-14	1 1/16"	7/8"	1/4"	12-D 047	A36	55,560	1	10
G	A-21	1"	1"	1/4"	12-D 057	A36	34,500	1	10
H	A-25	1"	1"	1/4"	12-D 077	A36	35,600	1	10
I	A-32	1"	5/8"	1/4"	12-D 092	A36	38,200	1	10
J	A-37	1 1/4"	1/4"	1/4"	12-D 117	A36	30,560	1	10
N	W-179	3/8"	1 1/4"	1/4"	12-D 592	A36	45,750	1	10
N	W-197	5/8"	2"	1/4"	12-D 677	A36	21,000	1	10
N	W-205	3/4"	1"	1/4"	12-D 722	A36	34,500	1	10
O	W-217	1"	3/8"	1/4"	12-D 782	A36	38,200	1	10
N	W-220	1"	1"	1/4"	12-D 797	A36	25,500	1	10
N	W-222	1"	2"	1/4"	12-D 807	A36	15,900	1	10





Orange



Illus.	Type	Dia.	Length	Shaft	Order No.	Grit	Max RPM*	Std Pkg.	Std. Ctn.
A	A-1	¾"	2 ½"	¼"	12-D 001	A60	19,800	1	10
B	A-3	1"	2 ¾"	¼"	12-D 011	A60	16,100	1	10
D	A-5	¾"	1 ⅞"	¼"	12-D 021	A60	45,000	1	10
E	A-11	⅞"	2"	¼"	12-D 031	A60	19,800	1	10
F	A-12	1 ⅛"	1 ¼"	¼"	12-D 036	A60	48,000	1	10
F	A-14	1 ⅛"	⅞"	¼"	12-D 046	A60	55,560	1	10
G	A-21	1"	1"	¼"	12-D 056	A60	34,500	1	10
H	A-25	1"	1"	¼"	12-D 076	A60	35,600	1	10
I	A-32	1"	5/8"	¼"	12-D 091	A60	38,200	1	10
N	W-179	¾"	1 ¼"	¼"	12-D 591	A60	45,750	1	10
N	W-197	5/8"	2"	¼"	12-D 676	A60	21,000	1	10
N	W-205	¾"	1"	¼"	12-D 721	A60	34,500	1	10
O	W-217	1"	3/8"	¼"	12-D 781	A60	38,200	1	10
N	W-220	1"	1"	¼"	12-D 796	A60	25,500	1	10
N	W-222	1"	2"	¼"	12-D 806	A60	15,900	1	10

Resin bond



Illus.	Type	Dia.	Length	Shaft	Order No.	Grit	Max RPM*	Std Pkg.	Std. Ctn.
B	A-3	1"	2 ¾"	¼"	12-D 013	A36	16,100	1	10
D	A-5	¾"	1 ⅞"	¼"	12-D 023	A36	45,000	1	10
E	A-11	⅞"	2"	¼"	12-D 033	A36	19,800	1	10
F	A-12	1 ⅛"	1 ¼"	¼"	12-D 038	A36	48,000	1	10
G	A-21	1"	1"	¼"	12-D 058	A36	34,500	1	10
H	A-25	1"	1"	¼"	12-D 078	A36	35,600	1	10
N	W-197	5/8"	2"	¼"	12-D 678	A36	21,000	1	10
N	W-205	¾"	1"	¼"	12-D 723	A36	34,500	1	10
O	W-217	1"	3/8"	¼"	12-D 783	A36	38,200	1	10
N	W-220	1"	1"	¼"	12-D 798	A36	25,500	1	10

*Max. RPM listed are for 1/2" free shaft.



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



BENCH GRINDING WHEELS

Long lasting and dependable, our bench grinding wheels are perfect for general purpose grinding work on bench and pedestal grinders.

All wheels are supplied with nested reducer bushings to fit on 1", 3/4", 5/8" and 1/2" shafts.

TYPE 1



Dia.	Thickness	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
6"	3/4"	1"	12-E 324	36 coarse	4,100	1	1
6"	3/4"	1"	12-E 325	46 medium	4,100	1	1
6"	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
7"	1 1/4"	1"	12-E 454	36 coarse	3,600	1	1
7"	1 1/4"	1"	12-E 457	60 fine	3,600	1	1
8"	7/8"	1"	12-E 533	24 coarse	3,600	1	1
8"	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 1/4"	1"	12-E 553	24 coarse	3,600	1	1
8"	1 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 1/4"	1"	12-E 653	24 coarse	2,500	1	1
10"	1 1/4"	1"	12-E 657	60 fine	2,500	1	1

Accessories

Reducer bushings

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

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

TYPE 1



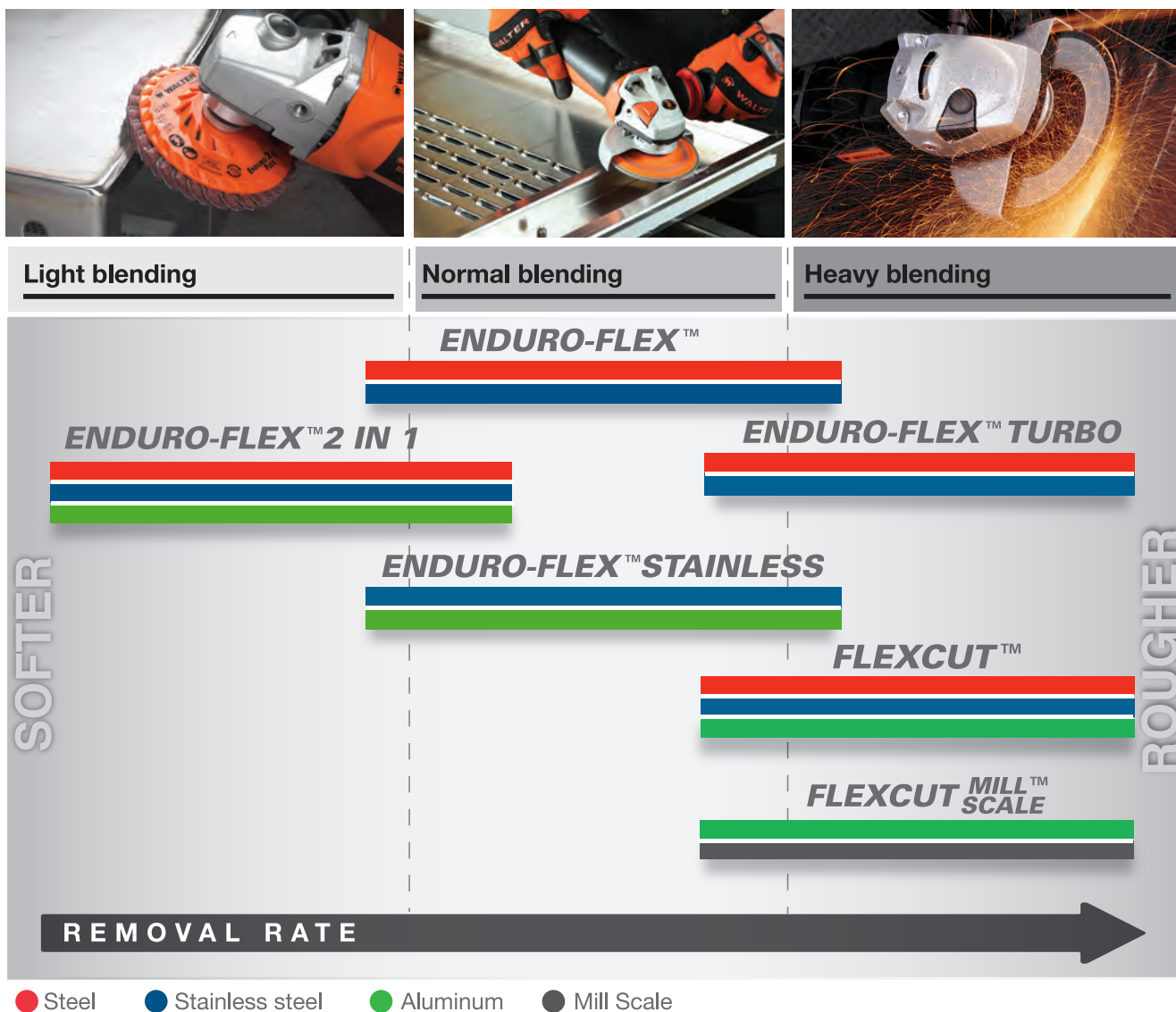
Dia.	Thickness	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
6"	3/4"	1"	12-E 329	80 fine	4,100	1	1
7"	1"	1"	12-E 449	80 fine	3,600	1	1
7"	1 1/4"	1"	12-E 459	80 fine	3,600	1	1
8"	7/8"	1"	12-E 539	80 fine	3,600	1	1
8"	1"	1"	12-E 549	80 fine	3,600	1	1
8"	1 1/4"	1"	12-E 559	80 fine	3,600	1	1
10"	1"	1"	12-E 649	80 fine	2,500	1	1



BLENDING

LONG LASTING
PERFORMANCE

BLENDING Wheel selection chart



Take down welds and finish surfaces in one step; ENDURO-FLEX helps you cut time and costs. If the flap overhang is worn down to the backing, simply trim down the ECO-TRIM backing to expose fresh abrasive grain and continue working.

Be innovative. Be efficient. Reduce your waste stream. Choose ENDURO-FLEX and ENDURO-FLEX Stainless with ECO-TRIM backing!



New disc



After 35 min.*



After 100 min.*

* Based on average material removal in steel.



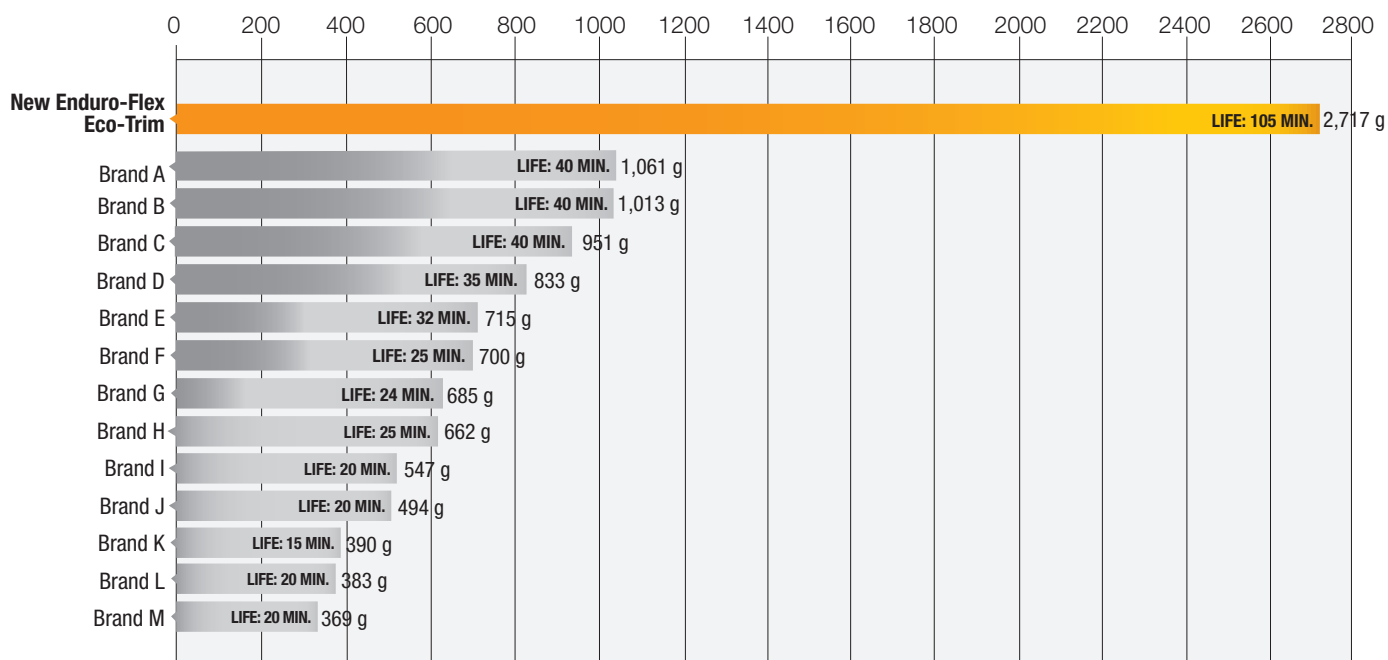
THE LONGEST LASTING FLAP DISCS ON THE MARKET



ENDURO-FLEX

COMPARISON TEST BETWEEN 5" FLAP DISCS, GRIT 40

Total amount of steel removed (in grams)





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

VIDEO



www.walter.com

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 a new 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 bottom line: switch to orange and save some green.

