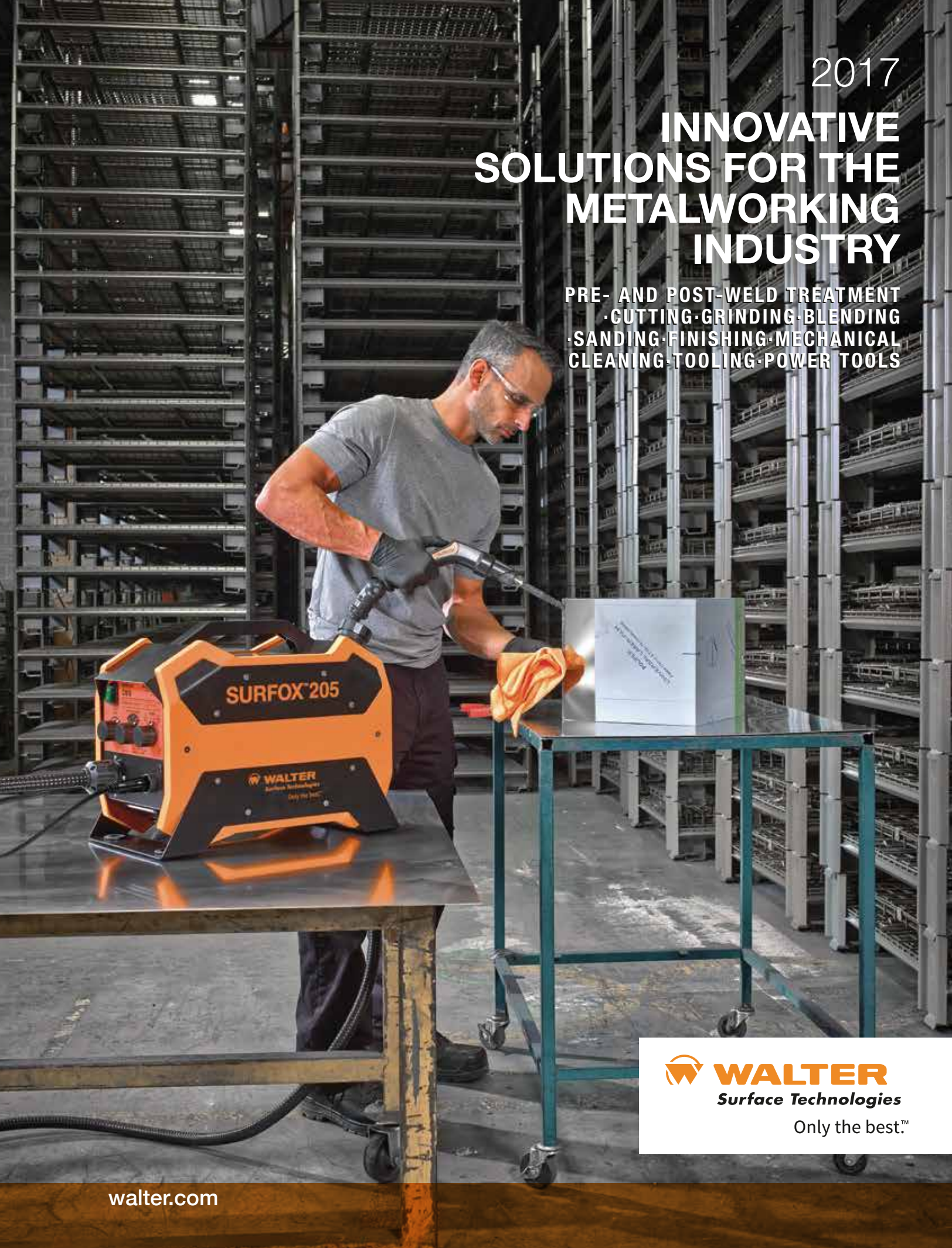


2017

INNOVATIVE SOLUTIONS FOR THE METALWORKING INDUSTRY

PRE- AND POST-WELD TREATMENT
· CUTTING · GRINDING · BLENDING
· SANDING · FINISHING · MECHANICAL
CLEANING · TOOLING · POWER TOOLS



WALTER
Surface Technologies

Only the best.™



HELPING CUSTOMERS WORK BETTER **THAT'S WHAT WE DO**

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, maximizing every dollar spent on consumables.



Productivity Reports

Working to positively impact your business

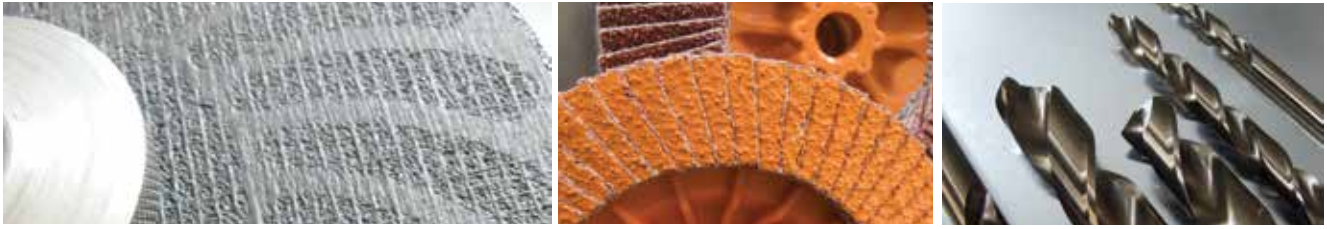
Accompanying every Bucket Program analysis, a detailed productivity report comparing Walter products versus competitive products in terms of yearly usage, removal, labor time and cost, product life and product cost. The goal of the productivity report is to provide you with all the facts in hand, so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



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



PRODUCTS WITH EXCLUSIVE TECHNOLOGY **THAT HELP YOU WORK BETTER DAY AFTER DAY**

INNOVATION and the drive to maximize performance and productivity have been central to the Walter identity since 1952. Our core philosophy centers on contributing to your success by helping you work better, and we strive to accomplish this by providing you with industry leading support services in addition to our award winning products. Below are a few examples of how we aim to continuously improve our customer support capabilities so that we can continue to help workers around the world.



Product Demonstration

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



The Money Maker Guarantee

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



Industry Best Training

Experience hands-on training from our product experts

Touring our facility, you will get a chance to meet the dedicated people behind the scenes. While training, you will work with our professional Product Management Team responsible for the innovation that helps drive business for you. Our Training Managers and/or your Regional Sales Manager will tie it all together.

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

NEW PRODUCTS FOR 2017



SURFOX™ 205

Next generation electrochemical weld cleaning system

Our new **SURFOX 205** uses an electrochemical process to clean and passivate TIG and spot welds on stainless steel or aluminum. This sleek, powerful machine replaces time consuming manual operations like using wire brushes or extremely hazardous solutions like pickling pastes, allowing operators to work faster and safer while taking time and cost out of the job.



MINI SURFOX™

Portable cleaning and passivation of welds on stainless steel and aluminum

Like the SURFOX 205, the redesigned **MINI SURFOX** has been engineered to allow operators to clean TIG or spot welds on aluminum as well as stainless steel. This unit features a compact, lightweight design that makes it ideal for field work such as equipment repairs, installation or touch-up work.



SURFOX-M ALU

Marking solution for aluminum

The next generation of SURFOX machines can now clean and mark aluminum in addition to stainless steel. Simply use **SURFOX-M Alu** with one of our marking kits to create a black mark on any aluminum surface. This offers an excellent, economical replacement for stickers and labels.



E-WELD PLASMA

Long lasting anti-spatter protection for laser and plasma cutting tables

E-WELD Plasma is a ceramic anti-spatter solution that is applied to laser and plasma cutting tables to reduce the buildup of slag. By using our arm-mounted applicator, you can quickly and easily coat large surface areas. This simple preventative measure significantly decreases the amount of time needed to clean slag off cutting tables, saving you time and money.



FLEXSTEEL™

High performance flap disc optimized for use on low powered tools

FLEXSTEEL is the newest addition to the Walter flap disc line. It features a unique zirconia alumina grain blend that micro fractures with less pressure than the grains used in our Enduro-Flex product. This means that while **ENDURO-FLEX** still provides more life and a higher removal rate in most applications, **FLEXSTEEL** actually provides a better solution for workers who use power tools with less than 8.0 Amps of electrical current. These power tools often bog down under pressure, slowing the RPM and causing abrasives to glaze or wear down prematurely.

NEW PRODUCTS FOR 2017



XCAVATOR™ with COMFORT MAX™ Technology

Features a patented hub design to minimize vibration, improving ergonomics and performance

We've reinvented the grinding wheel with the new and improved **XCAVATOR**, now featuring our patented **COMFORT MAX™ Technology**. This new technology in the hub of the wheel reduces vibration, which creates a more comfortable, more ergonomic grinding experience for the operator.



ERGOFLEX™

For when employee safety and ergonomics are top priorities

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



RAIL-MATE™

Remove welds and finish pipes, tubes and railings faster

Walter is proud to unveil a new power tool that allows you to use our premium abrasive products in a new belt format to finish pipes, tubes and railings. This powerful finishing tool features our **Soft-Start™** technology to avoid kickback when starting the tool, **DialSpeed™** variable speed control and **Dynamax™** RPM Monitoring to maintain consistent speed under load.



ULTI-MATE™

Variable speed fillet weld grinder

Ulti-Mate™ is a new variable speed fillet weld grinder and finishing tool designed to work in tight corners that other tools have a difficult time reaching. By combining this tool and our range of quality abrasives, you can go from a rough weld all the way to a mirror finish in just minutes. Also, features Soft-Start, DialSpeed and Dynamax technology for premium safety and performance.



ICECUT 300™ AND ICECUT 400™

Powerful magnetic drills for drilling wider and deeper holes

These innovative magnetic drills were engineered with operator safety and ergonomics as a priority. Like our Icecut 100 and 200 models, the magnetic base will not engage on non-ferrous materials, helping to prevent workplace accidents or unsafe working conditions. Each model features multiple speeds, a built-in amp meter, and the ability to accommodate larger annular cutters and lower speeds than our other models.

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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 metal

Charcoal for carbide

Titanium

Dark grey for mill scale

Light grey for hard metal

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.

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

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 VOC's. Products where you see the VOC-free logo guarantee that they contain no VOC's.



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.



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.



Accepted for use in food plants

Products with this logo presented are accepted for use in food plants within Canadian borders.



01

PRE- AND POST-WELDING TREATMENT

INNOVATIVE WELDING
SOLUTIONS

WALTER
Surface Technologies

SURFOX 304
MIG & TIG

SURFOX

SURFOX

SURFOX WELD CLEANING

Features and benefits

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

SURFOX VIDEO



www.walter.com

Also visit surfox.com website for more details

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.

Electrochemical Weld Cleaning Systems for Stainless Steel and Aluminum




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

Passivation

Why is passivation important?

Stainless steel is naturally able to resist corrosion thanks to a passive chromium oxide layer that forms on its surface. The formation of this protective layer is called passivation. Abrasion or excessive heat (caused by welding) will destroy this protective layer and expose the metal to corrosion. In order to fully restore the corrosion resistance of stainless steel, heat tint and other surface contaminants must be removed. SURFOX is a safe, effective and fast electrochemical cleaning system. The rate of cleaning welds with this system is between 3-5 feet per minute. The SURFOX system combines both the cleaning power of electrical current and the passivation properties of electrolyte cleaning solutions. Passivation begins instantly after the SURFOX electrochemical cleaning process is completed. It usually takes between 24 to 48 hours for passivation to be stable and complete.

How to choose a SURFOX system

Material	Welding process	Work environment	Application	SURFOX system
Stainless Steel	MIG and TIG	Production	Cleaning, electro polishing, marking and etching	SURFOX 304 
Stainless steel or aluminum	TIG (stainless steel) MIG and TIG (aluminum)	Production	Cleaning, electro polishing, marking and etching	SURFOX 205 
Stainless steel or aluminum	TIG (stainless steel) MIG and TIG (aluminum)	Portable	Cleaning, electro polishing, marking and etching	SURFOX Mini 



SURFOX™ 304 MIG & TIG

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

The SURFOX 304 is our 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.

Features and benefits

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

VIDEO



www.walter.com

Unit specifications

Model	Order No.	Electrical		Dimensions			Tank capacity	Length of hose	Weight
		Input	Output	Length	Width	Height			
304	54-D 314	120 V, 50/60 Hz, 8.0 A	12-30 V AC/DC, 30 A max	20.67"	9.84"	14.57"	64.2 oz	13'	48.5 lbs

Each unit comes with: 1 x Tungsten insert (48-R 133), 3 x standard high conductivity cleaning pads (54-B 026), 1 x Teflon ring (54-B 002), 1 x SURFOX 304 wide carbon fiber brush (54-B 115), 1 x wand holder accessory (54-B 114), 1 x SURFOX 304 narrow carbon fiber brush (54-B 116), 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

SURFOX 304 ACCESSORIES

▼ Recommended for cleaning MIG welds



Reusable brush adaptor for large wand
Order No.: 54-B 099

Wide carbon fiber brush with removable rings
5 per package
Order No.: 54-B 115

▼ Recommended for cleaning TIG welds



Tungsten insert 90°
Order No.: 48-R 133

Standard cleaning pad
46 mm L x 24 mm W x 4 mm T
10 per package plus clamp ring
Order no: 54-B 026

▼ Recommended for tight corners



Reusable brush adaptor for large wand
Order No.: 54-B 099

NEW
Carbon fiber brush with removable rings
5 per package
Order No.: 54-B 116

▼ Recommended for renewing large surfaces



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

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

NEW

SURFOX™ 205

For TIG and spot welds on stainless steel and aluminum

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



Features and benefits

- ▷ **Built-in fume elimination system** (requires a compressed air line)
- ▷ **Switchable output:**
 - AC Mode: cleaning & marking
 - DC Mode: polishing & etching
- ▷ **Redesigned pump and tank for maximum efficiency**
- ▷ **New Quick-Connect system allows you to quickly change between 4 m and 9 m long wand assemblies (9m wand sold separately)**

Unit specifications

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

Each unit comes with: 1 x Tungsten insert (48-R 133), 3 x standard high conductivity cleaning pads (54-B 026), 1 x Teflon ring (54-B 002), 1 x carbon fiber brush (54-B 118), 1 x brush adaptor (54-B 099) 1 x ground cable (48-R 136), 1 x user guide, 1 x DVD, 1 x carrying case

SURFOX 205 ACCESSORIES

▼ Recommended for cleaning TIG welds



Tungsten insert 90°
Order No.: 48-R 133



Standard cleaning pad
46 mm L x 24 mm W x 4 mm T
10 per package plus clamp ring
Order no: 54-B 026

▼ Recommended for renewing large surfaces



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



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

▼ Recommended for tight corners



Reusable brush adaptor for large wand
Order No.: 54-B 099



Carbon fiber micro-brush
Order No.: 54-B 118

▼ Replacement wand assemblies



4 m long Order no: 54-B 125
9 m long Order no: 54-B 126

SURFOX MINI™

NEW

The ideal unit for field or repair work

The ergonomically designed SURFOX Mini comes equipped with a variable power setting that ensures a perfect finish on even the most delicate surfaces. This unit utilizes refillable electrolyte cartridges instead of an integrated tank to reduce the weight and increase portability. Excellent for use on repairs, touch-ups and small jobs. This newly redesigned unit can clean TIG or spot welds on stainless steel and MIG, TIG or spot welds on aluminum. It can also mark stainless steel, aluminum and titanium surfaces with the use of a SURFOX marking kit.

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.



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

Each unit comes with: 1 micro-wand, 1 x micro-wand holder (48-R 286), 1 x micro wand holder extension sleeve (48-R 460), 1 x narrow tungsten insert (54-B 038), 1 x narrow cleaning pad (54-B 028), 1 x teflon ring (54-B 020), 1 x carbon fiber micro-brush 54-B 117, 1 x adaptor for micro-brush 54-B 100, 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

SURFOX MINI ACCESSORIES

▼ Recommended for cleaning TIG welds



Narrow Tungsten Insert
Order No.: 54-B 038

Narrow cleaning pad
46 mm L x 24 mm W x 4 mm T
10 per package plus clamp ring
Order no: 54-B 028

▼ Recommended for renewing large surfaces



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

Large pad for graphite insert
Pack of 10 with O-ring
Order No.: 54-B 051

▼ Recommended for tight corners



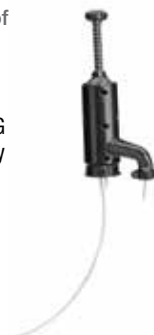
**Spare brush adaptor
for Micro-Wand**
Order No.: 54-B 100

Carbon fiber micro-brush
Order No.: 54-B 117

▼ Replacement pump for refilling cartridges of SURFOX electrolytes

Cartridge refiller

Use this pump to buy SURFOX-T or SURFOX-G in bulk packaging and save even more money (included with every new SURFOX MINI; replacement part only)
Order No.: 54-B 092



SURFOX SOLUTIONS

NSF



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 or aluminum
- ▷ pH neutral, non acidic
- ▷ Less fumes than acid-based solutions
- ▷ Safe alternative to pickling paste and strong acids
- ▷ Non-corrosive
- ▷ Salt-based
- ▷ Compatible with all SURFOX machines
- ▷ Lower environmental impact

Description	Size		Order No.	MSDS	Std Pkg
	Metric	US Gal			
Cartridge	100 ml	3.4 oz	54-A 061	S-14E	4
Liquid	1.5 L	51 oz	54-A 065	S-10E	1
Liquid	5 L	1.3 gal	54-A 066	S-10E	1
Liquid	20 L	5.2 gal	54-A 067	S-10E	1
Liquid	208 L	55 gal	54-A 068	S-10E	1

Color: Translucent

NSF



SURFOX-T™

Heavy-duty formula

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

NSF category A3, registration #142984

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

Description	Size		Order No.	MSDS	Std Pkg
	Metric	US Gal			
Cartridge	100 ml	3.4 oz	54-A 001	S-01E	4
Liquid	1.5 L	51 oz	54-A 005	S-01E	1
Liquid	5 L	1.3 gal	54-A 006	S-01E	1
Liquid	20 L	5.2 gal	54-A 007	S-01E	1
Liquid	208 L	55 gal	54-A 008	S-01E	1

Color: Translucent

NSF



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.	MSDS	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

Color: Translucent

Tech tip! Use with SURFOX-T drum pump 54-B 106

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.	MSDS	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

Color: Orange

SURFOX™ RENEW

High strength stainless steel cleaner

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

Benefits

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

Features

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



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

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

Color: Light orange

SURFOX™ SHINE

Cleaner and protector for stainless steel

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

NSF category A7, C1, registration # 152509

Benefits

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

Features

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



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

Color: White

OTHER SURFOX ACCESSORIES

High conductivity cleaning pads

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



Standard cleaning pad
Order No.: 54-B 026
 46 mm L x 24 mm W x 4 mm 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
 60 mm L x 38 mm W x 2 mm 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
 46 mm L x 24 mm W x 2 mm T
 Use with insert 54-B 038
 10 per package plus
 clamp ring



Large pads for large graphite insert
Order No.: 54-B 043
 90 mm L X 50 mm W X 2 mm T
 Pack of 10 with O-ring



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

High conductivity cleaning boots

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



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



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

For SURFOX 205 and 304 models



**Large pad for graphite insert
 for SURFOX 304**
Order No.: 54-B 052
 5 per package



**Large graphite insert
 for SURFOX 205 and 304**
Order No.: 54-B 009
 45 mm W - Ideal for surface
 renewing or restoring, and to clean
 the back of MIG welds



Tungsten insert 90°
Order No.: 48-R 133



**Narrow tungsten
 insert 90°**
Order No.: 54-B 017

For all models



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



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



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



SURFOX Powercloth
Order No.: 54-B 090



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



**Spare brush adaptor
 for Micro-Wand**
Order No.: 54-B 100



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



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



SURFOX station
 With its sturdy and industrial design, the
 SURFOX station has been designed to
 make it easy to move your SURFOX system
 throughout your work environment while
 allowing for the storage of various cleaning
 agents and accessories.
Order No.: 54-B 050

SURFOX MARKING KITS



Go ahead, make your mark!

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



STANDARD MARKING KIT

Order No.: 54-B 080

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

The standard kit includes:

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



PRO MARKING KIT

Order No.: 54-B 081

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

The PRO kit includes:

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

ACCESSORIES FOR MARKING KITS

For marking stainless steel and titanium

SURFOX-M marking solution

100 ml squeeze bottle
NSF category P1, registration #146175

Order No.: 54-A 031

Also available in 5 L format

Order No.: 54-A 036



NEW

For marking aluminum

SURFOX-M ALU electrolyte solution

100 ml squeeze bottle

Order No.: 54-A 131

Also available in 5 L format

Order No.: 54-A 136



For etching stainless steel

SURFOX-E etching solution

100 ml squeeze bottle

Order No.: 54-A 041



Marking pads

Pack of 20

Order No.: 54-B 083



Power cable

Order No.: 54-B 063



Graphite marking insert

Order No.: 54-B 088



O-rings

Pack of 5

Order No.: 54-B 089



Marking wand

Order No.: 54-B 082



Stencil paper roll

100 mm x 20 m

Order No.: 54-B 086

100 mm x 50 m

Order No.: 54-B 087



Permanent stencils

Can be used up to 200 times.

25 mm X 15 mm

Order No.: 54-B 075

54 mm X 32 mm

Order No.: 54-B 076

85 mm X 27 mm

Order No.: 54-B 071

85 mm X 54 mm

Order No.: 54-B 077

128 mm X 85 mm

Order No.: 54-B 078

170 mm X 54 mm

Order No.: 54-B 072

170 mm X 108 mm

Order No.: 54-B 073

257 mm X 170 mm

Order No.: 54-B 074

Marking on aluminum using customizable stencil paper rolls



SURFACE MEASURING SYSTEMS



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

The SURFOX™ 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.

Bluetooth | Wi-Fi | 

Updated App for 2017

App 2.0 now allows you to work offline and sync the results when you have Internet access

- ▷ *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*
- ▷ *Minimize costly downtime caused by reworks*
- ▷ *Non-destructive test method – will not damage stainless steel piece when used properly**

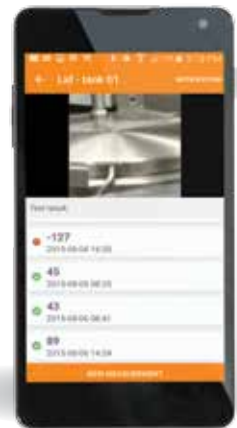
*Requires neutralization with SURFOX-N



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



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



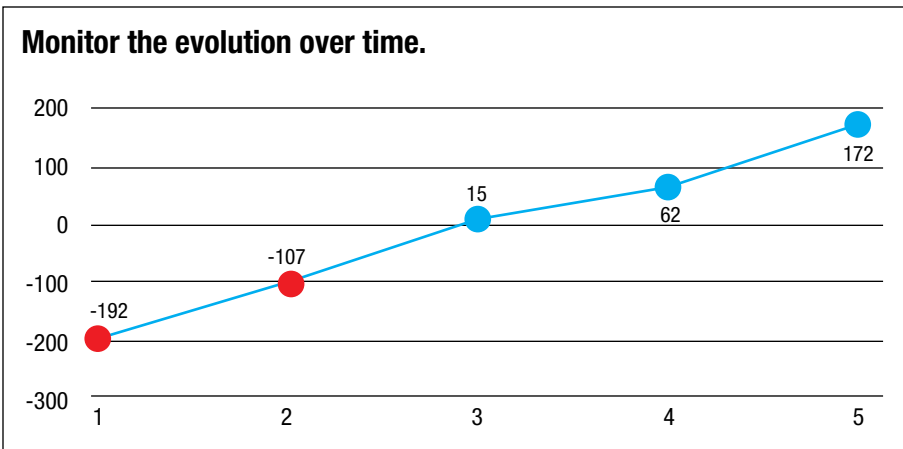
Results are measured and stored within seconds.



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.



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 being worked with to help improve your quality control process.

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*

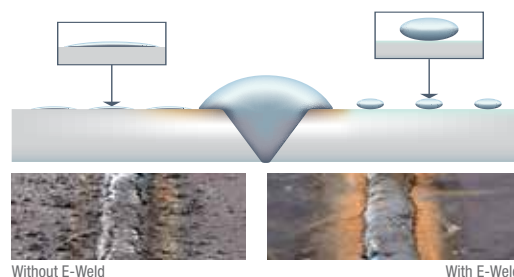


Accessories

Manganese reagent	Order No.: 54-A 052
Blotter papers (pkg 100)	Order No.: 54-B 044
White felt tips (pkg 5)	Order No.: 54-B 045
Molybdenum reagent (100 ml)	Order No.: 54-A 051



ANTI-SPATTER SOLUTIONS











Why use anti-spatter solutions?

When small pieces of molten metal fly off the welding arc, the spatter, or slag, lands on weld surfaces around seams. As it cools and hardens on the surface 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 workpiece. 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.

Selection chart

Required protection	Amperage range	Advantages	Products
Nozzle protection	Very high temp	Ceramic / Resists to up to 1000° C	 E-WELD Nozzle
	High temp	Practical magnetic gel dispenser	 E-WELD Gel
Anti-spatter	100-400 Amps Very high temp	Multi pass, stainless steel, cleaning surface prior to welding	 E-WELD 3  AF-WELD HT
	100-225 Amps high temp	Corrosion protection and reduced porosity	 E-WELD 4  AF-WELD
Cutting table protection	Very high temp	Corrosion protection	 E-WELD
		Prevents adhesion of slag to slats on cutting tables	 E-WELD Plasma



E-WELD NOZZLE

Total nozzle protection for best efficiency

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

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



Nozzle using E-Weld Nozzle



Nozzle fully clogged (not using E-WELD Nozzle)

Unique self-dispensing applicator easily dispenses highly concentrated ceramic coating

PROTECTING WELDING NOZZLES FOR UP TO 8 HOURS

VIDEO

How to properly install and use E-WELD Nozzle



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

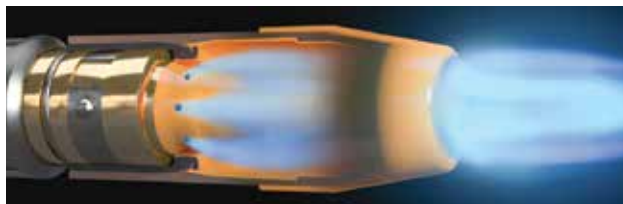
Color: Orange

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.



End-result is a consistent, good 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, creating obstruction. This prevents the shielding gas to flow freely and heat the wire evenly.



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



Results in virtually no rejected pieces!



E-WELD GEL™

Anti-spatter gel

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

Benefits

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

Features

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



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

Color: Translucent

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

E-WELD NOZZLE

Total nozzle protection for up to 8 hours!

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



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



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

VIDEO





E-WELD PLASMA™

Long lasting protection for laser and plasma cutting tables

E-WELD Plasma is a ceramic anti-spatter solution that is applied to laser and plasma cutting tables to reduce the buildup of slag over time. By using our ergonomic arm-mounted sprayer, you can quickly coat large surface areas.

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

Description	Size		Order No.	MSDS	Std Pkg
	Metric	US Gal			
Sprayer	-----	-----	53-L 125	-----	1
Liquid	10 kg	22 lbs	53-F 605	L-142E	1

Color: White

Benefits

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

Features

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

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



Tech tip! Only requires a thin protective film to prevent spatter adhesion.



E-WELD™

General purpose anti-spatter emulsion

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

Features

- ▷ Does not interfere with paint adhesion
- ▷ 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: 100-225 A



Description	Size		Order No.	MSDS	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	3.78 L	1 gal	53-F 205	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 workpiece and protects it from high energy spatter, eliminating an extra step in the welding process while avoiding costly rework. E-WELD 3 is often the preferred solution for use on stainless steel and aluminum alloys.

NSF category P1, registration #145451

Benefits

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

Features

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



Description	Size		Order No.	MSDS	Std Pkg
	Metric	US Gal			
Sprayer	500 ml	16.9 oz	53-F 253	L-46E	12
Liquid	3.78 L	1 gal	53-F 255	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
- ▷ Does not interfere with paint adhesion

Features

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



Description	Size		Order No.	MSDS	Std Pkg
	Metric	US Gal			
Sprayer	500 ml	16.9 oz	53-F 403	L-147E	12
Liquid	3.78 L	1 gal.	53-F 405	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: White



Tech tip! Best choice for welding on steel surfaces.



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





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
- ▷ 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
- ▷ 10 L (2.6 gal) innovative bag-in-box packaging for low environmental impact
- ▷ Large 208 L format for even greater cost savings!
- ▷ Effective welding amperage range: 100-225 A

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.	MSDS	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 you 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 10 L - Starter kit

Order No.: 57-D 110 K

Includes:

- ◆ Use of Walter Air Force station
- ◆ 4 x 10 L 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

Air Force AF-WELD 208 L - Starter kit

Order No.: 57-D 210 K

Includes:

- ◆ Use of Walter Air Force station
- ◆ 1 x 208 L 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



4x



2x



1x



6x



Effective amperage range: 100 – 400 A

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
- ▷ No additional steps required in paint preparation
- ▷ VOC-free, solvent-free, silicone-free and biodegradable
- ▷ Odourless



Description	Size		Order No.	MSDS	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	1
Replacement valve kit			57-B 001		1
Straw filter for refillable sprayer bottle			57-B 003		

Air Force AF-WELD HT 10 L / Starter kit

Order No.: 57-D 120K

Includes:

- ◆ Use of Walter Air Force station
- ◆ 4 x 10 L 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

Air Force AF-WELD HT 208 L / Starter kit

Order No.: 57-D 220 K

Includes:

- ◆ Use of Walter Air Force station
- ◆ 1 x 208 L 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



4x



2x



1x



6x

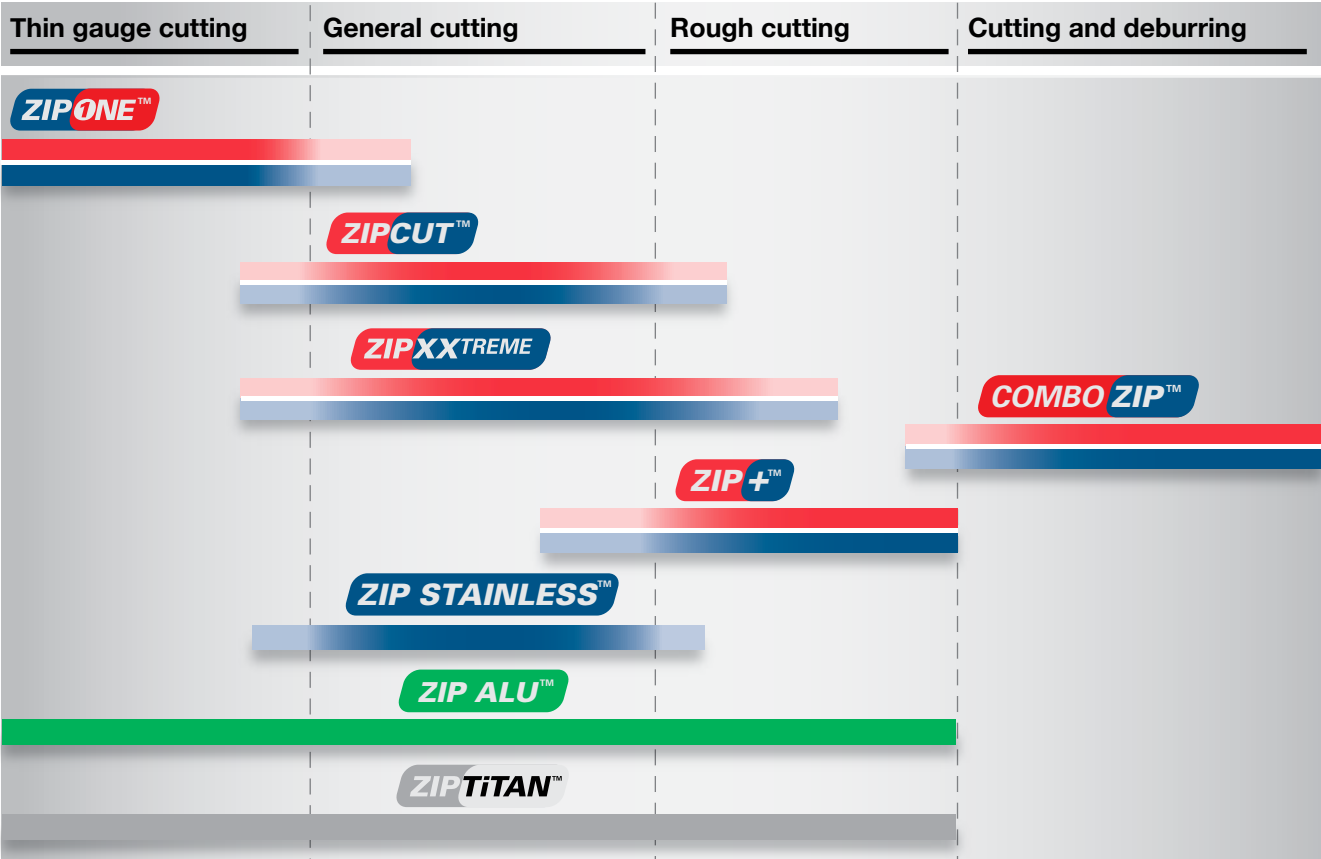


02

CUTTING

CUTTING-EDGE
PRODUCTS FOR
UNSURPASSED
RESULTS

大同
DATANG WELDING



● 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 vibration. The thumb curve is made with Kevlar™, a natural anti-slip solution. Simply put, these gloves are the toughest, safest and most comfortable for demanding industrial applications.

Large **Order No.:** 30-B 093
 Extra-large **Order No.:** 30-B 095

ZIPCUT | 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 sturdy, unique and reusable plastic container that keeps each wheel in the same condition as when it left the factory thereby enhancing performance, safety, and durability.



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, the cut-off wheel will cut faster, last longer and offer peak performance.



Triple Reinforcement Combo Zip™

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



Type 27 Narrow Crown on 4-1/2” and 5”

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.

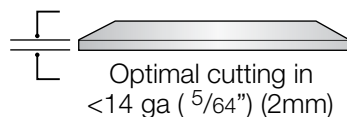


Metal Cladding on Type 27 safety

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

Ultra-Thin Zip One™

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



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.



THE ALL NEW
ZIPXXTREME™

XXTreme performance. XXTreme LIFE.

The lowest cost
per cut in the
industry.