The longest lasting flap disc on the market



SPIN-ON TYPE 29



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 29



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
New 6"	7/8"	40	15-R 604	10,200	10	40
New 6"	7/8"	60	15-R 606	10,200	10	40
New 6"	7/8"	80	15-R 608	10,200	10	40
New 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.

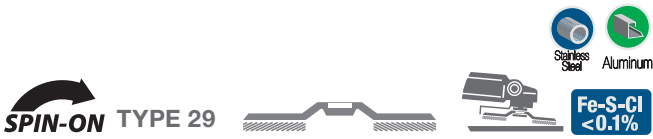
ENDURO-FLEX STAINLESS™

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, aluminum and other heat sensitive alloys.



Also the best performing flap disc on aluminum



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.



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 heat sensitive metals
- ▷ Will not load or glaze; will outperform any other flap disc on aluminum
- ▷ The coolest cutting action on stainless
- ▷ The fastest cutting rate on aluminum



THE FASTEST FLAP DISCS ON THE MARKET

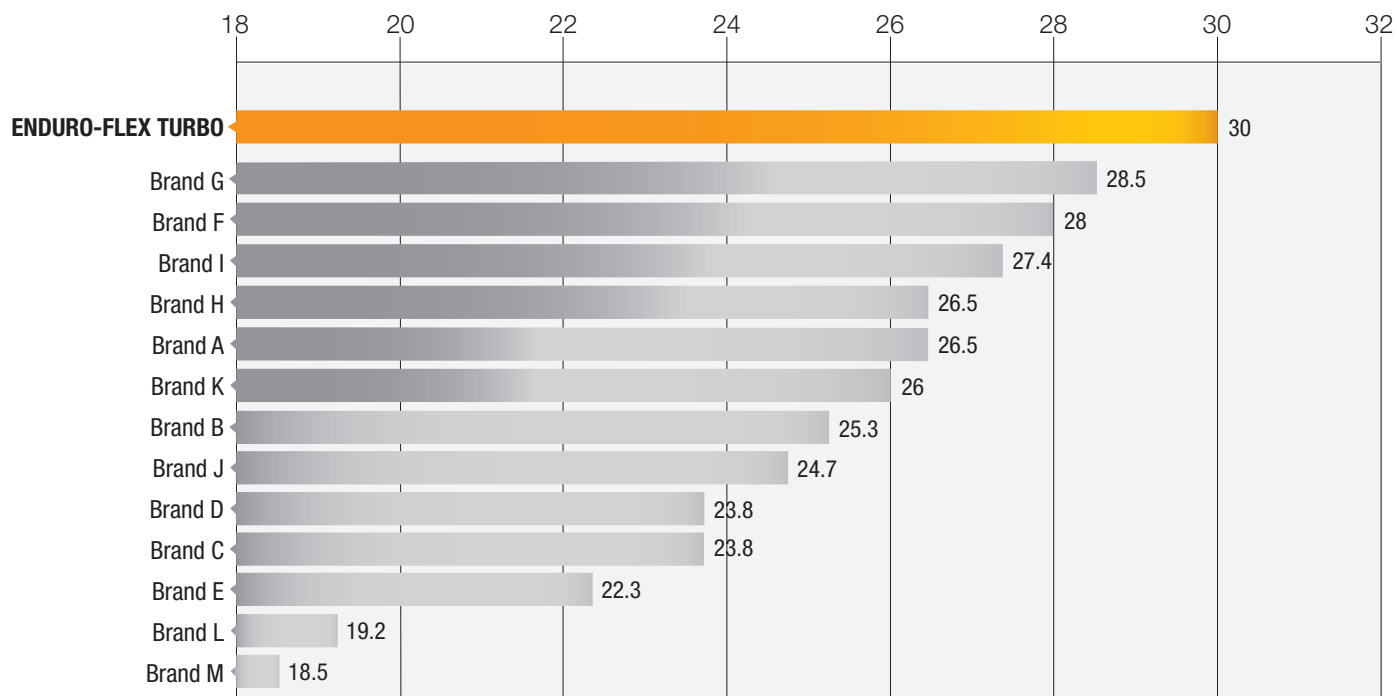


ENDURO-FLEX TURBO

Comparison test between 5" flap discs

Removal rate on steel (grams/minute)

*Finish faster to save
time and money*





ENDURO-FLEX TURBO™

The fastest removal rate in the industry

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 pad design allows air to cool the work piece, 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.

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

VIDEO



*Fastest removal rate
in the industry*

SPIN-ON TYPE 27

Dia.	Arbor	Grit	Order No.	Max RPM	Std. Pkg.	Std. Ctn.
4 1/2"	5/8"-11	36/60	06-A 452	13,300	10	40
5"	5/8"-11	36/60	06-A 502	12,200	10	40
6"	5/8"-11	36/60	06-A 602	10,200	10	40

Always use with flange 30-B 057.

TYPE 27

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

Always use with flange 30-B 057.





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.

VIDEO



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SPIN-ON TYPE 27



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

Always use with flange 30-B 057.



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

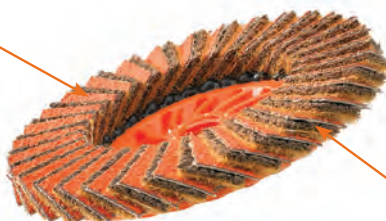
The fastest and most versatile finishing disc on the market

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.

NEW

Sanding flaps

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



BLENDX flaps

- ▷ Allows operators to achieve a food grade finish
- ▷ Non-woven material, will not smear or contaminate the workpiece
- ▷ Tear resistant for longest life

VIDEO



www.walter.com

Reduce your cycle time

SPIN-ON TYPE 27



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.

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



Fe-S-CI
<0.1%



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

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

SPIN-ON

TYPE 29



Fe-S-CI
<0.1%



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	200
4 1/2"	5/8"-11	A-60-X-FLEX	15-L 456	13,300	25	200
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	200
5"	5/8"-11	A-60-X-FLEX	15-L 506	12,200	25	200
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.

TYPE 29



Fe-S-CI
<0.1%



Dia.	Arbor	Grit	Order No.	Max RPM	Std. Pkg.	Std. Ctn.
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

TYPE 29



Fe-S-CI
<0.1%



Dia.	Arbor	Grit	Order No.	Max RPM	Std. Pkg.	Std. Ctn.
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



Blends in perfectly on uneven surfaces and will never clog on aluminum



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



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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 29						
Dia.	Arbor	Order No.	Grit	Max RPM	Std. Pkg.	Std. Ctn.
4 1/2"	5/8"-11	15-L 843	A-36-FLEX	13,300	25	200
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 with flange 30-B 057.

TYPE 29						
Dia.	Arbor	Order No.	Grit	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 removal without glazing or clogging
- ▶ Open diamond cut pattern prevents clogging
- ▶ Extremely effective for heavily rusted plates, aluminum, galvanized metal and painted material
- ▶ Fe-free formulation – guaranteed not to contaminate aluminum
- ▶ Cool cutting action

VIDEO



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SANDING

TOP-OF-THE-LINE
TECHNOLOGY



SANDING Resin fiber disc selection chart



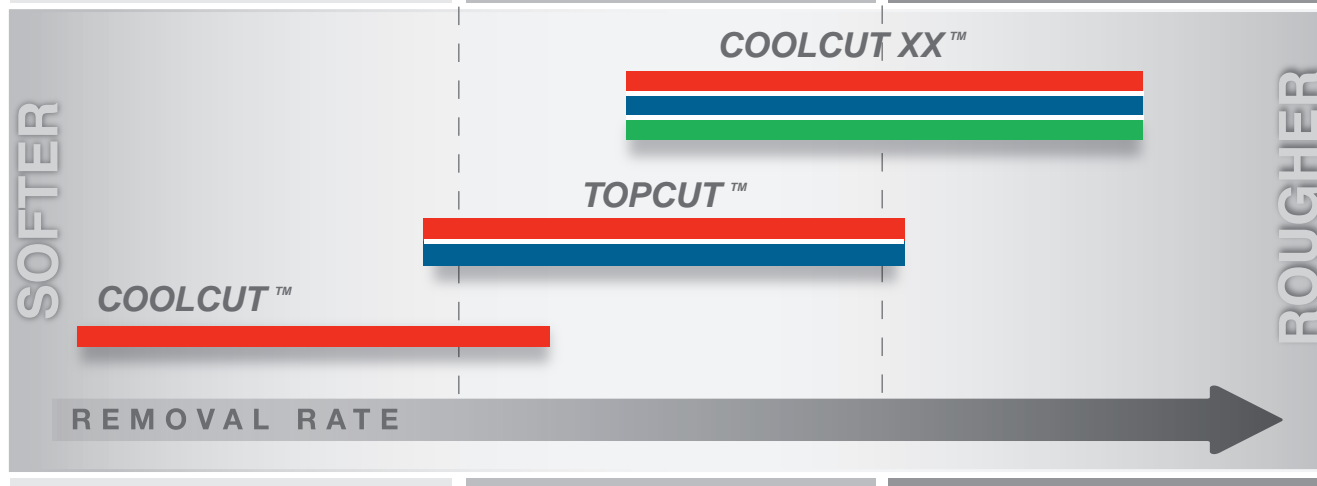
Light Removal & Finishing



Aggressive Removal



Maximum life & Removal Rate



● Steel ● Stainless steel ● Aluminum



NEW

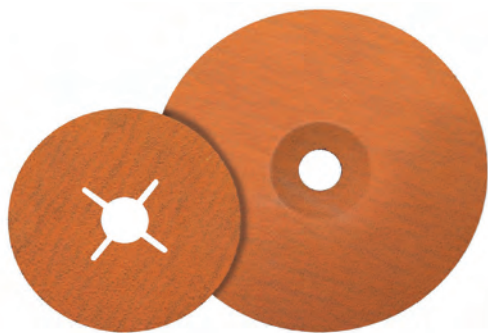
Exclusive packaging! **TOPCUT™ & COOLCUT XX™** **50 PACKS**

Packaging that makes sense

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

New packaging for 50 discs:

- ▷ 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



- ▷ 6 times more stock removal than regular sanding discs
- ▷ 2 times faster cutting than regular 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
- ▷ All 7" sanding discs are preformed to fit perfectly on backing pads* without warping, allowing maximum contact with the workpiece

Tech tip!

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



COOLCUT XX™

The longest lasting, most aggressive sanding discs

The new and improved COOLCUT XX sanding discs use our exclusive Cyclone™ Technology to aggressively remove material long after most other sanding discs are spent. Speed up production while using fewer abrasives with Coolcut XX.

Reduce your cycle time and eliminate bottlenecks in your production process



Dia.	Arbor	Grit	Order No.	Min. 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

NEW

VIDEO



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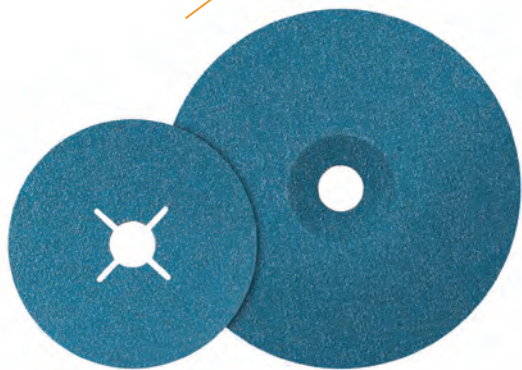
COOLCUT XX™ 50 PACK



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

*SPECIAL ORDER ONLY. Call for pricing and availability

**NEW &
IMPROVED**



- ▷ **Highest performance Zirconium grade sanding disc**
- ▷ **Highest total removal in the industry for a Zirconium disc**
- ▷ **Fastest removal rate with cooler cutting to reduce heat generation and preserve metal**
- ▷ **Longest lasting sanding disc in the industry**
- ▷ **High resistance for sanding on heat sensitive metals**

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.

*New Topcut sanding discs
available in packs of 25
Spring 2016*



Dia.	Arbor	Grit	Order No.	Min. 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

NEW



New packaging of 50 discs

- ▷ **Best preservation of sanding disc with "Humidity Control" feature**
- ▷ **Shrink wrapped by 25 to keep discs' shape intact**

*Packages of 50 come with new
Topcut sanding discs*



Dia.	Arbor	Grit	Order No.	Min. Pkg.	Std. Ctn.
4 1/2"	7/8"	24	15-P 452B*	50	400
4 1/2"	7/8"	36	15-P 453B*	50	400
4 1/2"	7/8"	60	15-P 456B*	50	400
4 1/2"	7/8"	80	15-P 458B*	50	400
5"	7/8"	24	15-P 502B*	50	400
5"	7/8"	36	15-P 503B*	50	400
5"	7/8"	60	15-P 506B*	50	400
5"	7/8"	80	15-P 508B*	50	400
7"	7/8"	24	15-P 702B*	50	200
7"	7/8"	36	15-P 703B*	50	200
7"	7/8"	60	15-P 706B*	50	200
7"	7/8"	80	15-P 708B*	50	200

**SPECIAL ORDER ONLY. Call for pricing and availability*

COOLCUT™

General purpose sanding

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



Dia.	Arbor	Grit	Order No.	Min. 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 blend of aluminum oxide grain
- ▷ High removal rate, cool cutting
- ▷ Most economical choice for finishing applications on steel





- ▶ High quality impact resistant plastic with maximum flexibility



- ▶ Hard black pad, for weld blending and high stock removal
- ▶ Excellent heat dissipation for longer disc 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 PAD ASSEMBLIES



Dia.	Thread	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
4"	M10 × 1.25	15-D 030	15,000	1	10
4"	3/8"-24	15-D 035	15,000	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 COOLCUT XX.



Dia.	Thread	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

Accessories

EXTRA CLAMPING NUTS

	Order No.
For 4" backing pads	
3/8"-24	15-D 015
For 4 1/2" and 5" backing pads	
M10 × 1.25	15-D 010
5/8"-11	15-D 014
For 6" and 7" backing pads 5/8"-11	15-H 014
For 4.5" & 7" Turbo Action backing pad 5/8"-11	15-M 014

Spacer washers (supplied separately)

For grinders with:	5/8"-11 spindle	07-Q 001
M14 × 2.0 spindle		07-Z 005

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	27,500	10	100
1"	3/8"	60	15-F 056	30,000	27,500	10	100
1"	3/8"	80	15-F 058	30,000	27,500	10	100
1"	3/8"	120	15-F 062	30,000	27,500	10	100
1"	1"	40	15-F 154	30,000	27,500	10	100
1"	1"	60	15-F 156	30,000	27,500	10	100
1"	1"	80	15-F 158	30,000	27,500	10	100
1"	1"	120	15-F 162	30,000	27,500	10	100
1 1/2"	3/8"	40	15-F 004	25,000	19,100	10	100
1 1/2"	3/8"	60	15-F 006	25,000	19,100	10	100
1 1/2"	3/8"	80	15-F 008	25,000	19,100	10	100
1 1/2"	3/8"	120	15-F 012	25,000	19,100	10	100
1 1/2"	1"	40	15-F 104	25,000	19,100	10	100
1 1/2"	1"	60	15-F 106	25,000	19,100	10	100
1 1/2"	1"	80	15-F 108	25,000	19,100	10	100
1 1/2"	1"	120	15-F 112	25,000	19,100	10	100
1 1/2"	1"	240	15-F 124	25,000	19,100	10	100
2"	3/8"	40	15-F 204	25,000	15,200	10	100
2"	3/8"	60	15-F 206	25,000	15,200	10	100
2"	3/8"	80	15-F 208	25,000	15,200	10	100
2"	3/8"	120	15-F 212	25,000	15,200	10	100
2"	1"	40	15-F 304	25,000	15,200	10	100
2"	1"	60	15-F 306	25,000	15,200	10	100
2"	1"	80	15-F 308	25,000	15,200	10	100
2"	1"	120	15-F 312	25,000	15,200	10	100
2"	1"	240	15-F 324	25,000	15,200	10	100
2 1/2"	1 1/2"	40	15-F 504	20,000	12,700	10	100
2 1/2"	1 1/2"	60	15-F 506	20,000	12,700	10	100
2 1/2"	1 1/2"	80	15-F 508	20,000	12,700	10	100
2 1/2"	1 1/2"	120	15-F 512	20,000	12,700	10	100
2 1/2"	1 1/2"	240	15-F 524	20,000	12,700	10	100
3"	1"	40	15-F 704	15,000	8,900	10	100
3"	1"	60	15-F 706	15,000	8,900	10	100
3"	1"	80	15-F 708	15,000	8,900	10	100
3"	1"	120	15-F 712	15,000	8,900	10	100
3"	1 1/2"	40	15-F 804	15,000	8,900	10	100
3"	1 1/2"	60	15-F 806	15,000	8,900	10	100
3"	1 1/2"	80	15-F 808	15,000	8,900	10	100
3"	1 1/2"	120	15-F 812	15,000	8,900	10	100
3"	1 1/2"	240	15-F 824	15,000	8,900	10	100
3"	2"	40	15-F 904	11,000	8,900	10	100
3"	2"	60	15-F 906	11,000	8,900	10	100
3"	2"	80	15-F 908	11,000	8,900	10	100
3"	2"	120	15-F 912	11,000	8,900	10	100





Finishing guide - TWO-IN-ONE

GRIT	CAMI / FEPA EQUIVALENT
Medium	150
Fine	180
Extra fine	220
Extra fine, flexible	220
Polishing	360

Accessories

Reducer bushing

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

Order No. 12-E 010



- ▶ 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



TWO-IN-ONE™ FLAP WHEELS

Two-In-One flap wheels remove material nearly as fast as regular flap wheels while leaving a finer finish thanks to the non-woven material between each sanding flap. Excellent for finishing work.



Dia.	Width	Shaft Thread Arbor	Grit	Order No.	Max. RPM	Opt. 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
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
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

* BLENDEX non-woven material only.

COOLCUT™ SHOP ROLLS

These premium shop rolls are a cut above the rest. With a fast cutting aluminum oxide abrasive grain bonded onto a high quality J-weight cloth, they are designed to remove material quickly while also maintaining a high degree of flexibility. Best of all, this design keeps the work piece cool, minimizing wear and extending the life of the shop roll while making it safe to use on all metals.



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 1/2"	50 yards	60	14-C 206	1	10
1 1/2"	50 yards	80	14-C 208	1	10
1 1/2"	50 yards	100	14-C 210	1	10
1 1/2"	50 yards	120	14-C 212	1	10
1 1/2"	50 yards	180	14-C 218	1	10
1 1/2"	50 yards	240	14-C 224	1	10
1 1/2"	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

BLENDIX™ 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" x 9"	07-A 100	Maroon	Blending	60
6" x 9"	07-A 200	Grey	Finishing/Polishing	60
6" x 9"	07-A 300	Tan	Heavy-duty	60
6" x 9"	07-A 400	Green	General purpose	60
6" x 9"	07-A 500	White	Cleaning	60

Accessory

Hand pad holder

With molded hook pattern for positive pad holding and easy grip handle

3" x 6" - Order No. 07-A 001



Rolls



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

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.

Cup discs **SPIN-ON**



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



Hand Pads:

- ▷ Pads are washable and can be reused
- ▷ Replaces steel wool - 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



Tech tip!

Use white hand pad (order no.: 07-A 500) with SURFOX Pre-Weld to clean soiled surfaces.

SURFOX Pre-Weld Order No. 54-A 083



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

VIDEO





FINISHING

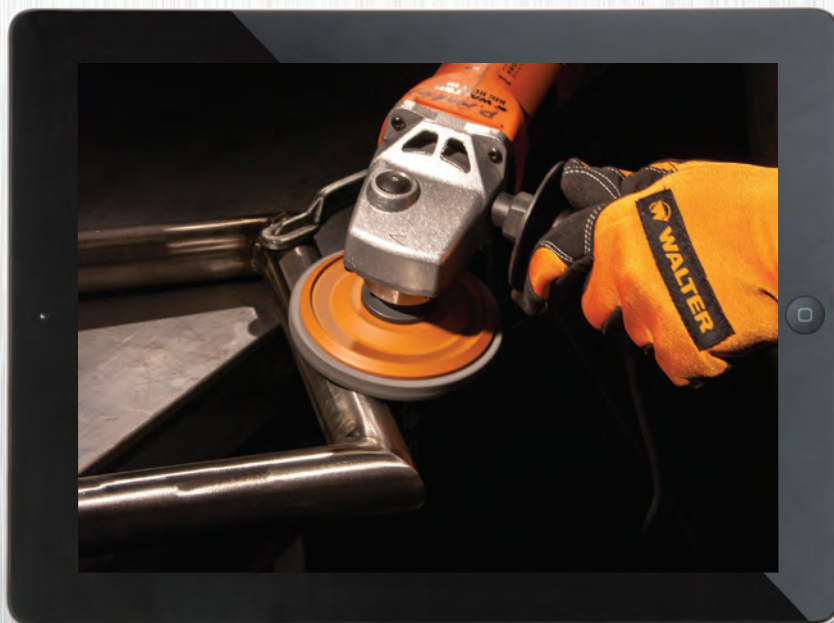
THE RIGHT TOOLS
TO ACHIEVE
THE PERFECT FINISH
IN LESS TIME

Check out The Walter Network for tips and shortcuts to achieving some of the most common industrial finishes with the use of WALTER products.



To get to TWN, visit www.youtube.com/thewalternetwork

Scroll through the Walter Academy playlist to see our library of videos designed to save you time and help you work better.



Looking to go from a fresh TIG weld to a #4 brushed finish on a flat stainless steel surface? We would recommend:

STEP 1



Quick-Step Flex 5" Grit 120
no. 07-Q 512

STEP 2



Quick Step Blendex
4.5" medium no. 07-R 453

STEP 3



Two-in-one drum 4.5"
2" wide no. 07-K 422

Check out our website at www.walter.com to see all we have to offer in terms of finishing!

Learn how to achieve the most popular finishes starting from a MIG weld, TIG weld, 2B, mill finish, etc.

#4 sanitary brush
finish on stainless
steel video



www.walter.com

#4 brush
finish on stainless
steel video



www.walter.com

#8 mirror
finish on stainless
steel video



www.walter.com

Brushed finish on
structural aluminum
video



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**LINEAR
FINISHING SYSTEM**

The Line-Mate linear surface finishing system is the most versatile tool for applications where a linear scratch pattern is required. 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.