VIDEO



www.walter.com

WALTER
Surface Technologies

Only the best.™

ZIP XXTREME™

The longest lasting 3/64" thin cut-off wheel

Walter continuously develops new technology to improve cut-off wheel performance. ZIP XXTREME™ has been specially engineered using exclusive new manufacturing techniques to be the longest lasting cut-off wheel, boasting the lowest cost per cut compared to all other 3/64" thin cut-off wheels. Save time working on your projects, and save money using ZIP XXTREME™ by getting the job done more efficiently. These cut-off wheels last up to 20% longer than other 3/64" cut-off wheels.

- ▷ **Extreme life for more cuts per wheel**
- ▷ **Lowest cost per cut in the industry**
- ▷ **Extreme cutting speed in both steel and stainless for maximum productivity**

TYPE 1



Dia.	Thickness	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
4 1/2"	3/64" (.045")	7/8"	11-T 044	A-60-ZIPXX	13,300	25	400
5"	3/64" (.045")	7/8"	11-T 054	A-60-ZIPXX	12,200	25	400
6"	3/64" (.045")	7/8"	11-T 064	A-36-ZIPXX	10,200	25	200
7"	1/16" (.062")	7/8"	11-T 074	A-36-ZIPXX	8,600	25	100

**GET 33% MORE LIFE
WHEN COMBINED
WITH NEW MINI-PLUS!
See page 157.**



ZIP TiTAN™

Best solution for cutting titanium and brass

For the best solution when working with titanium and brass materials, trust ZIP TiTAN™. It cuts through titanium and brass without overheating these metals, delivering a longer lasting cut-off wheel while preserving the mechanical properties and surface integrity of the material being cut. Get more cuts per wheel and faster, freer cuts on some of the industry's most challenging metals to work with courtesy of 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	C-60-ZIPT	13,300	25	400
5"	3/64" (.045")	7/8"	11-H 052	C-60-ZIPT	12,200	25	400
6"	3/64" (.045")	7/8"	11-H 062	C-36-ZIPT	10,200	25	200
7"	1/16" (.062")	7/8"	11-H 072	C-36-ZIPT	8,600	25	100



INDUSTRY'S LEADING
AND MOST TRUSTED WHEEL



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

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

**GET 40% MORE LIFE
WHEN COMBINED
WITH NEW MINI-PLUS!
See page 157.**



VIDEO



www.walter.com

ZIPCUT™

Setting the industry standard for cut-off wheels

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



TYPE 1

Dia.	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
10"	3/32" (.062")	5/8"	11-T 100	A-30-ZIP	6,100	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 a flush fit and minimal exposure of spindle beyond the clamping nut for Walter grinders with:
5/8"-11 spindles **Order No.: 30-B 017**
M14x2.0 spindles **Order No.: 30-B 016**



Clamping flanges set to mount 9" cut-off wheels.
For 5/8"-11 spindles **Order No.: 30-B 022**



ZIPCUT™ 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.

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



TYPE 27S



Steel Inox.

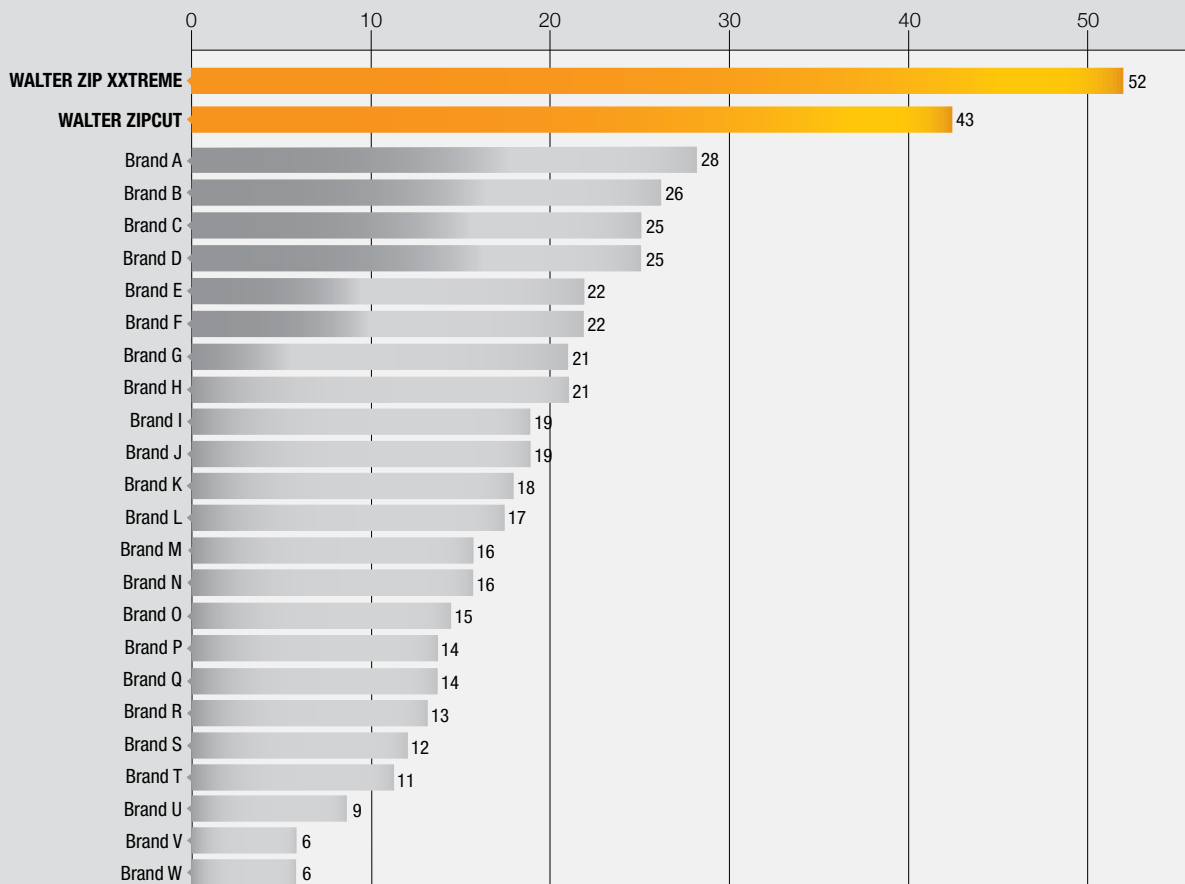
Dia.	Thickness	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
4 1/2"	3/64" (.045")	5/8"-11	11-T 342	A-60-ZIP	13,300	25	200
5"	3/64" (.045")	5/8"-11	11-T 352	A-60-ZIP	12,200	25	100
6"	3/64" (.045")	5/8"-11	11-T 362	A-60-ZIP	10,200	25	200

QUICK AND EASY

WHEEL CHANGE FOR
MINIMUM DOWNTIME

ZIPCUT - Comparison test of 5" cutting wheels

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



ZIP+ XTRA™

Performance cutting in thicker metal

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

TYPE 1



Dia.	Thickness	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/16" (.062")	7/8"	11-T 242	A-36-ZIP	13,300	25	400
5"	1/16" (.062")	7/8"	11-T 252	A-36-ZIP	12,200	25	400
6"	1/16" (.062")	7/8"	11-T 262	A-36-ZIP	10,200	25	200
7"	5/64" (.078")	7/8"	11-T 272	A-36-ZIP	8,600	25	100
9"	3/32" (.094")	7/8"	11-T 292*	A-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-36-ZIP	13,300	25	400
5"	1/16" (.062")	7/8"	11-T 503	A-36-ZIP	12,200	25	400
6"	1/16" (.062")	7/8"	11-T 603	A-36-ZIP	10,200	25	200



CHOOSE ZIP+ XTRA FOR THE TOUGHEST PROJECTS!

- ▶ Excellent performance for cutting material 1/8" and thicker
- ▶ 4 1/2" and 5" Type 27 wheels feature an exclusive narrow crown design and metal hub cladding
- ▶ The preferred wheel for flush cutting in confined spaces

VIDEO



www.walter.com

TOUGH CUT™

For the toughest, most demanding cutting applications

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)



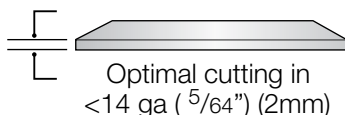
Accessory

Reducer bushing 7/8" to 5/8"

Order No.: 10-A 984



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



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



VIDEO



www.walter.com



Check out our high efficiency cordless ZIPCUTTER! Ideal for jobs on site or remote locations. See page 154.

ZIP ONE™

High performance cut-off wheel for thin gauge metal

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

EXTRA THIN FOR ULTRA PRECISE CUTTING

TYPE 1



Dia.	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 allows more clearance for flush cutting
- ▶ Metal hub cladding for extra strength, control and safety



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



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



Fe-S-Cl
<0.1%



Inox.

Dia.	Thickness	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
4½"	⅜" (.045")	⅞"	11-F 042	A-60-SS-ZIP	13,300	25	400
5"	⅜" (.045")	⅞"	11-F 052	A-60-SS-ZIP	12,200	25	400
6"	⅜" (.045")	⅞"	11-F 062	A-60-SS-ZIP	10,200	25	200
7"	⅛" (.062")	⅞"	11-F 072	A-46-SS-ZIP	8,600	25	100
9"	⅝" (.078")	⅞"	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



Fe-S-Cl
<0.1%



Inox.

Dia.	Thickness	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
4½"	⅜" (.045")	⅞"	11-F 142	A-60-SS-ZIP	13,300	25	400
5"	⅜" (.045")	⅞"	11-F 152	A-60-SS-ZIP	12,200	25	400
6"	⅜" (.045")	⅞"	11-F 162	A-60-SS-ZIP	10,200	25	200
7"	⅛" (.062")	⅞"	11-F 172	A-46-SS-ZIP	8,600	25	100
9"	⅝" (.078")	⅞"	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



Alu. +
n.f. metals

Dia.	Thickness	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
4½"	⅜" (.045")	⅞"	11-U 042	A-60-ZIP-ALU	13,300	25	400
5"	⅜" (.045")	⅞"	11-U 052	A-60-ZIP-ALU	12,200	25	400
6"	⅜" (.045")	⅞"	11-U 062	A-60-ZIP-ALU	10,200	25	200
7"	⅛" (.062")	⅞"	11-U 072	A-30-ZIP-ALU	8,600	25	100

TYPE 27



Alu. +
n.f. metals

Dia.	Thickness	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
4½"	⅜" (.045")	⅞"	11-U 142	A-60-ZIP-ALU	13,300	25	400
5"	⅜" (.045")	⅞"	11-U 152	A-60-ZIP-ALU	12,200	25	400
6"	⅜" (.045")	⅞"	11-U 162	A-60-ZIP-ALU	10,200	25	200
7"	⅛" (.062")	⅞"	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 to improve operator safety
- ▷ ZIP formulation guarantees fast cutting time and long life
- ▷ Equipped with a metal protective hub for extra strength, control and safety



COMBO ZIP

Fast, safe cutting and deburring with one wheel

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

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 27S



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

THREE LAYERS
OF REINFORCEMENT
AND METAL CLADDING
FOR MAXIMUM SAFETY

VIDEO



www.walter.com





EXCELLENT CUTTING SPEED AND WHEEL LIFE

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

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, $1/2$ " is recommended.

2" TYPE 1



	Dia.	Thick.	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
New	2"	1/32"	1/4"	11-L 202	A-24-ZIP	30,600	25	200
New	2"	1/32"	3/8"	11-L 203	A-60-ZIP	30,600	25	200
	2"	1/16"	5/16"	11-L 211	A-24-ZIP	30,600	25	200
New	2"	1/16"	1/4"	11-L 212	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

2 1/2" TYPE 1



	Dia.	Thick.	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
New	2 1/2"	1/16"	1/4"	11-L 262	A-24-ZIP	30,350	25	200
New	2 1/2"	1/16"	3/8"	11-L 263	A-24-ZIP	30,350	25	200

3" TYPE 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	25,470	25	200
	3"	1/32"	3/8"	11-L 303	A-60-ZIP	25,470	25	200
New	3"	1/16"	1/4"	11-L 316	A-60-ZIP	25,470	25	200
New	3"	1/16"	3/8"	11-L 317	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	25,470	25	200
	3"	1/4"	3/8"	11-L 333	A-24-ZIP	25,470	25	100
	3"	1/2"	3/8"	11-L 353	A-24-ZIP	25,470	25	100

4" TYPE 1

Fe-S-CI
<0.1%

	Dia.	Thick.	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
New	4"	1/32"	1/4"	11-L 402	A-60-ZIP	19,100	25	200
	4"	1/32"	3/8"	11-L 403	A-60-ZIP	19,100	25	200
New	4"	1/32"	1/4"	11-L 406	A-24-ZIP	19,100	25	200
New	4"	1/16"	1/4"	11-L 412	A-24-ZIP	19,100	25	200
	4"	1/16"	3/8"	11-L 413	A-24-ZIP	19,100	25	200
New	4"	1/16"	3/8"	11-L 417	A-24-ZIP	19,100	25	200
	4"	1/8"	3/8"	11-L 423	A-24-ZIP	19,100	25	200
	4"	1/4"	3/8"	11-L 433	A-24-ZIP	19,100	25	100
	4"	1/2"	3/8"	11-L 453	A-24-ZIP	19,100	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

3" and 4" TYPE 27

Fe-S-CI
<0.1%

	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

* 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

Alu. +
n.f. metals

	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

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

▷ Ideal for flush cutting

▷ Metal hub cladding for extra strength and safety



▷ Best wheel life and extra fast cutting in aluminum

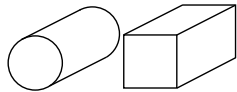
EXTRA FAST

CUTTING IN ALUMINUM
WITHOUT CLOGGING!

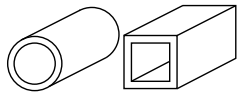


THE WHEEL OF CHOICE FOR SOLIDS AND STAINLESS TUBES

- ▷ 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



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")	1"	10-H 143	C-30	4,400	10	50
16"	1/8" (.125")	1"	10-H 163	C-30	3,800	10	30

RIPCUT™

High performance cutting on stationary cut-off machines

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



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



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

PORTACUT™

High speed cutting with gas and electric power saws

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



TYPE 1

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



TYPE 1

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

RAILCUT II™

Premium wheels for cutting in all types of rail

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

RAILCUT II Long Life

TYPE 1

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

RAILCUT II Fast Cut

TYPE 1

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

Accessories

Reducer bushings

From 1" to 20 mm

Order No.: 10-A 989

From 1" to 7/8"

Order No.: 10-A 988

03

GRINDING
A COMPLETE LINE
OF SOLUTIONS
FOR ANY APPLICATION



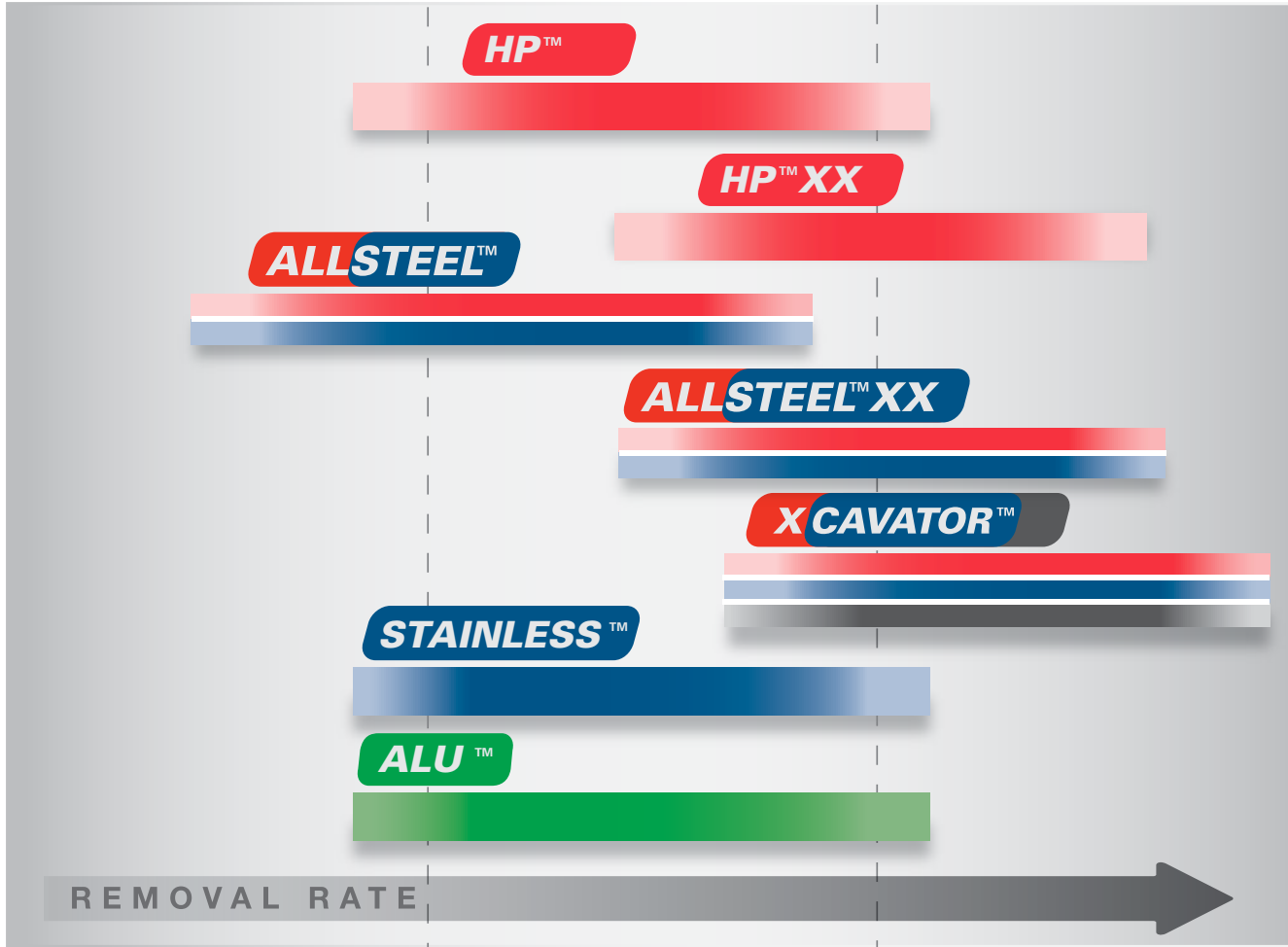


Light grinding



General purpose grinding

Heavy grinding



● Steel ● Stainless steel ● Aluminum ● Hard materials

EXCLUSIVE TO WALTER

Convenient and safe!

Spin-On quick-change mounting

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



XCAVATOR™ WITH COMFORT MAX™ TECHNOLOGY

NEW


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

XCAVATOR™ has been redesigned to incorporate the latest innovation in Type 27 depressed center grinding wheels. The new Comfort Max™ Technology in the hub of the wheel helps to minimize vibration, providing the operator with more comfortable, ergonomic work conditions without sacrificing productivity. Xcavator delivers premium performance, 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 the new and improved Xcavator with Comfort Max™ Technology, exclusive to Walter Surface Technologies.

1/4" TYPE 27


**Fe-S-CI
<0.1%**


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

1/4" SPIN-ON TYPE 27S


**Fe-S-CI
<0.1%**


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
5"	1/4"	5/8"-11	08-P 500	ZA-16-P	12,200	20	80
6"	1/4"	5/8"-11	08-P 610	ZA-16-P	10,200	20	80

Always use with flange 30-B 057 listed on page 171.

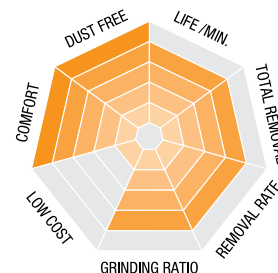
*Comfort Max™ Technology now available on all 4-1/2" and 5" wheels. Other sizes available by March 2017.



GUARANTEES

HIGH REMOVAL IN THE
INDUSTRY'S TOUGHEST
METALS

- ▷ The fastest removal rate, out of any of our grinding wheels
- ▷ New Comfort Max™ Technology provides a smoother, more comfortable grinding experience without sacrificing productivity
- ▷ Patented multi-layer technology
- ▷ Advanced design prevents edge flaking for better balance and added safety
- ▷ Optimal power transfer from operator to working surface
- ▷ Fe-Free formulation (guaranteed not to contaminate stainless steel)



VIDEO

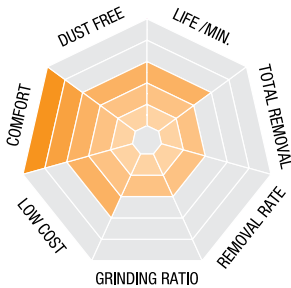


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SMOOTH GRINDING
WITH AN AGGRESSIVE,
CONTROLLED BITE




- ▷ 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



1/4" HP™




High performance and exceptional comfort for everyday 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 remove metal faster and with less effort to provide one of the best overall values in grinding.

1/4" SPIN-ON TYPE 27S   




Dia.	Thick.	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/4"	5/8"-11	08-B 450	A-24-HPS	13,300	20	80
5"	1/4"	5/8"-11	08-B 500	A-24-HPS	12,200	20	80
6"	1/4"	5/8"-11	08-B 630	A-24-HPS	10,200	20	80

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




1/4" SPIN-ON TYPE 28S   

Dia.	Thick.	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/4"	5/8"-11	08-B 451	A-24-HPS	13,300	20	80
5"	1/4"	5/8"-11	08-B 501	A-24-HPS	12,200	20	80

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

GET DOUBLE THE LIFE OF YOUR HP WHEELS WHEN COMBINED WITH NEW MINI-PLUS!
See page 157.





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 27S

Dia.	Thick.	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/8"	5/8"-11	08-B 452	A-30-COMBO	13,300	25	200
5"	1/8"	5/8"-11	08-B 502	A-30-COMBO	12,200	25	100
6"	1/8"	5/8"-11	08-B 632	A-30-COMBO	10,200	25	100

Always use 1/8" wheels with flange 30-B 017 or 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 </tr <tr> <td>4 1/2"</td> <td>1/8"</td> <td>7/8"</td> <td>08-B 462</td> <td>A-30-COMBO</td> <td>13,300</td> <td>25</td> <td>200</td> </tr> <tr> <td>5"</td> <td>1/8"</td> <td>7/8"</td> <td>08-B 512</td> <td>A-30-COMBO</td> <td>12,200</td> <td>25</td> <td>200</td> </tr> <tr> <td>6"</td> <td>1/8"</td> <td>7/8"</td> <td>08-B 602</td> <td>A-30-COMBO</td> <td>10,200</td> <td>25</td> <td>100</td> </tr> <tr> <td>7"</td> <td>1/8"</td> <td>7/8"</td> <td>08-B 712</td> <td>A-30-COMBO</td> <td>8,600</td> <td>25</td> <td>100</td> </tr> <tr> <td>9"</td> <td>1/8"</td> <td>7/8"</td> <td>08-B 912</td> <td>A-30-COMBO</td> <td>6,600</td> <td>25</td> <td>100</td> </tr>	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
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 its 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



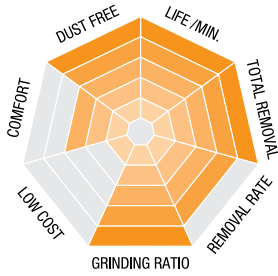
www.walter.com



- ▷ 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 **SPIN-ON**

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



HP XX™

Premium grinding at the lowest overall cost

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

1/4" SPIN-ON TYPE 27S Steel

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

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

1/4" TYPE 27 Steel

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

1/4" TYPE 28 Steel

7"	1/4"	7/8"	08-K 701	A-16-X	8,600	25	50
9"	1/4"	7/8"	08-K 901	A-16-X	6,600	25	50

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



GET DOUBLE THE LIFE OF YOUR HP XX WHEELS WHEN COMBINED WITH NEW PRO 5! See page 158.

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

Order numbers for mounted wheels are 5-numbers higher.

For example:

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

A-30-COMBO cutting/grinding wheel. Std. Pkg.: 10.

ALLSTEEL™

Our most versatile grinding (1/4" thick) and cutting (1/8" thick) wheels

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



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

1/4" TYPE 27



Dia.	Thick.	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/4"	7/8"	08-C 450	A-24-AS	13,300	25	100
5"	1/4"	7/8"	08-C 500	A-24-AS	12,200	25	100
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
9"	1/4"	7/8"	08-C 900	A-24-AS	6,600	25	50

ALLSTEEL XX™

Exceptional grinding with less effort

More aggressive and longer lasting than our regular ALLSTEEL wheels, these versatile grinding offers the lowest overall cost of grinding when working with stainless steel. They also provide an excellent value when working with steel, delivering extremely long life and one of the most aggressive removal rates in the industry.

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	A-24-ASXX	13,300	25	200
5"	1/8"	7/8"	08-H 502	A-24-ASXX	12,200	25	200
6"	1/8"	7/8"	08-H 602	A-24-ASXX	10,200	25	200
7"	1/8"	7/8"	08-H 702	A-24-ASXX	8,600	25	100
9"	1/8"	7/8"	08-H 902	A-24-ASXX	6,600	25	100

1/4" TYPE 27

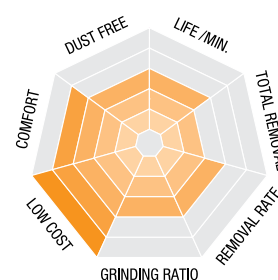


Dia.	Thick.	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/4"	7/8"	08-H 450	A-24-ASXX	13,300	25	100
5"	1/4"	7/8"	08-H 500	A-24-ASXX	12,200	25	100
6"	1/4"	7/8"	08-H 600	A-24-ASXX	10,200	25	100
7"	1/4"	7/8"	08-H 700	A-24-ASXX	8,600	25	50
9"	1/4"	7/8"	08-H 900	A-24-ASXX	6,600	25	50

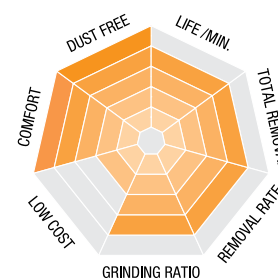


**LETS YOU DO MORE WORK
IN LESS TIME – GUARANTEED!**

- ▷ Fast removal rates and cool cutting action
- ▷ Heavily reinforced for improved safety
- ▷ Excellent control to minimize gouging work surfaces



- ▷ 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





1/8" cutting and light grinding:

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



1/4" grinding:

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




**WILL NOT
CONTAMINATE
STAINLESS STEEL**

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




STAINLESS™

Superior performance on stainless steel

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




1/8" SPIN-ON TYPE 27S   

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	13,300	25	200
5"	1/8"	5/8"-11	08-F 502	A-30-SS	12,200	25	200




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 30-B 057.

1/4" SPIN-ON TYPE 27S   

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
5"	1/4"	5/8"-11	08-F 500	A-30-SS	12,200	20	80

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" SPIN-ON TYPE 28S   

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.



NO CLOGGING IN ANY TYPE OF ALUMINUM

1/8" cutting and light grinding:

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

1/4" grinding:

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

ALU™

For use on aluminum and other soft metals

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

1/8" TYPE 27



Dia.	Thick.	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/8"	7/8"	08-L 452	A-24-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
9"	1/8"	7/8"	08-L 902	A-24-ALU	6,600	25	100

1/4" TYPE 27



Dia.	Thick.	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/4"	7/8"	08-L 450	A-24-ALU	13,300	25	100
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
9"	1/4"	7/8"	08-L 900	A-24-ALU	6,600	25	50



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

CONCRETE™

High performance grinding and cutting

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

1/8" TYPE 27



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

1/4" TYPE 27



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



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

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

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

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

- ▷ Formulated for light grinding, cutting and notching

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 27S



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
6"	3/32"	5/8"-11	08-N 633	A-36-PIPE	10,200	25	100
6"	5/32"	5/8"-11"	08-N 634	A-20 PIPE	10,200	25	100

Always use with flange 30-B 057 listed on page 171.

HP CUP WHEELS

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

TYPE 11



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



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

TYPE 11



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

PLUGS AND CONES

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



Shape	Dia.	Length	Arbor	Grit	Order No.	Max RPM	Std. Pkg.	Std. Ctn.
▶	16	1 1/2"	2 1/2"	$\frac{3}{8}$ " - 24	ZA16 12-C 101	24,200	1	10
	16	1 1/2"	3"	$\frac{5}{8}$ " - 11	ZA16 12-C 111	24,200	1	10
	16	2"	3"	$\frac{5}{8}$ " - 11	ZA16 12-C 121	18,100	1	10
▶	17	1 1/2"	3"	$\frac{5}{8}$ " - 11	ZA16 12-C 401	24,200	1	10
	17	2"	4"	$\frac{5}{8}$ " - 11	ZA16 12-C 421	18,100	1	10
■	18	1"	2"	$\frac{3}{8}$ " - 24	ZA16 12-C 301	36,200	1	10
	18	1 1/2"	2 1/2"	$\frac{3}{8}$ " - 24	ZA20 12-C 302	24,200	1	10
	18	1 1/2"	3"	$\frac{5}{8}$ " - 11	ZA16 12-C 311	24,200	1	10
	18	2"	3"	$\frac{5}{8}$ " - 11	ZA16 12-C 321	18,100	1	10
■	18R	1 1/2"	3"	$\frac{5}{8}$ " - 11	ZA16 12-C 201	24,200	1	10
	18R	1 1/2"	2 1/2"	$\frac{3}{8}$ " - 24	ZA20 12-C 202	24,200	1	10
	18R	2"	3"	$\frac{5}{8}$ " - 11	ZA16 12-C 211	18,100	1	10
	18R	3"	4"	$\frac{5}{8}$ " - 11	ZA16 12-C 221	12,100	1	10



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



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



MOUNTED POINTS

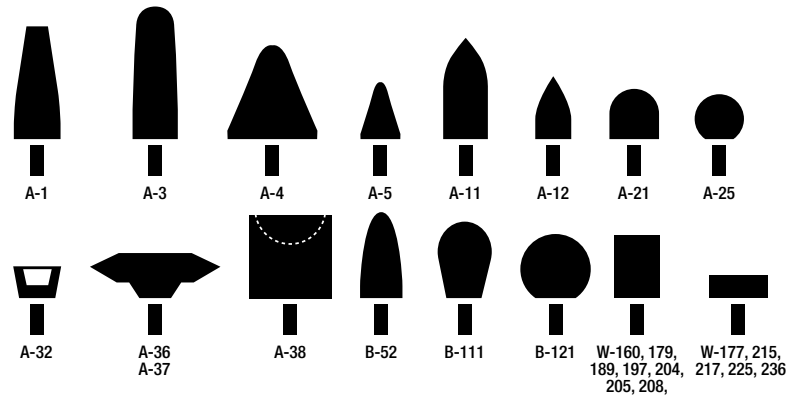
Versatile tools for fitting, shaping and enlarging holes

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

Blue-grey for mild steel and cast iron

Orange for tool and high tensile steel

Resin bond for stainless steel



Blue-grey

Type	Dia.	Length	Shaft	Order No.	Grit	Max RPM*	Std. Pkg.	Std. Ctn.
A-1	3/4"	2 1/2"	1/4"	12-D 002	A36	19,800	1	10
A-3	1"	2 3/4"	1/4"	12-D 012	A36	16,100	1	10
A-4	1 1/4"	1 1/4"	1/4"	12-D 017	A36	30,500	1	10
A-5	3/4"	1 1/8"	1/4"	12-D 022	A36	45,000	1	10
A-11	7/8"	2"	1/4"	12-D 032	A36	19,800	1	10
A-12	1 1/16"	1 1/4"	1/4"	12-D 037	A36	48,000	1	10
A-21	1"	1"	1/4"	12-D 057	A36	34,500	1	10
A-25	1"	1"	1/4"	12-D 077	A36	35,600	1	10
A-32	1"	5/8"	1/4"	12-D 092	A36	38,200	1	10
A-36	1 5/8"	3/8"	1/4"	12-D 102	A36	23,500	1	10
A-37	1 1/4"	1/4"	1/4"	12-D 117	A36	30,560	1	10
A-38	1"	1"	1/4"	12-D 122	A36	34,500	1	10
B-52	3/8"	3/4"	1/8"	12-D 232	A36	45,370	1	10
B-52	3/8"	3/4"	1/4"	12-D 242	A36	45,370	1	10
B-121	1/2"	1/2"	1/8"	12-D 272	A36	45,370	1	10
W-160	1/4"	1/4"	1/8"	12-D 562	A36	81,370	1	10
W-177	3/8"	3/4"	1/8"	12-D 572	A36	33,750	1	10
W-179	3/8"	1 1/4"	1/4"	12-D 592	A36	45,750	1	10
W-189	1/2"	2"	1/4"	12-D 652	A36	24,000	1	10
W-197	5/8"	2"	1/4"	12-D 677	A36	21,000	1	10
W-204	3/4"	3/4"	1/4"	12-D 712	A36	42,750	1	10
W-205	3/4"	1"	1/4"	12-D 722	A36	34,500	1	10
W-208	3/4"	2"	1/4"	12-D 732	A36	18,750	1	10
W-215	1"	1/8"	1/8"	12-D 752	A36	38,200	1	10
W-217	1"	3/8"	1/4"	12-D 782	A36	38,200	1	10
W-220	1"	1"	1/4"	12-D 797	A36	25,500	1	10
W-222	1"	2"	1/4"	12-D 807	A36	15,900	1	10
W-225	1 1/4"	1/4"	1/4"	12-D 822	A36	30,560	1	10
W-236	1 1/2"	1/2"	1/4"	12-D 842	A36	25,470	1	10

Orange



Type	Dia.	Length	Shaft	Order No.	Grit	Max RPM*	Std Pkg.	Std. Ctn.
A-1	3/4"	2 1/2"	1/4"	12-D 001	A60	19,800	1	10
A-3	1"	2 3/4"	1/4"	12-D 011	A60	16,100	1	10
A-4	1 1/4"	1 1/4"	1/4"	12-D 016	A60	30,500	1	10
A-5	3/4"	1 1/8"	1/4"	12-D 021	A60	45,000	1	10
A-11	7/8"	2"	1/4"	12-D 031	A60	19,800	1	10
A-12	1 1/16"	1 1/4"	1/4"	12-D 036	A60	48,000	1	10
A-21	1"	1"	1/4"	12-D 056	A60	34,500	1	10
A-25	1"	1"	1/4"	12-D 076	A60	35,600	1	10
A-32	1"	5/8"	1/4"	12-D 091	A60	38,200	1	10
A-36	1 5/8"	3/8"	1/4"	12-D 101	A60	23,500	1	10
A-37	1 1/4"	1/4"	1/4"	12-D 116	A60	30,560	1	10
A-38	1"	1"	1/4"	12-D 121	A60	34,500	1	10
B-52	3/8"	3/4"	1/8"	12-D 231	A60	45,370	1	10
B-52	3/8"	3/4"	1/4"	12-D 241	A60	45,370	1	10
B-111	7/16"	1 1/16"	1/8"	12-D 261	A60	33,750	1	10
B-121	1/2"	1/2"	1/8"	12-D 271	A60	45,370	1	10
W-160	1/4"	1/4"	1/8"	12-D 561	A60	81,370	1	10
W-177	3/8"	3/4"	1/8"	12-D 571	A60	33,750	1	10
W-179	3/8"	1 1/4"	1/4"	12-D 591	A60	45,750	1	10
W-189	1/2"	2"	1/4"	12-D 651	A60	24,000	1	10
W-197	5/8"	2"	1/4"	12-D 676	A60	21,000	1	10
W-204	3/4"	3/4"	1/4"	12-D 711	A60	42,750	1	10
W-205	3/4"	1"	1/4"	12-D 721	A60	34,500	1	10
W-208	3/4"	2"	1/4"	12-D 731	A60	18,750	1	10
W-215	1"	1/8"	1/8"	12-D 751	A60	38,200	1	10
W-217	1"	3/8"	1/4"	12-D 781	A60	38,200	1	10
W-220	1"	1"	1/4"	12-D 796	A60	25,500	1	10
W-222	1"	2"	1/4"	12-D 806	A60	15,900	1	10
W-225	1 1/4"	1/4"	1/4"	12-D 821	A60	30,560	1	10
W-236	1 1/4"	1/2"	1/4"	12-D 841	A60	25,470	1	10



Accessories

Dressing stones

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

Tech tip!

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

Resin bond



Type	Dia.	Length	Shaft	Order No.	Grit	Max RPM*	Std Pkg.	Std. Ctn.
A-1	3/4"	2 1/2"	1/4"	12-D 003	A36	19,800	1	10
A-3	1"	2 3/4"	1/4"	12-D 013	A36	16,100	1	10
A-4	1 1/4"	1 1/4"	1/4"	12-D 018	A36	30,500	1	10
A-5	3/4"	1 1/8"	1/4"	12-D 023	A36	45,000	1	10
A-11	7/8"	2"	1/4"	12-D 033	A36	19,800	1	10
A-12	1 1/16"	1 1/4"	1/4"	12-D 038	A36	48,000	1	10
A-21	1"	1"	1/4"	12-D 058	A36	34,500	1	10
A-25	1"	1"	1/4"	12-D 078	A36	35,600	1	10
A-37	1 1/4"	1/4"	1/4"	12-D 118	A36	30,560	1	10
A-38	1"	1"	1/4"	12-D 123	A36	34,500	1	10
B-52	3/8"	3/4"	1/4"	12-D 243	A36	45,370	1	10
B-121	1/2"	1/2"	1/8"	12-D 273	A36	45,370	1	10
W-160	1/4"	1/4"	1/8"	12-D 563	A36	81,370	1	10
W-179	3/8"	1 1/4"	1/4"	12-D 593	A36	45,750	1	10
W-189	1/2"	2"	1/4"	12-D 653	A36	24,000	1	10
W-197	5/8"	2"	1/4"	12-D 678	A36	21,000	1	10
W-204	3/4"	3/4"	1/4"	12-D 713	A36	42,750	1	10
W-205	3/4"	1"	1/4"	12-D 723	A36	34,500	1	10
W-208	3/4"	2"	1/4"	12-D 733	A36	18,750	1	10
W-217	1"	3/8"	1/4"	12-D 783	A36	38,200	1	10
W-220	1"	1"	1/4"	12-D 798	A36	25,500	1	10
W-222	1"	2"	1/4"	12-D 808	A36	15,900	1	10
W-236	1 1/2"	1/2"	1/4"	12-D 843	A36	25,470	1	10

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



BENCH GRINDING WHEELS

Long lasting and dependable, our bench grinding wheels are perfect for general purpose sharpening, shaping or deburring on bench and pedestal grinders.

All wheels are supplied with nested reducer bushings to fit on 1", 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

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



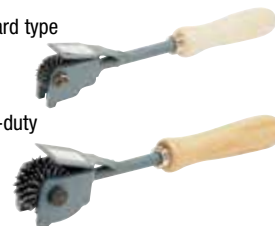
Accessories

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

04

BLENDING
LONG LASTING
PERFORMANCE



BLENDING *Wheel selection chart*



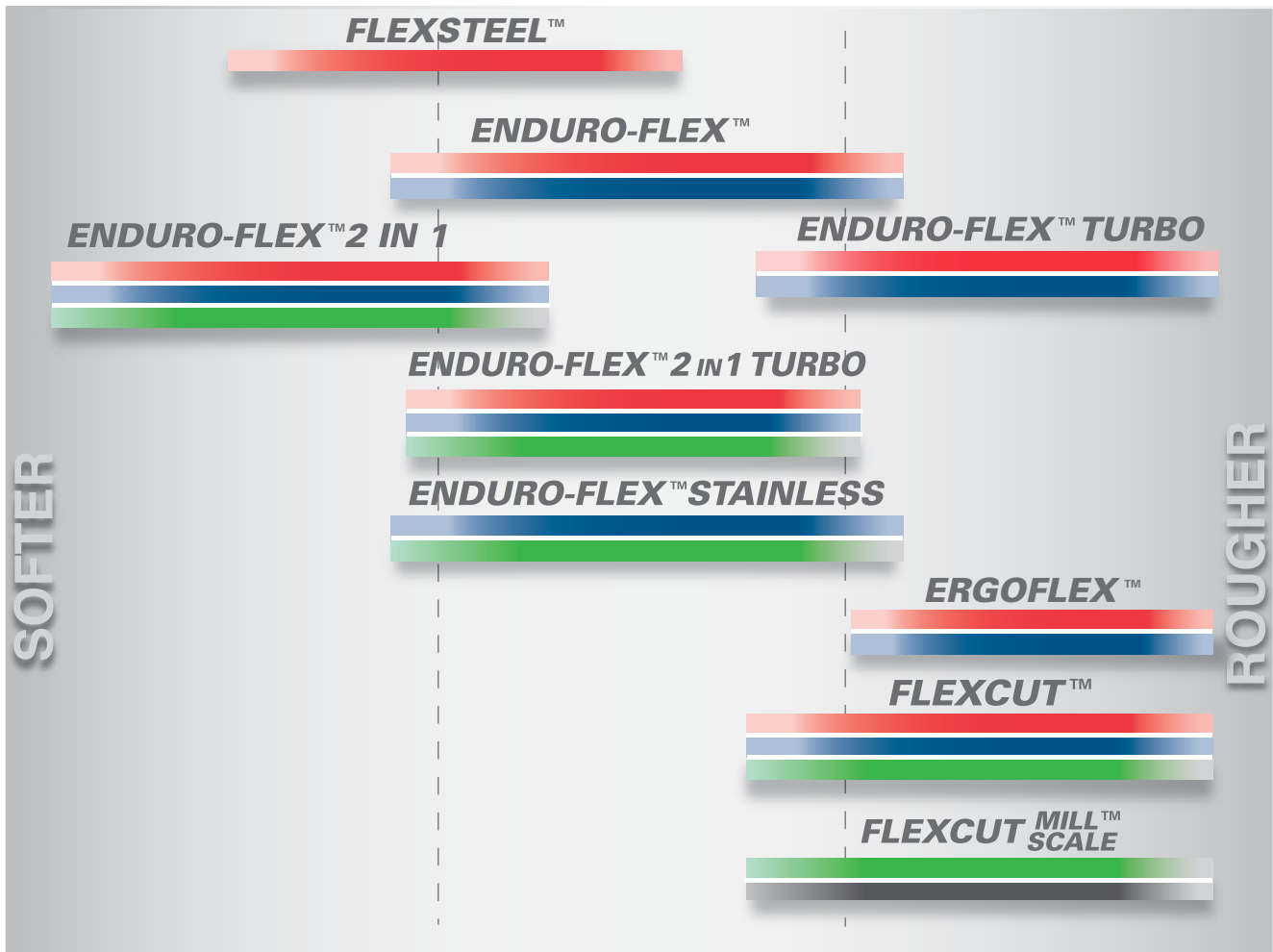
Light blending (TIG welds)



General purpose (MIG welds)



High performance



● Steel ● Stainless steel ● Aluminum ● Mill Scale

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



New disc



After 35 min.
Trimmed once*



After 100 min.
Trimmed twice*

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

ERGOFLEX™**NEW**

For when employee safety and ergonomics are top priorities

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

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

TYPE 29
Fe-S-Cl
<0.1%


Dia.	Arbor	Grit	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	7/8"	36	15-T 453	13,300	25	200
5"	7/8"	36	15-T 503	12,200	25	200
6"	7/8"	36	15-T 603	10,200	25	100
7"	7/8"	36	15-T 703	8,600	25	100

Always use with flange 30-B 030.

**Tech tip!**

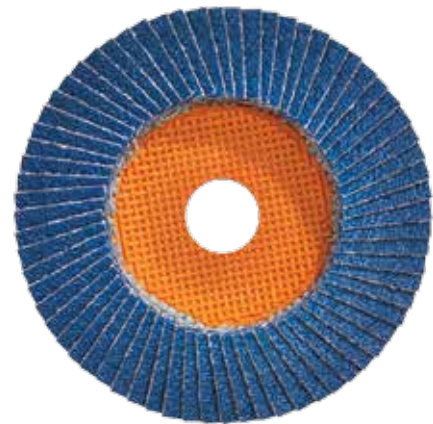
Use with backing flange set 30-B 030 for best results.
 (Each pack of 25 comes with one backing flange set for your convenience)




FLEXSTEEL™ **NEW**

High performance flap disc optimized for use on low powered angle grinders

Flexsteel is the newest addition to the Walter flap disc line. It features a unique zirconia alumina grain blend that micro fractures with less pressure than the grains used in our Enduro-Flex product. This means that while Enduro-Flex still provides more life and a higher removal rate in most applications, Flexsteel actually provides a better solution for workers who use power tools with less than 8.0 Amps of electrical current. These power tools often bog down under pressure, slowing the RPM and causing abrasives to glaze, which significantly reduces the product's performance. Flexsteel allows workers with low power angle grinders to improve their productivity and achieve better results.

- ▷ *Brings Walter quality to workers with less powerful tools*
- ▷ *Special zirconia alumina grain blend microfractures with less pressure*
- ▷ *Provides a high removal rate and decent life on steel*
- ▷ *Trimmmable backing extends disc life*
- ▷ *The more economical choice when blending sharp corners, heavy deburring or blending in fillet welds*



TYPE 27    Steel

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

Always use with flange 30-B 017.

EXCELLENT VALUE
WHEN USING LOW
POWER ANGLE
GRINDERS





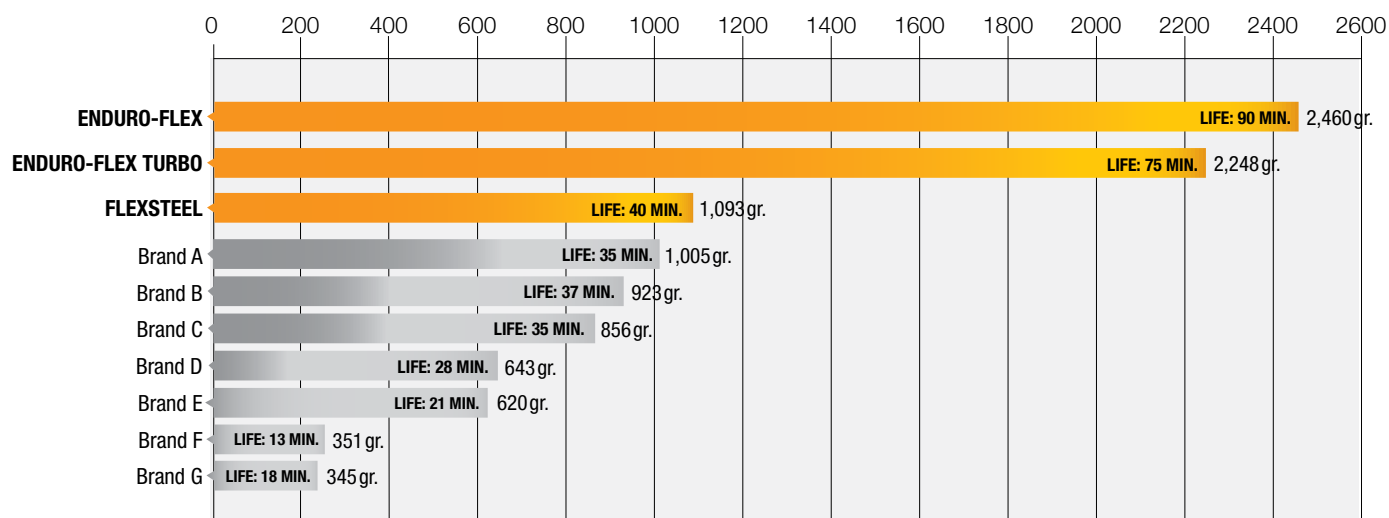
**THE LONGEST
LASTING
FLAP DISCS
ON THE MARKET**

ENDURO-FLEX

COMPARISON TEST BETWEEN 5" FLAP DISCS, GRIT 40

Tests were done with the PRO 5 grinder

Total quantity of grams removed on steel





- ▷ 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

INCREASE YOUR REMOVAL RATE BY A MINIMUM OF 25% BY COMBINING YOUR ENDURO-FLEX TURBO WITH THE NEW PRO 5 OR BIG 6!
See page 158.

VIDEO



www.walter.com



Accessory

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



ENDURO-FLEX™

The longest life and highest overall material removal in the industry

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

THE LONGEST LIFE FLAP DISC ON THE MARKET



SPIN-ON TYPE 27S



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 017.

TYPE 27



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

Always use with flange 30-B 017.

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.

**CONSISTENT
FINISH** WITHOUT
ANY DISCOLORATION



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 017.



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

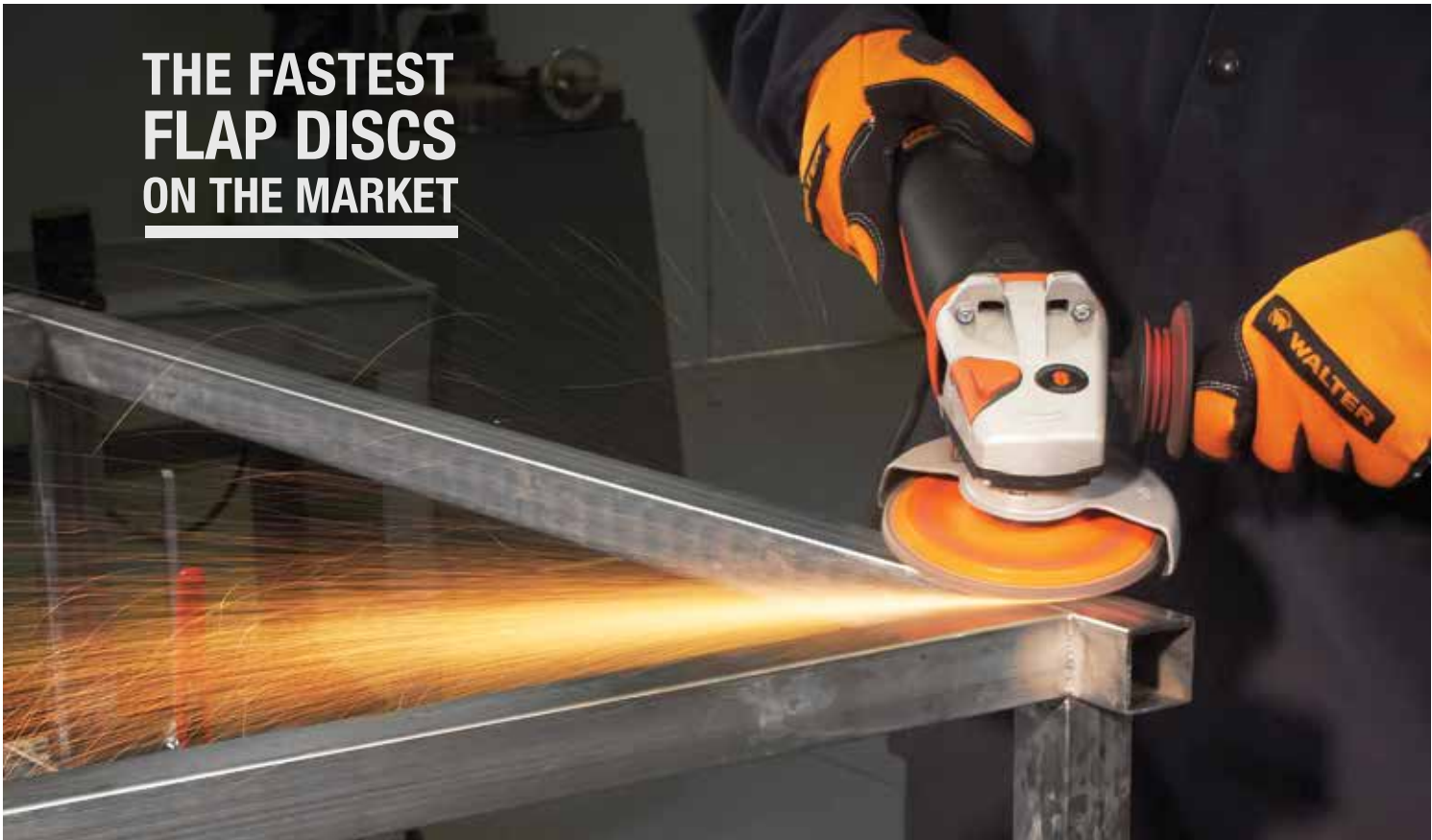
Always use with flange 30-B 017.



- ▷ Environmentally friendly
- ▷ Superior performance on all heat sensitive metals
- ▷ Will not load or glaze; will outperform any other flap disc on aluminum
- ▷ The coolest cutting action on stainless
- ▷ The fastest removal rate and best overall life on aluminum and other non-ferrous alloys



THE FASTEST FLAP DISCS ON THE MARKET

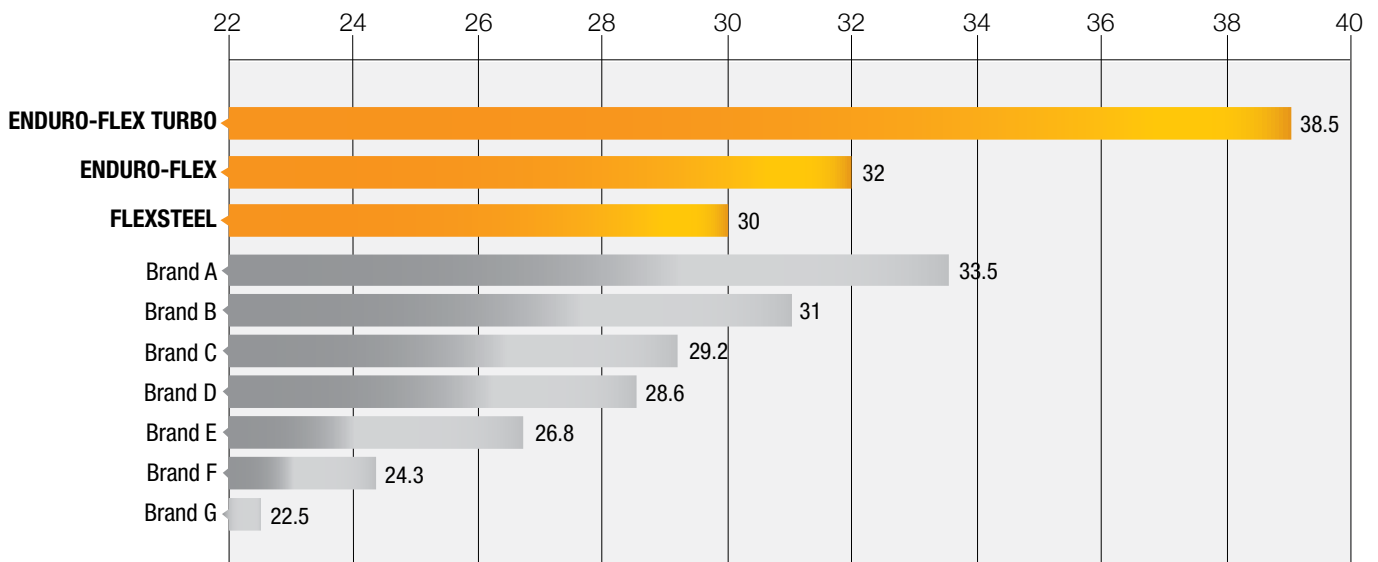


ENDURO-FLEX TURBO

Comparison test between 5" flap discs

Tests were done with the PRO 5 grinder

Removal rate on steel (gr./min.)





ENDURO-FLEX TURBO™

The fastest cutting flap disc on the market

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

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

**HIGHEST
REMOVAL RATE**
OF THE INDUSTRY

**INCREASE YOUR REMOVAL
RATE BY A MINIMUM OF
30% BY COMBINING YOUR
ENDURO-FLEX TURBO WITH
THE NEW PRO 5 OR BIG 6!**
See page 158.



VIDEO



www.walter.com



SPIN-ON TYPE 27S



Dia.	Arbor	Grade	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	12,000	10	40
6"	5/8"-11	36/60	06-A 602	10,200	10	40

Always use with flange 30-B 017.

TYPE 27



Dia.	Arbor	Grade	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	7/8"	36/60	06-A 462	13,300	10	40
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 017.





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.

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.

VIDEO



www.walter.com



SPIN-ON TYPE 27S



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



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

The most versatile and fastest finishing disc on the market

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

Sanding flaps

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



BLENDEx flaps

- ▷ Allows operators to achieve a food grade finish
- ▷ Combination that gives great performances on Aluminum
- ▷ Non-woven material, will not smear or contaminate the workpiece
- ▷ Tear resistant for longest life

VIDEO



www.walter.com



SPIN-ON TYPE 27S



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

Always use with flange 30-B 017.

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.



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

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
4 1/2"	7/8"	A-36-X-FLEX	15-L 463	13,300	25	200
5"	7/8"	A-36-X-FLEX	15-L 513	12,200	25	200
5"	7/8"	A-60-X-FLEX	15-L 516	12,200	25	200
7"	7/8"	A-24-X-FLEX	15-L 702	8,600	25	100
7"	7/8"	A-36-X-FLEX	15-L 703	8,600	25	100
7"	7/8"	A-60-X-FLEX	15-L 706	8,600	25	100
7"	7/8"	A-100-X-FLEX	15-L 710	8,600	25	100

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

Always use SPIN-ON wheels with flange 30-B 017.



TYPE 29S



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

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 29S

Fe-S-CI <0.1% Mill Scale Al. + n.f. metals

Dia.	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
4 1/2"	5/8"-11	15-L 843	A-36-FLEX	13,300	25	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 SPIN-ON wheels with flange 30-B 017.

TYPE 29

Fe-S-CI <0.1% Mill Scale Al. + n.f. metals

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

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

VIDEO



www.walter.com





05

SANDING
HIGH PERFORMANCE
TECHNOLOGY

SANDING *Wheel selection chart*



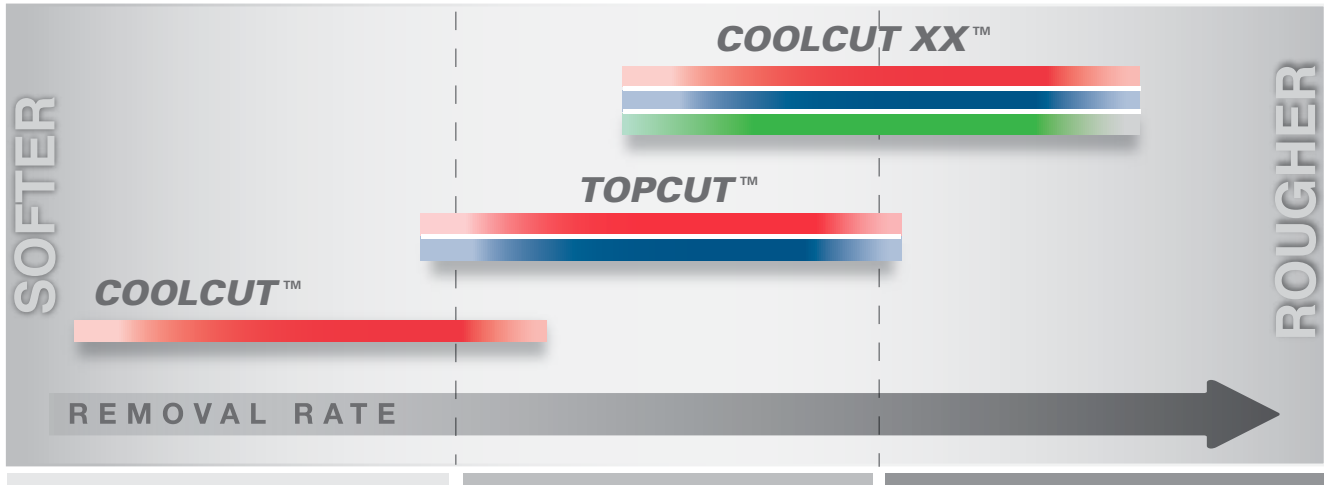
Light removal or finishing



Heavy stock removal



Highest productivity



● Steel ● Stainless steel ● Aluminum



Exclusive packaging!

TOPCUT™ AND COOLCUT XX™ 50 packs

Packaging that makes sense

Unique packaging for optimal performance

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

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, essentially keeping them "factory fresh" and ensuring you get the best life and performance. Discs are also shrink wrapped to minimize warping.



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

Tech tip!

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



COOLCUT XX™

The longest lasting, most aggressive sanding discs

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

REDUCE YOUR CYCLE TIME AND ELIMINATE BOTTLENECKS IN THE PRODUCTION PROCESS



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

COOLCUT XX™

50 pack



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

VIDEO



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COOLCUT XX™ QUICK-CHANGE

NEW

Now with SPIN-ON system

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

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

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

Tech tip! Use with new Turbo backing pads for 5/8"-11 threading

EASIER MOUNTING AND FASTER DISC CHANGE OUTS





- ▷ High quality impact resistant plastic with maximum flexibility



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



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

BACKING PAD ASSEMBLIES



Dia.	Thread	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
4"	M10 x 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

TURBO QUICK-CHANGE BACKING PADS (Black and white)

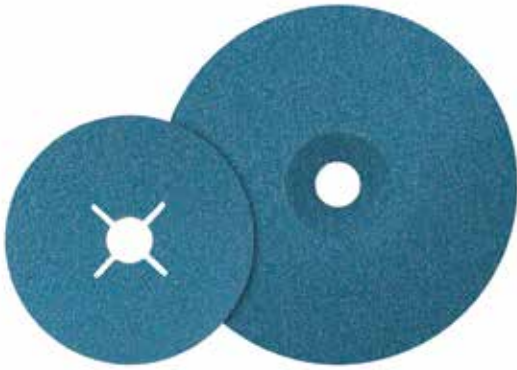
Special saucer shaped backing pad with ribbed backing, ensures a continuous stream of air between pad and disc for cool operation and long disc life. The ideal choice for COOLCUT XX.



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

NEW





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



Packaging of 50 discs

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

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.



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



Dia.	Arbor	Grit	Order No.	Std. 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

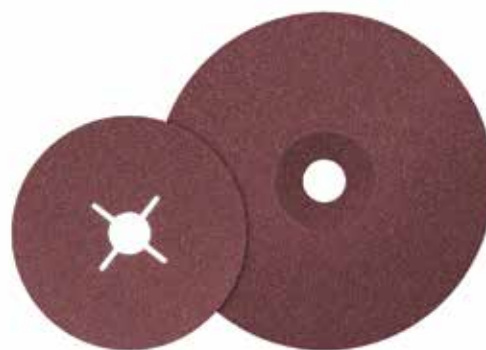
COOLCUT™

General purpose sanding

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



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



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



Tech tip! Use Coolcut sanding discs with an orange backing pad to achieve a consistent scratch pattern for finishing operations.



Accessories

Steel flanges

Reducer from 1" to 5/8" spindle

Order No. 15-G 962



GRIT - 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



Mandrel for finishing wheels

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

Order No. 07-C 003



COOLCUT™ FLAP WHEELS

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



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

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.



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™ 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





Hand pads:

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



Rolls:

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

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

Accessory

Hand pad holder

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

3" × 6"

Order No. 07-A 001



Rolls



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

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



SURFOX Pre-Weld
Order No. 54-A 083

COOLCUT™ SHOP ROLLS AND SHEETS

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 workpiece cool, minimizing wear and extending the life of the shop roll while making it safe to use on all metals.

Shop rolls



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

Sheets



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



- ▶ 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



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

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 Blendix
4-1/2" medium no. 07-R 453

STEP 3



Two-in-one drum 4-1/2"
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



www.walter.com

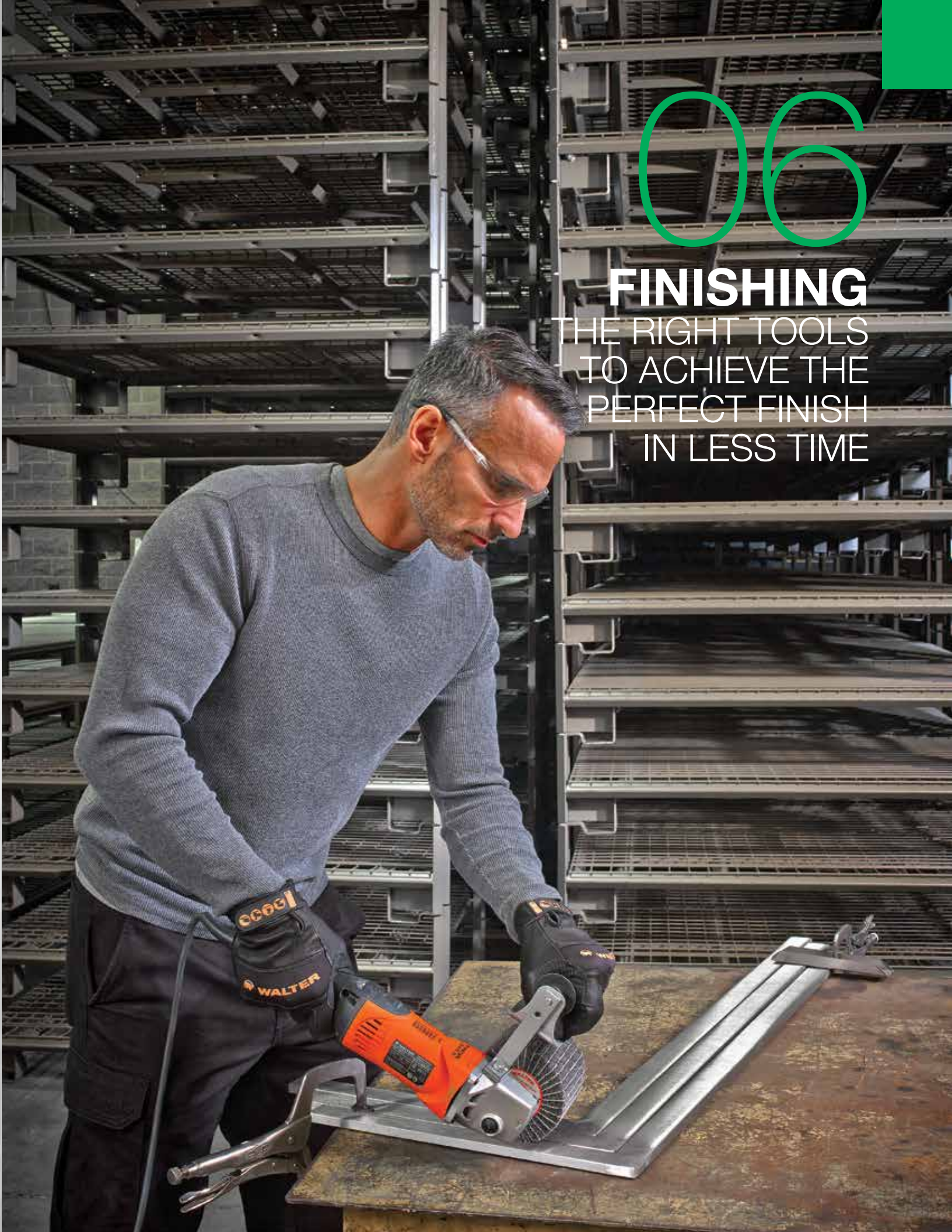
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06

FINISHING

THE RIGHT TOOLS
TO ACHIEVE THE
PERFECT FINISH
IN LESS TIME



LINEAR SURFACE FINISHING SYSTEM

The Line-Mate linear surface finishing system

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

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

			Type of finish	Pre-finishing	Coarse finish	Sanitary	Pharmaceutical	Light polish	Mirror finish
			Ra	(>60 µin)	(60-50 µin)	(40-25 µin)	(16-12 µin)	(8-4 µin)	(4-1 µin)
Product	Application	Product category	Grit size						
FX Drums @ 2000 RPM	Cleaning	07-L	Coarse						
			40						
			60						
			80						
			120						
Blendex Drums @ 2000 RPM	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	Applying a mirror finish	07-T + paste	White 1200-1500						
		07-T + paste	Blue 2000						
Cloth Drum Belts @ 2000 RPM	Removing deep scratches (Stock removal)	07-F	40						
			60						
			80						
			120						
Blendex Drum Belts @ 2000 RPM	Graining and finishing	07-H	Coarse						
			Medium						
			Fine						
			Super Fine						
High polish Drum Belts, Instant polish Drum Belts and polishing pastes	Applying a mirror finish	07-T + paste	White 1200-1500						
		07-T + paste	Blue 2000						
		07-T + Instant polish paste							

LINE-MATE LINEAR SURFACE FINISHING SYSTEM

The professional choice for applying a linear finish

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



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



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

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 442*	3,800	1	10
4 1/2"	4"	5/8"-11	Medium	07-M 443*	3,800	1	10
4 1/2"	4"	5/8"-11	Fine	07-M 444	3,800	1	10
4 1/2"	4"	5/8"-11	Super fine	07-M 445	3,800	1	10
4 1/2"	4"	5/8"-11	Ultra fine	07-M 446**	3,800	1	10

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

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



- ▷ 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

Length	Width	Thickness	Order No.	Std. Pkg.
16' 3/8"	1 37/64"	3/600"	07-T 100	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 3/4"	2"	5/8"-11	Multi-ply cotton	07-T 425	3,800	1,700 to 2,200	1	10
4 3/4"	2"	5/8"-11	Fold cotton	07-T 427	3,800	1,700 to 2,200	1	10

Use with polishing pastes.