DRUMS

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

#3

#4

#4

#7

#8

Type of finish

Pre-finishing

Coarse finish

Sanitary

Pharmaceutical

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						
FX Drums @ 2000 RPM	Cleaning	07-L	Coarse						
Coolcut Flap Drums @ 2000 RPM	Graining	07-J	40						
			60						
			80						
			120						
Blendex Drums @ 2000 RPM	Linear finishing	07-M	Coarse						
			Medium						
			Fine						
			Super fine						
			Ultra fine						
2-in-1 Drums @ 2000 RPM	Linear finishing	07-K	80						
Buffing Drums and polishing pastes @ 2000 RPM	Mirror finishing	07-T + paste	White 1200-1500						
		07-T + paste	Blue 2000						

BELTS

Cloth Drum Belts @ 2000 RPM

Removing deep scratches (Stock removal)

07-F

40

60

80

120

Blendex Drum Belts @ 2000 RPM

Graining and mirror finishing

07-H

Coarse

Medium

Fine

Super Fine

High polish Drum Belts, Instant polish Drum Belts and polishing pastes

Mirror finishing

07-T + paste

07-T + paste

07-T + Instant polish paste

40

60

80

120

Coarse

Medium

Fine

Super Fine

White 1200-1500

Blue 2000

1200-2000

LINE-MATE LINEAR SURFACE FINISHING SYSTEM

The professional's choice for linear finishing

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 any metal surface, this system offers the most complete range of products to match the linear finish required for your applications.

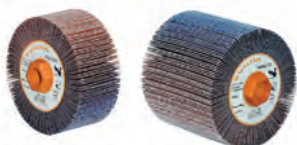


Line-Mate III
High efficiency drum sander

Belt drive roller & T-lock™ belts for pipes, tubing & railings

Pneumatic drum and belts

Drums



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



- ▷ Combine two finishing steps into one: The coated abrasive cloth cuts aggressively while the BLENDEX flaps produce a satin linear 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 1/2"	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

BLENDEX™ DRUMS



Dia.	Width	Arbor	Grit	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
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 441	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 enhances the finish by providing 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.



- ▷ 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

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

NEW

Length	Width	Thickness	Order No.	Std. Pkg.
16'	1 5/8"	.005"	07-T 100	1
30'	3/4"	.005"	07-T 105	1

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



BUFFING DRUMS



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

Use with polishing pastes.



Harder multi-ply

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

POLISHING PASTES



Name	Order No.	Weight approx.	Grit	Std. Ctn.	Std. Pkg.
White paste	07-T 901	600 g	1200-1500	10	1
Blue paste	07-T 905	650 g	2000	10	1
Instant polish paste	07-T 907	1200 g	1200-2000	5	1

New



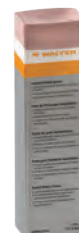
- ▷ Reclosable polishing paste tube with convenient push-through system to protect paste from contaminants
- ▷ Suitable for use in food processing industries

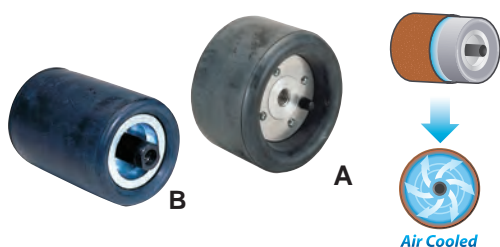
VIDEO



www.walter.com

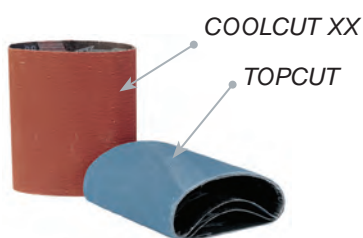
- ▷ Achieve a mirror finish with only one paste
- ▷ Packed in a resealable bag that protects the paste from contaminants and drying out





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



- ▷ Creates or restores linear finishes, levels off small welds, rounds corners, removes deep scratches, etc.
- ▷ Equipped with taped butt-joints for longer life and a higher removal rate



- ▷ **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 as a last step before mirror finishing or to produce decorative finishes

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



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					08-B 009
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
Valve core for both drums					07-F 013

TOPCUT™ & COOLCUT XX™ CLOTH DRUM BELTS



Width	Length	Diameter	Grit	Order No.	Min. 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

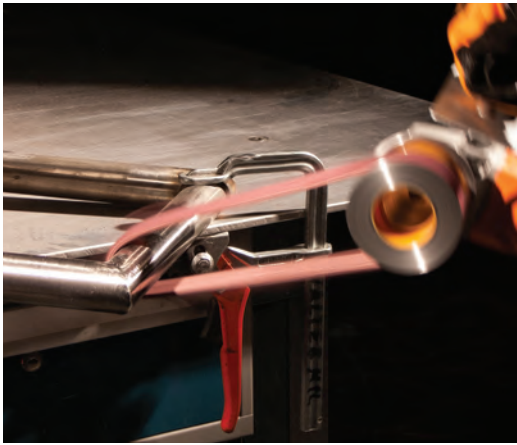


Width	Length	Dia.	Grit	Order No.	Min. Pkg.	Std. Ctn.
3 1/2"	15 1/2"	5"	Coarse	07-H 362	1	10
3 1/2"	15 1/2"	5"	Medium	07-H 363	1	10
3 1/2"	15 1/2"	5"	Fine	07-H 364	1	10
3 1/2"	15 1/2"	5"	Super fine	07-H 365	1	10
5 3/8"	11 5/8"	3 1/2"	Coarse	07-H 502	1	10
5 3/8"	11 5/8"	3 1/2"	Medium	07-H 503	1	10
5 3/8"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

HIGH POLISH DRUM BELTS



Width	Length	Dia.	Color	Order No.	Min. Pkg.	Std. Ctn.
5 3/8"	11 5/8"	3 1/2"	White	07-T 530	1	10
New 3 1/2"	15 1/2"	5"	Yellow	07-T 334	1	10
New 5 3/8"	11 5/8"	3 1/2"	Yellow	07-T 534	1	10



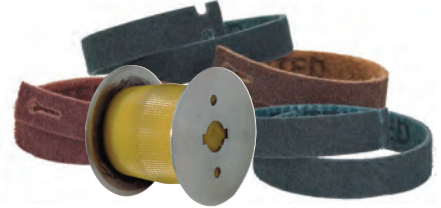
HAND RAIL FINISHING KIT

Order No. 07-H 992

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

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)



- ▶ Achieve a #8 mirror stainless steel finish in just one step (compared to using two separate polishing pastes)
- ▶ The polishing paste is pre-applied to the belt
- ▶ Packed in a resealable bag that protects the belt from contaminants and drying out



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



- ▶ For polishing pipes, tubing and railing

INSTANT POLISH™ DRUM BELTS

One-Step solution to achieving a #8 mirror finish



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

BLENDEX™ T-LOCK BELTS



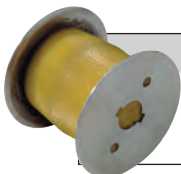
Width	Length	Grit	Color	Order No.	Min. Pkg.	Std. Ctn.
1 3/16"	25"	Coarse	Tan	07-H 242	3	48
1 3/16"	25"	Medium	Maroon	07-H 243	3	48
1 3/16"	25"	Fine	Blue	07-H 244	3	48
1 3/16"	25"	Super fine	Grey	07-H 245	3	48

T-LOCK POLISHING FELT BELT



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

Use with polishing paste.



Accessory

Belt drive roller Order No. 07-F 002
3 1/4" x 2 3/4" x 5/8"-11

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



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

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



- ▶ *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*
- ▶ *Best option on flat, even surfaces*

LINE-MATE III™ KIT

The Line-Mate III drum sander sets the standard for industrial linear finishing. By combining power, endurance and operator comfort with top quality finishing abrasives, you can expect nothing but the best with our Line-Mate III finishing kit!

Kit includes:

- 1 Line-Mate III with standard equipment
- 1 carrying case
- 1 pneumatic drum (07-F 051)
- 6 cloth drum belts:
 - 2 of 60 grit (07-F 506)
 - 2 of 80 grit (07-F 508)
 - 2 of 120 grit (07-F 511)
- 2 BLENDEX drum belts:
 - 1 coarse (07-H 502)
 - 1 medium (07-H 503)
- 1 TWO-IN-ONE drum - 4 1/2" x 4" (07-K 442)
- 1 BLENDEX drum - 4 1/2" x 4" medium (07-M 443)

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



CIRCULAR FINISHING QUICK-STEP SYSTEM

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	Grit size	Pre-finishing (>60 µin)	Coarse Finish (60-50 µin)	Sanitary (40-25 µin)	Pharmaceutical (20-12 µin)	Light polish (8-4 µin)	Mirror finish (4-1 µin)
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 @ 5 000 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	White 1200-1500						
			Blue 2000						
			Instant Polish 1200-2000						



See how to achieve these perfect finishes in our online videos at www.youtube.com/thewalternetwork

VIDEO



www.walter.com

QUICK-STEP™ METAL SURFACE FINISHING SYSTEM

Reduce the number of steps required to achieve the desired finish. From sanitary to pharmaceutical to reflective or mirror finishes, QUICK-STEP will help you to efficiently achieve the finish you are looking for in fewer steps, reducing your cycle time to save you time and money.



**Quick disc change
between finishing steps**

**High Efficiency
QUICK-STEP FINISHER
and BIG BUFF III
(sanders/polishers)**



**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.



*Built-in threaded arbor
mounts directly onto
the tool's spindle*

*Exclusive centering
pin guarantees
vibration-free
operation*



*Torque resistant mushroom
hooks hold discs securely in place*

QUICK-STEP MG BACKING PADS

For maximum grip when working at high speed. This backing pad is recommended for use with BLENDEX surface conditioning discs.

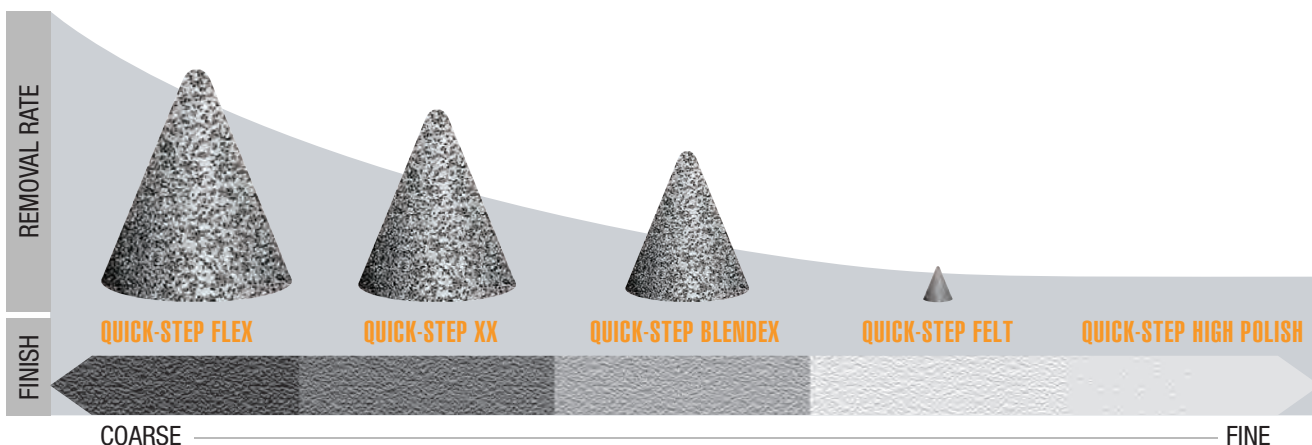
Pad dia.	For disc dia.	Thread	Order No.	Std. Pkg.	Std. Ctn.
4 1/2"	4 1/2"	5/8"-11	07-Q 149	1	10
5"	5"	5/8"-11	07-Q 154	1	10
6"	6"	5/8"-11	07-Q 164	1	10
7"	7"	5/8"-11	07-Q 174	1	10

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 FLEX flap discs and FX cleaning discs can be used with a 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 SURFACE CLEANING DISCS



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



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

QUICK-STEP™ FLEX FLEXIBLE FLAP DISCS



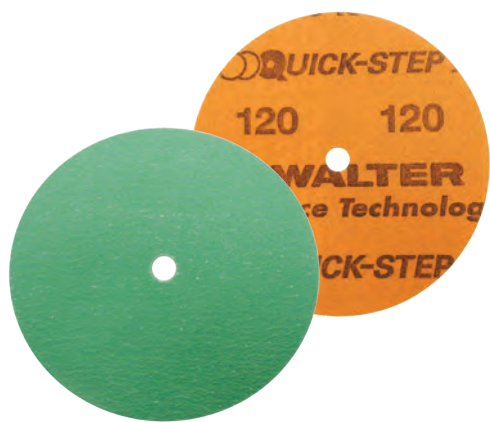
Dia.	Grit	Order No.	Max RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
4 1/2"	40	07-Q 454	11,000	8,000	10	40
4 1/2"	60	07-Q 456	11,000	8,000	10	40
4 1/2"	80	07-Q 458	11,000	8,000	10	40
4 1/2"	120	07-Q 462	11,000	8,000	10	40
5"	40	07-Q 504	10,000	7,300	10	40
5"	60	07-Q 506	10,000	7,300	10	40
5"	80	07-Q 508	10,000	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 bringing down 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 smaller than the disc's diameter for even more flexibility!



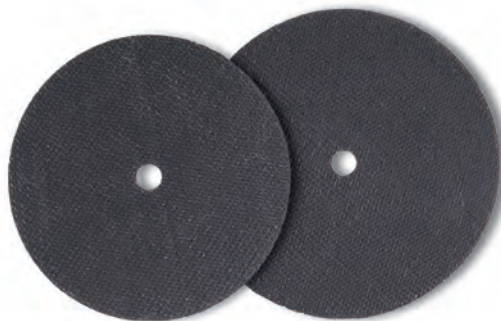
QUICK-STEP XX™ SANDING DISCS

The newest member of the QUICK-STEP Family, this high performance sanding disc leverages our exclusive Cyclone™ Technology, a high-tech blend of abrasive grains, and combines it with a special cooling agent. This allows you to blend and finish more pieces and improve productivity. Paired with an interface pad, this sanding disc allows for more flexibility, making it ideal for curved surfaces.



- ▶ *Extra long life – over 6x the stock removal compared to regular 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*

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
4 1/2"	240	15-V 424	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
5"	240	15-V 524	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
6"	240	15-V 624	5,100	3,000	25	250



QUICK-STEP INTERFACE PADS

Ideal for working on curved surfaces or when greater flexibility is required. It has a soft foam cushion to increase flexibility and provide a better finish without gouging.

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 long 5/8"-11 spindles **Order No. 07-Q 001**
 For long M14x2.0 spindles **Order No. 07-Z 005**

Tech tip!

Use with polishing pads & instant polish paste to easily obtain a #8 mirror finish



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		10	100
4 1/2"	COARSE, tan	07-R 452	11,000	4,000	10	100
4 1/2"	MEDIUM, maroon	07-R 453	11,000	to	10	100
4 1/2"	FINE, blue	07-R 454	11,000	6,500	10	100
4 1/2"	SUPER FINE, grey	07-R 455	11,000		10	100
5"	X-TRA COARSE, brown	07-R 500	11,000	3,000	10	100
5"	COARSE, tan	07-R 502	11,000	to	10	100
5"	MEDIUM, maroon	07-R 503	11,000	6,500	10	100
5"	FINE, blue	07-R 504	11,000		10	100
6"	X-TRA COARSE, brown	07-R 600	8,600	3,000	10	100
6"	COARSE, tan	07-R 602	8,600	to	10	100
6"	MEDIUM, maroon	07-R 603	8,600	6,500	10	100
6"	FINE, blue	07-R 604	8,600		10	100
7"	X-TRA COARSE, brown	07-R 700	6,800	2,500	10	100
7"	COARSE, tan	07-R 702	6,800	to	10	100
7"	MEDIUM, maroon	07-R 703	6,800	5,000	10	100
7"	FINE, blue	07-R 704	6,800		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



Tech tip!

For best results use a MAX GRIP (MG) Backing Pad with any BLENDEX discs



QUICK-STEP FELT DISCS



Dia.	Order No.	Recommended RPM	Std. Pkg.	Std. Ctn.
4 1/2"	07-T 450	2,500 to 3,500	5	40
6"	07-T 600	2,000 to 3,000	5	40
7"	07-T 700	1,500 to 2,500	5	40

Felt discs

Strong high density Merino felt discs for heavy-duty finishing and polishing jobs



QUICK-STEP HIGH POLISH DISCS



Dia.	Order No.	Recommended RPM	Std. Pkg.	Std. Ctn.
4 1/2"	07-T 454	2,500 to 3,500	10	100
6"	07-T 604	2,000 to 3,000	10	100
7"	07-T 704	1,500 to 2,500	10	100

High polish discs

Special soft polishing disc produces high gloss and mirror finishes faster



QUICK-STEP INSTANT POLISH™ DISCS

Faster solution for achieving a #8 mirror finish



Dia.	Order No.	Recommended RPM	Std. Pkg.	Std. Ctn.
4 1/2"	07-T 456	2,500 to 3,500	10	100
4 1/2"	07-T 457	2,500 to 3,500	2	20
5"	07-T 506	2,000 to 3,000	10	100
5"	07-T 507	2,000 to 3,000	2	20

NEW



▶ Achieve a #8 mirror stainless steel finish in just one step

▶ The polishing paste is pre-applied on the disc

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

POLISHING PASTES



Name	Order No.	Weight approx.	Grit	Std. Ctn.
White paste	07-T 901	600 g	1200-1500	10
Blue paste	07-T 905	650 g	2000	10
New Instant polish paste	07-T 907	1200 g	1200-2000	5



▶ 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 or drying





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



- ▶ Work comfortably in awkward areas, finish at lower speeds and get the most out of all your abrasives.
- ▶ Variable speed dial located on the back of the handle



- ▶ Specifically designed to get the most out of the QUICK-STEP system. From weld deburring through conditioning to weld surface preparation and applying a perfect mirror finish, this kit can effectively handle all of your metal finishing needs.
- ▶ Variable speed dial located at the top of the handle

QUICK-STEP™ STARTER KIT

Kit includes:

- 1 Quick-Step backing pad (07-Q 049)
- 1 Quick-Step FLEX grit 120 (07-Q 512)
- 1 Quick-Step interface pad (07-Q 045)
- 2 Quick-Step XX 120 grit (15-V 412)
- 2 Quick-Step XX 240 grit (15-V 424)
- 2 Quick-Step Blendex coarse (07-R 452)
- 2 Quick-Step Blendex med (07-R 453)
- 2 Quick-Step Blendex fine (07-R 454)
- 1 Quick-Step felt disc (07-T 450)
- 1 Quick-Step high polish (07-T 454)
- 1 mini white polishing paste (07-T 911)
- 1 mini blue mirror finish paste (07-T 915)

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

QUICK-STEP™ FINISHER KIT

Lightweight variable speed tool for economical finishing

Kit includes:

- 1 QUICK-STEP Finisher (30-A 275) with standard equipment plus carrying case
- 1 QUICK-STEP MG backing pad (07-Q 149)
- 1 QUICK-STEP FX (07-X 845)
- 1 QUICK-STEP FLEX 120 grit (07-Q 512)
- 1 QUICK-STEP FLEX 60 grit (07-Q 506)
- 1 QUICK-STEP interface pad (07-Q 045)
- 2 QUICK-STEP XX 120 grit (15-V 412)
- 2 QUICK-STEP XX 240 grit (15-V 424)
- 2 QUICK-STEP Blendex med (07-R 453)
- 1 QUICK-STEP Blendex fine (07-R 454)

Model	Disc Order No.	dia.	Spindle RPM	thread	Motor	Amps	Weight
6275 KIT	30-A 277	4 1/2"	2,000-7,000	5/8"-11	120V A.C. only	12.2	10.2 lbs

QUICK-STEP™ BIG BUFF III KIT

Ergonomical tool for maximum comfort and easy-of-use

Kit includes:

- 1 QUICK-STEP Big Buff III with carrying case (30-A 265)
- 1 QUICK-STEP MG backing pad (07-Q 149)
- 1 QUICK-STEP FX (07-X 845)
- 1 QUICK-STEP Flex 120 grit (07-Q 512)
- 1 QUICK-STEP Flex 60grit (07-Q 506)
- 1 QUICK-STEP Interface pad (07-Q 045)
- 2 QUICK-STEP XX 120 grit (15-V 412)
- 2 QUICK-STEP XX 240 grit (15-V 424)
- 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 white polishing paste (07-T 901)
- 1 blue polishing paste (07-T 905)

Model	Order No.	Disc dia.	RPM	Spindle thread	Motor	Amps	Weight
6265 KIT	30-A 267	4 1/2"	2,000-7,300	5/8"-11	120V A.C. only	12.4	16 lbs

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.

Finishing

SOFTER
Less aggressive

2SF

6SF

6AM

Deburring

HARDER
More aggressive

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
			6SF	07-U 322	18,100	20	200
			6AM	07-U 323	18,100	20	200
6"	1/4"	1"	2SF	07-U 621	5,000	5	40
			6SF	07-U 622	7,500	5	40
			6AM	07-U 623	7,500	5	40
6"	1/2"	1"	2SF	07-U 651	5,000	4	36
			6SF	07-U 652	7,500	4	36
			6AM	07-U 653	7,500	4	36
	1"	1"	2SF	07-U 611	5,000	2	16
			6SF	07-U 612	7,500	2	16
			6AM	07-U 613	7,500	2	16

See reducer bushings on page 62.

BLENDEX U MOUNTED POINTS



Dia.	Length	Grade	Color	Order No.	Max RPM	Std. Pkg.
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 (p. 99)

FELT CUP DISC

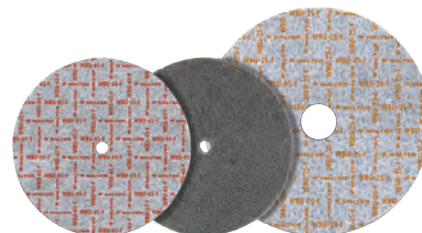
High density felt disc for polishing applications

SPIN-ON



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

- ▶ **Long lasting** Incredible resistance even when working on sharp edges to ensure maximum life and productivity
- ▶ **Superb finish** Consistent and uniform; as close as possible to a mirror finish without the use of pastes
- ▶ **Non loading** Resists loading, which minimizes heat buildup and prolongs the life of the disc
- ▶ **Flexible** Choices of density: either soft for finishing or hard for demanding applications like deburring



- ▶ **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**



- ▶ **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**



- ▶ **For use with polishing pastes**
- ▶ **For use on angle grinders or polishing tools with a suitable speed range**

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.

*Change discs quickly
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.	Color	Flexibility	Order No.	Max. RPM	Std. Pkg.
2"	Orange	Medium	04-X 202	30,000	1
2"	Black	Hard	04-X 203	30,000	1
3"	Orange	Medium	04-X 302	28,000	1
3"	Black	Hard	04-X 303	28,000	1



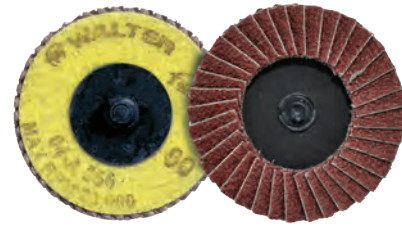
- ▷ Molded polyurethane construction
- ▷ Removable mandrel
- ▷ Surface design ensures uniform disc support
- ▷ Allows for quick disc change-outs

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



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

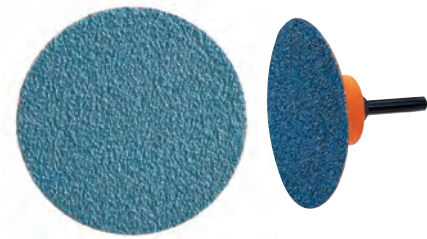
TWIST TOPCUT SANDING DISCS



Dia.	Grit	Colour	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

COLOR CODED FOR EASY IDENTIFICATION

Grit 36 Grit 50 Grit 60 Grit 80 Grit 100 Grit 120



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

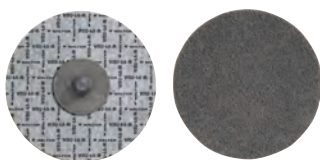
TWIST BLENDEX CONDITIONING DISCS



Dia.	Grit	Color	Order No.	Max. RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
2"	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"	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 removing deep scratches
- 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 rust, 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

See chart on pg. 96 for more details

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



Name	Order No.	Weight approx.	Grit	Std. Ctn.
White paste	07-T 901	600 g	1200-1500	10
Blue paste	07-T 905	650 g	2000	10
New Instant polish paste	07-T 907	1200 g	1200-2000	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
- 2 flap discs (1 ea. grits 40 and 80)
- 15 TOPCUT discs (3 ea. grits 36, 50, 60, 80 and 120)
- 12 BLENDEX discs (3 ea. coarse, medium, fine and super fine)
- 1 FX disc

Order No. 04-Z 992

3" assortment includes:

- 1 medium backing pad
- 10 Topcut discs (2 each, grits 36, 50, 60, 80 and 120)
- 4 Blendex discs (1 each, coarse, medium, fine and super fine)
- 1 FX disc

Order No. 04-Z 993

BRUSHING

SAFETY-MINDED
QUALITY PRODUCTS





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.