Harder multi-ply Softer fold

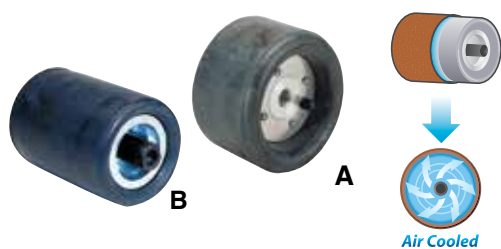
- ▷ Ideal for enhancing and brightening existing finishes, taking out stains in metals and bringing out a new lustre in work surfaces
- ▷ Use with polishing pastes for a mirror finish

HIGH POLISH DRUM BELTS

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

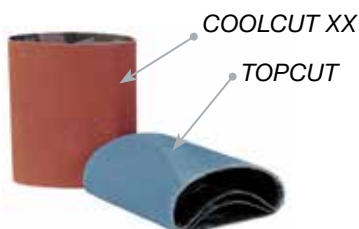
- ▷ Popular applications include upgrading of #4 finishes, polishing to a food grade finish, repairing minor scratches, etc.





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



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



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

PNEUMATIC DRUMS

Accessories

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

*MUST USE extension for pneumatic drum A

Replacement rubber bladder assemblies

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

Rubber cleaning stick

Prolongs the life of drum belts by removing build-up



TOPCUT™ and COOLCUT XX™ DRUM BELTS



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

BLENDEX™ DRUM BELTS



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



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

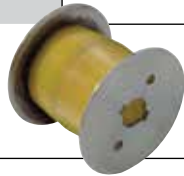


- ▷ Ideal for cleaning or finishing pipes, tubes and railings
- ▷ Produces a new sheen on tarnished pipes
- ▷ T-Lock allows quick and easy access when finishing closed loop workpieces



Accessory

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



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



INSTANT POLISH™ DRUM BELTS

One-Step solution for achieving a #8 mirror finish



Width	Length	Dia.	Order No.	Std. Pkg.	Std. Ctn.
3 1/2"	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



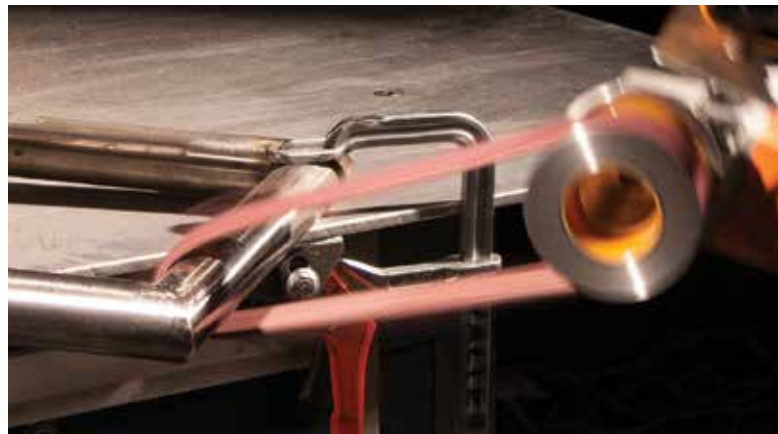
Width	Length	Grit	Color	Order No.	Std. Pkg.	Std. Ctn.
1 3/16"	24"	Coarse	Tan	07-H 242	3	48
1 3/16"	24"	Medium	Maroon	07-H 243	3	48
1 3/16"	24"	Fine	Blue	07-H 244	3	48
1 3/16"	24"	Super fine	Grey	07-H 245	3	48

T-LOCK POLISHING FELT BELT



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

Use with polishing paste.



HAND RAIL FINISHING KIT

Order No. 07-H 992

Includes:

- 1 Belt Drive Roller (07-F 002)
- 4 BLENDEX strip belts:
 - 1 coarse (07-H 242)
 - 1 medium (07-H 243)
 - 1 fine (07-H 244),
 - 1 super fine (07-H 245).

FX™ FLEX DRUMS

Clean welds and finish the surface in one step

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



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

FX™ DRUMS



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

FX™ DRUMS REVERSIBLE



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

LINEAR CRIMPED BRUSHES



Dia.	Width	Arbor	Wire size	Wire type	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	2"	5/8"-11	0.01	Tempered steel	13-M 454	4000	1	10

LINEAR CRIMPED BRUSHES



Dia.	Width	Arbor	Wire size	Wire type	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	2"	5/8"-11	0.01	S/S 304	13-M 464	4000	1	10



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



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



- ▷ Reversible for uniform wear on uneven surfaces



- ▷ Perfect for a ready-to-paint finish

- ▷ Cleans large surfaces faster
- ▷ Provides a smooth linear finish

- ▷ The best solution to clean uneven surfaces

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

LINE-MATE III™ SYSTEM

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 system!

Includes:

- 1 Line-Mate III™ with standard equipment plus carrying case
- 1 pneumatic drum (07-F 051)
- 6 cloth drum belts (2 each grit: 60, No. 07-F 506, 80, No. 07-F 508 and 120, No. 07-F 511)
- 2 BLENDEX drum belts (Coarse, No. 07-H 502, Medium, No. 07-H 503)
- 1 TWO-IN-ONE drum (4 1/4" x 4", No. 07-K 442)
- 1 BLENDEX drum (4 1/4" x 4" medium, No. 07-M 443)

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



FINISHING TUBES, RAILS AND PIPES

NEW**RAIL-MATE™**

Remove welds and finish pipes, tubes and railings faster

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

See page 165 for more details.

**TACKLE ANY APPLICATION**

FROM HEAVY STOCK REMOVAL TO POLISHING

Benefits

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

Features

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

Tech tip! Use faster speeds for heavy stock removal and lower speeds for finishing.

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

Product	Application	Product category	Type of Finish	Finish (Roughness average) obtained when using each product on 2B stainless steel surface.					
				Pre-Finish	Coarse Finish	Sanitary	Pharmaceutical	Light polish	Mirror finish
			Ra	(>60 µin)	(60-50 µin)	(40-25 µin)	(25-12 µin)	(8-4 µin)	(4-1 µin)
			Grit size						
Coolcut XX Belts	Blending	14-X	40	█					
			60	█	█				
			80		█				
			120			█			
Blendex Belts	Surface Conditioning	07-D	Coarse			█			
			Medium				█		
			Fine					█	
High Polish Belts	Mirror Finishing	07-T + paste	White 1200-1500						█
			Blue 2000						█
			Instant Polish 1200-2000						█

COOLCUT XX BELTS

For heavy stock removal

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

Coolcut XX Rail-Mate belts



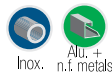
Width	Length	Grit	Order No.	Max RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
1 ½"	30"	40	14-X 154	3,200	2,900	5	100
1 ½"	30"	60	14-X 156	3,200	2,900	5	100
1 ½"	30"	80	14-X 158	3,200	2,900	5	100
1 ½"	30"	120	14-X 162	3,200	2,900	5	100

BLENDEX BELTS

For surface conditioning and removing fine scratches

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

Blendex Rail-Mate belts



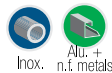
Width	Length	Grit	Order No.	Max RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
1 ½"	30"	Coarse	07-D 152	3,200	2,500	5	100
1 ½"	30"	Medium	07-D 153	3,200	2,500	5	100
1 ½"	30"	Fine	07-D 154	3,200	2,500	5	100

POLISHING BELTS

For applying a decorative or mirror finish

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

Rail-Mate polishing belts



Width	Length	Color	Order No.	Max RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
1 ½"	30"	Yellow	07-T 220	3,200	1,600	5	20

POLISHING PASTES

For use with polishing belts



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
Instant polish paste	07-T 907	1200 g	---	5



Benefits

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

Features

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



Benefits

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

Features

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



Features

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



COATED ABRASIVE FILE BELTS

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

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



TOPCUT+

INOX+

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

Accessory

Rubber cleaning stick

Prolongs the life of drum belts by removing build-up

Order No. 14-E 001



TOPCUT+ FILE BELTS



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

INOX+ FILE BELTS



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

NON-WOVEN ABRASIVE FILE BELTS

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



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

BLENDEx+™ FILE BELTS



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

CIRCULAR FINISHING QUICK-STEP SYSTEM

VIDEO



www.walter.com

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	Finish					
				Pre-finishing (>60 µm)	Coarse Finish (60-50 µm)	Sanitary (40-25 µm)	Pharmaceutical (20-12 µm)	Light polish (8-4 µm)	Mirror finish (4-1 µm)
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						



Learn how to achieve the perfect finish every time with our online videos at www.youtube.com/thewalternetwork



High Efficiency QUICK-STEP sander/polisher (See p. 163 for details)

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



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

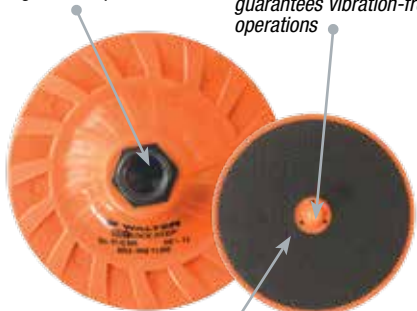
QUICK-STEP™ BACKING PADS

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



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

Exclusive centering pin guarantees vibration-free operations



Torque resistant mushroom hooks hold discs securely in place

QUICK-STEP MG BACKING PADS

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

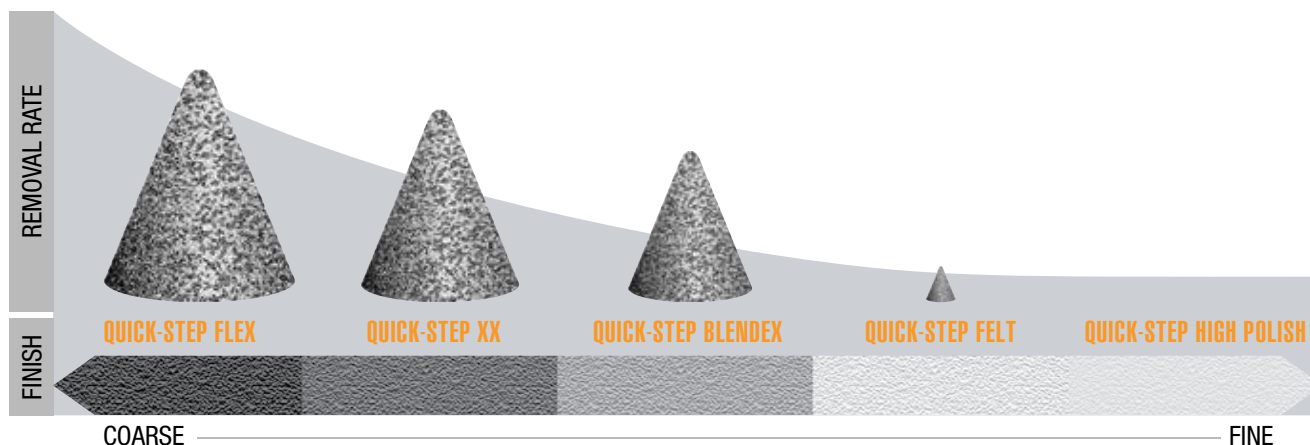
Pad dia.	For disc dia.	Thread	Order No.	Std. Pkg.	Std. Ctn.
4 1/2"	4 1/2"	5/8"-11	07-Q 149	1	10
5"	5"	5/8"-11	07-Q 154	1	10
6"	6"	5/8"-11	07-Q 164	1	10
7"	7"	5/8"-11	07-Q 174	1	10

QUICK-STEP BACKING PADS

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

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

QUICK-STEP™ METAL SURFACE FINISHING SYSTEM



QUICK-STEP™ FX

QUICK-STEP FX SURFACE CLEANING DISCS



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



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

QUICK-STEP™ FLEX



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



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

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



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



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

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



QUICK-STEP XX™ SANDING DISCS

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



Dia.	Grit	Order No.	Max. RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
4 1/2"	120	15-V 412	7,400	5,000	25	250
4 1/2"	180	15-V 418	7,400	5,000	25	250
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 provides a soft foam cushion between the abrasive and the backing pad to increase flexibility and produce a better finish without gouging the work surface.

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

Spacer washers

For long 5/8"–11 spindles

Order No. 07-Q 001

For long M14×2.0 spindles

Order No. 07-Z 005

POLISHING PASTES

For use with felt, high polish and instant polish discs



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

QUICK-STEP BLENDEX

SURFACE CONDITIONING DISCS



Dia.	Grit	Order No.	Max. RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
4 1/2"	X-TRA COARSE, brown	07-R 450	11,000		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

QUICK-STEP FELT DISCS



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

* For use with Ulti-Mate finishing tool (see p. 105)

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



QUICK-STEP HIGH POLISH DISCS



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

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



QUICK-STEP INSTANT POLISH™ DISCS

One-step solution to achieving a #8 mirror finish



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

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

▶ The polishing paste is pre-applied on the disc

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



BLENDEX U™

Superior finishes in less time

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



BLENDEX U CUP DISCS



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
6"	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.

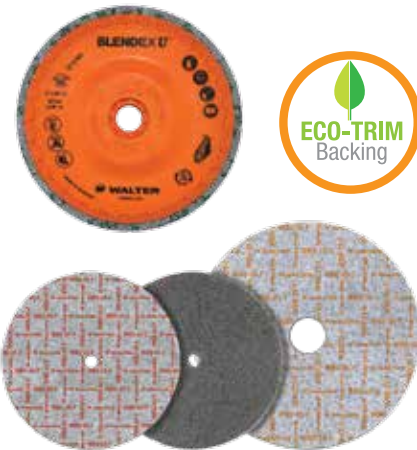
FELT CUP DISC

Hard density felt disc for polishing applications



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

- ▷ **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



- ▷ To be used with polishing pastes (See page 100)
- ▷ For use on angle grinders with a suitable speed range

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.

SPIN-ON Cup discs



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

Mounted wheels



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

Cleaning wheels



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

Accessories

Mounting accessories for 4" FX wheels

Mandrels for use on straight grinders and drills

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

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



Mounting accessories for 6" FX wheels

Mandrels for use on straight grinders and drills

1/4" shaft **Order No.** 07-X 006

8 mm shaft **Order No.** 07-X 005



Extension mandrels for use on angle grinders

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

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



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

VIDEO



www.walter.com

- ▷ Excellent for working in confined areas



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





FX STAINLESS

For cleaning welds on stainless steel

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

Dia.	Width	Arbor	Order No.	Max. RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
6"	1/2"	7/8"	07-X 661	4,000	2,400 to 2,700	5	150
6"	1/4"	7/8"	07-X 662	4,000	2,400 to 2,700	5	300

Features

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

Benefits

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



BLENDEX U TURBO

For blending in fillet welds and deburring applications

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

Features

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

Benefits

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

Tech tip!

Use with the Ulti-Mate system (see p. 105) to blend and finish fillet welds with ease

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



QUICK-STEP™ STARTER KIT

Includes:

- 1 QUICK-STEP 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 grit 120 (15-V 412)
- 2 QUICK-STEP XX grit 240 (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 (07-T 450)
- 1 QUICK-STEP high polish (07-T 454)
- 1 mini white paste (07-T 911)
- 1 mini blue paste (07-T 915)

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

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

NEW

ULTI-MATE™ SYSTEM

Ulti-mate system for finishing in tight corners



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

See page 164 for more details.



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

Includes:

- Ulti-Mate powertool
- 1 Enduro-Flex 2-in-1 Turbo (15-l 451)
- 1 Enduro-Flex 2-in-1 (15-l 453)
- 1 Blendex U Turbo, 1/4" width (07-U 625)
- 1 Blendex U Turbo, 1/6" width (07-U 615)
- 1 Blendex U 2SF, 1/4" width (07-U 621)
- 1 FX Stainless Wheel, 1/4" width (07-X 662)

Benefits

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

Features

- ▶ Dialspeed™ variable speed control allows you to quickly go from 1,600-3,200 RPM to tackle any application from heavy stock removal to polishing
- ▶ Powerful 1,450 W industrial motor with Dynamax™ RPM monitoring to maintain constant RPM under load
- ▶ Soft Start™ technology

	Product	Application	Product category	Type of Finish	Finish (Roughness average) obtained when using each product on 2B stainless steel surface.					
					Pre-Finish (>60 µin)	Coarse Finish (60-50 µin)	Sanitary (40-25 µin)	Pharmaceutical (25-12 µin)	Light polish (8-4 µin)	Mirror finish (4-1 µin)
				Ra	(>60 µin)	(60-50 µin)	(40-25 µin)	(25-12 µin)	(8-4 µin)	(4-1 µin)
				Grit size						
DISCS	Enduro-Flex 2-in-1 Turbo	Blending	15-l	36/60 + coarse						
	Enduro-Flex 2-in-1	Blending	15-l	80 + medium						
	Blendex U cup	Surface conditioning	07-U	3SF						
	FX cup	Surface cleaning	07-X							
WHEELS	Blendex U Turbo	Blending	07-U	7ZC						
	Blendex U	Surface conditioning	07-U	6AM						
				6SF						
				2SF						
	FX	Surface cleaning	07-X	FX						
				FX Stainless						
Felt	Mirror finishing	07-T + paste	White							
			1200-1500							
			Blue 2000							
			Instant Polish 1200-2000							

TWIST SURFACE FINISHING SYSTEM

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

QUICK DISC CHANGE BETWEEN FINISHING STEPS

Simply twist any abrasive to the backing pad and start working

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



TWIST™ QUICK-CHANGE SURFACE FINISHING SYSTEM

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

TWIST BACKING PADS

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

Color code: Medium = orange, Hard = black



- ▷ 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 ½"	40	04-A 254	23,000	12,000	10	400
2 ½"	60	04-A 256	23,000	12,000	10	400
2 ½"	80	04-A 258	23,000	12,000	10	400
2 ½"	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 COOLCUT XX SANDING DISCS

NEW

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



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

TWIST TOPCUT SANDING DISCS



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



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

COLOR CODED FOR EASY IDENTIFICATION



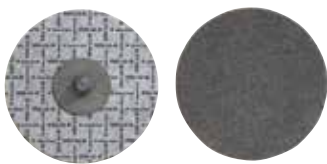
TWIST BLENDEX CONDITIONING DISCS



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



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

- ▷ Designed for polishing
- ▷ 100% pure premium wool product
- ▷ Use with Walter polishing pastes



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



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



TWIST Blendex U discs



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

TWIST felt discs



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

Polishing pastes

For use with Twist felt discs



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

FX surface cleaning discs



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

TWIST STARTER KITS

2" assortment includes:

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

Order No. 04-Z 992

3" assortment includes:

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

Order No. 04-Z 993



07

**MECHANICAL
CLEANING**
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.

Perfect Balance

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

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



Longest Life

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

Color coded hubs for easy identification

Hub color Wire type

Orange



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






Blue



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



Choose the right wire brush for your application

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

WIRE CUP BRUSHES

For angle grinders

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

Crimped



Dia.	Arbor	Order No.	Wire	Max. RPM	Std. Pkg.	Std. Ctn.
3"	M10 × 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



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



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

VIDEO



www.walter.com

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



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



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



Double-row

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



WIRE CUP BRUSHES

Knot-twisted with ring



Dia.	Arbor	Order No.	Wire	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



Dia.	Arbor	Order No.	Wire	Thick.	Max. RPM	Std. Pkg.	Std. Ctn.
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	.020"	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

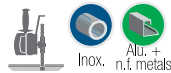
These brushes are made from top quality wire that is perfectly knotted and balanced for minimal vibration and maximum operator safety. Quicker surface cleaning, the longest product life in the industry and an emphasis on operator safety make our wire wheel brushes the preferred choice for professionals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

Crimped wire wheel



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

Crimped wire wheel



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

Stringer bead



Dia.	Width	Arbor	Order No.	Wire	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

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



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



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

SAUCER-CUP BRUSHES

For cleaning hard-to-reach areas

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

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

Crimped



Dia.	Arbor	Order No.	Wire	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

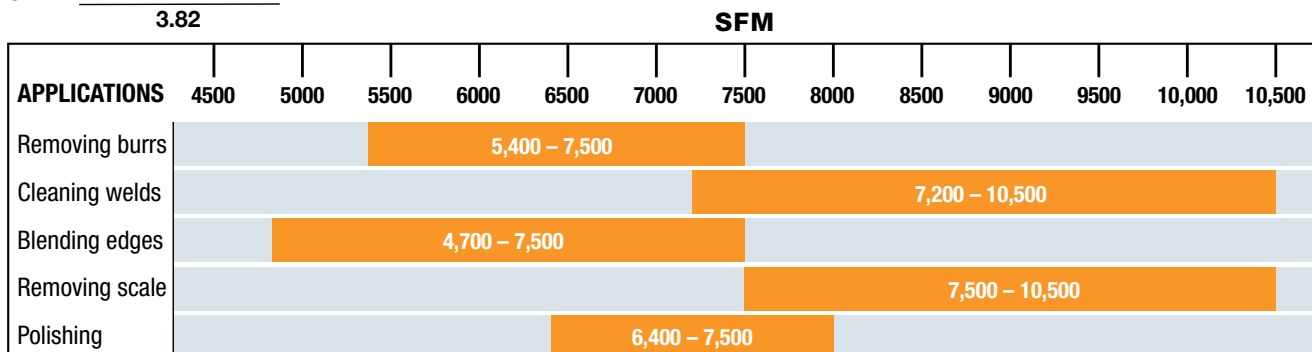
To convert brushes with 5/8"-11 arbor, please see page 171 for special threaded adaptors.



Choose the right speed for your application

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

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





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

Spherical



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

Straight



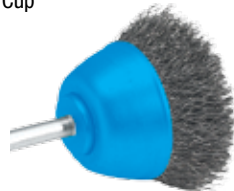
Conical



Wheel



Cup



MOUNTED WIRE BRUSHES

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

For die grinders 1/4" shaft.

Mounted crimped



Type	Dia.	Width	Order No.	Wire	Max. RPM	Std. Pkg.	Std. Ctn.
Straight	1/2"		13-C 003	.010"	25,000	1	10
Straight	1/2"		13-C 005	.020"	25,000	1	10
Straight	3/4"		13-C 008	.014"	25,000	1	10
Conical	3/4"		13-C 028	.014"	25,000	1	10
Wheel	1 3/8"	1/4"	13-C 110	.008"	25,000	1	10
Wheel	2"	5/8"	13-C 120	.0118"	25,000	1	10
Wheel	3"	1/4"	13-C 123	.0118"	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
Spherical	1 1/2"	1 1/2"	13-C 215	.008"	20,000	1	10
Spherical	2"	2"	13-C 225	.01"	20,000	1	10
Spherical	3"	3"	13-C 230	.0118"	15,000	1	10

Mounted crimped



Type	Dia.	Width	Order No.	Wire	Max. RPM	Std. Pkg.	Std. Ctn.
Straight	1/2"		13-C 053	.010"	25,000	1	10
Straight	1/2"		13-C 055	.020"	25,000	1	10
Straight	3/4"		13-C 058	.014"	25,000	1	10
Conical	3/4"		13-C 078	.0118"	25,000	1	10
Wheel	1 3/8"	1/4"	13-C 160	.008"	25,000	1	10
Wheel	2"	5/8"	13-C 170	.0118"	25,000	1	10
Wheel	3"	1/4"	13-C 173	.0118"	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
Spherical	1 1/2"	1 1/2"	13-C 265	.008"	20,000	1	10
Spherical	2"	2"	13-C 275	.01"	20,000	1	10
Spherical	3"	3"	13-C 280	.0118"	15,000	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).

**COMBINE YOUR WIRE BRUSH WITH THE BEST POWER TOOL!
See page 168.**

**Linear crimped**

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

Linear crimped

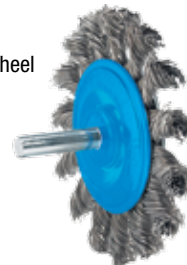
Dia.	Width	Arbor	Order No.	Wire	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	2"	5/8"-11	13-M 464	.01"	4,000	1	10

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

Straight



Wheel



Saucer-cup



Cup



Wheel

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 operation and long life. They are most commonly used to remove paint, rust and corrosion, for light deburring and similar cleaning jobs.

Crimped



Dia.	Width	Arbor	Order No.	Wire	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 wire has optimal density and wire trim for the most effective brushing action and longest life
- ▷ For general surface cleaning and deburring applications

Crimped



Dia.	Width	Arbor	Order No.	Wire	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".

Accessory

Replacement set of bushings
Complete set **Order No. 13-B 015**

Knot-twisted



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

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






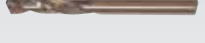


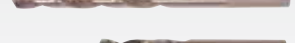
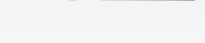

- ▷ These brushes are designed to be flipped and mounted in the opposite direction
- ▷ This self-sharpens the wires, increasing the life while maintaining fast cleaning and deburring rates



08

TOOLING
PREMIUM TOOLING
FOR PROFESSIONALS

How to choose the right drill bit

For drilling holes smaller than 1/2 in. ⁽¹⁾					
Type of power tool	Material to drill	Thickness of material ⁽²⁾	Required drill bit	Picture	Why?
Drill press, magnetic drilling unit, automated drilling machine	Mild steel	< 1/2"	SST+ 135° Stub Round Shank		Strongest drill bit, won't break if you get stuck.
		< 1/2"	SST+ 135° Stub Quick Shank		Best grip on your powertool, allows you to drill fast and precise.
	> 1/2"	SST+ 135° Jobbers Round Shank		Most effective in thick material, won't break if you get stuck.	
	High tensile steel	< 1/2"	SST+ 135° Stub Round Shank		Strongest drill bit, won't break if you get stuck.
> 1/2"		SST+ 135° Jobbers Round Shank		Most effective in thick material, won't break if you get stuck.	
Hand held power tool	Mild steel	< 1/2"	SST 118° Stub Quick Shank		Best grip on your powertool, allows you to drill fast and precise.
		> 1/2"	SST+ 135° Jobbers Quick Shank		Best grip for hand held tools. Allows you to drill in a hard to reach area, fast and precise.
	High tensile steel	< 1/2"	SST+ 135° Stub Round Shank		Strongest drill bit, won't break if you get stuck.
		> 1/2"	SST+ 135° Jobbers Round Shank		Most effective in thick material, won't break if you get stuck.

(1) Tech tip! For drilling bigger holes, use a reduced shank or a Prentice drill bit

(2) Tech tip! For best performance, never drill a hole deeper than 1/2 the length of the drill bit's fluting

All Walter drill bits feature:

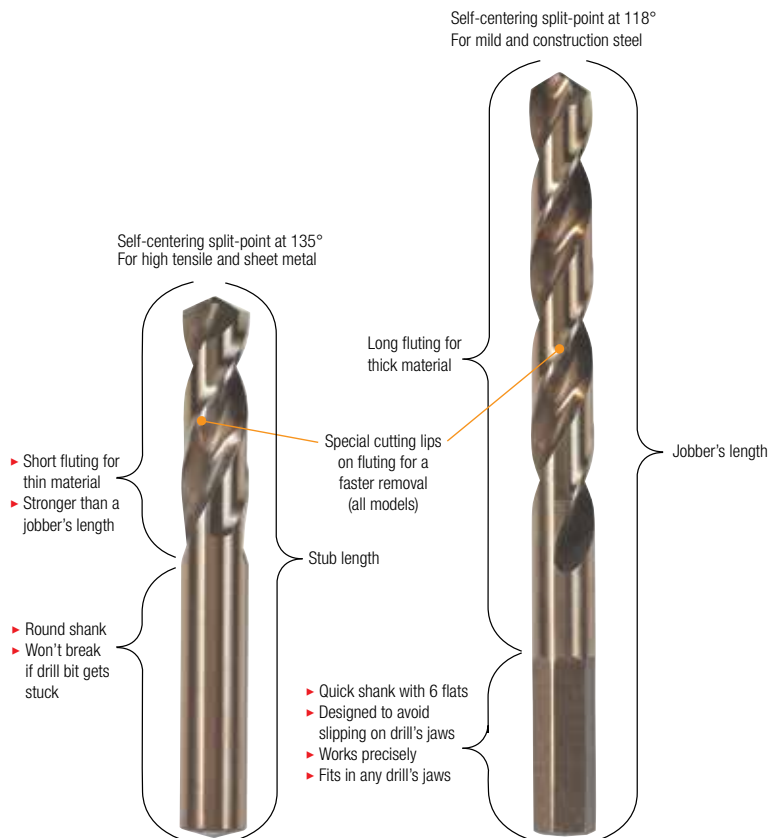
- ▷ Special HSS M35 with cobalt blend (HSS+Co) for premium life and performance
- ▷ High flow spiral and chisel edge design to maximize chip evacuation
- ▷ Proven SST heat and surface treatment to reduce friction and increase the chip flow
- ▷ Heavy-duty, fully ground body construction
- ▷ Self-centering split point allowing you to drill any size of hole in a single operation and preventing from the "walking" effect on curved surfaces

Drill more holes... faster!

Tech tip! Three ways to maximize drilling efficiency:

- Use the correct feed rate
- Use the correct RPM speed
- Use Walter's COOLCUT lubricant stick

Order No.: 53-B 013



SST™ 118° JOBBERS LENGTH FRACTIONAL

Quick shank drill bits

For hand held tools in mild steel

The proven original SST drill bit, made with M35 cobalt blend, is designed with an exclusive quick shank that ensures fast and secure tightening inside any keyed or keyless chucks. Ideal for cordless drills, allowing you to drill more holes per charge. Recommended for drilling on any type of thin gauge metal or sheet metal where a jobber's length bit is required. Ability to drill through multiple layers of metal quickly and easily.

- ▷ *Unique shank design with six long flats*
- ▷ *Self-centering 118° split point geometry*
- ▷ *Proven SST heat and surface treatment*
- ▷ *Back tapered body*
- ▷ *Heavy-duty HSS+Co body construction*



Drill Size	Flute Length	Overall Length	Order No.	Std. Pkg.	Std. Ctn.
1/16"	3/16"	13/16"	01-A 004	10	100
5/64"	15/16"	1 15/16"	01-A 005	10	100
3/32"	1 3/16"	2 1/4"	01-A 006	10	100
7/64"	1 5/16"	2 3/8"	01-A 007	10	100
1/8"	1 7/16"	2 9/16"	01-A 008	10	100
9/64"	1 9/16"	2 3/4"	01-A 009	10	100
5/32"	1 11/16"	2 15/16"	01-A 010	10	100
11/64"	1 7/8"	3 1/8"	01-A 011	10	100
3/16"	2 1/16"	3 3/8"	01-A 012	10	100
13/64"	2 1/16"	3 3/8"	01-A 013	10	100
7/32"	2 1/4"	3 11/16"	01-A 014	10	100
15/64"	2 1/4"	3 11/16"	01-A 015	10	100
1/4"	2 1/2"	4"	01-A 016	10	100
17/64"	2 11/16"	4 5/16"	01-A 017	10	100
9/32"	2 11/16"	4 5/16"	01-A 018	10	100
19/64"	2 15/16"	4 5/8"	01-A 019	10	100
5/16"	2 15/16"	4 5/8"	01-A 020	10	100
21/64"	2 15/16"	4 5/8"	01-A 021	10	100
11/32"	3 3/16"	4 15/16"	01-A 022	10	100
23/64"	3 3/16"	4 15/16"	01-A 023	10	100
3/8"	3 7/16"	5 1/4"	01-A 024	10	100
25/64"	3 7/16"	5 1/4"	01-A 025	5	50
13/32"	3 7/16"	5 1/4"	01-A 026	5	50
27/64"	3 11/16"	5 9/16"	01-A 027	5	50
7/16"	3 11/16"	5 9/16"	01-A 028	5	50
29/64"	3 11/16"	5 9/16"	01-A 029	5	50
15/32"	4"	5 15/16"	01-A 030	5	50
31/64"	4"	5 15/16"	01-A 031	5	50
1/2"	4"	5 15/16"	01-A 032	5	50

Packaged in reusable plastic boxes.

Sizes 11/64" and smaller have a round shank.



QUICK SHANK

DROP-IN, TIGHTEN, DRILL.
IT WON'T SLIP.



*Shock-resistant,
extra-thick
polyethylene drill bit
carrying case*

1/16" to 1/2" by 64ths
29 drill bits

Order No. 01-E 118

Tech tip!

For increased cutting efficiency and tool life, use COOLCUT solid stick lubricant.

Order No.: 53-B 013

VIDEO



www.walter.com

SST+™ 135° JOBBERS LENGTH FRACTIONAL

Round shank drill bits

For high tensile steel

Walter SST+ drill bits are made from M35 cobalt blend to drill even more holes faster on any type of material.



Drill Size	Flute Length	Overall Length	Order No.	Std. Pkg.	Std. Ctn.
1/64"	3/16"	1 3/16"	01-A 501	10	100
1/32"	3/8"	1 3/4"	01-A 502	10	100
3/64"	5/8"	1 1/2"	01-A 503	10	100
1/16"	1 3/16"	1 11/16"	01-A 504	10	100
5/64"	1 5/16"	1 15/16"	01-A 505	10	100
3/32"	1 3/4"	2 1/4"	01-A 506	10	100
7/64"	1 5/16"	2 3/8"	01-A 507	10	100
1/8"	1 7/16"	2 9/16"	01-A 508	10	100
9/64"	1 9/16"	2 3/4"	01-A 509	10	100
5/32"	1 11/16"	2 15/16"	01-A 510	10	100
11/64"	1 7/8"	3 1/8"	01-A 511	10	100
3/16"	2 1/16"	3 3/8"	01-A 512	10	100
13/64"	2 1/16"	3 3/8"	01-A 513	10	100
7/32"	2 1/4"	3 11/16"	01-A 514	10	100
15/64"	2 1/4"	3 11/16"	01-A 515	10	100
1/4"	2 1/2"	4"	01-A 516	10	100
17/64"	2 11/16"	4 5/16"	01-A 517	10	100
9/32"	2 11/16"	4 5/16"	01-A 518	10	100
19/64"	2 15/16"	4 5/8"	01-A 519	10	100
5/16"	2 15/16"	4 5/8"	01-A 520	10	100
21/64"	2 15/16"	4 5/8"	01-A 521	10	100
11/32"	3 3/16"	4 15/16"	01-A 522	10	100
23/64"	3 3/16"	4 15/16"	01-A 523	10	100
3/8"	3 7/16"	5 1/4"	01-A 524	10	100
25/64"	3 7/16"	5 1/4"	01-A 525	5	50
13/32"	3 7/16"	5 1/4"	01-A 526	5	50
27/64"	3 11/16"	5 9/16"	01-A 527	5	50
7/16"	3 11/16"	5 9/16"	01-A 528	5	50
29/64"	3 11/16"	5 9/16"	01-A 529	5	50
15/32"	4"	5 15/16"	01-A 530	5	50
31/64"	4"	5 15/16"	01-A 531	5	50
1/2"	4"	5 15/16"	01-A 532	5	50

Packaged in reusable plastic packaging.
 Sizes 3/64" and smaller have a regular point.



- ▷ Self-centering 135° split point geometry
- ▷ Proven SST heat and surface treatment
- ▷ Heavy-duty HSS+Co body construction
- ▷ High flow flute design



1/16" to 1/2" by 64ths
 29 drill bits

Order No. 01-E 618

**Shock-resistant,
 extra-thick
 polyethylene drill bit
 carrying case**

- ▷ Refillable
- ▷ Protects drill bits from water, rust, oil and other contaminants
- ▷ Quick-release belt clip

SST+™ 135° JOBBERS LENGTH METRIC AND LETTER SIZES

Round shank drill bits

For high tensile steel

Walter has a substantial offering of metric and letter size SST+ twist drill bits so professionals across a wide range of industries can enjoy the same quality and performance our fractional drill bits are known for.



Metric sizes

Drill size (mm)	Flute length (mm)	Overall length (mm)	Order No.	Std. Pkg.	Std. Ctn.
1.00	12	34	01-D 510	10	100
1.25	16	38	01-D 512	10	100
1.50	20	43	01-D 515	10	100
1.75	22	46	01-D 517	10	100
2.00	24	49	01-D 520	10	100
2.25	27	53	01-D 522	10	100
2.50	30	57	01-D 525	10	100
2.75	33	61	01-D 527	10	100
2.90	33	61	01-D 529	10	100
3.00	33	61	01-D 530	10	100
3.25	36	65	01-D 532	10	100
3.30	36	65	01-D 533	10	100
3.50	39	70	01-D 535	10	100
3.75	39	70	01-D 537	10	100
4.00	43	75	01-D 540	10	100
4.20	43	75	01-D 542	10	100
4.25	43	75	01-D 543	10	100
4.50	47	80	01-D 545	10	100
4.75	47	80	01-D 547	10	100
5.00	52	86	01-D 550	10	100
5.25	52	86	01-D 552	10	100
5.50	57	93	01-D 555	10	100
5.75	57	93	01-D 557	10	100
6.00	57	93	01-D 560	10	100
6.25	63	101	01-D 562	10	100
6.50	63	101	01-D 565	10	100
6.70	63	101	01-D 567	10	100
6.75	69	109	01-D 568	10	100

Letter sizes

Drill size	Flute length	Overall length	Order No.	Std. Pkg.	Std. Ctn.
F	2 1/2"	4"	01-C 506	10	100
I	2 3/4"	4 1/4"	01-C 509	10	100
Q	3"	4 5/8"	01-C 517	10	100
U	3 3/16"	4 15/16"	01-C 521	10	100

Packaged in reusable plastic packaging.

Drill size (mm)	Flute length (mm)	Overall length (mm)	Order No.	Std. Pkg.	Std. Ctn.
7.00	69	109	01-D 570	10	100
7.25	69	109	01-D 572	10	100
7.50	69	109	01-D 575	10	100
7.75	75	117	01-D 577	10	100
8.00	75	117	01-D 580	10	100
8.25	75	117	01-D 582	10	100
8.50	75	117	01-D 585	10	100
8.75	81	125	01-D 587	10	100
9.00	81	125	01-D 590	10	100
9.25	81	125	01-D 592	10	100
9.50	81	125	01-D 595	10	100
9.75	87	133	01-D 597	5	100
10.00	87	133	01-D 600	5	50
10.20	87	133	01-D 602	5	50
10.25	87	133	01-D 603	5	50
10.50	87	133	01-D 605	5	50
10.75	94	142	01-D 607	5	50
11.00	94	142	01-D 610	5	50
11.25	94	142	01-D 612	5	50
11.50	94	142	01-D 615	5	50
11.75	101	151	01-D 617	5	50
12.00	101	151	01-D 620	5	50
12.25	101	151	01-D 622	5	50
12.50	101	151	01-D 625	5	50
12.75	101	151	01-D 627	5	50
13.00	101	151	01-D 630	5	50

Packaged in reusable plastic packaging.

SST+™ 135° JOBBERS LENGTH WIRE GAUGE

Round shank drill bits

For high tensile steel

Our SST+ twist drill bits are also available in wire gauge sizes commonly used by electricians and electrical contractors.



*Packaged in reusable plastic packaging.
Sizes #53 to #60 have a regular point.*

Drill Size	Flute Length	Overall Length	Order No.	Std. Pkg.	Std. Ctn.
1	2 1/4"	3 11/16"	01-B 501	10	100
2	2 1/4"	3 11/16"	01-B 502	10	100
3	2 1/4"	3 11/16"	01-B 503	10	100
4	2 1/4"	3 3/8"	01-B 504	10	100
5	2 1/4"	3 3/8"	01-B 505	10	100
6	2 1/4"	3 3/8"	01-B 506	10	100
7	2 1/4"	3 3/8"	01-B 507	10	100
8	2 1/4"	3 3/8"	01-B 508	10	100
9	2 1/4"	3 3/8"	01-B 509	10	100
10	2 1/4"	3 3/8"	01-B 510	10	100
11	2 1/4"	3 3/8"	01-B 511	10	100
12	2 1/4"	3 3/8"	01-B 512	10	100
13	1 7/8"	3 1/8"	01-B 513	10	100
14	1 7/8"	3 1/8"	01-B 514	10	100
15	1 7/8"	3 1/8"	01-B 515	10	100
16	1 7/8"	3 1/8"	01-B 516	10	100
17	1 7/8"	3 1/8"	01-B 517	10	100
18	1 7/8"	3 1/8"	01-B 518	10	100
19	1 11/16"	2 15/16"	01-B 519	10	100
20	1 11/16"	2 15/16"	01-B 520	10	100
21	1 11/16"	2 15/16"	01-B 521	10	100
22	1 11/16"	2 15/16"	01-B 522	10	100
23	1 11/16"	2 15/16"	01-B 523	10	100
24	1 11/16"	2 15/16"	01-B 524	10	100
25	1 11/16"	2 15/16"	01-B 525	10	100
26	1 9/16"	2 3/4"	01-B 526	10	100
27	1 9/16"	2 3/4"	01-B 527	10	100
28	1 9/16"	2 3/4"	01-B 528	10	100
29	1 9/16"	2 3/4"	01-B 529	10	100
30	1 7/16"	2 9/16"	01-B 530	10	100
31	1 5/16"	2 3/8"	01-B 531	10	100
32	1 5/16"	2 3/8"	01-B 532	10	100
33	1 5/16"	2 3/8"	01-B 533	10	100
34	1 5/16"	2 3/8"	01-B 534	10	100
35	1 5/16"	2 3/8"	01-B 535	10	100
36	1 5/16"	2 3/8"	01-B 536	10	100
37	1 3/16"	2 1/4"	01-B 537	10	100
38	1 3/16"	2 1/4"	01-B 538	10	100
39	1 3/16"	2 1/4"	01-B 539	10	100
40	1 3/16"	2 1/4"	01-B 540	10	100
41	1 3/16"	2 1/4"	01-B 541	10	100
42	1 3/16"	2 1/4"	01-B 542	10	100
43	1 1/16"	2 1/16"	01-B 543	10	100
44	1 1/16"	1 15/16"	01-B 544	10	100
45	15/16"	1 15/16"	01-B 545	10	100
46	15/16"	1 15/16"	01-B 546	10	100
47	15/16"	1 15/16"	01-B 547	10	100
48	7/8"	1 13/16"	01-B 548	10	100
49	7/8"	1 13/16"	01-B 549	10	100
50	7/8"	1 13/16"	01-B 550	10	100
51	13/16"	1 11/16"	01-B 551	10	100
52	13/16"	1 11/16"	01-B 552	10	100
53	11/16"	1 9/16"	01-B 553	10	100
54	11/16"	1 9/16"	01-B 554	10	100
55	5/8"	1 1/2"	01-B 555	10	100
56	5/8"	1 1/2"	01-B 556	10	100
57	9/16"	1 7/16"	01-B 557	10	100
58	1/2"	1 5/16"	01-B 558	10	100
59	1/2"	1 5/16"	01-B 559	10	100
60	1/2"	1 5/16"	01-B 560	10	100

SST+™ 135° DOUBLE-ENDED FRACTIONAL AND RIVET SIZES

Round shank stub drill bits

For thin gauge and sheet metal

The most effective double-ended drill bit available that can allow you to drill hundreds of holes faster than anyone else.

The state of the art cobalt blend provides these drill bits an incomparable lifespan that would make any black oxide competitors blush.

Even if you want to drill a hole into sheet metal, thin material, for automotive or aeronautical purposes, for a rivet hole or simply to double the life of your current stub length drill bit, the ultimate effectiveness is now offered to you on a silver plate.



Fractional sizes

Drill Size	Flute Length	Overall Length	Order No.	Std. Pkg.	Std. Ctn.
1/16"	23/64"	1 1/2"	01-K 004	10	100
5/64"	23/64"	1 1/2"	01-K 005	10	100
3/32"	25/64"	1 11/16"	01-K 006	10	100
7/64"	7/16"	1 13/16"	01-K 007	10	100
1/8"	15/32"	1 59/64"	01-K 008	10	100
9/64"	35/64"	2 3/64"	01-K 009	10	100
5/32"	35/64"	2 11/64"	01-K 010	10	100
11/64"	5/8"	2 9/32"	01-K 011	10	100
3/16"	11/16"	2 7/16"	01-K 012	10	100
13/64"	11/16"	2 7/16"	01-K 013	10	100
7/32"	3/4"	2 19/32"	01-K 014	10	100
15/64"	3/4"	2 19/32"	01-K 015	10	100
1/4"	53/64"	2 3/4"	01-K 016	10	100

- ▷ Self-centering 135° split point geometry
- ▷ Special bronze SST surface treatment
- ▷ Heavy-duty fully ground body construction
- ▷ High flow flute design
- ▷ Double-ended design provides twice the life and quicker change outs compared to traditional drill bits

Corresponding rivet sizes

Drill Size	For Rivet Size	Flute Length	Overall Length	Order No.	Std. Pkg.	Std. Ctn.
F	1/4"	1 7/64"	4 1/64"	01-K 206	10	100
#1	7/32"	3/4"	2 19/32"	01-K 101	10	100
#10	3/16"	11/16"	2 7/16"	01-K 110	10	100
#20	5/32"	5/8"	2 9/32"	01-K 120	10	100
#30	1/8"	35/64"	2 3/64"	01-K 130	10	100
#40	3/32"	7/16"	1 13/16"	01-K 140	10	100
#51	1/16"	25/64"	1 11/16"	01-K 151	10	100



- ▷ Self-centering 135° split point geometry
- ▷ Special bronze SST surface treatment
- ▷ Heavy-duty fully ground body construction
- ▷ High flow flute design
- ▷ Unique shank design with six long flats to provide a better grip for cordless and corded power tools

Tech tip! Remember this rule:
 Small diameter bits= High speed, low feed
 Large diameter bits= Low speed, high feed

SST+™ 135° STUB LENGTH FRACTIONAL Quick shank drill bits

For thin gauge material and sheet metal

Excellent for drilling into sheet metal and other thin-walled material. The 135° split point prevents center-punching and its short length helps prevent breakage, making it an ideal option for drilling in confined spaces.



Drill size	Flute length	Overall length	Order No.	Std. Pkg.	Std. Ctn.
1/16"	3/8"	1 5/16"	01-H 004	10	100
5/64"	1/2"	1 1/2"	01-H 005	10	100
3/32"	9/16"	1 11/16"	01-H 006	10	100
7/64"	5/8"	1 13/16"	01-H 007	10	100
1/8"	11/16"	1 15/16"	01-H 108	10	100
9/64"	13/16"	2 1/16"	01-H 109	10	100
5/32"	7/8"	2 3/16"	01-H 110	10	100
11/64"	15/16"	2 5/16"	01-H 111	10	100
3/16"	1"	2 7/16"	01-H 112	10	100
13/64"	1"	2 7/16"	01-H 113	10	100
7/32"	1 1/8"	2 5/8"	01-H 114	10	100
15/64"	1 1/8"	2 5/8"	01-H 115	10	100
1/4"	1 1/4"	2 3/4"	01-H 116	10	100
17/64"	1 5/16"	2 15/16"	01-H 117	10	100
9/32"	1 5/16"	2 15/16"	01-H 118	10	100
19/64"	1 5/16"	2 15/16"	01-H 119	10	100
5/16"	1 7/16"	3 1/8"	01-H 120	10	100
21/64"	1 7/16"	3 1/8"	01-H 121	10	100
11/32"	1 9/16"	3 5/16"	01-H 122	10	100
23/64"	1 9/16"	3 5/16"	01-H 123	10	100
3/8"	1 11/16"	3 1/2"	01-H 124	10	100
25/64"	1 11/16"	3 1/2"	01-H 125	5	50
13/32"	1 11/16"	3 1/2"	01-H 126	5	50
27/64"	1 7/8"	3 3/4"	01-H 127	5	50
7/16"	1 7/8"	3 3/4"	01-H 128	5	50
29/64"	1 7/8"	3 3/4"	01-H 129	5	50
15/32"	2"	4"	01-H 130	5	50
31/64"	2"	4"	01-H 131	5	50
1/2"	2"	4"	01-H 132	5	50

Packaged in reusable plastic packaging.
 Sizes 11/64" and smaller have a round shank.

SST+™ 135° STUB LENGTH FRACTIONAL AND WIRE GAUGE

Round shank drill bits

For thin gauge material and sheet metal

These drill bits have short flutes as well as a short overall length for maximum rigidity when drilling in sheet metal. They are made with a cobalt blend to provide a long service life in hard materials such as stainless steel.



- ▷ Produce minimal burr when drilling in sheet metal
- ▷ Self-centering 135° split point
- ▷ Heavy-duty body construction
- ▷ No center punching necessary

Fractional sizes

Drill size	Flute length	Overall length	Order No.	Std. Pkg.	Std. Ctn.
1/16"	3/8"	1 5/16"	01-H 004	10	100
5/64"	1/2"	1 1/2"	01-H 005	10	100
3/32"	9/16"	1 11/16"	01-H 006	10	100
7/64"	5/8"	1 13/16"	01-H 007	10	100
1/8"	11/16"	1 15/16"	01-H 008	10	100
9/64"	13/16"	2 1/16"	01-H 009	10	100
5/32"	7/8"	2 3/4"	01-H 010	10	100
11/64"	15/16"	2 5/16"	01-H 011	10	100
3/16"	1"	2 7/16"	01-H 012	10	100
13/64"	1"	2 7/16"	01-H 013	10	100
7/32"	1 1/8"	2 5/8"	01-H 014	10	100
15/64"	1 1/8"	2 5/8"	01-H 015	10	100
1/4"	1 1/4"	2 3/4"	01-H 016	10	100
17/64"	1 5/16"	2 15/16"	01-H 017	10	100
9/32"	1 5/16"	2 15/16"	01-H 018	10	100
19/64"	1 5/16"	2 15/16"	01-H 019	10	100
5/16"	1 7/16"	3 1/8"	01-H 020	10	100
21/64"	1 7/16"	3 1/8"	01-H 021	10	100
11/32"	1 9/16"	3 5/16"	01-H 022	10	100
23/64"	1 9/16"	3 5/16"	01-H 023	10	100
3/8"	1 11/16"	3 1/2"	01-H 024	10	100
25/64"	1 11/16"	3 1/2"	01-H 025	5	50
13/32"	1 11/16"	3 1/2"	01-H 026	5	50
27/64"	1 7/8"	3 3/4"	01-H 027	5	50
7/16"	1 7/8"	3 3/4"	01-H 028	5	50
29/64"	1 7/8"	3 3/4"	01-H 029	5	50
15/32"	2"	4"	01-H 030	5	50
31/64"	2"	4"	01-H 031	5	50
1/2"	2"	4"	01-H 032	5	50

Packaged in reusable plastic packaging.

Wire gauge sizes

Drill size	Flute length	Overall length	Order No.	Std. Pkg.	Std. Ctn.
1	1 1/8"	2 5/8"	01-J 001	10	100
2	1 1/8"	2 5/8"	01-J 002	10	100
3	1 1/8"	2 5/8"	01-J 003	10	100
4	1"	2 7/16"	01-J 004	10	100
5	1"	2 7/16"	01-J 005	10	100
6	1"	2 7/16"	01-J 006	10	100
7	1"	2 7/16"	01-J 007	10	100
8	1"	2 7/16"	01-J 008	10	100
9	1"	2 7/16"	01-J 009	10	100
10	1"	2 7/16"	01-J 010	10	100
11	1"	2 7/16"	01-J 011	10	100
12	1"	2 7/16"	01-J 012	10	100
13	15/16"	2 5/16"	01-J 013	10	100
14	15/16"	2 5/16"	01-J 014	10	100
15	15/16"	2 5/16"	01-J 015	10	100
16	15/16"	2 5/16"	01-J 016	10	100
17	15/16"	2 5/16"	01-J 017	10	100
18	15/16"	2 5/16"	01-J 018	10	100
19	7/8"	2 3/16"	01-J 019	10	100
20	7/8"	2 3/16"	01-J 020	10	100
21	7/8"	2 3/16"	01-J 021	10	100
22	7/8"	2 3/16"	01-J 022	10	100
23	7/8"	2 3/16"	01-J 023	10	100
24	7/8"	2 3/16"	01-J 024	10	100
25	7/8"	2 3/16"	01-J 025	10	100
26	7/8"	2 3/16"	01-J 026	10	100
27	13/16"	2 1/16"	01-J 027	10	100
28	13/16"	2 1/16"	01-J 028	10	100
29	13/16"	2 1/16"	01-J 029	10	100
30	11/16"	1 15/16"	01-J 030	10	100
31	5/8"	1 13/16"	01-J 031	10	100
32	5/8"	1 13/16"	01-J 032	10	100
33	5/8"	1 13/16"	01-J 033	10	100
34	5/8"	1 13/16"	01-J 034	10	100
35	5/8"	1 13/16"	01-J 035	10	100
36	5/8"	1 13/16"	01-J 036	10	100
37	9/16"	1 11/16"	01-J 037	10	100
38	9/16"	1 11/16"	01-J 038	10	100
39	9/16"	1 11/16"	01-J 039	10	100
40	9/16"	1 11/16"	01-J 040	10	100

Packaged in reusable plastic packaging.

SST+™ 135° 3/8" REDUCED SHANK FRACTIONAL Round shank bits

For high tensile steel, fits in a 3/8" chuck

Our SST+ 3/8" reduced shank drill bits allow for the drilling of larger holes with drills that have a 3/8" chuck capacity. Their 135° self-centering split point allows for outstanding performance with much less pressure.



Drill Size	Flute Length	Overall Length	Order No.	Min. Pkg.	Std. Ctn.
25/64"	3 7/16"	5 1/4"	01-R 225	5	50
13/32"	3 7/16"	5 1/4"	01-R 226	5	50
27/64"	3 11/16"	5 1/2"	01-R 227	5	50
7/16"	3 11/16"	5 9/16"	01-R 228	5	50
29/64"	3 11/16"	5 9/16"	01-R 229	5	50
15/32"	4"	5 15/16"	01-R 230	5	50
31/64"	4"	5 15/16"	01-R 231	5	50
1/2"	4"	5 7/8"	01-R 232	5	50
17/32"	4 13/16"	6"	01-R 234	5	50
9/16"	4 13/16"	5 3/4"	01-R 236	5	50
5/8"	5 3/16"	5 5/8"	01-R 240	5	50

Packaged in reusable plastic packaging.
For sizes smaller than 33/64", use our jobber's length drill bits.

SST+™ 135° 1/2" PRENTICE FRACTIONAL Round shank bits

For high tensile steel, fits in a 1/2" chuck

SST+ 1/2" Prentice are heavy-duty large diameter drill bits for use in portable power drills, drill presses and magnetic base drills with 1/2" chuck capacity. Their extra hard tips allow for the drilling of many more holes between re-sharpenings. They are made with a cobalt blend for unmatched life and durability.



Drill Size	Flute Length	Overall Length	Order No.	Std. Pkg.	Std. Ctn.
33/64"	3 1/8"	6"	01-M 533	1	10
17/32"	3 1/8"	6"	01-M 534	1	10
35/64"	3 1/8"	6"	01-M 535	1	10
9/16"	3 1/8"	6"	01-M 536	1	10
37/64"	3 1/8"	6"	01-M 537	1	10
19/32"	3 1/8"	6"	01-M 538	1	10
39/64"	3 1/8"	6"	01-M 539	1	10
5/8"	3 1/8"	6"	01-M 540	1	10
41/64"	3 1/8"	6"	01-M 541	1	10
21/32"	3 1/8"	6"	01-M 542	1	10
43/64"	3 1/8"	6"	01-M 543	1	10
11/16"	3 1/8"	6"	01-M 544	1	10
45/64"	3 1/8"	6"	01-M 545	1	10
23/32"	3 1/8"	6"	01-M 546	1	10
47/64"	3 1/8"	6"	01-M 547	1	10

3/4"	3 1/8"	6"	01-M 548	1	10
49/64"	3 1/8"	6"	01-M 549	1	10
25/32"	3 1/8"	6"	01-M 550	1	10
51/64"	3 1/8"	6"	01-M 551	1	10
13/16"	3 1/8"	6"	01-M 552	1	10
53/64"	3 1/8"	6"	01-M 553	1	10
27/32"	3 1/8"	6"	01-M 554	1	10
55/64"	3 1/8"	6"	01-M 555	1	10
7/8"	3 1/8"	6"	01-M 556	1	10
57/64"	3 1/8"	6"	01-M 557	1	10
29/32"	3 1/8"	6"	01-M 558	1	10
59/64"	3 1/8"	6"	01-M 559	1	10
15/16"	3 1/8"	6"	01-M 560	1	10
61/64"	3 1/8"	6"	01-M 561	1	10
31/32"	3 1/8"	6"	01-M 562	1	10
63/64"	3 1/8"	6"	01-M 563	1	10
1"	3 1/8"	6"	01-M 600	1	10
1 1/16"	3 1/8"	6"	01-M 604	1	10
1 1/8"	3 1/8"	6"	01-M 608	1	10
1 3/16"	3 1/8"	6"	01-M 612	1	10
1 1/4"	3 1/8"	6"	01-M 616	1	10
1 5/16"	3 1/8"	6"	01-M 617	1	10
1 3/8"	3 1/8"	6"	01-M 618	1	10
1 7/16"	3 1/8"	6"	01-M 619	1	10
1 1/2"	3 1/8"	6"	01-M 620	1	10

Packaged in reusable plastic packaging.
For sizes smaller than 33/64", use our jobber's length drill bits.

DRILL BIT SETS

Packaged in sturdy metal index containers or shock resistant, extra-thick polyethylene carrying case. Drill bit sizes are clearly marked on inside panels for easy identification and selection. The sets in metal boxes are ideal for use in a shop environment where they can be easily stored in a drawer or tool box. Sets in orange polyethylene carrying cases are an excellent option for contractors or off-site operations. They have a belt clip for ease of use and a threaded top that helps prevent the drill bits from going everywhere if the set is dropped.

Photo	Type	Sizes	Order No.	Qty Inside	Std. Pkg.	Std. Ctn.
A	SST+ 135° Jobber's length round shank, fractional	1/16" to 1/2" by 32nds	01-E 606	15	1	10
B	SST+ 135° Jobber's length round shank, fractional	1/16" to 3/8" by 64ths	01-E 621	21	1	10
B	SST 118° Jobber's length quick shank, fractional	1/16" to 3/8" by 64ths	01-E 121	21	1	10
C	SST 118° Jobber's length quick shank, fractional/polymer case	1/16" to 1/2" by 64ths	01-E 178	29	1	10
C	SST+ 135° Jobber's length round shank, fractional/polymer case	1/16" to 1/2" by 64ths	01-E 678	29	1	10
C	SST+ 135° Reduced shank three flats, fractional/polymer case	1/16" to 1/2" by 64ths	01-E 818	29	1	10
D	SST+ 135° Stub length round shank, fractional/polymer case	1/16" to 1/2" by 64ths	01-E 229	29	1	10
D	SST+ 135° Stub length quick shank, fractional/polymer case	1/16" to 1/2" by 64ths	01-E 239	29	1	10
E	SST+ SST 118° Jobber's length quick shank, fractional/polymer case	1/16" to 1/2" by 64ths	01-E 118	29	1	10
E	SST+ 135° Jobber's length round shank, fractional/polymer case	1/16" to 1/2" by 64ths	01-E 618	29	1	10
F	SST+ 135° Jobber's length round shank, wire gauge	#1 to # 60	01-E 619	60	1	10
G	SST+ 135° Prentice three flats, fractional	9/16" to 1" by 16ths	01-E 708	8	1	10
H	SST+ 135° Jobber's length round shank, metric	1 mm to 13 mm by 0.5 mm	01-E 625	25	1	10

New orange plastic kits with locking clasp available beginning in March 2017



A
1/16" to 1/2" by 32nds
15 drill bits



B
1/16" to 3/8" by 64ths
21 drill bits



C
1/16" to 1/2" by 64ths
29 Jobber's Length drill bits



D
1/16" to 1/2" by 64ths
29 Stub Length drill bits



E
1/16" to 1/2" by 64ths
29 drill bits



F
No. 1 to 60
60 wire gauge drill bits



G
9/16" to 1" by 16ths
8 Prentice drill bits



H
1 to 13 mm by 0.5 mm
25 Metric drill bits



MULTI-STEP™ DRILL BITS

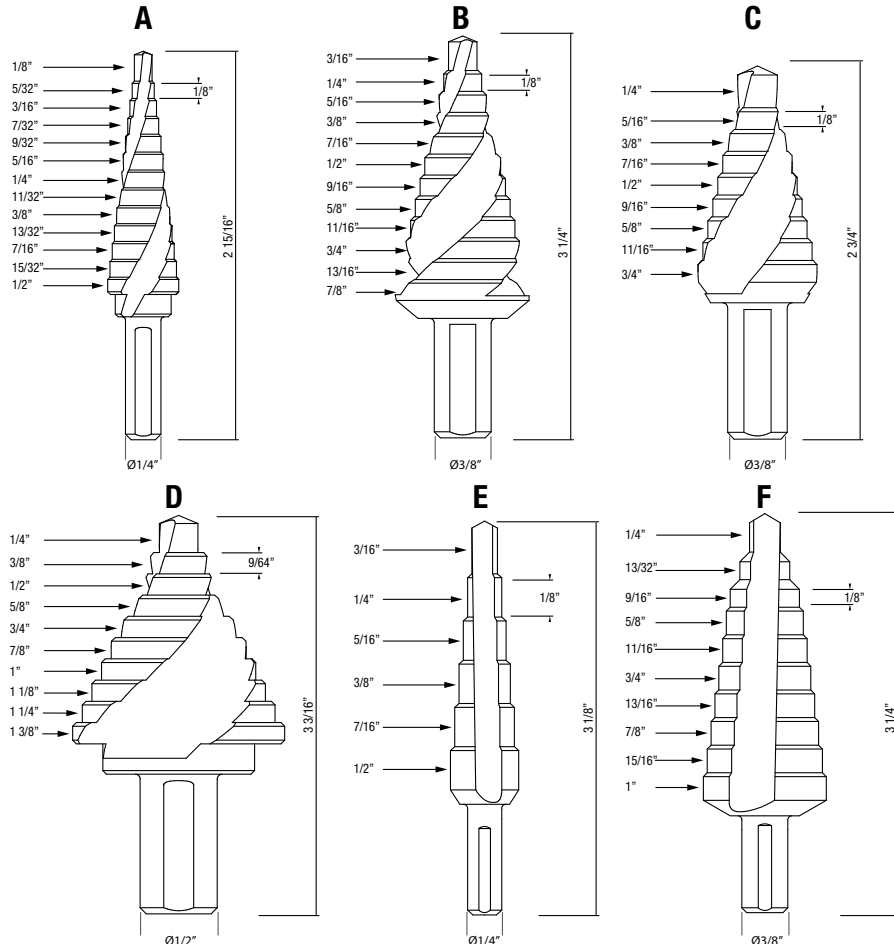
Now with the exclusive ICECUT coating

Multi-Step drill bits are the fastest and easiest way to enlarge holes in sheet metal and other materials up to 1/8" thick.

- ▷ *Special AlCrN coating provides additional toughness and wear resistance to prolong tooling life, even when compared to titanium based coatings such as TiN or TiAlN*
- ▷ *2 wide cylindrical flutes eliminate chip build-up for faster drilling and to produce holes with minimal vibration or distortion*
- ▷ *Each shank has three flats for easy mounting*
- ▷ *Spiral fluting is ideal to improve speed when working with cordless power tools*
- ▷ *Straight fluting is ideal to ensure you get the proper hole size without warping on corded power tools*

Type	Order No.	Type of flute	Shank size	Overall length	Step qty	Step thick.	Step size	Std. Pkg.	Std. Ctn.
A	01-W 001	SPIRAL	1/4"	2 15/16"	13	1/8"	1/8", 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 13/32", 7/16", 15/32", 1/2"	1	10
B	01-W 005	SPIRAL	3/8"	3 1/4"	12	1/8"	12 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/32", 5/8", 11/16", 3/4", 13/16", 5/8"	1	10
C	01-W 011	SPIRAL	3/8"	2 3/4"	9	1/8"	1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"	1	10
D	01-W 012	SPIRAL	3/8"	3 3/16"	10	9/64"	1/4", 3/8", 1/2", 5/8", 3/4", 7/8", 1", 1 1/8", 1 1/4", 1 3/8"	1	10
E	01-W 021	SPIRAL	1/4"	3 1/8"	6	1/8"	3/16", 1/4", 5/16", 3/8", 7/16", 1/2"	1	10
F	01-W 029	SPIRAL	3/8"	3 1/4"	10	1/8"	1/4", 13/32", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"	1	10
A	01-W 101	STRAIGHT	1/4"	2 15/16"	13	1/8"	1/8", 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 13/32", 7/16", 15/32", 1/2"	1	10
B	01-W 105	STRAIGHT	3/8"	2 15/16"	12	1/8"	12 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/32", 5/8", 11/16", 3/4", 13/16", 7/8"	1	10
C	01-W 111	STRAIGHT	3/8"	2 3/4"	9	1/8"	1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"	1	10
D	01-W 112	STRAIGHT	3/8"	3 3/16"	10	9/64"	1/4", 3/8", 1/2", 5/8", 3/4", 7/8", 1", 1 1/8", 1 1/4", 1 3/8"	1	10

Packaged in reusable plastic packaging. * 01-W 003 requires 1/2" pilot hole.



STEP DRILL SET

Contains the three Multi-Step bits needed for all hole sizes from 1/8" - 1 1/8".

Each kit contains:

01-W 001
01-W 005
01-W 012

Order No. 01-W 951

VP™ COUNTERSINKS

Now with the exclusive ICECUT coating

Made of M2Al to minimize vibration and maximize product life. Also features an exclusive AlCrN coating to provide greater heat resistance to further extend product life. The 82° point angle is ideal for countersinking but they can also be used for deburring and chamfering in steel, stainless steel and non-ferrous metals.

- ▷ Thicker teeth for added stability
- ▷ Special coating reducing frictional heat
- ▷ Exclusive coating for optimized tool life
- ▷ Special tip geometry for a uniform chamfer



Straight round shank

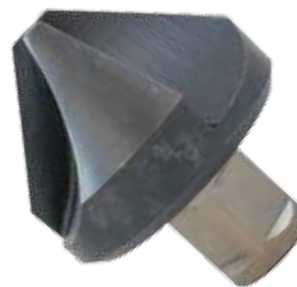
Dia.	Angle	Overall Length	Shank Dia.	Order No.	Std. Pkg.	Std. Ctn.
1/4"	82°	2"	3/16"	01-U 004	1	10
5/16"	82°	2"	1/4"	01-U 005	1	10
3/8"	82°	2"	5/16"	01-U 006	1	10
1/2"	82°	2"	5/16"	01-U 008	1	10
5/8"	82°	2 1/4"	3/8"	01-U 010	1	10
3/4"	82°	2 3/4"	3/8"	01-U 012	1	10
1"	82°	2 3/4"	3/8"	01-U 100	1	10

Packaged in reusable plastic packaging.

Weldon shank with two flats

Dia.	Angle	Overall Length	Shank Dia.	Order No.	Std. Pkg.	Std. Ctn.
1 1/2"	82°	1 3/4"	3/4"	01-U 400	1	10
2"	82°	2"	3/4"	01-U 408	1	10
3"	82°	2 1/4"	3/4"	01-U 500	1	10

Packaged in reusable plastic packaging.



VARIABLE PITCH DESIGN
ALLOWS FREE COUNTERSINKING
FOR A CLEAN FINISH

VP COUNTERSINK SET

Contains the four most popular VP Countersinks (sizes 1/4", 3/8", 1/2", 3/4") and cutting lubricant. Packaged in a reclosable resistant plastic case.

Each kit contains:

01-U 004
01-U 006
01-U 008
01-U 012
01-U 100

Order No. 01-U 950



Tech tip!

For increased cutting efficiency and tool life, use COOLCUT solid stick lubricant

Order No.: 53-B 013

SST™ HIGH PERFORMANCE POWER TAPS

Specially designed for use on reversible portable drills, SST power taps are guaranteed to work faster and last longer than standard taps in steel, stainless steel and other ferrous or non-ferrous metals. SST power taps eliminate slow hand tapping to increase productivity and reduce overall production costs.

GUARANTEED
TO TAP FASTER
AND LAST LONGER

Tap Size	Overall Length	Drill Size	Order No.	Std. Ctn.
6-32 NC	2 1/2"	#36	03-A 561	10
6-40 NF	2 1/2"	#33	03-A 564	10
8-32 NC	2 13/16"	#29	03-A 581	10
8-36 NF	2 13/16"	#29	03-A 584	10
10-24 NC	2 13/16"	#25	03-A 601	10
10-32 NF	2 13/16"	#21	03-A 604	10
12-24 NC	3 3/16"	#16	03-A 621	10
12-28 NF	3 3/16"	#15	03-A 624	10
1/4"-20 NC	3 3/16"	#7	03-B 541	10
1/4"-28 NF	3 3/16"	#3	03-B 544	10
5/16"-18 NC	3 11/16"	F	03-B 551	10
5/16"-24 NF	3 11/16"	I	03-B 554	10
3/8"-16 NC	4 3/32"	5/16"	03-B 561	10
3/8"-24 NF	4 3/32"	Q	03-B 564	10
7/16"-14 NC	4 3/32"	U	03-B 571	10
7/16"-20 NF	3 15/16"	25/64"	03-B 574	10
1/2"-13 NC	4 5/16"	27/64"	03-B 581	10
1/2"-20 NF	4 5/16"	29/64"	03-B 584	10
9/16"-12 NC	4 5/16"	31/64"	03-B 591	10
9/16"-18 NF	4 5/16"	33/64"	03-B 594	10
5/8"-11 NC	4 5/16"	17/32"	03-B 601	10
5/8"-18 NF	4 5/16"	37/64"	03-B 604	10
3/4"-10 NC	4 5/16"	21/32"	03-B 621	10
3/4"-16 NF	4 5/16"	11/16"	03-B 624	10
7/8"-9 NC	4 5/16"	49/64"	03-B 641	10
7/8"-14 NF	4 5/16"	19/16"	03-B 644	10
1"-8 NC	4 5/16"	7/8"	03-B 661	10
1"-12 NF	4 5/16"	59/64"	03-B 664	10

Tap drill size marked on shank (tap sizes 12-24 and over).
Packaged in reusable plastic packaging.