Color coded hubs for easy identification

Hub color Wire type



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



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

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.

Choose the right wire brush for your application

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

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 × 1.25	13-D 300	.0118"	12,000	1	10
3"	M14 × 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

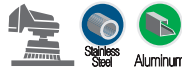


3"	5/8"-11	13-D 324	.0118"	12,000	1	10
4"	5/8"-11	13-D 424	.0118"	8,600	1	10
5"	5/8"-11	13-D 524	.0118"	8,600	1	10



▷ *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 × 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

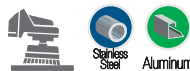


Dia.	Arbor	Order No.	Wire	Max RPM	Std. Pkg.	Std. Ctn.
3"	M10 × 1.25	13-F 300	.015"	12,000	1	10
3"	M10 × 1.5	13-F 301	.015"	12,000	1	10
3"	M14 × 2.0	13-F 302	.015"	12,000	1	10
3"	1/2"-13	13-F 303	.015"	12,000	1	10
3"	5/8"-11	13-F 304	.015"	12,000	1	10
3"	5/8"-11	13-F 354	.020"	12,000	1	10



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

Knot-twisted



3"	M10 × 1.25	13-F 310	.015"	12,000	1	10
3"	M14 × 2.0	13-F 312	.015"	12,000	1	10
3"	5/8"-11	13-F 314	.015"	12,000	1	10

VIDEO





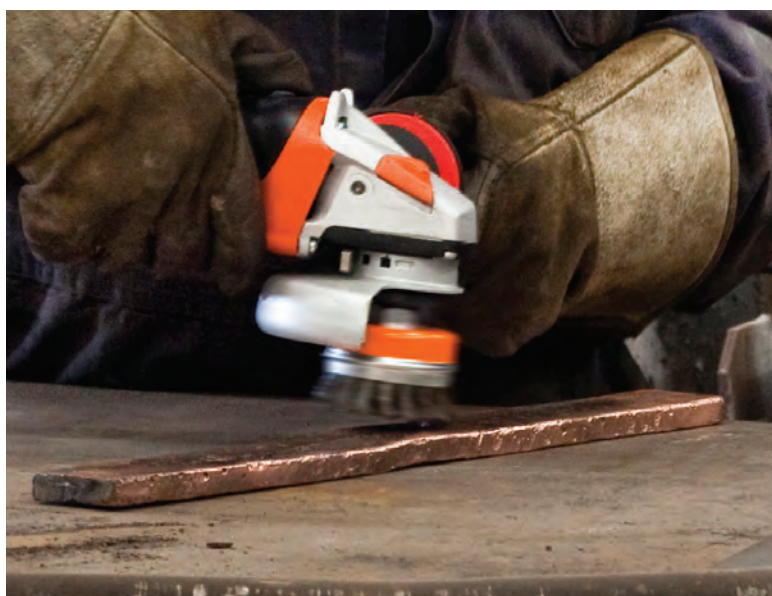
▷ **Knot-twisted with safety supporting ring for heavy-duty brushing**

▷ **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**



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	Thick.	Max RPM	Std. Pkg.	Std. Ctn.
3"	M14 × 2.0	13-G 302	.020"	1/2"	12,000	1	10
3"	1/2"-13	13-G 303	.020"	1/2"	12,000	1	10
3"	5/8"-11	13-G 304	.020"	1/2"	12,000	1	10
4"	5/8"-11	13-G 404	.020"	1/2"	8,600	1	10
5"	5/8"-11	13-G 504	.020"	1/2"	8,600	1	10
5"	5/8"-11	13-G 554	.035"	1/2"	8,600	1	10
6"	5/8"-11	13-G 604	.020"	1/2"	6,800	1	10

Knot-twisted with ring



3"	M14 × 2.0	13-G 312	.020"	1/2"	12,000	1	10
3"	5/8"-11	13-G 314	.020"	1/2"	12,000	1	10
5"	5/8"-11	13-G 514	.020"	1/2"	8,600	1	10

Double-row knot-twisted cup brushes with ring



Dia.	Arbor	Order No.	Wire	Thick.	Max RPM	Std. Pkg.	Std. Ctn.
5"	5/8"-11	13-G 574	.035"	1"	8,600	1	10

Double-row knot-twisted cup brushes with ring



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

WIRE WHEEL BRUSHES

For precision cleaning with angle grinders

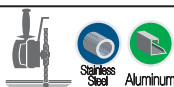
These brushes are made from top quality wire that is perfectly knotted and balanced for minimal vibration and maximum operator safety. Quicker surface cleaning and safer operation make our wire wheel brushes the preferred choice for professionals throughout North America.

Stringer bead



Dia.	Width	Arbor	Order No.	Wire	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	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



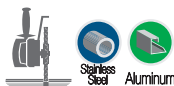
▶ Stringer bead brushes are extra narrow to clean pipe welds between passes, to brush in narrow grooves, etc.

Knot-twisted



Dia.	Width	Arbor	Order No.	Wire	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	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



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

SAUCER-CUP BRUSHES

For cleaning hard-to-reach areas

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



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 or contained surfaces.

Crimped



Dia.	Arbor	Order No.	Wire	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	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	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

Choose the right speed for your application

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

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

	SFM												
APPLICATIONS	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000	9500	10,000	10,500
Removing burrs							5,400 – 7,500						
Cleaning welds										7,200 – 10,500			
Blending edges										4,700 – 7,500			
Removing scale												7,500 – 10,500	
Polishing							6,400 – 7,500						

MOUNTED WIRE BRUSHES

For precision cleaning & deburring

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.

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"	12,000	1	10
Wheel	3"	3/4"	13-C 125	.0118"	12,000	1	10
Wheel	4"	1/4"	13-C 128	.0118"	6,000	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

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
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"	12,000	1	10
Wheel	3"	3/4"	13-C 175	.0118"	12,000	1	10
Wheel	4"	1/4"	13-C 178	.0118"	6,000	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

Knot-twisted



Type	Dia.	Width	Order No.	Wire	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"	25,000	1	10
Saucer-cup	3"	1/2"	13-C 270	.020"	25,000	1	10
Cup	3"	1/2"	13-C 370	.020"	12,000	1	10

Knot-twisted



Type	Dia.	Width	Order No.	Wire	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	Arbor	Order No.	Wire	Max RPM	Std. Pkg.	Std. Ctn.
Wheel	3"	3/8"	3/8" - 1/2"	13-C 303	.0118"	25,000	1	10
Wheel	4"	3/8"	1/2" - 5/8"	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).



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



▷ 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 (ID) of pipes and tubing



Mandrel shown on picture sold separately.

WIRE WHEEL BRUSHES

For bench and pedestal grinders

These brushes are made from industrial quality wire perfectly balanced for smooth running 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.	Tool steel wire	Max RPM	Std. Pkg.	Std. Ctn.
4"	3/4"	1/2"	13-B 040	.0118"	6,000	1	10
6"	3/4"	1 1/4"*	13-B 065	.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
7"	3/4"	1 1/4"*	13-B 075	.0118"	6,000	1	10
7"	7/8"	1 1/4"*	13-B 070	.0118"	6,000	1	10
8"	3/4"	1 1/4"*	13-B 085	.0118"	4,500	1	10
8"	1"	1 1/4"*	13-B 080	.0118"	4,500	1	10
10"	1"	1 1/4"*	13-B 100	.0118"	3,600	1	10



Crimped



Dia.	Width	Arbor	Order No.	Stainless steel wire	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".

▷ Crimped wire has optimal density and wire trim for the most effective brushing action and longest life

▷ For general surface cleaning and deburring applications

Accessory

Replacement set of bushings

Complete set **Order No. 13-B 015**

Knot-twisted



Dia.	Width	Arbor	Order No.	Tool steel wire	Max RPM	Std. Pkg.	Std. Ctn.
6"	5/8"	1 1/4" **	13-B 260	.0118"	9,000	1	10
8"	5/8"	1 1/4" **	13-B 280	.0118"	8,500	1	10

** These brushes come with 1/2" reducer bushings.

** SPECIAL ORDER ITEM. Call for pricing and availability





TOOLING

PREMIUM
CARBIDE BURRS



High strength brazed joint – Stringent manufacturing process guarantees no breakage

- ▷ *Precise manufacturing – Burrs run perfectly true without vibration*
- ▷ *First grade tungsten carbide – For the toughest applications in a wide range of materials*
- ▷ *Exclusive tooth design – Guarantees maximum cutting performance*
- ▷ *Advanced flute geometry – Ensures maximum cutting capacity and chip evacuation from tip to bottom*

CARBIDE BURRS

High performance

These new carbide burrs are made from the highest grade tungsten carbide and are manufactured to ensure perfect concentricity and balance. They offer fast material removal and the longest life in the industry.

1/4" shank ▴, double cut



Burr Dia. x Length	Stn. Lgth Order No.	USCTI Type	6" shank Order No.	Std. Pkg.	Std. Ctn.	USCTI Type
Cylindrical (SA)						
1/4" x 5/8"	01-V 001	SA-1	01-V 601	1	10	SA-1
5/16" x 3/4"	01-V 037	SA-2		1	10	
3/8" x 3/4"	01-V 002	SA-3	01-V 602	1	10	SA-3
7/16" x 1"	01-V 038	SA-4		1	10	
1/2" x 1"	01-V 004	SA-5	01-V 604	1	10	SA-5
Cylindrical round nose (SC)						
1/4" x 5/8"	01-V 005	SC-1	01-V 605	1	10	SC-1
5/16" x 3/4"	01-V 039	SC-2		1	10	
3/8" x 3/4"	01-V 006	SC-3	01-V 606	1	10	SC-3
7/16" x 1"	01-V 040	SC-4		1	10	
1/2" x 1"	01-V 007	SC-5	01-V 607	1	10	SC-5
Ball (SD)						
1/4" x 7/32"	01-V 009	SD-1	01-V 609	1	10	SD-1
3/8" x 5/16"	01-V 010	SD-3	01-V 610	1	10	SD-3
1/2" x 7/16"	01-V 026	SD-5	01-V 626	1	10	SD-5
5/8" x 9/16"	01-V 011	SD-6		1	10	
Tapered (SG)						
1/4" x 5/8"	01-V 044	SG-1	01-V 644	1	10	SG-1
5/16" x 3/4"	01-V 045	SG-2		1	10	
3/8" x 3/4"	01-V 046	SG-3	01-V 646	1	10	SG-3
1/2" x 1"	01-V 013	SG-5	01-V 613	1	10	SG-5
Tree (SF)						
1/4" x 5/8"	01-V 041	SF-1	01-V 641	1	10	SF-1
5/16" x 5/8"	01-V 042	SF-2		1	10	
3/8" x 3/4"	01-V 014	SF-3	01-V 614	1	10	SF-3
7/16" x 1"	01-V 043	SF-4		1	10	
1/2" x 1"	01-V 015	SF-5	01-V 615	1	10	SF-5
Cone (SL)						
1/4" x 5/8"	01-V 017	SL-1 14°		1	10	
5/16" x 7/8"	01-V 051	SL-2		1	10	
3/8" x 1 1/16"	01-V 031	SL-3 14°	01-V 631	1	10	SL-3 14°
5/8" x 3/16"	01-V 052	SL-5	01-V 652	1	10	SL-5
1/2" x 1 1/8"	01-V 032	SL-4 14°		1	10	
Conical (SM)						
1/4" x 1/2"	01-V 047	SM-1		1	10	
1/4" x 3/4"	01-V 048	SM-2		1	10	
1/4" x 1"	01-V 049	SM-3		1	10	
3/8" x 5/8"	01-V 050	SM-4		1	10	
1/2" x 7/8"	01-V 018	SM-5 28°		1	10	
Egg (SE)						
3/8" x 5/8"	01-V 027	SE-3		1	10	
1/2" x 7/8"	01-V 028	SE-5		1	10	
Flame (SH)						
5/16" x 3/4"	01-V 029	SH-3		1	10	
1/2" x 1 1/4"	01-V 030	SH-5		1	10	