Tech tip! For increased cutting efficiency and tool life, use TAPCUT lubricant (see next page)



- ▷ 3 flats to fit any drill chuck without slippage
- ▷ Special power tip ejects chips ahead of tap and self-aligns with hole axis for high quality threads
- ▷ Premium HSS body, ground threads, 3-flute plug style with SST surface treatment for long tap life
- ▷ Special long and resistant shank for tapping deep or difficult to reach holes

SST power taps and drill bit sets

Power taps:

10-24 NC, 10-32 NF, 1/4"-20 NC, 5/16"-18 NC and 3/8"-16 NC

Drill bits:

#25, #21, #7, F and 5/16"

Order No. 03-B 952



NC SST power taps and drill bit sets

Power taps:

6-32 NC, 8-32 NC, 10-24 NC, 12-24 NC 1/4"-20 NC, 5/16"-18 NC, 3/8"-16 NC, 7/16"-14 NC and 1/2"-13 NC

Drill bits:

#36, #29, #25, #16, #7, F, 5/16", U and 27/64"

Order No. 03-B 953



NF SST power taps and drill bit sets

Power taps:

6-40 NF, 8-36 NF, 10-32 NF, 12-28 NF, 1/4"-28 NF, 5/16"-24 NF, 3/8"-24 NF, 7/16"-20 NF and 1/2"-20 NF

Drill bits:

#33, #29, #21, #15, #3, I, Q, 25/64" and 29/64"

Order No. 03-B 954





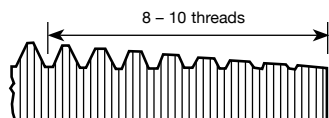
SST+ HSS™ HAND TAPS

Made from premium quality high speed steel with ground threads, hardened and tempered for longest life in a variety of materials.

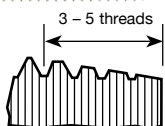
- ▷ Precision ground threads with eccentric relief for free cutting action
- ▷ Three and four flute designs
- ▷ Available in three chamfer lengths for through or blind hole tapping
- ▷ Special bronze SST surface treatment to improve life and tapping speed



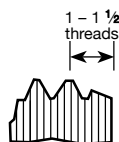
Taper



Plug



Bottoming



TAPCUT™

Thread cutting lubricant

Specially formulated to improve life and tapping speed when working with taps and dies.

Desc.	Size	Order No.	MSDS	Std. Pkg.
	Metric US Gal			
Squ. bottle	350 ml 11.8 oz	53-A 103	L-115E	12
Liquid	5 L 1.3 gal	53-A 106	L-115E	1
Liquid	20 L 5.2 gal	53-A 107	L-115E	1

Accessories

Order No.

Spout for 5 L pail	53-L 113
Spout for 20 L pail	53-L 207

Machine screw and fractional sizes

Tap Size × Threads per inch	Drill Size	Taper	Order No. Plug	Bottoming	Std. Pkg.	Std. Ctn.
4-40 NC	#43	03-A 041	03-A 042	03-A 043	3	30
5-40 NC	#38	03-A 051	03-A 052	03-A 053	3	30
6-32 NC	#36	03-A 061	03-A 062	03-A 063	3	30
8-32 NC	#29	03-A 081	03-A 082	03-A 083	3	30
10-24 NC	#25	03-A 101	03-A 102	03-A 103	3	30
10-32 NF	#21	03-A 104	03-A 105	03-A 106	3	30
12-24 NC	#16	03-A 121	03-A 122	03-A 123	3	30
1/4"-20 NC	#7	03-B 041	03-B 042	03-B 043	3	30
1/4"-28 NF	#3	03-B 044	03-B 045	03-B 046	3	30
5/16"-18 NC	F	03-B 051	03-B 052	03-B 053	3	30
5/16"-24 NF	17/64"	03-B 054	03-B 055	03-B 056	3	30
3/8"-16 NC	5/16"	03-B 061	03-B 062	03-B 063	3	30
3/8"-24 NF	21/64"	03-B 064	03-B 065	03-B 066	3	30
7/16"-14 NC	U	03-B 071	03-B 072	03-B 073	3	30
7/16"-20 NF	25/64"	03-B 074	03-B 075	03-B 076	3	30
1/2"-13 NC	27/64"	03-B 081	03-B 082	03-B 083	3	30
1/2"-20 NF	29/64"	03-B 084	03-B 085	03-B 086	3	30
9/16"-12 NC	31/64"	03-B 091	03-B 092	03-B 093	1	10
9/16"-18 NF	33/64"	03-B 094	03-B 095	03-B 096	1	10
5/8"-11 NC	17/32"	03-B 101	03-B 102	03-B 103	1	10
5/8"-18 NF	37/64"	03-B 104	03-B 105	03-B 106	1	10
3/4"-10 NC	21/32"	03-B 121	03-B 122	03-B 123	1	10
3/4"-16 NF	11/16"	03-B 124	03-B 125	03-B 126	1	10
7/8"-9 NC	49/64"	03-B 141	03-B 142	03-B 143	1	10
7/8"-14 NF	13/16"	03-B 144	03-B 145	03-B 146	1	10
1"-8 NC	7/8"	03-B 161	03-B 162	03-B 163	1	10
1"-12 NF	7/8"	03-B 164	03-B 165	03-B 166	1	10

Packaged in reusable plastic packaging.

Metric sizes

Tap Size × Pitch (mm)	Order No. Taper	Std. Pkg.	Std. Ctn.
3.0 × .50	03-D 031	3	30
4.0 × .70	03-D 041	3	30
5.0 × .80	03-D 051	3	30
6.0 × 1.00	03-D 061	3	30
8.0 × 1.25	03-D 081	3	30
10.0 × 1.50	03-D 101	3	30
12.0 × 1.75	03-D 121	3	30

Packaged in reusable plastic packaging.

TAPER PIPE TAPS (NPT)

Made from tough carbon alloy tool steel to cut new threads or repair damaged threads in pipe fittings. For use in steel and non-ferrous metals.



Nominal Size Inch	Threads per Inch	Drill Size	Order No.	Std. Pkg.	Std. Ctn.
1/16"	27	D	02-C 010	1	10
1/8"	27	1 1/32"	02-C 020	1	10
1/4"	18	7/16"	02-C 040	1	10
3/8"	18	37/64"	02-C 060	1	10
1/2"	14	45/64"	02-C 080	1	10
3/4"	14	59/64"	02-C 120	1	10
1"	11 1/2	1 5/32"	02-C 160	1	10
1 1/4"	11 1/2	1 1/2"	02-C 200	1	10
1 1/2"	11 1/2	1 47/64"	02-C 240	1	10
2"	11 1/2	2 7/32"	02-C 320	1	10

Packaged in reusable plastic packaging.

Taper pipe tap set

Contains one of each of the following NPT taps:

1/8": 02-C 020

1/4": 02-C 040

3/8": 02-C 060

1/2": 02-C 080

Order No. 02-C 500



Tech tip! For increased cutting efficiency and tool life, use TAPCUT lubricant

TAP WRENCHES

Premium quality tool stock, all jaws and set screws are hardened and tempered for optimum tool life.

Adjustable tap wrenches

No.	Capacity	Order No.	Std. Pkg.	Std. Ctn.
1	1/16" - 1/4"	02-W 010	1	10
1 1/2	3/16" - 1/2"	02-W 015	1	10
3	1/4" - 3/4"	02-W 030	1	10
4	3/8" - 1"	02-W 040	1	10

Packaged in reusable plastic packaging.

T-handle tap wrench with 3-position ratchet

No.	Capacity	Order No.	Std. Pkg.	Std. Ctn.
1-T	6-32 to 1/4"	02-W 100	1	10
2-T	1/4" to 1/2"	02-W 200	1	10

Packaged in reusable plastic packaging.

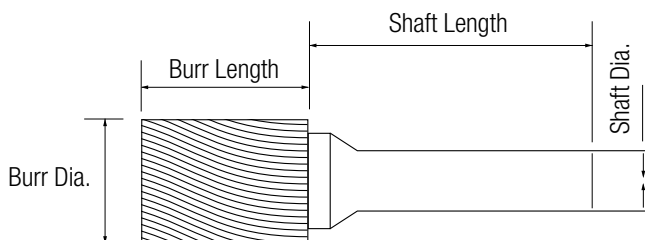




CARBIDE BURRS

High performance

Walter carbide burrs are made from the highest grade tungsten carbide and are manufactured to ensure perfect concentricity and balance. This means you get a product that is safer, removes material faster and is guaranteed to provide the longest working life in the industry.



HIGH STRENGTH BRAZED JOINT GUARANTEED TO PREVENT 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*

1/4" shank \varnothing , double cut



Burr Dia. x Length	USCTI Type	Std. Lgth. Order No.	6" Shank Order No.	Std. Pkg.	Std. Ctn.
Cylindrical (SA)					
1/4" x 5/8"	SA-1	01-V 001	01-V 601	1	10
5/16" x 3/4"	SA-2	01-V 037		1	10
3/8" x 3/4"	SA-3	01-V 002	01-V 602	1	10
7/16" x 1"	SA-4	01-V 038		1	10
1/2" x 1"	SA-5	01-V 004	01-V 604	1	10
5/8" x 1" New	SA-6	01-V 055		1	10
Cylindrical (SB)					
1/4" x 5/8" New	SB-1	01-V 056		1	10
3/8" x 3/4" New	SB-3	01-V 057		1	10
1/2" x 1" New	SB-5	01-V 059		1	10
Cylindrical round nose (SC)					
1/4" x 5/8"	SC-1	01-V 005	01-V 605	1	10
5/16" x 3/4"	SC-2	01-V 039		1	10
3/8" x 3/4"	SC-3	01-V 006	01-V 606	1	10
7/16" x 1"	SC-4	01-V 040		1	10
1/2" x 1"	SC-5	01-V 007	01-V 607	1	10
5/8" x 1" New	SC-6	01-V 062		1	10
Ball (SD)					
1/4" x 7/32"	SD-1	01-V 009	01-V 609	1	10
3/8" x 5/16"	SD-3	01-V 010	01-V 610	1	10
1/2" x 7/16"	SD-5	01-V 026	01-V 626	1	10
5/8" x 9/16"	SD-6	01-V 011		1	10
Egg (SE)					
3/8" x 5/8"	SE-3	01-V 027		1	10
1/2" x 7/8"	SE-5	01-V 028		1	10
Tree (SF)					
1/4" x 5/8"	SF-1	01-V 041	01-V 641	1	10
5/16" x 5/8"	SF-2	01-V 042		1	10
3/8" x 3/4"	SF-3	01-V 014	01-V 614	1	10
7/16" x 1"	SF-4	01-V 043		1	10
1/2" x 1"	SF-5	01-V 015	01-V 615	1	10
5/8" x 1"	SF-6	01-V 066		1	10
Tapered (SG)					
1/4" x 5/8"	SG-1	01-V 044	01-V 644	1	10
5/16" x 3/4"	SG-2	01-V 045		1	10
3/8" x 3/4" New	SG-3	01-V 046	01-V 646	1	10
1/2" x 1" New	SG-5	01-V 013	01-V 613	1	10
Flame (SH)					
5/16" x 3/4"	SH-3	01-V 029		1	10
1/2" x 1 1/4"	SH-5	01-V 030		1	10
Cone 90° (SK)					
3/8" x 1/8" New	SK-3	01-V 067		1	10
1/2" x 1/4" New	SK-5	01-V 068		1	10
Cone (SL)					
1/4" x 5/8"	SL-1 14°	01-V 017		1	10
5/16" x 7/8"	SL-2	01-V 051		1	10
3/8" x 1 1/16"	SL-3 14°	01-V 031	01-V 631	1	10
1/2" x 1 1/8"	SL-4 14°	01-V 032		1	10
5/8" x 3/16"	SL-5	01-V 052	01-V 652	1	10
Conical (SM)					
1/4" x 1/2"	SM-1	01-V 047		1	10
1/4" x 3/4"	SM-2	01-V 048		1	10
1/4" x 1"	SM-3	01-V 049		1	10
3/8" x 5/8"	SM-4	01-V 050		1	10
1/2" x 7/8"	SM-5 28°	01-V 018		1	10
Inverted cone (SN)					
1/4" x 1/2" New	SN-1	01-V 070		1	10
1/4" x 3/4" New	SN-2	01-V 071		1	10
1/4" x 1" New	SN-4	01-V 072		1	10

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



Burr Dia. x Length	USCTI Type	Order No.	Std. Pkg.	Std. Ctn.
3/8" x 3/4"	SA-3	01-V 003	1	10
1/2" x 1"	New SA-5	01-V 054	1	10
3/8" x 3/4"	New SB-3	01-V 058	1	10
1/4" x 5/8"	New SC-1	01-V 060	1	10
3/8" x 3/4"	New SC-3	01-V 061	1	10
1/2" x 1"	SC-5	01-V 008	1	10
1/2" x 1/2"	New SD-5	01-V 063	1	10
1/2" x 7/8"	New SE-5	01-V 064	1	10
3/8" x 3/4"	New SF-3	01-V 065	1	10
1/2" x 1"	SF-5	01-V 016	1	10
3/8" x 1 1/4"	SL-3	01-V 036	1	10
1 1/2" x 1 1/8"	New SL-4	01-V 069	1	10

1/4" shank \emptyset , hard alloys



Burr Dia. x Length	USCTI Type	Order No.	Std. Pkg.	Std. Ctn.
1/2" x 1"	SC-5	01-V 033	1	10
1/2" x 1"	SF-5	01-V 034	1	10
1/2" x 1 1/8"	SL-4	01-V 035	1	10

1/8" shank \emptyset , double cut



Burr Dia. x Length	USCTI Type	Order No.	Std. Pkg.	Std. Ctn.
1/8" x 9/16"	SA-43	01-V 020	1	10
1/8" x 1/8"	SD-42	01-V 054	1	10
1/8" x 1/2"	SF-42	01-V 022	1	10
1/8" x 1/2"	SG-44	01-V 023	1	10
1/8" x 1/2"	SL-42	01-V 060	1	10
1/8" x 7/16"	SM-42 12°	01-V 025	1	10



CARBIDE BURR PRODUCTION SET

Contains one of each of the following:
01-V 002, 006, 011, 015 and 018
Order No. 01-V 990



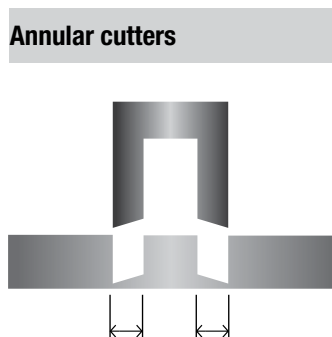
Burr diameter	Maximum cutting speed (RPM) for standard length burrs	Maximum cutting speed (RPM) for 6" long burrs
1/4"	70,000	35,000
5/16"	68,000	34,000
3/8"	66,000	33,000
7/16"	58,000	29,000
1/2"	50,000	25,000
5/8"	40,000	20,000

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

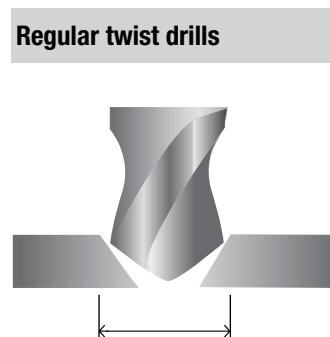
Material	Double cut	Non-ferrous	Material	Double cut	Non-ferrous
Aluminum	-	x	Plastics	x	-
Brass	x	x	Hard rubber	x	-
Bronze	x	-	Steel - 45-55Rc	x	-
Cast iron	x	-	Steel - 55-60Rc	x	-
Copper	-	x	Steel - Carbon	x	-
Carbon fiber	-	x	Steel - Nickel	-	-
Fiberglass	x	-	Chrome	x	-
Inconel	x	-	Steel - Stainless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

HIGH PERFORMANCE ANNULAR CUTTERS

When drilling large holes through thick, flat metal surfaces, it is often more cost effective to use an annular cutter, which cuts at the circumference of the circle, instead of cutting through the entire area of the circle. This allows you to make holes faster and more efficiently.



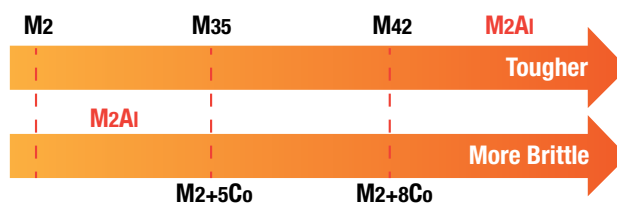
Less metal to metal contact reduces friction, reducing heat, increasing tool life and efficiency



More metal to metal contact increases friction and heat, causing tooling to wear prematurely and resulting in longer cutting time

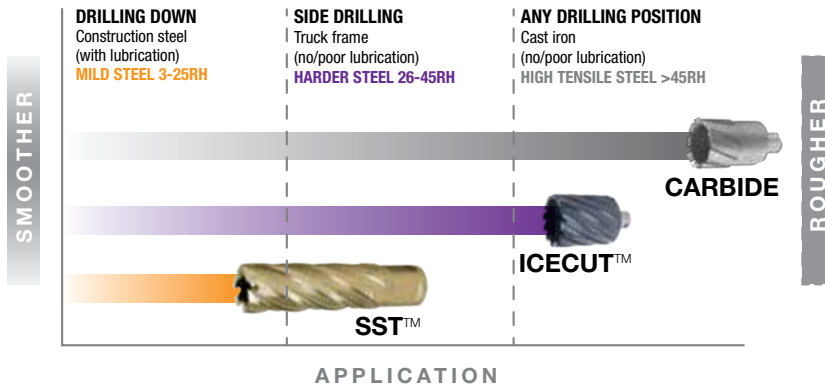
The new Walter annular cutters are tougher because they are made with a sophisticated mixture of high speed steel and aluminum (M2Al). This high tech blend extends the life of the core cutters by providing excellent toughness and durability while reducing the brittleness of the cutter, which is a common source of breakage when drilling under heavy load. Conventional annular cutters are typically made with cobalt to increase the strength of the product. However, as more cobalt is added, the product becomes more brittle. By adding aluminum into the coating, this makes Walter

core cutters tougher than M42 core cutters and less brittle than a regular M2 annular core cutter. With a new exclusive triple tooth design, they are reinforced to be more resistant to wear. It has a studied spiral fluting angle to make holes with precision, while also optimizing chip removal to eliminate scratching from the chip debris. With the aluminum blend incorporated into the core cutter, forms a nano-sized lubrication layer when heated, making it self-lubricated and preventing materials from sticking, melting or deforming during holemaking.



Adding Cobalt makes cutters more brittle, which makes them more susceptible to breakage under high pressure. M2Al provides an ideal blend of extreme toughness without being as brittle as standard cobalt blends.

HIGH PERFORMANCE ANNULAR CUTTERS



Recommended usage			
	SST Core Cut	Icecut	Carbide Core Cut
SPECIFICATIONS			
Diameter Range	1/2" - 2 3/8"	1/2" - 2 3/8"	1/2" - 2 3/8"
Drilling Depth	1" and 2"	1" and 2"	1 1/2" and 2"
Shank Size	3/4"	3/4"	3/4"
Shank Type	Universal Weldon shank with 2 flats	Universal Weldon shank with 2 flats	Universal Weldon shank with 2 flats
MATERIAL			
Mild Steel (3 to 25 HRC)	✓	✓	✓
Harder Steel (26 to 45 HRC)	✓	✓	✓
Stainless Steel (300 and 400 series)	✓	✓	✓
Cast Iron	—	✓	✓
Aluminum	✓	✓	✓
Brass and Bronze	✓	✓	✓
Hardox / Scandia	—	—	✓
Rough / Uneven material	—	—	✓
Railroad Track	—	—	✓
CHARACTERISTICS			
Cutting Speed	Fast	Very Fast	Extra Fast
Cutter Life	Long	Very Long	Extra Long

- ✓ Highly Recommended
- ✓ Recommended

CUTTING LUBRICANTS

To improve the life and cutting speed of annular cutters, we highly recommend that you use these Walter high performance cutting lubricants.



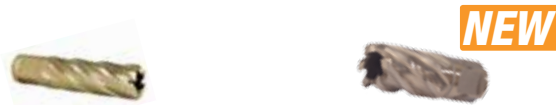
Material worked on	Product description	Order No.	Size	MSDS
Mild and hard steel	COOLCUT, solid stick	53-B 013	300 g	L-22E
	ICECUT, liquid*	53-C 055	3.78 L	L-122E
	ICECUT, liquid*	53-C 057	20 L	L-122E
Aluminum	ALUCUT, solid stick	53-B 303	300 g	L-04E
All metals	TAPCUT, bottle	53-A 103	350 ml	L-115E
	TAPCUT, liquid	53-A 105	3.78 L	L-115E
	TAPCUT, liquid	53-A 107	20 L	L-115E

*ICECUT lubricants are biodegradable

SST™ CORE CUT ANNULAR CUTTERS

Guaranteed to outperform all uncoated cutters

Super Speed Tip (SST) Core Cutters are made with state-of-the-art surface treatment technology that removes porosity during the fabrication process. This creates a perfectly smooth finish which allows for a better evacuation of material while drilling. It also helps to improve product life and reduce drilling time as it decreases friction with the work surface, which in turn reduces the amount of heat generated.



Diameter		Std. Pkg.	Weldon Shank			Universal Shank	
Inches	mm		1" Cutters Order No.	2" Cutters Order No.	3" Cutters Order No.	1" Cutters Order No.	2" Cutters Order No.
Use with pilot pin			05-Z 001	05-Z 002	05-Z 018	05-Z 001	05-Z 002
7/16"		1				05-E 007	
1/2"	12.7	1	05-A 008	05-A 308		05-E 008	05-E 308
9/16"	14.3	1	05-A 009	05-A 309		05-E 009	05-E 309
5/8"	15.9	1	05-A 010	05-A 310		05-E 010	05-E 310
11/16"	17.5	1	05-A 011	05-A 311		05-E 011	05-E 311
3/4"	19.0	1	05-A 012	05-A 312		05-E 012	05-E 312
13/16"	20.6	1	05-A 013	05-A 313	05-A 613	05-E 013	05-E 313
7/8"	22.2	1	05-A 014	05-A 314		05-E 014	05-E 314
15/16"	23.8	1	05-A 015	05-A 315	05-A 615	05-E 015	05-E 315
1"	25.4	1	05-A 100	05-A 400		05-E 100	05-E 400
1 1/16"	27.0	1	05-A 101	05-A 401	05-A 701	05-E 101	05-E 401
1 1/8"	28.6	1	05-A 102	05-A 402		05-E 102	05-E 402
1 3/16"	30.2	1	05-A 103	05-A 403		05-E 103	05-E 403
1 1/4"	31.8	1	05-A 104	05-A 404		05-E 104	05-E 404
1 5/16"	33.3	1	05-A 105	05-A 405		05-E 105	05-E 405
1 3/8"	34.9	1	05-A 106	05-A 406		05-E 106	05-E 406
1 7/16"	36.5	1	05-A 107	05-A 407		05-E 107	05-E 407
1 1/2"	38.1	1	05-A 108	05-A 408		05-E 108	05-E 408
1 9/16"	39.7	1	05-A 109	05-A 409			05-E 409
1 5/8"	41.3	1	05-A 110	05-A 410			
1 3/4"	44.5	1	05-A 112	05-A 412			
1 13/16"	46.0	1	05-A 113	05-A 413			
1 7/8"	47.6	1	05-A 114	05-A 414			
1 15/16"	49.2	1	05-A 115	05-A 415			
2"	50.8	1	05-A 200	05-A 500			
2 1/16"	52.4	1	05-A 201	05-A 501			
2 1/8"	54.0	1	05-A 202	05-A 502			
2 3/16"	55.6	1	—	05-A 503			
2 1/4"	57.2	1	—	05-A 504			
2 5/16"	58.7	1	—	05-A 505			
2 3/8"	60.3	1	—	05-A 506			

- ▷ Drills faster
- ▷ Lasts longer
- ▷ Universal shank
- ▷ Exclusive SST surface treatment
- ▷ Multiple tooth design

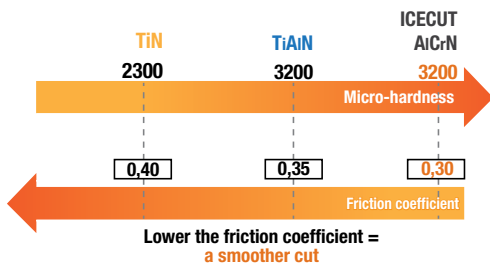


Packaged in reusable plastic packaging.

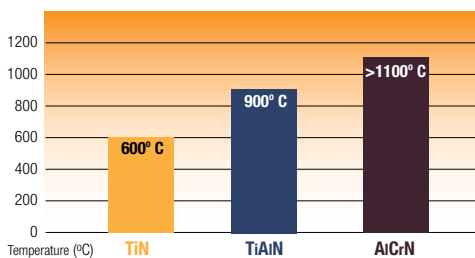
Other sizes are available upon special request. Please speak with your Walter sales representative.



- ▷ Well known quality and durability
- ▷ Lasts longer than uncoated core cutters
- ▷ Exclusive ICECUT AICrN coating
- ▷ Fully ground extra large flutes



Maximum temperature before deformation



ICECUT™ ANNULAR CORE CUTTERS

Guaranteed to drill more holes in less time!

ICECUT annular cutters are coated with an exclusive mixture of chromium and aluminum (AlCrN) and are designed to be used where lubricants are not permitted or problematic to apply. This new technology outperforms any annular core cutters coated with Titanium (TiN) or Titanium-Aluminum (TiAlN). By incorporating a chromium aluminum blend into the coating, Walter ICECUT annular cutters generate less heat and can withstand temperatures at least 200°C higher than conventional TiAlN cutters. This exclusive coating makes the ICECUT more resistant to higher stress under load and impact.



Diameter Inches mm	Std. Pkg.	Weldon Shank		Universal Shank	
		1" Cutters Order No.	2" Cutters Order No.	1" Cutters Order No.	2" Cutters Order No.
Use with pilot pin		05-Z 001	05-Z 002	05-Z 001	05-Z 002
7/16"	1			05-F 007	05-F 307
1/2"	12.7	05-B 008	05-B 308	05-F 008	05-F 308
9/16"	14.3	05-B 009	05-B 309	05-F 009	05-F 309
5/8"	15.9	05-B 010	05-B 310	05-F 010	05-F 310
11/16"	17.5	05-B 011	05-B 311	05-F 011	05-F 311
3/4"	19.0	05-B 012	05-B 312	05-F 012	05-F 312
13/16"	20.6	05-B 013	05-B 313	05-F 013	05-F 313
7/8"	22.2	05-B 014	05-B 314	05-F 014	05-F 314
15/16"	23.8	05-B 015	05-B 315	05-F 015	05-F 315
1"	25.4	05-B 100	05-B 400	05-F 100	05-F 400
1 1/16"	27.0	05-B 101	05-B 401	05-F 101	05-F 401
1 1/8"	28.6	05-B 102	05-B 402	05-F 102	05-F 402
1 3/16"	30.2	05-B 103	05-B 403	05-F 103	05-F 403
1 1/4"	31.8	05-B 104	05-B 404	05-F 104	05-F 404
1 5/16"	33.3	05-B 105	05-B 405	05-F 105	05-F 405
1 3/8"	34.9	05-B 106	05-B 406	05-F 106	05-F 406
1 7/16"	36.5	05-B 107	05-B 407	05-F 107	05-F 407
1 1/2"	38.1	05-B 108	05-B 408	05-F 108	05-F 408
1 9/16"	39.7	05-B 109	05-B 409	—	—
1 5/8"	41.3	05-B 110	05-B 410	—	—
1 3/4"	44.5	05-B 112	05-B 412	—	—
1 13/16"	46.0	05-B 113	05-B 413	—	—
1 7/8"	47.6	05-B 114	05-B 414	—	—
1 15/16"	49.2	05-B 115	05-B 415	—	—
2"	50.8	05-B 200	05-B 500	—	—
2 1/16"	52.4	05-B 201	05-B 501	—	—
2 1/8"	54.0	05-B 202	05-B 502	—	—
2 3/16"	55.6	—	05-B 503	—	—
2 1/4"	57.2	—	05-B 504	—	—
2 3/8"	58.7	—	05-B 505	—	—
2 3/8"	60.3	—	05-B 506	—	—

Packaged in reusable plastic packaging.

Other sizes are available upon special request. Please speak with your Walter sales representative.

CARBIDE CORE CUT ANNULAR CUTTERS

Top performance and maximum productivity on hard metals and uneven surfaces!

Walter Carbide Core Cut annular cutters accurately drill large diameter holes in a variety of hard or abrasive materials such as stainless steel, cast iron, tough alloys or composite materials. They outperform and outlast conventional HSS cutters and allow for higher speed and feed rates while requiring less effort to cut through some of the industry's toughest metals.

NEW



Diameter Inches	mm	Std. Pkg.	Weldon Shank		Universal Shank	
			1½" Cutters Order No.	2" Cutters Order No.	1" Cutters	2" Cutters
Use with pilot pin			05-Z 019	05-Z 021	05-Z 019	05-Z 021
½"	12.7	1	05-D 008	05-D 308	05-H 008	05-H 308
9/16"	14.3	1	05-D 009	05-D 309	05-H 009	05-H 309
5/8"	15.9	1	05-D 010	05-D 310	05-H 010	05-H 310
11/16"	17.5	1	05-D 011	05-D 311	05-H 011	05-H 311
Use with pilot pin			05-Z 020	05-Z 022	05-Z 020	05-Z 022
¾"	19.0	1	05-D 012	05-D 312	05-H 012	05-H 312
13/16"	20.6	1	05-D 013	05-D 313	05-H 013	05-H 313
7/8"	22.2	1	05-D 014	05-D 314	05-H 014	05-H 314
15/16"	23.8	1	05-D 015	05-D 315	05-H 015	05-H 315
1"	25.4	1	05-D 100	05-D 400	05-H 100	05-H 400
1 1/16"	27.0	1	05-D 101	05-D 401	05-H 101	05-H 401
1 1/8"	28.6	1	05-D 102	05-D 402	05-H 102	05-H 402
1 3/16"	30.2	1	05-D 103	05-D 403	05-H 103	05-H 403
1 ¼"	31.8	1	05-D 104	05-D 404	05-H 104	05-H 404
1 5/16"	33.3	1	05-D 105	05-D 405	05-H 105	05-H 405
1 3/8"	34.9	1	05-D 106	05-D 406	05-H 106	05-H 406
1 7/16"	36.5	1	05-D 107	05-D 407	05-H 107	05-H 407
1 ½"	38.1	1	05-D 108	05-D 408	05-H 108	05-H 408
1 9/16"	39.7	1	05-D 109	05-D 409	—	—
1 5/8"	41.3	1	05-D 110	05-D 410	—	—
1 ¾"	44.5	1	05-D 112	05-D 412	—	—
1 13/16"	46.0	1	05-D 113	05-D 413	—	—
1 7/8"	47.6	1	05-D 114	05-D 414	—	—
1 15/16"	49.2	1	05-D 115	05-D 415	—	—
2"	50.8	1	05-D 200	05-D 500	—	—
2 1/16"	52.4	1	05-D 201	05-D 501	—	—
2 1/8"	54.0	1	05-D 202	05-D 502	—	—
2 3/16"	55.6	1	—	05-D 503	—	—
2 ¼"	57.2	1	—	05-D 504	—	—
2 5/16"	58.7	1	—	05-D 505	—	—
2 3/8"	60.3	1	—	05-D 506	—	—

Packaged in reusable plastic packaging.



**PREMIUM
PERFORMANCE**
ON THE INDUSTRY'S
TOUGHEST METALS

- ▷ *Specially designed lubricant zone (maintains lubrication at the TCT – Tungsten Carbide Tips)*
- ▷ *Improved heat transfer*
- ▷ *Longer life*
- ▷ *Faster cutting*

Tech tip! For increased cutting efficiency and tool life, use ICECUT liquid

PILOT PINS

Precisely position annular cutters over drilling spot and eject slug after drilling is completed. All Walter pilot pins are hardened and precision ground to provide the longest life in the industry.



CUTTER FAMILY	Diameter	Drilling depth	Order No.	Std. Pkg.	Std. Ctn.
For use with these cutters					
SST Core cut and ICECUT	1/2" - 2 3/8" dia.	1"	05-Z 001	1	10
SST Core cut and ICECUT	1/2" - 2 3/8" dia.	2"	05-Z 002	1	10
SST Core cut	1 3/16" - 1 1/16" dia.	3"	05-Z 018	1	10
For use with the following 05-D carbide core cutters					
CARBIDE core cutters	1/2" - 1 1/16" dia.	1 1/2"	05-Z 019	1	10
	3/4" - 2 3/8" dia.	1 1/2"	05-Z 020	1	10
	1/2" - 1 1/16" dia.	2"	05-Z 021	1	10
	3/4" - 2 3/8" dia.	2"	05-Z 022	1	10



Morse taper shank adaptors with coolant inducer

For use of Walter annular cutters on drilling units with a Morse taper spindle. Coolant inducer feeds coolant through the pilot pin to increase cutter life.

Morse taper	Order No.	Min. Pkg.	Std. Ctn.
No. 2	05-Z 012	1	10
No. 3	05-Z 013	1	10



Morse taper shank adaptors without coolant inducer

For use of Walter annular cutters on drilling units with a Morse taper spindle. Ideal for all drilling machines that are equipped with an external cooling source.

Morse taper	Order No.	Std. Pkg.	Std. Ctn.
No. 2	05-Z 010	1	10
No. 3	05-Z 011	1	10



Fein and Nitto adaptors

For use of Walter annular cutters on all Fein and Nitto magnetic drills.

Drilling Unit	Order No.	Std. Pkg.	Std. Ctn.
Fein	05-Z 014	1	10
Nitto	05-Z 015	1	10



Extension adaptors

Leverage an arbor adaptor with your Walter core cutters to drill deeper holes. These durable arbor adaptors and allow you to drill up to 4" for a fraction of the price of a full size core cutter.