1/4" shank ▴, non-ferrous, aluminum and soft metals



Shape	Burr Dia. × Length	Order No.	Std. Pkg.	Std. Ctn.	USCTI Type
CYLINDRICAL (SA)	3/8" × 3/4"	01-V 003	1	10	SA-3
CYLINDRICAL ROUND NOSE (SC)	1/2" × 1"	01-V 008	1	10	SC-5
TREE (SF)	1/2" × 1"	01-V 016	1	10	SF-5
CONE (SL)	3/8" × 1 1/4"	01-V 036	1	10	SL-3

1/4" shank ▴, hard alloys



Shape	Burr Dia. × Length	Order No.	Std. Pkg.	Std. Ctn.	USCTI Type
CYLINDRICAL ROUND NOSE (SC)	1/2" × 1"	01-V 033	1	10	SC-5
TREE (SF)	1/2" × 1"	01-V 034	1	10	SF-5
CONE (SL)	1/2" × 1 1/8"	01-V 035	1	10	SL-4

1/8" shank ▴, double cut



Shape	Burr Dia. × Length	Order No.	Std. Pkg.	Std. Ctn.	USCTI Type
CYLINDRICAL (SA)	1/8" × 9/16"	01-V 020	1	10	SA-43
BALL (SD)	1/8" × 1/8"	01-V 021	1	10	SD-42
TREE (SF)	1/8" × 1/2"	01-V 022	1	10	SF-42
TAPERED (SG)	1/8" × 1/2"	01-V 023	1	10	SG-44
CONE (SL)	1/8" × 1/2"	01-V 024	1	10	SL-42
CONICAL (SM)	1/8" × 7/16"	01-V 025	1	10	SM-42 12°

Burr diameter	Maximum cutting speed (RPM) for standard length burrs	Maximum cutting speed (RPM) for 6" long burrs
1/4"	70,000	35,000
5/16"	68,000	34,000
3/8"	66,000	33,000
7/16"	58,000	29,000
1/2"	50,000	25,000
5/8"	40,000	20,000

For safety reasons, never use the 6" tungsten carbide burrs below 20,000 RPM.

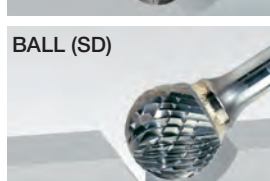
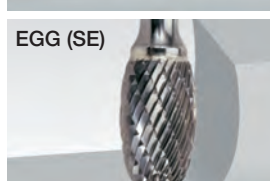
Material	Double cut	Non-ferrous	Material	Double cut	Non-ferrous
Aluminum	-	x	Plastics	x	-
Brass	x	x	Hard rubber	x	-
Bronze	x	-	Steel - 45-55Rc	x	-
Cast iron	x	-	Steel - 55-60Rc	x	-
Copper	-	x	Steel - Carbon	x	-
Carbon fiber	-	x	Steel - Nickel	-	-
Fiberglass	x	-	Chrome	x	-
Inconel	x	-	Steel - Stainless	x	-
Magnesium	-	x	Steel - Weldments	x	-
Plastics	x	-	Titanium	x	-
Hard rubber	x	-	Zinc	-	x

CARBIDE BURR PRODUCTION SET



Contains one of each of the following:
01-V 002, 006, 011, 015 and 018

Order No. 01-V 990K



POWER TOOLS

IMPROVE YOUR
PRODUCTIVITY
WITH POWERFUL
INDUSTRIAL TOOLS



WALTER
QUICK STEP MG PAD
No. 07-Q 149 5/8" - 11
MAX. RPM 11,000



ZIP WHEEL CUTTER

A powerful cordless cutting tool

The ZIP WHEEL CUTTER is a powerful cordless cutting tool that delivers the most cuts and longest battery life when paired with Walter cut-off wheels. It comes with an 18V/ 5.2 Ah battery pack and a Ventilated Charging System, allowing you to charge faster and reduce downtime. This cordless cutter features the DYNAMAX electronic RPM control, which protects the unit from overloading and overheating. It also contains a 270° rotating battery pack so you can adjust the battery for greater comfort while working and offers easy access to the internal carbon brushes.

This cordless cutter features electronic single cell protection, which prevents the cutter from short-circuiting and emptying the battery prematurely. Its special design prevents misalignment and vibration, allowing for more precise cutting and greater operator safety. This cutter is available in two versions, a versatile 4.5"/5" version and a 6" version for greater cutting depth.

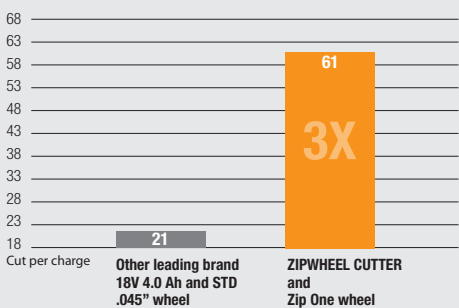
VIDEO



www.walter.com



ZIP WHEEL CUTTER, cuts per charge versus other brand in 1/4" x 2" hot rolled steel plate



Pair the outstanding power of the ZIP WHEEL CUTTER with ZIP One™, the thinnest cutting wheel on the market, and you get 3 TIMES the number of cuts compared to the closest alternative on the market.

More Power = more cuts/charge

Thinner wheel = less friction = less drag on the tool for less energy consumption = more cuts/charge

ZIP WHEEL CUTTER

Go cordless!

Max wheel 6"

(34-B 160) One of only a few cordless tools available on the market that can power a 6" wheel.



Features

- A 270° rotating rear housing**
Allows you to position the battery for added comfort and convenience.
- B Lightweight**
Even with its powerful motor, it's still the lightest tool in its category.
- C DYNAMAX™ electronics**
Ensure that spindle speeds remain constant even under load for maximum productivity.
- D LED indicator on the tool**
When lit, it indicates the overload is engaged. When blinking during battery change, it indicates the trigger is in the "ON" position, but will not automatically start for added safety.
- E Electronic clutch**
Safety feature that prevents the wheel from spinning in the event of a jam.
- F Detachable dust filter**
Protects the tool from dust and other particles. Easy to detach and clean to keep your tool working at maximum efficiency.
- G Electronic single cell protection on battery**
Prevents the battery from overloading / overheating. Prevents shortage or other battery issues that may arise.
- H LED indicators on battery**
Clearly indicates the amount of battery power left in increments of 25%.
- I Beveled gears**
Increase the life of the cordless cutter. More durable when under load than conventional straight gears. Reduces noise as gears are perfectly seated together.
- J Front retaining plate**
Prevents misalignment under heavy load and ensures all pieces are kept firmly in place for increased life.
- K Rear bushing**
Absorbs initial impact and reduces vibration while cutting. Provides added stability and comfort during operation.
- L Spindle lock button**
The spindle lock is operated with one hand leaving the other hand free for mounting abrasives and tightening the clamping nut with a single wrench.
- M Power switch**
Safely positioned for cutting operation.

ZIP WHEEL CUTTER Specifications and Kits

Model	Order No.	dia.	Disc RPM	thread	Spindle Voltage
4 1/2" KIT	34-A 949	4.5"	8,000	5/8"-11	18 V
5" KIT	34-A 950	5"	8,000	5/8"-11	18 V
6" KIT	34-A 951	6"	8,000	5/8"-11	18 V

STANDARD EQUIPMENT 050/060: 1 wheel guard (5" = 48-M 519 / 6" = 48-M 520), 1 Anti-vibration handle (32-B 027), 1 flange (30-B 057), nut (30-B 037).

OPTIONAL ACCESSORY: 4 1/2" guard (48-M 518)

ZIP WHEEL CUTTER KIT includes:

- 1 ZIP WHEEL CUTTER tool with standard equipment plus carrying case
- 2 battery packs 5.2Ah
- 1 ventilated charging station
- 1 closed guard adaptor
- 25 ZIP ONE extra thin cut-off wheels

Exclusive Ventilated Charging System



Battery pack 5.2Ah
Order No.: 34-B 001
More amps for added endurance under load. The only battery that fits with our **Ventilated Charging Station**.



Ventilated Charging Station 110V-18V
Order No.: 34-B 002
Extends battery life. An integrated fan cools down the battery, allowing for a faster battery recharge. LED lights to indicate a power shortage, overheating or full charge level.

Accessories



Closed guard adaptor
Order No. 4-1/2": 34-B 010
Order No. 5": 34-B 011
Order No. 6": 34-B 012
Lightweight and portable. Provides extra protection while cutting. Easily installed onto the cutting guard. Does not hinder changing your cutting wheel.



Carrying case
Order No.: 34-B 013
Conveniently fits your cordless cutter and all standard equipment for added portability.

SANDING / POLISHING TOOLS

QUICK-STEP FINISHER™

Order no. 30-A 275

A compact, lightweight tool for surface finishing & 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.



Additional feature



DIALSPEED™
variable RPM
tool

QUICK-STEP FINISHER™ KIT

Order no. 30-A 277

KIT includes:

- 1 QUICK-STEP Finisher (30-A 275) with standard equipment plus carrying case
- 1 QUICK-STEP backing pad MG (07-Q 149)
- 1 QUICK-STEP FX (07-X 845)
- 1 QUICK-STEP FLEX 120 grit (07-Q 512)
- 1 QUICK-STEP FLEX 60 grit (07-Q 506)
- 1 QUICK-STEP interface pad (07-Q 045)
- 2 QUICK-STEP XX 120 grit (15-V 412)
- 2 QUICK-STEP XX 240 grit (15-V 424)
- 2 QUICK-STEP Blendex med (07-R 453)
- 1 QUICK-STEP Blendex fine (07-R 454)



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 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 7,000
Amperage	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
SPIN-ON™ kit	30-B 024
Pin key wrench	48-Z 148

QUICK-STEP BIG-BUFF III™**Order no. 30-A 265**

The most comfortable & 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.

**Speed control**

Variable speed tool with an electronic speed control dial conveniently located at the top of the handle

QUICK-STEP BIG-BUFF III KIT – 4 1/2"**Order no. 30-A 267****KIT includes:**

- 1 QUICK-STEP Big Buff and carrying case (30-A 265)
- 1 QUICK-STEP backing pad MG (07-Q 149)
- 1 QUICK-STEP FX (07-X 845)
- 1 QUICK-STEP FLEX 120 grit (07-Q 512)
- 1 QUICK-STEP FLEX 60 grit (07-Q 506)
- 1 QUICK-STEP interface pad (07-Q 045)
- 2 QUICK-STEP XX 120 grit (15-V 412)
- 2 QUICK-STEP XX 240 grit (15-V 424)
- 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 white polishing paste (07-T 901)
- 1 blue polishing paste (07-T 905)



Description	QUICK-STEP BIG-BUFF III™
Model name	6265C
Order No.	30-A 265
Lock-on switch	✓
AC compatibility only	✓
Soft-Start™	✓
Restart protection	✓
DYNAMAX™ RPM monitoring	✓
POWERGUARD™ overheat protection	✓
DIALSPEED™ variable RPM selector	✓
Spindle	5/8" - 11
RPM no-load	2,000 to 7,300
Amperage	12.4 A
Power	1500 W
Tool weight	6 lbs
Maximum wheel diameter	6"
Standard equipment	
Side handle	48-A 054
Flange	30-B 057
Manual clamping nut	30-B 037
Pin key wrench	48-Z 148

Setting new standards in industrial linear finishing



“Only the best”

LINE MATE III™

The professional choice for linear finishing

- ✓ First in power and endurance
- ✓ First in control and comfort
- ✓ Powerguard™ – Built-in temperature sensor

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.



Speed control

Variable speed tool with an electronic speed control dial conveniently located at the top of the handle

LINE-MATE III™ KIT

Order no. 30-A 269

KIT includes:

- 1 LINE-MATE III with standard equipment plus 1 carrying case
- 1 pneumatic drum (07-F 051)
- 6 cloth drum belts:
 - 2 Drum Belts 60 grit (07-F 506)
 - 2 Drum Belts 80 grit (07-F 508)
 - 2 Drum Belts 120 grit (07-F 511)
- 2 BLENDEX drum belts:
 - 1 coarse (07-H 502)
 - 1 medium (07-H 503)
- 1 Two-in-one drum
 - 4 1/2" x 4" (07-K 442)
- 1 BLENDEX drum
 - 4 1/2" x 4" medium (07-M 443)



Description	QUICK-STEP LINE-MATE III™
Model name	6268C
Order No.	30-A 268
Lock-on switch	✓
AC compatibility only	✓
Soft-Start™	✓
Restart protection	✓
DYNAMAX™ RPM monitoring	✓
POWERGUARD™ overheat protection	✓
DIALSPEED™ variable RPM selector	✓
Spindle	5/8" - 11
RPM no-load	1,000 to 3,800
Amperage	12.4 A
Power	1500 W
Tool weight	6 lbs
Maximum wheel diameter	4.5" diameter x 4" length
Standard equipment	
Side handle	48-A 034
Manual clamping nut	30-B 037
Pin key wrench	48-Z 148
Flange	30-B 057

ACCESSORIES



Reusable adaptor kit

For depressed
center wheels

Order No. 08-B 031



Mandrels for ZIP wheels

Flush mounting mandrels

with 1/4" shaft, for wheel thickness up to 1/8"

Order No.

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"

Order No.

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



General purpose mandrels

with 5/16" shaft

Order No.

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

11-L 005

Special "Top-Up" lubricants

For models: 6145, 6150, 6161, 6170,
6190, 6255, 6260, 6265, 6268, 6330,
6350, 6352, 6360 and 6362.

Order No. 48-Z 392



Carbon brush Diamond brush seating stick

Order No. 48-Z 449



Spouts



53-L 113*

53-L 207*

53-L 209

53-L 210*

* Allows to fill 16.9 oz. trigger sprayer bottles or any other larger container directly.

Description	Order No.
Spout for 1.3 gal plastic pail	53-L 113
Spout for 5.3 gal square plastic pail	53-L 207
Spout for 55 gal plastic drum	53-L 209, 2" NPT and 53-L 210, 3/4" NPT
Spout for 52.8 gal metal drum	53-L 209, 2" NPT

Mounting accessories for FX wheels Extension mandrels for use on angle grinders

5/8"-11 thread

07-C 006

Two wheels can be mounted on each mandrel.



1/4" shaft for TWIST backing pads

with 1/4"-20 thread

For 2" and 3" pads

Order No. 04-X 001



Wheel dressers

For bench grinder wheels

Standard type

Order No. 12-E 001

Heavy-duty

Order No. 12-E 002



Replacement wheels

Set for 12-E 001

Set for 12-E 002

Order No.

12-E 004

12-E 005

Accessories for air grinders

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

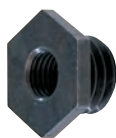


Wire brush adaptors and mandrels

(Pages 105-108)

Use these threaded adaptors to convert brushes with $\frac{5}{8}$ "-11 arbor

	Order No.
To M10 \times 1.25 female	13-D 001
To M10 \times 1.5 female	13-D 002
To $\frac{3}{8}$ "-24 female	13-D 003
To $\frac{3}{8}$ "-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



Clamping flanges

Clamping flange set to mount

9" cut-off wheels on

$\frac{5}{8}$ "-11 spindles

Order No. 30-B 022



SPIN-ON performance kit

Contains 1 universal clamping nut holder for all types of clamping flanges. Allows quick and easy storage of clamping flange when not in use to prevent accidental loss.

Also includes 2 silicone rings.

Order No. 30-B 024



Mounting flanges

$\frac{5}{8}$ "-11 clamping nut for 6150, 6161, 6170, 6190, 6255, 6260, 6350 and 6360.

Order No. 30-B 037



Quick release backing flange

For quick and easy removal of wheel

Order No. 30-B 057

Special heat resistant silicone ring for retention of the back flange to the spindle.

Package of 10.

Order No. 30-B 027



Quick release nut

Quick nut $\frac{5}{8}$ "-11 Order No. 30-B 020



Flanges for flush mounting wheels

Flush mounting set

for other brands of grinders with:

$\frac{5}{8}$ "-11 spindle 30-B 021
(includes special flange and clamping nut)



Thick backing flange for Walter grinders that do not have a built-in stabilizer:

$\frac{5}{8}$ "-11 spindles Order No. 30-B 017



Spacer washers

For grinders with:

$\frac{5}{8}$ "-11 spindle 07-Q 001

M14 \times 2.0 spindle

Order No. 07-Z 005



Pin keys

For all other

clamping nuts

Order No. 48-Z 148



Working gloves

Made of 100% Black Goatskin leather, with a neoprene insert that reduces vibrations. The thumb curve is made with Kevlar™, a natural anti-slip solution.

Size Order No.

Large 30-B 093

Extra-Large 30-B 095



Refillable trigger sprayer

Clearly identified with product specific labels showing product features, GHS information and directions for use.



Description	Size		Order No.	Std Pkg
	Metric	US Gal		
E-Weld	500 ml	16.9 oz	53-L 321	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



Product Listing

Order No.	Description	Page	Order No.	Description	Page
01V001	CARBIDE BURR	109	04A254	2-1/2" TWIST FLAP DISC - GR40	98
01V002	CARBIDE BURR	109	04A256	2-1/2" TWIST FLAP DISC - GR60	98
01V003	CARBIDE BURR-ALU	110	04A258	2-1/2" TWIST FLAP DISC - GR80	98
01V004	CARBIDE BURR	109	04A262	2-1/2" TWIST FLAP DISC - GR120	98
01V005	CARBIDE BURR	109	04D203	2" TWIST TOPCUT DISC - GR 36	98
01V006	CARBIDE BURR	109	04D205	2"TWIST TOPCUT DISC - GR 50	98
01V007	CARBIDE BURR	109	04D206	2" TWIST TOPCUT DISC - GR 60	98
01V008	CARBIDE BURR-ALU	110	04D208	2"TWIST TOPCUT DISC - GR 80	98
01V009	CARBIDE BURR	109	04D210	2" TWIST TOPCUT DISC - GR 100	98
01V010	CARBIDE BURR	109	04D212	2" TWIST TOPCUT DISC - GR 120	98
01V011	CARBIDE BURR	109	04D303	3" TWIST TOPCUT DISC - GR 36	98
01V013	CARBIDE BURR	109	04D305	3"TWIST TOPCUT DISC - GR 50	98
01V014	CARBIDE BURR	109	04D306	3" TWIST TOPCUT DISC - GR 60	98
01V015	CARBIDE BURR	109	04D308	3" TWIST TOPCUT DISC - GR 80	98
01V016	CARBIDE BURR-ALU	110	04D310	3" TWIST TOPCUT DISC - GR 100	98
01V017	CARBIDE BURR	109	04D312	3" TWIST TOPCUT DISC - GR 120	98
01V018	CARBIDE BURR	109	04G202	2" BLENDEX TWIST - COARSE	98
01V020	CARBIDE BURR	110	04G203	2" BLENDEX TWIST - MED	98
01V021	CARBIDE BURR	110	04G204	2" BLENDEX TWIST - FINE	98
01V022	CARBIDE BURR	110	04G205	2" BLENDEX TWIST - S. FINE	98
01V023	CARBIDE BURR	110	04G302	3" BLENDEX TWIST - COARSE	98
01V024	CARBIDE BURR	110	04G303	3" BLENDEX TWIST - MED	98
01V025	CARBIDE BURR	110	04G304	3" BLENDEX TWIST - FINE	98
01V026	CARBIDE BURR	109	04G305	3" BLENDEX TWIST - S. FINE	98
01V027	CARBIDE BURR	109	04L200	2" TWIST FX DISC	99
01V028	CARBIDE BURR	109	04L300	3" TWIST FX DISC	99
01V029	CARBIDE BURR	109	04T204	TWIST FELT DISC	99
01V030	CARBIDE BURR	109	04T304	TWIST FELT DISC	99
01V031	CARBIDE BURR	109	04U321	3" BLENDEX U TWIST-2SF	99
01V032	CARBIDE BURR	109	04U322	3" BLENDEX U TWIST-6SF	99
01V033	CARBIDE BURR	110	04U323	3" BLENDEX U TWIST-6AM	99
01V034	CARBIDE BURR	110	04X001	1/4 SHAFT TWIST BACKING PAD	119
01V035	CARBIDE BURR	110	04X202	2"TWIST BACKING PAD - MED	97
01V036	CARBIDE BURR - ALU	110	04X203	2"TWIST BACKING PAD - HARD	97
01V037	CARBIDE BURR -	109	04X302	3"TWIST BACKING PAD - MED	97
01V038	CARBIDE BURR -	109	04X303	3" TWIST BACKING PAD - HARD	97
01V039	CARBIDE BURR -	109	04Z992	TWIST STARTER KIT 2"	99
01V040	CARBIDE BURR	109	04Z993	TWIST STARTER KIT 3"	99
01V041	CARBIDE BURR -	109	06A452	4-1/2 X 5/8 ENDUROFLEX TURBO	69
01V042	CARBIDE BURR -	109	06A462	4-1/2 x 7/8 GR36/60 ENDUROFLEX TURBO	69
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07M445	4-1/4X4"BLEND DRUM-SFINE	86
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07Q054	5" QS PAD 5/8"-11	91
07Q060	6" QS INTERFACE PAD DISC	93
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07R503	5" QS BLENDEX/MEDIUM	94
07R504	5" QS BLENDEX/FINE	94
07R600	6" QS X TRA CUT	94
07R602	6" QS BLENDEX/COARSE	94
07R603	6" QS BLENDEX/MEDIUM	94
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07R700	7" QS X TRA CUT	94
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15F012	1-1/2X3/8X120 FLAP WHEEL	79	15M054	5" TURBO PAD - BLACK	78
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15X505	5" GR50 COOLCUT XX	75
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THE WALTER SAFETY APP

SAFETY AT YOUR FINGERTIPS!

Instantly access essential safety information while on the job! This exclusive Walter app features a number of useful tools to help you work more efficiently.

USEFUL TOOLS INCLUDE:

- **Abrasive speed chart**
- **Unit converter**
- **Grinding angle identifier**
- **And so much more!**
- **Tooling speed chart**

Also get our **Walter RADR** app and **Bio-Circle** Cleaner Selector app designed to quickly and easily select the right tools for the application at hand.





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.



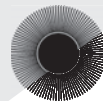
SANDING DISCS

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: **1-866-592-5837**.

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