Extension length	Item	Order No.	Std. Pkg.	Std. Ctn.
1"	Adaptor	05 -Z 023	1	10
	Pilot pin	05-Z 025	1	10
2"	Adaptor	05-Z 024	1	10
	Pilot pin	05-Z 026	1	10

ICECUT 100™ AND ICECUT 200™

Features

When you pair the best drilling machines with highly engineered annular cutters and superior cooling solutions, you know you have the best overall system for consistently drilling holes quickly and precisely with minimal interruption for changing out worn tooling.

DRILLING MADE EASY AND SAFE

“ACCUDRILL” system protects against overload and reduces the risk of cutter breakage. When you want to achieve the most productive drilling operation, you need to make sure you use the most power. This prevents the motor from overloading to reduce damage to the tool itself while also minimizing the risk of eventual damage to the cutter from overheating or movement.



VIDEO



www.walter.com

ICECUT 300™ AND ICECUT 400™

Features

NEW

Now you can get all benefits from using an ICECUT magnetic drilling machine while using annular cutters up to 4" wide at a depth of up to 4". To make the drilling operation even safer and easier, each machine features the swivel base for easy positioning of the tool along with our top-of-the-line safety features such as DIALSPEED, POWERGUARD and DYNAMAX.

Drill more, bigger, faster and safer!

Variable Dialspeed
Electronic speed control for a optimized drilling operation ensuring a constant speed under load.

Powerguard
Electronic overload built-in protection on motor.

"ACCUDRILL" system protects against overload and reduces the risk of cutter breakage. When you want to achieve the most productive drilling operation, you need to make sure you use the most power. This prevents the motor from overloading to reduce damage to the tool itself while also minimizing the risk of eventual damage to the cutter from overheating or movement.

Taper Morse Weldon shank #3
For easy mounting.



Reversible speed
Enables tapping operations.

Second carrying handle
Located on the back for a safer, more secure grip.

Swivel base
The magnetic drill can swivel 60° on each side, and also slide by 3" for an easy alignment.



FEATURES

ALL ICECUT™ MAGNETIC DRILLING UNITS

**1 CENTERED CONTROL PANEL**

Centered positioning of the electronics for easy control from any position. Whether it's a personal preference, or if the operation requires drilling from a specific side, the central control panel allows for efficient and easy operation.

**2 MANDREL SUPPORT**

Absorbs vibration for added stability and easy centering. The ball bearing support ensures the motor and chuck are perfectly aligned. It also provides smooth and precise cutting operations, and reduces chipping or breakage of the cutter.

**3 FULL BODY INTEGRATED WIRING**

For convenience and improved durability. No electrical wires will get in the way while drilling or moving your unit. Moreover, this prevents common failures due to mishandling (like carrying the unit by the wire, or the wire catching on an object).

**4 STEEL SLIDING GUARD**

Easily accessible, and extra safe. Slide guard upwards, position unit, slide guard down and start drilling safely while containing chips and lubricant to prevent them from spilling out onto the rest of the work surface.

**LIGHTWEIGHT**

At 10 kg (22 lbs.) and 12.2 kg (27 lbs.) respectively, the ICECUT 100 and ICECUT 200 are the lightweight champions in their category. With a slim body, simplified carrying handle and powerful magnet, these units were designed with portability and ergonomics in mind.

**SWIVEL BASE**

As a feature for the ICECUT 300 and ICECUT 400, it allows to swivel the magnetic drill by 60° on each side, and also slide by 3" for a perfect and easy alignment.

**5 DIRECT ACCESS**

Direct access to carbon brushes makes maintenance simple. The powerful motor will always operate at maximum efficiency, and when it is time to change out the carbon brushes, their easily accessible location makes maintenance very convenient!

**6 ERGONOMIC HANDLE**

The ergonomic handle with a smooth grip – sturdy and lightweight - makes moving the unit easy. Its design further reduces overall weight, and the smooth grip ensures easy portability.

**7 QUICK RELEASE REVERSIBLE HANDLE**

Quick release reversible handle – allows for positioning in confined or restricted spaces. The handle can be removed and reattached on whichever side the operator prefers, making this a very user friendly system.

**8 MATERIAL & THICKNESS DETECTOR**

Unit will not start when the magnetic holding power is insufficient to secure the unit to the workpiece and operate safely. Prevents accidental starts: unit will not start on any non-ferrous material like wood, plastic, or when held in the air.

**9 MECHANICAL CLUTCH**

The ICECUT 200 has a safety slip clutch, built into the gear drive, that will neutralize momentum and eliminate dangerous backlash for added safety. Prevents cutter breakage.

**EQUIPPED WITH SAFETY STRAP**

For added security when hung upside down or for frame drilling operations.

ICECUT 100™ AND ICECUT 200™

ICECUT 100™

Compact and portable

Compact—extra lightweight—perfect when mobility is key.



ICECUT 200™

The versatile unit

Powerful—2-speed—yet only 27 lbs—ideal for a wide range of production or job site operations.



TECHNICAL DATA



Item No.	39-D 100	39-D 200
Watts	850 W	1200 W
Speed	1 speed	2 speeds
No load RPM	600 RPM	Speed #1: 300 RPM / Speed #2: 600 RPM
Rated current	8A	10A
Core cutter capacity (diameter)	1 3/8" (35 mm)	2" (52 mm)
Core cutter capacity (depth)	1 1/2" (38 mm)	2" (52 mm)
Twist drill capacity (diameter)	1/2" Stub length only	1/2"
Tapping function	None	None
Weight	22 lbs (10 kg)	27 lbs (12.2 kg)
Swivel and sliding magnet	None	None
Max drill point pressure	1875 lbs (850 kg)	1875 lbs (850 kg)
Reversible handle	Tool free press-button	Tool free press-button
Powerguard electronic overload protection	Overload at 15A	Overload at 15A
Motor overload protection	None	Mechanical clutch
Short-Circuit protection	Integrated fuse	Integrated fuse
Accudrill LED torque display	Integrated Ampmeter	Integrated Ampmeter
Magnetic field sensor	Material and thickness detector	Material and thickness detector
Tool free guard	Metal, sliding up	Metal, sliding up
Wiring	Internal	Internal
Lubrication	On motor head	On motor head
Control board	Centered, s/s switches with LEDS	Centered, s/s switches with LEDS
Handle	Open on main housing	Open with anti-slip support
Arbor	WELDON shank with support	WELDON shank with support
Maintenance	Easy access to carbon brushes	Easy access to carbon brushes

ICECUT 300™ AND ICECUT 400™

Available in March 2017

NEW

ICECUT 300™

For deeper, wider holes

With a swivel base and electronic speed control, allows you to drill safer and faster.



NEW

ICECUT 400™

The most powerful and most versatile unit

With 4 mechanically-controlled speeds and a wider RPM range, this powerful tool can tackle any drilling operation with ease.



TECHNICAL DATA



Item No.	39-D 300	39-D 400
Watts	1800 W	2000 W
Speed	2 speeds reversible	4 speeds reversible
Dynamax variable speed control	Yes	Yes
No load RPM	Speed #1: 70-180 RPM / Speed #2: 200-500 RPM	Speed #1: 45-129 RPM / Speed #2: 70-208 RPM Speed #3: 150-434 RPM / Speed #4: 240-700 RPM
Rated current	18A	20A
Core cutter capacity (diameter)	3" (75 mm)	4" (100 mm)
Core cutter capacity (depth)	3" (75 mm)	4" (100 mm)
Twist drill capacity (diameter)	1 1/4" (31.75 mm)	1 1/4" (31.75 mm)
Tapping function	Yes	Yes
Weight	52 lbs (23.5 kg)	54.5 lbs (24.8 kg)
Swivel and sliding magnet	Swivel 120°, sliding 2"	Swivel 120°, sliding 2"
Max drill point pressure	4160 lbs (1890 kg)	4950 lbs (2240 kg)
Reversible handle	Tool free press-button	Tool free press-button
Powerguard motor overload protection	Overload at 22A	Overload at 24A
Powerguard electronic overload protection	Overload at 25A	Overload at 27A
Short-Circuit protection	Integrated fuse	Integrated fuse
Accudrill LED torque display	Integrated Ampmeter	Integrated Ampmeter
Magnetic field sensor	Material and thickness detector	Material and thickness detector
Tool free guard	Metal, sliding up	Metal, sliding up
Wiring	Internal	Internal
Lubrication	On motor head	On motor head
Control board	Centered, s/s switches with LEDs	Centered, s/s switches with LEDs
Handle	1 on main housing, 1 rear handle	1 on main housing, 1 rear handle
Arbor	WELDON taper morse #3	WELDON taper morse #3
Maintenance	Easy access to carbon brushes	Easy access to carbon brushes

ICECUT 100™, ICECUT 200™, ICECUT 300™ AND ICECUT 400™ SYSTEMS

COMES IN A FOAM PADDED CASE FOR SUPERIOR PROTECTION



Includes a 1/2" chuck adaptor for drilling smaller holes



For larger holes, 1/2" and above, use the magnetic base with the standard Weldon shank



Model	Order no.	RPM no-load	Motor	Amps	Max. diameter (capacity)			Max. drilling depth	Magnet strength	Weight
					Twist drill	Annular cutter				
ICECUT 100	39-D 100	600	120 V.A.C.	8A	Stub only 1/2"	1 3/8"	1 1/2"	1875 lbs	22 lbs	
ICECUT 200	39-D 200	300/600	120 V.A.C.	10A	1/2"	2"	2"	1875 lbs	27 lbs	
ICECUT 300	39-D 300	70-180/200-500	120 V.A.C.	15A	1 1/4"	3"	4"	4160 lbs	52 lbs	
ICECUT 400	39-D 400	45-129/70-208 150-434/240-700	120 V.A.C.	10A	1 1/4"	3"	4"	4950 lbs	54.5 lbs	

STANDARD EQUIPMENT FOR ICECUT 100 AND 200: Carrying case 48-H 423 (ICECUT 100), 48-H 422 (ICECUT 200), lubrication system (48-H 310), 1/2" keyed chuck (39-D 006), Chuck adaptor (39-D 005), M6 T-handle hexagonal key (48-Z 004), Allen key (48-Z 003), safety strap (48-H 329), safety glasses (48-H 424), reversible press button (48-H 324), triple handle (48-H 323).

STANDARD EQUIPMENT FOR ICECUT 300 AND 400: Carrying case, chuck, arbor assembly, safety glasses, arbor shank, drift punch, safety belt, 3 mm hexagonal, spanner, stationary ring, spare carbon brushes, coolant bottle assembly.



Straight Drill 716-B – 5/8"

End handle drill with a heavy-duty 120V motor and 2-speed gear box. Use low speed to drill large holes with extra torque and high speed to drill small holes. The reversing feature makes this drill also suitable for tapping applications.

Model	Order No.	Speed under load	Motor	Capacities - Steel		Twist drill	Hole saw	Weight
				Max. torque	Amps			
716-B	38-A 716	0-430/760 rev.	120V A.C.	30/17 Nm	9.2	5/8"	3"	9 lbs

STANDARD EQUIPMENT: 5/8" capacity keyed chuck 22-A 072, chuck key 22-A 202, side handle (model 716) 48-E 063 and 9 ft. cord.

Decimal and metric equivalents of drill sizes

Drill size	Dec. equiv.	mm	Drill size	Dec. equiv.	mm	Drill size	Dec. equiv.	mm	Drill size	Dec. equiv.	mm
1/64"	.0156	0.40	–	.1142	2.90	5	.2055	5.22	41/64"	.6406	16.27
1/32"	.0313	0.80	32	.1160	2.95	4	.2090	5.31	21/32"	.6562	16.67
60	.0400	1.02	31	.1200	3.05	3	.2130	5.41	43/64"	.6719	17.07
59	.0410	1.04	1/8"	.1250	3.18	7/32"	.2188	5.56	11/16"	.6875	17.46
58	.0420	1.07	30	.1285	3.26	2	.2210	5.61	45/64"	.7031	17.86
57	.0430	1.09	–	.1299	3.30	1	.2280	5.79	23/32"	.7188	18.26
56	.0465	1.18	29	.1360	3.45	15/64"	.2344	5.95	47/64"	.7344	18.65
3/64"	.0469	1.19	28	.1405	3.57	1/4"	.2500	6.35	3/4"	.7500	19.05
55	.0520	1.32	9/64"	.1406	3.58	F	.2570	6.53	49/64"	.7656	19.45
54	.0550	1.40	27	.1440	3.66	–	.2638	6.70	25/32"	.7812	19.84
53	.0595	1.51	26	.1470	3.73	17/64"	.2656	6.75	13/16"	.8125	20.64
1/16"	.0625	1.59	25	.1495	3.80	9/32"	.2812	7.15	27/32"	.8438	21.43
52	.0635	1.61	24	.1520	3.86	19/64"	.2969	7.54	7/8"	.8750	22.23
51	.0670	1.70	23	.1540	3.91	5/16"	.3125	7.94	57/64"	.8906	22.62
50	.0700	1.78	5/32"	.1562	3.97	21/64"	.3281	8.33	29/32"	.9062	23.02
49	.0730	1.85	22	.1570	3.99	–	.3346	8.50	59/64"	.9219	23.42
48	.0760	1.93	21	.1590	4.04	11/32"	.3438	8.73	15/16"	.9375	23.81
5/64"	.0781	1.98	20	.1610	4.09	23/64"	.3594	9.13	61/64"	.9531	24.21
47	.0785	1.99	–	.1654	4.20	U	.3680	9.35	31/32"	.9688	24.61
–	.0787	2.00	19	.1660	4.22	3/8"	.3750	9.53	63/64"	.9844	25.00
46	.0810	2.06	18	.1695	4.31	25/64"	.3906	9.92	1"	1.0000	25.40
45	.0820	2.08	11/64"	.1719	4.37	–	.4016	10.20	1 1/32"	1.0312	26.19
44	.0860	2.18	17	.1730	4.39	13/32"	.4062	10.32	1 1/16"	1.0625	26.98
43	.0890	2.26	16	.1770	4.50	27/64"	.4219	10.72	1 3/32"	1.0938	27.78
42	.0935	2.37	15	.1800	4.57	7/16"	.4375	11.11	1 1/8"	1.1250	28.58
3/32"	.0938	2.38	14	.1820	4.62	29/64"	.4531	11.51	1 5/32"	1.1562	29.37
41	.0960	2.44	13	.1850	4.70	15/32"	.4688	11.91	1 3/16"	1.1875	30.16
40	.0980	2.49	3/16"	.1875	4.76	31/64"	.4844	12.30	1 7/32"	1.2188	30.96
–	.0984	2.50	12	.1890	4.80	1/2"	.5000	12.70	1 1/4"	1.2500	31.75
39	.0995	2.53	11	.1910	4.85	33/64"	.5156	13.10	1 9/32"	1.2812	32.54
38	.1015	2.58	10	.1935	4.91	17/32"	.5312	13.50	1 5/16"	1.3125	33.34
37	.1040	2.64	9	.1960	4.98	35/64"	.5469	13.90	1 11/32"	1.3438	34.13
36	.1065	2.71	–	.1969	5.00	9/16"	.5625	14.29	1 3/8"	1.3750	34.93
7/64"	.1094	2.78	8	.1990	5.05	37/64"	.5781	14.68	1 13/32"	1.4062	35.72
35	.1100	2.79	7	.2010	5.11	19/32"	.5938	15.08	1 7/16"	1.4375	36.51
34	.1110	2.82	13/64"	.2031	5.16	39/64"	.6094	15.48	1 15/32"	1.4688	37.31
33	.1130	2.87	6	.2040	5.18	5/8"	.6250	15.88	1 1/2"	1.5000	38.10

Maximum cutting speeds for SST power taps – RPM

Tap dia.	Mild steel	Stainless steel	Aluminum
#6	800	500	1,600
#8	670	400	1,500
#10	600	350	1,400
#12	550	300	1,200
1/4"	450	250	1,000
5/16"	370	200	850
3/8"	300	150	700
7/16"	260	120	600
1/2"	230	100	500

Drilling speeds – RPM HSS drill bits and countersinks

Dia.	Mild steel	Stainless steel	Aluminum and brass	Dia.	Mild steel	Stainless steel	Aluminum and brass
1/16"	4900	2450	6110	3/8"	820	400	1020
3/32"	3250	1600	4070	7/16"	700	350	870
1/8"	2450	1200	3060	1/2"	610	300	760
5/32"	1950	950	2450	5/8"	490	250	610
3/16"	1630	800	2040	3/4"	410	200	510
7/32"	1400	700	1750	7/8"	350	170	440
1/4"	1220	600	1530	1"	305	150	380
5/16"	980	500	1220	1 1/4"	245	120	310

Recommended max. RPM for through holes. Reduce speed by one-third for blind holes. Make sure blind hole is deep enough to allow chips to accumulate at the bottom.

Tap drill sizes – Metric

SIZE	PITCH	mm	DRILL
	mm		Wire gauge/ fract. equiv.
M2.5	.45	2.0	46
M3	.5	2.5	40
M3.5	.6	2.9	33
M4	.7	3.3	30
M5	.8	4.2	19
M6	1.0	5.0	9
M8	1.25	6.7	17/64"
M10	1.5	8.5	21/64"
M12	1.75	10.2	13/32"

Taper pipe tap drill sizes NPT and NPTF

Tap size	Drill size	Tap size	Drill size
1/8" – 27	11/32"	1" – 11 1/2	1 5/32"
1/4" – 18	7/16"	1 1/4" – 11 1/2	1 1/2"
3/8" – 18	37/64"	1 1/2" – 11 1/2	1 47/64"
1/2" – 14	45/64"	2" – 11 1/2	2 7/32"
3/4" – 14	29/32"		

Recommended RPM and feed rates for different materials

ANNULAR CUTTERS

Cutter dia.		Mild steel		High tensile steel	Brass	Aluminum
SFM*		80'	Feed	25'	150'	185'
inch	mm	rpm	inch/rev.	rpm	rpm	rpm
9/16"	14	543	.014	170	710	900
5/8"	16	489	.014	153	680	855
1 1/16"	17	444	.017	139	635	800
3/4"	19	407	.021	127	600	750
13/16"	21	376	.021	118	580	735
7/8"	22	349	.021	109	560	710
15/16"	24	326	.021	102	550	695
1"	25	306	.021	95	540	680
1 1/8"	29	272	.028	85	515	635
1 1/4"	32	244	.035	76	475	600
1 3/8"	35	222	.035	69	455	575
1 1/2"	38	204	.042	64	440	550
1 5/8"	41	188	.042	59	425	420
1 3/4"	44	175	.042	55	390	490
1 7/8"	48	163	.042	51	370	465
2"	51	153	.042	48	350	430

Reduce feed rates by 50% for thin walled workpieces, oblique entry, curved surfaces, semi-circles and fragile set-ups.

Increase feed rates by 25% for soft materials and deep hole drilling.

Multiply rpm by 2 for carbide core cut.

* SFM = Surface Feet per Minute

Tap drill sizes – Fractional

Tap size	Thread form	Drill size
2-56	NC	50
3-48	NC	47
4-40	NC	43
5-40	NC	38
6-32	NC	36
8-32	NC	29
10-24	NC	25
10-32	NF	21
12-24	NC	16
1/4"-20	NC	7

Tap size	Thread form	Drill size
1/4"-28	NF	3
5/16"-18	NC	F
5/16"-24	NF	17/64"
3/8"-16	NC	5/16"
3/8"-24	NF	21/64"
7/16"-14	NC	U
7/16"-20	NF	25/64"
1/2"-13	NC	27/64"
1/2"-20	NF	29/64"
9/16"-12	NC	31/64"

Tap size	Thread form	Drill size
9/16"-18	NF	33/64"
5/8"-11	NC	17/32"
5/8"-18	NF	37/64"
3/4"-10	NC	21/32"
3/4"-16	NF	11/16"
7/8"-9	NC	49/64"
7/8"-14	NF	13/16"
1-8	NC	7/8"
1-12	NF	15/16"
1-14	NS	15/16"

09

POWER TOOLS
HIGH PERFORMANCE
TOOLS TO GET
THE MOST OUT OF
YOUR CONSUMABLES



VIDEO



www.walter.com

Power, safety and improved productivity

Our new line of angle grinders is designed to excel in all applications, whether it be in grinding, cutting, sanding, or cleaning. Each of our grinders is compact and packs a punch, providing you with the highest removal rate in the industry when paired with Walter abrasives. These industrial tools are designed with safety in mind and are built to last.

We also have classified our grinders to help you select the very best tool for your specific needs. Is improving safety the key decision factor? Perhaps maximum productivity is really what matters. Rest assured that whichever grinder you select, it will deliver the strongest, most efficient output available, reducing your overall costs.

FEATURES	ZIPCUTTER	SMALL ANGLE GRINDERS			MAXIMUM PRODUCTIVITY		MAXIMUM SAFETY		LARGE ANGLE GRINDERS		SANDERS / POLISHERS			WELD GRINDER	TUBE/PIPE SANDER	DIALSPEED	
	ZIPCUTTER	MINI GRINDER	MINI PLUS	SUPER 5	PRO 5	BIG 6	MINI GRINDER PS	SUPER 5 PS	BIG 6 PS	DURON	MAXI	QS FINISHER	QS BIG-BUFF III	QS LINE-MATE III	ULTI-MATE SYSTEM	RAIL-MATE SYSTEM	DIALSPEED 6141-6145
Anti-vibration side handle	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓			
Tool-free guard	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓			
Quick-R™ release		✓	✓	✓	✓	✓	✓	✓			✓						
Safety clutch	✓	✓	✓	✓	✓	✓	✓	✓			✓			✓			
Paddle switch (non-locking)						✓	✓	✓	✓	✓	✓						
Soft Start™	✓		✓	✓	✓		✓	✓			✓	✓	✓	✓	✓	✓	✓
Safety Restart	✓		✓	✓	✓		✓	✓			✓	✓	✓	✓	✓	✓	✓
DYNAMAX™ electronics	✓		✓	✓	✓		✓	✓			✓	✓	✓	✓	✓	✓	✓
Powerguard™	✓		✓	✓	✓		✓	✓			✓	✓	✓	✓	✓	✓	✓
Stabilizer			✓	✓	✓			✓									
Variable DIALSPEED™			✓								✓	✓	✓	✓	✓	✓	✓
Mechanical brake system								✓									

*Paddle switch on models 6352 and 6362 only. **Non-Locking switch available upon request on MAXI models.

Total performance

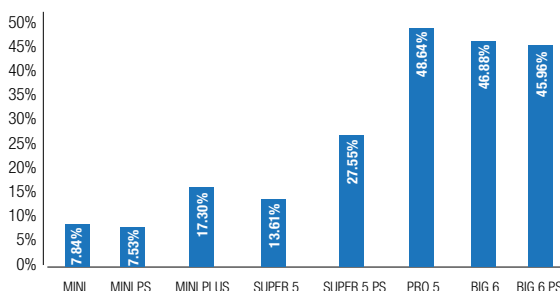
When you combine the most powerful grinders with premium Walter abrasives, you get the best overall performance in the industry. Whether you need to cut, grind or finish surfaces, our line of angle grinders gets the job done faster and easier while extending the life of your abrasives. Walter's next generation grinders are setting new standards in the metalworking industry.

New angle grinders vs. the previous generation (both using HP XX grinding wheels)

Model	Total removal (g)		%	Removal rate (g/min.)		%
	Old	New		Old	New	
MINI	1020	1111	8.92%	20.40	22	7.84%
MINI PS	1023	1111	8.60%	20.46	22	7.53%
MINI PLUS	1023	1230	20.23%	20.46	24	17.30%
SUPER 5	1176	1200	2.04%	29.40	33.4	13.61%
SUPER 5 PS	1176	2100	78.57%	29.40	37.5	27.55%
PRO 5	1176	2300	95.58%	29.40	43.7	48.64%
BIG 6	2200	2765	25.68%	32.00	47	46.88%
BIG 6 PS	2200	2765	25.68%	32.20	47	45.96%

● Double the life of your HP XX wheels by combining them with our PRO 5 grinder!

Productivity gain with our grinders compared to closest competitor (using HP XX wheels)



GENERAL FEATURES NEW GRINDERS

Variable DialSpeed™ Electronic speed control at the back of the machine to adjust the speed for optimum performance. DYNAMAX™ electronics regulate the power supply to the motor to ensure constant speed under full load for optimal control.

Soft Start™ Tools equipped with Soft Start™ will ensure a progressive increase of RPM for a safer use, as opposed to a high start-up "kick".

Brake system Fastest mechanical brake available on the market, that will stop the tool within two seconds, for optimal user safety.

Powerguard™ A temperature sensor is built into the electric motor to help protect the tool from burn-out.

Quick-R™ release Lets you change grinding and cut-off wheels in seconds, without any keys or wrenches.

Anti-vibration side handle High-tech, vibration absorbing side handle offers a safer and more comfortable operation without fatigue.

Paddle switch (non-locking) For added safety, the double action non-locking paddle switch will stop the grinder if you are not holding it.

Safety restart Following a power interruption the power tool will not restart on its own when power is restored. If the switch is left in the ON position, the LED will start blinking when the power is restored. To restart the grinder, it must be reset by switching it OFF and then ON. If the cord breaks, the LED link will flash.

Safety clutch Built into the gear drive, the safety slip clutch neutralizes momentum and eliminates dangerous backlash.

Tool-free guard New, quick-release guard lever lets you adjust or remove the wheel guard without any tools, in a matter of seconds.

Stabilizer Significantly reduces vibration during operation, making the tools more ergonomic and extending the life of both the tool and abrasives by up to 200%.

DYNAMAX™ electronics Ensure that spindle RPM speeds remain constant even under load for maximum productivity.

More protection

All Walter 4 1/2", 5" and 6" angle grinders are covered by our 24-month LONG-RUN warranty and exclusive SERVICEGUARD™ protection plan.





ZIPCUTTER

A powerful cordless cutting tool

The Zipcutter 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. The tool is available in two versions, a versatile 4.5"/5" version and a 6" version for greater cutting depth.

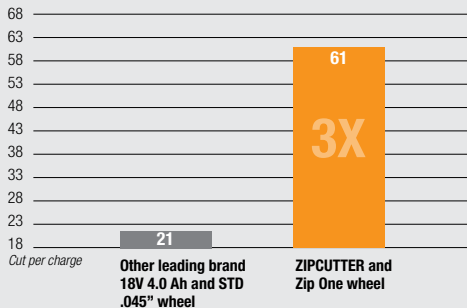
VIDEO



www.walter.com



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



Pair the outstanding power of the Zipcutter 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.

See ZIP One full listing on page 41

More Power = more cuts/charge

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

ZIPCUTTER

Go cordless!

Max wheel 6"

(34-B 160) One of the most powerful cordless tools on the market, and one of the few that can accommodate a 6" wheel.



Features

- A 270° rotating rear housing**
Allows you to position the battery for added comfort and convenience.
- B Lightweight**
Even with the most powerful motor inside, it's still the lighter one in this 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**
Easy to install and clean avoid from dust & particle inside your cordless cutting tool
- 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 Bevelled 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 armature retaining plate**
Prevents misalignment under heavy load. Ensures all pieces are kept firmly in place for increased life.
- K Rear armature bushing**
Absorbs instant impact and reduces vibration while cutting. 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.

ZIPCUTTER SYSTEM

Includes:

- 1 ZIPCUTTER (34-A 150 for 045 kit and 050 kit / 34-A 160 for 060 kit) with standard equipment plus carrying case (34-B 013)
- 2 battery packs 5.2Ah (34-B 001)
- 1 ventilated charging station (34-B 002),
- 1 closed guard adaptor (34-B 011 for 045 and 050 /34-B 012 for 060)
- 5 ZIP One (11-T 642 for 045 kit, 11-T 652 for 050 kit, 11-T 662 for 060 kit)

Model	Order No.	Disc dia.	RPM	Spindle thread	Voltage	Weight with battery
050	34-A 150	4.5" / 5"	8,000	5/8"-11	18 V	2.4 kg
060	34-A 160	6"	8,000	5/8"-11	18 V	2.4 kg
045 KIT	34-A 949	4.5"	8,000	5/8"-11	18 V	
050 KIT	34-A 950	5"	8,000	5/8"-11	18 V	
060 KIT	34-A 951	6"	8,000	5/8"-11	18 V	

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

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

Exclusive Ventilated charging system



Battery pack 5.2Ah

Order No.: 34-B 001

The most powerful battery available on the market. The only battery suitable to handle Walter's aggressive cutting wheels for an extended period of time. 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. Integrated fan to cool down the battery. Allows for a faster battery recharge. LED lights incorporated to indicate shortage, overheating or full charge level.

Accessories



Closed guard adaptor

Order No. 4-1/2": 34-B 010

Order No. 5-1/2": 34-B 011

Order No. 6": 34-B 012

Lightweight and portable. Provides optimal protection while cutting. Easily installed onto the cutting guard. Does not get in the way when changing your cutting wheel.



Carrying case

Order No.: 34-B 013

Conveniently fits your cordless cutter and all standard equipment for easy portability.

SMALL ANGLE GRINDERS

MINI-GRINDER™

Order no. 30-A 161

Light, compact and durable

The Mini™ 4.5" grinder's state-of-the-art features include the new Walter anti-vibration handle that makes the grinder more comfortable to use and a new QUICK-R™ instant release function for disc change outs that take just seconds. The Mini™ now has an additional 100 watts of power compared to the previous model and features a newly re-designed rear vent to keep the armature cooler, allowing you to work longer while extending the life of the tool.



SUPER 5™ – 5"

Order no. 30-A 150

The perfect intermediate size grinder

Now boasting a 10.5A motor, this grinder is the right choice for those jobs that require extra power from a lightweight tool. This industrial grade power tool is built to last, and when paired with 5" Walter abrasives it provides one of the safest and most productive systems to tackle a wide range of jobs.



Description	MINI™	SUPER 5™
Model name	6161K	6150i
Order No.	30-A 161	30-A 150
Anti-vibration side handle	✓	✓
Safety clutch	✓	✓
QUICK-R™ instant release function	✓	✓
Tool-free rotating guard	✓	✓
Lock-on switch	✓	✓
AC/DC compatibility	✓	✓
Spindle	5/8" - 11	5/8" - 11
RPM no-load	10,500	11,000
Amperage	8,5 A	10.5 A
Power	900 W	1200 W
Tool weight	4.6 lbs	5.3 lbs
Maximum wheel diameter	4-1/2"	5"
Standard equipment		
Wheel guard type 27	48-M 441	48-M 444
Side handle		30-B 075
Inner flange		30-B 057
QUICK-R™ front nut		30-B 020
Optional equipment		
Close guard adaptor	34-B 010	34-B 011
Manual clamping nut		30-B 037
Nut holder		30-B 023
Pin key wrench		48-Z 148
SPIN-ON™ kit		30-B 024

VERSATILE SMALL ANGLE GRINDER

MINI PLUS™

Order no. 30-A 255

A powerful variable speed grinder for any job that comes your way

The MINI PLUS™ grinder provides premium performance and the most advanced features in the industry. Put it to work taking down welds, cutting tubing, light sanding, or removing rust and paint. With an autobalancer, our DYNAMAX™ speed control and POWERGUARD™ protection from overheating, the MINI PLUS™ delivers superior performance no matter the job. Remove more material faster while also significantly extending the life of your abrasives with a premium power tool.



Description	MINI PLUS™
Model name	6255J
Order No.	30-A 255
Anti-vibration side handle	✓
Safety clutch	✓
QUICK-R™ instant release function	✓
Tool-free rotating guard	✓
Lock-on switch	✓
AC compatibility only	✓
Stabilizer™	✓
Soft-Start™	✓
Restart protection	✓
DYNAMAX™ RPM monitoring	✓
POWERGUARD™ overheat protection	✓
LED indicator	✓
DIALSPEED™ variable RPM selector	✓
Spindle	5/8" - 11
RPM no-load	2,800 to 10,500
Amperage	9.5 A
Power	1000 W
Tool weight	4.8 lbs
Maximum wheel diameter	5"
Standard equipment	
Wheel guard type 27	48-M 444
Side handle	30-B 075
Inner flange	30-B 057
QUICK-R™ front nut	30-B 020
Optional equipment	
Close guard adaptor	34-B 011
Manual clamping nut	30-B 037
Nut holder	30-B 023
Pin key wrench	48-Z 148
SPIN-ON™ kit	30-B 024

MAXIMUM PRODUCTIVITY GRINDERS

PRO 5™

Order no. 30-A 157

Efficient, comfortable and ideal for lengthy usage

The Pro 5™ has no peers among 5" angle grinders when it comes to removal rate or cutting speed. Equipped with the new Walter Stabilizer™, DYNAMAX™, Powerguard™, and Soft Start™ technologies, the Pro 5™ is in a class of its own and offers the most comprehensive safety and productivity enhancing features.



BIG 6™

Order no. 30-A 260

The best ratio of weight and performance

The Big 6™ is the most powerful grinder in its class. The only grinder that can deliver 1,700 watts with a 6" wheel capacity, the Big 6™ is built for heavy duty applications. It offers a secure grip thanks to the new Walter Stabilizer™ system, which reduces vibration and increases the life of each wheel by at least 30%. The Big 6™ has extensive safety features, making it ideal for production environments that want the performance of a 7" or even 9" grinder without the weight and wear and tear on operators.



Description	PRO 5™	BIG 6™
Model name	6157A	6260J
Order No.	30-A 157	30-A 260
Anti-vibration side handle	✓	✓
Safety clutch	✓	✓
QUICK-R™ instant release function	✓	✓
Tool-free rotating guard	✓	✓
Lock-on switch	✓	✓
AC compatibility only	✓	✓
Stabilizer™	✓	✓
Soft-Start™	✓	✓
Restart protection	✓	✓
DYNAMAX™ RPM monitoring	✓	✓
POWERGUARD™ overheat protection	✓	✓
LED indicator	✓	✓
Spindle	5/8" - 11	5/8" - 11
RPM no-load	11,000	9,600
Amperage	13.5 A	14.5 A
Power	1550 W	1700 W
Tool weight	5.7 lbs	5.9 lbs
Maximum wheel diameter	5"	6"
Standard equipment		
Wheel guard type 27	48-M 444	48-M 446
Side handle		30-B 075
Inner flange		30-B 057
QUICK-R™ front nut		30-B 020
Optional equipment		
Close guard adaptor	34-B 011	34-B 012
Manual clamping nut		30-B 037
Nut holder		30-B 023
Pin key wrench		48-Z 148
SPIN-ON™ kit		30-B 024

MAXIMUM SAFETY GRINDERS

MINI PS™

Order no. 30-A 163

Additional job site safety

The Mini PS™ is the ideal choice when a paddle switch is needed on a 4 1/2" grinder. It can be plugged into a generator, making it the perfect fit for construction sites. The double action non-locking paddle switch will stop when you release it, making it the safest choice without sacrificing productivity.



SUPER 5 PS™

Order no. 30-A 153

Safety and performance

The Super 5 PS™ allows you to grind, cut, sand, finish and clean at a much faster and smoother rate. Furthermore, rest assured that when you hold the Super 5 PS™, you are holding the safest grinder thanks to Soft Start™, Powerguard™, a safety clutch and a safety restart that prevents the tool from starting on its own after a power interruption.



BIG 6 PS™

Order no. 30-A 263

Heavy-duty performance with additional safety features

The Big 6 PS™ comes with a paddle switch and a mechanical brake to stop the grinder within 2 seconds of relieving the trigger. The Big 6 PS™ is the safest heavy duty grinder on the market and also comes with a Walter Stabilizer™ to reduce vibration, improving workplace ergonomics while improving the life and removal rate of your abrasives.



Description	MINI PS™	SUPER 5 PS™	BIG 6 PS™
Model name	6163B	6153B	6263B
Order No.	30-A 163	30-A 153	30-A 263
Anti-vibration side handle	✓	✓	✓
Safety clutch	✓	✓	✓
QUICK-R™ instant release function	✓	✓	✓
Tool-free rotating guard	✓	✓	✓
Non-locking paddle switch	✓	✓	✓
Mechanical brake system			✓
AC/DC compatibility	✓		
AC compatibility only		✓	✓
Stabilizer™			✓
Soft-Start™		✓	✓
Restart protection		✓	✓
DYNAMAX™ RPM monitoring		✓	✓
POWERGUARD™ overheat protection		✓	✓
LED indicator		✓	✓
Spindle	5/8" - 11	5/8" - 11	5/8" - 11
RPM no-load	10,500	11,000	9,600
Amperage	8.5 A	13.5 A	14.5 A
Power	900 W	1550 W	1700 W
Tool weight	4.6 lbs	5.5 lbs	6.2 lbs
Maximum wheel diameter	4-1/2"	5"	6"
Standard equipment			
Wheel guard type 27	48-M 441	48-M 444	48-M 446
Side handle		30-B 075	
Inner flange		30-B 057	
QUICK-R™ front nut		30-B 020	
Optional equipment			
Close guard adaptor	34-B 010	34-B 011	34-B 012
Manual clamping nut		30-B 037	
Nut holder		30-B 023	
Pin key wrench		48-Z 148	
SPIN-ON™ kit		30-B 024	

DURON™ GRINDERS

DURON 5"™

Order no. 30-A 350
Order no. 30-A 352

DURON 6"™

Order no. 30-A 360
Order no. 30-A 362

Powerful, heavy-duty midsize long tail grinders

These industrial angle grinders have set a new standard in performance, safety and operator comfort. The extremely powerful motor delivers impressive torque to the spindle to get more work done faster, guaranteed. The compact and rugged construction will outperform and last longer in the most demanding grinding, bevelling, cutting and cleaning applications.



WARRANTY

LONG-RUN
SERVICEGUARD™
Protection Plan

24
MONTHS



Description	DURON™ 5"		DURON™ 6"	
Model name	6350C	6352C	6360C	6362C
Order No.	30-A 350	30-A 352	30-A 360	30-A 362
Lock-on switch	✓		✓	
Non-locking switch		✓		✓
AC/DC compatibility	✓	✓	✓	✓
Swivel rear handle	✓	✓	✓	✓
Spindle	5/8" - 11	5/8" - 11	5/8" - 11	5/8" - 11
RPM no-load	10,000	10,000	10,000	10,000
Amperage	12 A	12 A	12 A	12 A
Power	1400 W	1400 W	1400 W	1400 W
Tool weight	6.2 lb	6.2 lb	6.2 lb	6.2 lb
Tool length	17"	17"	17"	17"
Maximum wheel diameter	5"	5"	6"	6"
Standard equipment				
Wheel guard	48-L 100		48-M 215	
Side handle			32-B 015	
Inner flange			30-B 057	
Clamping nut			30-B 037	
Pin key wrench			48-Z 148	
Optional equipment				
Nut holder			30-B 023	

MAXI GRINDERS™

MAXI 7"™

Order no. 30-A 170

MAXI 9"™

Order no. 30-A 190

Pound for pound, they deliver more power and better performance

These full-size industrial angle grinders now deliver even more power and speed to get heavy-duty grinding and finishing jobs done faster and with less effort. Well established and recognized quality motors generate less heat and deliver a higher removal rate under load. These grinders will stay on the job longer in the most demanding applications such as bevelling, grinding and taking down heavy welds.



Description	MAXI 7"™	MAXI 9"™
Model name	6170i	6190i
Order No.	30-A 170	30-A 190
Anti-vibration side handle	✓	✓
Lock-on switch	✓	✓
AC/DC compatibility	✓	✓
Swivel rear handle	✓	✓
Spindle	5/8" - 11	5/8" - 11
RPM no-load	8,500	6,800
Amperage	15 A	15 A
Power	2400 W	2400 W
Tool weight	12.8 lbs	12.8 lbs
Maximum wheel diameter	7"	9"
Standard equipment		
Wheel guard	48-M 472	48-M 517
Side handle		48-M 401
Inner flange		30-B 057
Clamping nut		30-B 037
Pin key wrench		48-M 483
Optional equipment		
Cut-off guard	34-B 065	34-B 066

SANDER-POLISHER

QUICK-STEP FINISHER™

Order no. 30-A 275

The perfect tool for surface finishing and polishing

This variable speed tool was specifically designed to get the most out of the QUICK-STEP surface finishing system. Whether you sand, buff or polish, the QUICK-STEP Finisher will provide you with a uniform, top quality finish and reduced finishing times. With all the latest electronic safety controls, the Quick-Step Finisher is the smart choice for professionals looking to reduce cycle time and finishing costs.



WARRANTY
LONG-RUN 24 MONTHS
 SERVICEGUARD™ Protection Plan

QUICK-STEP FINISHER SYSTEM

Order no. 30-A 277

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 grit 120 (07-Q 512)
- 1 Quick-Step FLEX grit 60 (07-Q 506)
- 1 Quick-Step interface pad (07-Q 045)
- 2 Quick-Step XX grit 120 (15-V 412)
- 2 Quick-Step XX grit 240 (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
Nut holder	30-B 023
Pin key wrench	48-Z 148

SANDER-POLISHER

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.



QUICK-STEP BIG-BUFF III SYSTEM – 4 1/2"

Order no. 30-A 267

Includes:

- 1 Quick-Step backing pad MG (07-Q 149)
- 1 Quick-Step FX (07-X 845)
- 1 Quick-Step FLEX grit 120 (07-Q 512)
- 1 Quick-Step FLEX grit 60 (07-Q 506),
- 1 Quick-Step interface pad (07-Q 045)
- 2 Quick-Step XX grit 120 (15-V 412)
- 2 Quick-Step XX grit 240 (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)
- 1 Quick-Step Big-Buff and carrying case (30-A 265)



Description	QUICK-STEP BIG-BUFF III™
Model name	6265C
Order No.	30-A 265
Lock-on switch	✓
AC 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

FILLET WELD GRINDER **NEW**

ULTI-MATE™

Variable speed fillet weld grinder

Ulti-Mate™ is a new variable speed fillet weld grinder and finishing tool designed to work in tight corners that other tools have a difficult time reaching. By combining this tool and our range of quality abrasives, you can go from a rough weld all the way to a mirror finish in just minutes.



ULTI-MATE FILLET WELD GRINDER SYSTEM

Order no. 30-A 287

Includes:

- 1 Ulti-Mate
- 1 Enduro-Flex 2-in-1 Turbo (15-I 451)
- 1 Enduro-Flex 2-in-1 (15-I 453)
- 1 Blendex U Turbo, 1/4" width (07-U 625)
- 1 Blendex U Turbo, 1/6" width (07-U 615)
- 1 Blendex U 2SF, 1/4" width (07-U 621)
- 1 FX Stainless wheel, 1/4" width (07-X 662)



Description	ULTI-MATE WELD GRINDER SYSTEM™
Model name	6285A
Order No.	30-A 287
Anti-vibration side handle	✓
Safety clutch	✓
Lock-on switch	✓
AC compatibility only	✓
Soft-Start™	✓
Restart protection	✓
DYNAMAX™ RPM monitoring	✓
POWERGUARD™ overheat protection	✓
LED indicator	✓
DIALSPEED™ variable RPM selector	✓
Spindle	5/8" - 11
RPM no-load	2,500 to 8,750
Amperage	12.2 A
Power	1550 W
Tool weight	7.7 lbs
Maximum wheel diameter	6"

TUBE / PIPE SANDER **NEW**

RAIL-MATE™

Remove welds and finish pipes, tubes and railings faster

Walter is proud to unveil a new power tool that allows you to use our premium abrasive products in a new belt format to finish pipes, tubes and railings. This powerful finishing tool features Soft-Start technology to avoid kickback when starting the tool, Dialspeed™ variable speed control and Dynamax™ RPM Monitoring to maintain consistent speed under load.



RAIL-MATE SANDER SYSTEM

Order no. 30-A 289

Includes:

- 1 Rail-Mate
- 6 Coolcut XX belts (2 of each: grit 60, 14-X 156; grit 80, 14-X 158; grit 120: 14-X 162)
- 3 Blendex belts (1 of each grade: Coarse, 07-D 152; Medium 07-D 153; Fine 07-D 154)



Description	RAIL-MATE SANDER SYSTEM™
Model name	6288A
Order No.	30-A 289
Lock-on switch	✓
AC compatibility only	✓
Soft-Start™	✓
Restart protection	✓
DYNAMAX™ RPM monitoring	✓
POWERGUARD™ overheat protection	✓
LED indicator	✓
DIALSPEED™ variable RPM selector	✓
Spindle	5/8" - 11
RPM no-load	1,600 to 3,200
Surface speed	3-12 m/sec.
MAX belt size L x W	760 mm x 40 mm
MAX pipe diameter	7 in. (180 mm)
MAX polishing deg.	270°
Amperage	10A
Power	1200 W
Tool weight	6.8 lbs
QUICK-R™ front nut	30-B 020

DRUM SANDER

QUICK-STEP LINE-MATE III™

Order no. 30-A 268

Linear finishing made easy

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



LINE-MATE III™ SYSTEM

Order no. 30-A 269

Includes:

- 1 Line-Mate III™ with standard equipment plus carrying case
- 1 pneumatic drum (07-F 051)
- 6 cloth drum belts (2 each grit: 60: 07-F 506, 80: 07-F 508 and 120: 07-F 511)
- 2 BLENDEx drum belts (Coarse: 07-H 502, medium: 07-H 503)
- 1 TWO-IN-ONE drum (4 1/4" x 4": 07-K 442)
- 1 BLENDEx drum (4 1/4" 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	4-1/2" diameter x 4" length
Standard equipment	
Side handle	48-Z 034
Manual clamping nut	30-B 037
Pin key wrench	48-Z 148
Flange	30-B 057

POINT GRINDER

DIALSPEED™ 6141

Order no. 30-A 141

For fitting and finishing work

This convenient design of this very popular point grinder results in increased performance and operator comfort to let you reach new levels of productivity. Proven electronics and the quality construction of the motor deliver more power to the spindle while the ergonomic housing minimizes fatigue. This tool is the perfect companion to our premium carbide burs for any deburring or shaping applications.

SPEED 1	10,000 rpm
SPEED 2	14,000 rpm
SPEED 3	18,500 rpm
SPEED 4	22,000 rpm
SPEED 5	26,000 rpm
SPEED 6	30,500 rpm



Description	DIALSPEED™ 6141
Model name	6141E
Order No.	30-A 141
Lock-on switch	✓
AC compatibility only	✓
Soft-Start™	✓
Restart protection	✓
DYNAMAX™ RPM monitoring	✓
POWERGUARD™ overheat protection	✓
DIALSPEED™ variable RPM selector	✓
Collet	1/4"
RPM no-load	10,000 to 30,500
Amperage	6.4 A
Power	710 W
Tool weight	4.2 lbs
Tool length	13.75"
Maximum wheel diameter	1.5"
Standard equipment	
1/4" collet	30-B 046
Spanner	48-Z 019
Optional equipment	
Cutting guard	30-B 051

STRAIGHT GRINDER

DIALSPEED™ 6145

Order no. 30-A 145

For finishing, mechanical cleaning and polishing work

Our Dialspeed Straight Grinder operates at a lower RPM range, making it the perfect companion for mounted flap wheels or wire brushes for mechanical cleaning, finishing or polishing applications. The newly designed planetary gears allow you to get closer to the workpiece, producing a uniform and straight finish. This industrial power tool is built to last and also features a side handle for increased control in applications requiring a delicate touch.

SPEED 1	2,500 rpm
SPEED 2	4,000 rpm
SPEED 3	5,500 rpm
SPEED 4	7,000 rpm
SPEED 5	8,000 rpm
SPEED 6	8,700 rpm



Description	DIALSPEED™ STRAIGHT GRINDER 6145
Model name	6145E
Order No.	30-A 145
Lock-on switch	✓
AC compatibility only	✓
Soft-Start™	✓
Restart protection	✓
DYNAMAX™ RPM monitoring	✓
POWERGUARD™ overheat protection	✓
DIALSPEED™ variable RPM selector	✓
Collet	1/4"
RPM no-load	2,500 to 8,700
Amperage	8.5 A
Power	950 W
Tool weight	4.3 lbs
Tool length	14"
Maximum wheel diameter	1.5"
Standard equipment	
Side handle	48-L 555
1/4" collet	30-B 046
Spanner	48-Z 019
Optional equipment	
Cutting guard	30-B 051

ACCESSORIES



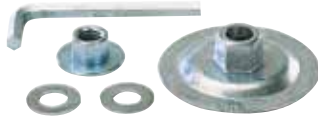
Threaded throw-away adaptors

	Order No.
For 1/8" wheels (5/8"NC)	08-B 002
For 1/4" wheels (5/8"NC)	08-B 001
For 1/2" wheels (5/8"NC)	08-B 003



Reusable adaptor kit

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

Order No.
11-L 005

Mandrel for finishing wheels

Plastic, 8 mm shaft, self-expanding,
 flush mounting for 1" thick wheels
Order No. 07-C 003 -



1/4" shaft for TWIST backing pads

with 1/4"-20 thread

For 2" and 3" pads
Order No. 04-X 001



Mounting accessories for FX wheels

Mandrels for use on straight grinders and drills

For use with 4" FX wheels

	Order No.
1/4" shaft	07-X 004
8 mm shaft	07-X 003



For use with 6" FX wheels

1/4" shaft	07-X 006
8 mm shaft	07-X 005



Extension mandrels for use on angle grinders

M14 x 2.0 thread	07-C 005
5/8"-11 thread	07-C 006

Two wheels can be mounted on each mandrel.



Wheel dressers

For bench grinder wheels

Standard type
Order No. 12-E 001

Heavy-duty
Order No. 12-E 002



Replacement wheels

	Order No.
Set for 12-E 001	12-E 004
Set for 12-E 002	12-E 005

Extra clamping nuts



	Order No.
For 4" backing pads	
3/8"-24	15-D 015
For 4 1/2" and 5" backing pads	
M10 x 1.25	15-D 010
5/8"-11	15-D 014
For 6" and 7" backing pads	5/8"-11 15-H 014
For 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 x 2.0 spindle	07-Z 005	

Wire brush adaptors and mandrels

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

	Order No.
To M10 × 1.25 female	13-D 001
To M10 × 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. 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



Special clamping flange for $\frac{5}{8}$ "-11 spindle, for wheels less than $\frac{1}{8}$ " thick.

Order No. 30-B 017



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

M14 × 2.0 spindle **Order No.** 30-B 016

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



Flanges for flush mounting wheels

Less than $\frac{1}{8}$ " thick

For Walter grinders with:

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

Order No.

30-B 017



Flush mounting set

for other brands of grinders with:

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

30-B 021

(includes special flange and clamping nut)



ErgoFlex mounting set

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

30-B 030

Spacer washers

For grinders with:

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

Order No.

07-Q 001

M14 × 2.0 spindle

07-Z 005

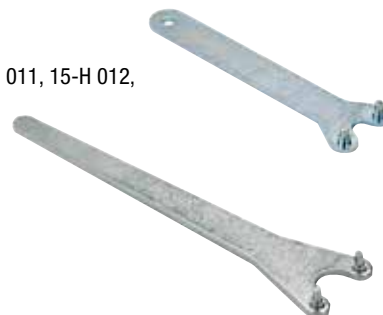


Pin keys

Pin key for clamping nuts

15-H 009, 15-H 010, 15-H 011, 15-H 012, 15-D 013 and 15-H 024

Order No. 15-H 021



For all other

clamping nuts

Order No. 48-Z 148

Side handles

Size

4-1/2", 5" and 6"

7" and 9"

Quick-Step Big Buff

Line-Mate III

6145 straight grinder

Order No.

32-B 027

48-M 401

48-A 054

48-A 034

48-L 555



Nut holder

Order No. 30-B 023

Thread your clamping nut directly on your grinder when not in use. Prevents losses.



Carrying case

Sturdy steel carrying case with protective foam and ample room for accessories.

For 6141, 6145, 6150, 6161, 6255, and 6260 grinders.

Order No. 30-B 010



Flexible shaft

For delicate finishing work with 6141 and 6145.

1/4" collet, 5 ft. long.

Order No. 30-B 050



Bench mount

For use with flexible shaft, for 6141 and 6145.

Order No. 30-B 002



Replacement collets

For 6141 and 6145.

Size **Order No.**

1/4" 30-B 046

1/8" 30-B 047

6 mm 30-B 048



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 500 ml trigger sprayer bottles or any other larger container directly.

Description	Order No.
Spout for 5 L plastic pail	53-L 113
Spout for 20 L square plastic pail	53-L 207
Spout for 208 L plastic drum	53-L 209, 2" NPT and 53-L 210, 3/4" NPT
Spout for 200 L metal drum	53-L 209, 2" NPT

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

08-B 006

With 3/8"-24 on spindles

08-B 005

with 7/16"-20 thread

With 5/8"-11 on spindles

08-B 008

with 1/2"-13 thread



Clamping nut for use with above extension 3/8"-24 thread, to mount grinding wheels with 5/8" arbor

08-B 007



Mounting flange to mount 4" type 27 grinding wheels on air grinders

with 3/8"-24 spindle

08-B 004



Cutting guard

Designed to make all cutting operations even safer.

Size **Order No.**

3" 30-B 051

4 1/2" 30-B 062

5" 30-B 063

6" 30-B 064

7" 30-B 065

9" 30-B 066



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, WHMIS information and directions for use.



Description	Size		Order No.	Std. Pkg.
	Metric	US Gal		
E-Weld	950 ml	32.1 oz	53-L 321	1
E-Weld 3	950 ml	32.1 oz	53-L 320	1
E-Weld 4	950 ml	32.1 oz	53-L 338	1

We would like to thank all of our end-users who allowed us to perform photo shoots at their locations

Photography: Studio Graetz
Design: Sylvain Sauvé Branding

ARTITALIA | VALTECH



PRODUCT LISTING

Order No.	Description	Page	Order No.	Description	Page
01A004	1/16 SST JOBBER QCK SHANK	121	01B504	#4 SST JOBBER DRILL	124
01A005	5/64 SST JOBBER QCK SHANK	121	01B505	#5 SST JOBBER DRILL	124
01A006	3/32 SST JOBBER QCK SHANK	121	01B506	#6 SST JOBBER DRILL	124
01A007	7/64 SST JOBBER QCK SHANK	121	01B507	#7 SST JOBBER DRILL	124
01A008	1/8 SST JOBBER QCK SHANK	121	01B508	#8 SST JOBBER DRILL	124
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01W012	1/4-1 1/8 MULTI-STEP DRILL	130	03B076	7/16-20NF BOTT HS TAPS	133
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02C040	1/4NPT CARB PIPE TAPS	134	03B093	9/16-12NC BOTT HS TAPS	133
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02C200	1-1/4NPT CARB PIPE TAPS	134	03B102	5/8-11NC PLUG HS TAPS	133
02C240	1-1/2NPT CARB PIPE TAPS	134	03B103	5/8-11NC BOTT HS TAPS	133
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05B400	1"X2 ICECUT	140
05B401	1-1/16X2 ICECUT	140
05B402	1-1/8X2 ICECUT	140
05B403	1-3/16X2 ICECUT	140
05B404	1-1/4X2 ICECUT	140
05B405	1-5/16X2 ICECUT	140
05B406	1-3/8X2 ICECUT	140
05B407	1-7/16X2 ICECUT	140
05B408	1-1/2X2 ICECUT	140
05B409	1-9/16X2 ICECUT	140
05B410	1-5/8X2 ICECUT	140
05B412	1-3/4X2 ICECUT	140
05B413	1-13/16X2 ICECUT	140
05B414	1-7/8X2 ICECUT	140
05B415	1-15/16X2 ICECUT	140
05B500	2"X2 ICECUT	140
05B501	2 1/16" x 2" ICECUT	140
05B502	2 1/8" x 2" ICECUT	140
05B503	2 3/16 X 2 ICECUT	140
05B504	2 1/4X 2 ICECUT	140
05B505	2 5/16 X 2 ICECUT	140
05B506	2 3/8 X 2 ICECUT	140
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05D009	9/16X1.5 CARBIDE CORE CUT	141
05D010	5/8X1.5 CARBIDE CORE CUT	141
05D011	11/16X1.5 CARBIDE CORE CUT	141
05D012	3/4X1 .5CARBIDE CORE CUT	141
05D013	13/16 X 1.5 CARBIDE CORE CUT	141
05D014	7/8 X 1.5 CARBIDE CORE CUT	141
05D015	15/16 X 1.5 CARBIDE CORE CUT	141
05D100	"1" X 1.5 CARBIDE CORE CUT"	141
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05D104	1-1/4X1.5 CARBIDE CORE CUT	141
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05D109	1-9/16X1.5 CARBIDE CORE CUT	141
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05D113	1-13/16X1.5 CARBIDE CORE CUT	141
05D114	1-7/8X1.5 CARBIDE CORE CUT	141
05D115	1-15/16X1.5 CARBIDE CORE CUT	141
05D200	"2"X1.5 CARBIDE CORE CUT"	141
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05D202	2 1/8 X 1.5 CARBIDE CORE CUT	141
05D308	1/2 X 2 CARBIDE CORE CUT	141
05D309	9/16X2 CARBIDE CORE CUT	141
05D310	5/8X2 CARBIDE CORE CUT	141
05D311	11/16X2 CARBIDE CORE CUT	141
05D312	3/4X2 CARBIDE CORE CUT	141
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05D402	1-1/8X2 CARBIDE CORE CUT	141
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05D405	1-5/16X2 CARBIDE CORE CUT	141
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05D407	1-7/16X2 CARBIDE CORE CUT	141
05D408	1-1/2X2 CARBIDE CORE CUT	141
05D409	1-9/16X2 CARBIDE CORE CUT	141
05D410	1-5/8X2 CARBIDE CORE CUT	141
05D412	1-3/4X2 CARBIDE CORE CUT	141
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05D502	2 1/8 X 2 CARBIDE CORE CUT	141
05D503	2 3 /16 X 2 CARBIDE CORE CUT	141
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05D505	2 5/16 X 2 CARBIDE CORE CUT	141
05D506	2 3/8 X 2 CARBIDE CORE CUT	141
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05E010	5/8" X 1" DEPTH SST CORECUT UNIV. SHANK	139
05E011	11/16"X1" DEPTH SST CORECUT UNIV. SHANK	139
05E012	3/4" X 1" DEPTH SST CORECUT UNIV. SHANK	139
05E013	13/16"X1" DEPTH SST CORECUT UNIV. SHANK	139
05E014	7/8" X 1" DEPTH SST CORECUT UNIV. SHANK	139
05E015	15/16"X1" DEPTH SST CORECUT UNIV. SHANK	139
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05E309	9/16" X 2" DEPTH SST CORECUT UNIV. SHANK	139
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05E311	11/16"X2" DEPTH SST CORECUT UNIV. SHANK	139
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05E314	7/8"X2" DEPTH SST CORECUT UNIV. SHANK	139
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05E403	1-3/16" X 2" DEPTH SST CORECUT UNIV. SHANK	139
05E404	1-1/4" X 2" DEPTH SST CORECUT UNIV. SHANK	139
05E405	1-5/16" X 2" DEPTH SST CORECUT UNIV. SHANK	139
05E406	1-3/8" X 2" DEPTH SST CORECUT UNIV. SHANK	139
05E407	1-7/16" X 2" DEPTH SST CORECUT UNIV. SHANK	139
05E408	1-1/2" X 2" DEPTH SST CORECUT UNIV. SHANK	139
05E409	1-9/16" X 2" DEPTH SST CORECUT UNIV. SHANK	139
05F007	7/16"X1" DEPTH ICECUT UNIV. SHANK	140
05F008	1/2"X1" DEPTH ICECUT UNIV. SHANK	140
05F009	9/16"X1" DEPTH ICECUT UNIV. SHANK	140
05F010	5/8"X1" DEPTH ICECUT UNIV. SHANK	140
05F011	11/16"X1" DEPTH ICECUT UNIV. SHANK	140
05F012	3/4"X1" DEPTH ICECUT UNIV. SHANK	140
05F013	13/16"X1" DEPTH ICECUT UNIV. SHANK	140
05F014	7/8"X1" DEPTH ICECUT UNIV. SHANK	140
05F015	15/16"X1" DEPTH ICECUT UNIV. SHANK	140
05F100	1"X1" DEPTH ICECUT UNIV. SHANK	140
05F101	1-1/16"X1" DEPTH ICECUT UNIV. SHANK	140
05F102	1-1/8"X1" DEPTH ICECUT UNIV. SHANK	140
05F103	1-3/16"X1" DEPTH ICECUT UNIV. SHANK	140
05F104	1-1/4"X1" DEPTH ICECUT UNIV. SHANK	140
05F105	1-5/16"X1" DEPTH ICECUT UNIV. SHANK	140
05F106	1-3/8"X1" DEPTH ICECUT UNIV. SHANK	140
05F107	1-7/16"X1" DEPTH ICECUT UNIV. SHANK	140
05F108	1-1/2"X1" DEPTH ICECUT UNIV. SHANK	140
05F307	7/16"X2" DEPTH ICECUT UNIV. SHANK	140
05F308	1/2"X2" DEPTH ICECUT UNIV. SHANK	140
05F309	9/16"X2" DEPTH ICECUT UNIV. SHANK	140
05F310	5/8"X2" DEPTH ICECUT UNIV. SHANK	140
05F311	11/16"X2" DEPTH ICECUT UNIV. SHANK	140
05F312	3/4"X2" DEPTH ICECUT UNIV. SHANK	140
05F313	13/16"X2" DEPTH ICECUT UNIV. SHANK	140
05F314	7/8"X2" DEPTH ICECUT UNIV. SHANK	140
05F315	15/16"X2" DEPTH ICECUT UNIV. SHANK	140
05F400	1"X2" DEPTH ICECUT UNIV. SHANK	140
05F401	1-1/16"X2" DEPTH ICECUT UNIV. SHANK	140
05F402	1-1/8"X2" DEPTH ICECUT UNIV. SHANK	140

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05F404	1-1/4"X2" DEPTH ICECUT UNIV. SHANK	140
05F405	1-5/16"X2" DEPTH ICECUT UNIV. SHANK	140
05F406	1-3/8"X2" DEPTH ICECUT UNIV. SHANK	140
05F407	1-7/16"X2" DEPTH ICECUT UNIV. SHANK	140
05F408	1-1/2"X2" DEPTH ICECUT UNIV. SHANK	140
05H008	1/2X1" DEPTH CARBIDE CORE CUT UNIV. SHANK	141
05H009	9/16X1" DEPTH CARBIDE CORE CUT UNIV. SHANK	141
05H010	5/8"X1" DEPTH CARBIDE CORE CUT UNIV. SHANK	141
05H011	11/16"X1" DEPTH CARBIDE CORE CUT UNIV. SHANK	141
05H012	3/4"X1" DEPTH CARBIDE CORE CUT UNIV. SHANK	141
05H013	13/16"X1" DEPTH CARBIDE CORE CUT UNIV. SHANK	141
05H014	7/8"X1" DEPTH CARBIDE CORE CUT UNIV. SHANK	141
05H015	15/16"X1" DEPTH CARBIDE CORE CUT UNIV. SHANK	141
05H100	1"X1" DEPTH CARBIDE CORE CUT UNIV. SHANK	141
05H101	1-1/16"X1" DEPTH CARBIDE CORE CUT UNIV. SHANK	141
05H102	1-1/8"X1" DEPTH CARBIDE CORE CUT UNIV. SHANK	141
05H103	1-3/16"X1" DEPTH CARBIDE CORE CUT UNIV. SHANK	141
05H104	1-1/4"X1" DEPTH CARBIDE CORE CUT UNIV. SHANK	141
05H105	1-5/16"X1" DEPTH CARBIDE CORE CUT UNIV. SHANK	141
05H106	1-3/8"X1" DEPTH CARBIDE CORE CUT UNIV. SHANK	141
05H107	1-7/16"X1" DEPTH CARBIDE CORE CUT UNIV. SHANK	141
05H108	1-1/2"X1" DEPTH CARBIDE CORE CUT UNIV. SHANK	141
05H308	1/2"X2" DEPTH CARBIDE CORE CUT UNIV. SHANK	141
05H309	9/16"X2" DEPTH CARBIDE CORE CUT UNIV. SHANK	141
05H310	5/8"X2" DEPTH CARBIDE CORE CUT UNIV. SHANK	141
05H311	11/16"X2" DEPTH CARBIDE CORE CUT UNIV. SHANK	141
05H312	3/4"X2" DEPTH CARBIDE CORE CUT UNIV. SHANK	141
05H313	13/16"X2" DEPTH CARBIDE CORE CUT UNIV. SHANK	141
05H314	7/8"X2" DEPTH CARBIDE CORE CUT UNIV. SHANK	141
05H315	15/16"X2" DEPTH CARBIDE CORE CUT UNIV. SHANK	141
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05H401	1-1/16"X2" DEPTH CARBIDE CORE CUT UNIV. SHANK	141
05H402	1-1/8"X2" DEPTH CARBIDE CORE CUT UNIV. SHANK	141
05H403	1-3/16"X2" DEPTH CARBIDE CORE CUT UNIV. SHANK	141
05H404	1-1/4"X2" DEPTH CARBIDE CORE CUT UNIV. SHANK	141
05H405	1-5/16"X2" DEPTH CARBIDE CORE CUT UNIV. SHANK	141
05H406	1-3/8"X2" DEPTH CARBIDE CORE CUT UNIV. SHANK	141
05H407	1-7/16"X2" DEPTH CARBIDE CORE CUT UNIV. SHANK	141
05H408	1-1/2"X2" DEPTH CARBIDE CORE CUT UNIV. SHANK	141
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05Z013	#3 MORSE TAPER SHANK ADAPTOR	142
05Z014	FEIN ADAPTER	142
05Z015	NITTO ADAPTER	142
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05Z020	CENTER PIN 1-1/2",larger than3/4" dia.	142
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05Z022	CENTER PIN 2",larger than3/4" dia.	142
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06A512	5 X 7/8 ENDUROFLEX TURBO	71
06A602	6 X 5/8-11 ENDUROFLEX TURBO	71
06A712	7" X 7/8" ENDUROFLEX TURBO	71
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06B456	4-1/2 GR60 ENDURO-FLEX	68
06B458	4-1/2 GR80 ENDURO-FLEX	68
06B462	4-1/2 GR120 ENDURO-FLEX	68
06B504	5" GR40 ENDURO-FLEX	68
06B506	5" GR60 ENDURO-FLEX	68
06B508	5" GR80 ENDURO-FLEX	68
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06B604	6" GR40 ENDURO-FLEX	68
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06F462	4-1/2 GR120 ENDURO-FLEX-ST	69
06F504	5" GR40 ENDURO-FLEX-ST	69
06F506	5" GR60 ENDURO-FLEX-ST	69
06F508	5" GR80 ENDURO-FLEX-ST	69
06F512	5" GR120 ENDURO-FLEX-ST	69
06F604	6" GR40 ENDURO-FLEX-ST	69
06F606	6" GR60 ENDURO-FLEX-ST	69
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07A100	6X9 BLENDX PAD-MAROON	84
07A200	6X9 BLENDX PAD-GREY	84
07A300	6X9 BLENDX PAD-TAN	84
07A400	6X9 BLENDX PAD-GREEN	84
07A500	6X9 BLENDX PAD-WHITE	84
07B104	4"X30' BLENDX ROLL-MAROON	84
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07B304	4"X30' BLENDX ROLL-TAN	84
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07C006	EXTENSION 5/8"-11 /FX	103
07D032	1/2X18 BLENDX PLUS-COARSE	96
07D033	1/2X18 BLENDX PLUS-MEDIUM	96
07D034	1/2X18 BLENDX PLUS-V-FINE	96
07D052	1/2X24 BLENDX PLUS-COARSE	96
07D053	1/2X24 BLENDX PLUS-MEDIUM	96
07D054	1/2X24 BLENDX PLUS-VFINE	96
07D102	3/4X18 BLENDX PLUS-COARSE	96
07D103	3/4X18 BLENDX PLUS-MEDIUM	96
07D104	3/4X18 BLENDX PLUS-VFINE	96
07D122	3/4X24 BLENDX PLUS-COARSE	96
07D123	3/4X24 BLENDX PLUS-MEDIUM	96
07D124	3/4X24 BLENDX PLUS-VFINE	96
07D152	30X1-1/2" BLENDX BELT-COARSE	95
07D153	30X1-1/2" BLENDX BELT-MEDIUM	95
07D154	30X1-1/2" BLENDX BELT- FINE	95
07F002	BELT DRIVE ROLLER	92
07F013	VALVE ASSEMBLY	91
07F014	HAND PUMP	91
07F037	3-1/2" DRUM-SOFT / 5/8-11	91
07F051	5-1/4" DRUM-SOFT / 5/8-11	91
07F093	3-1/2" REPL. BLADDER	91
07F095	5-1/4" REPL. BLADDER	91
07F364	3.5"X15.5" GR40 DRUM BELT	91
07F366	3.5"X15.5" GR60 DRUM BELT	91
07F368	3.5"X15.5" GR80 DRUM BELT	91
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07F506	5-3/8" GR60 DRUM BELT	91
07F508	5-3/8" GR80 DRUM BELT	91
07F511	5-3/8" GR120 DRUM BELT	91
07H242	BLENDX STRIP BELT-COARSE	92
07H243	BLENDX STRIP BELT-MEDIUM	92
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07H502	5-3/8" BLENDX DRUM BELT/C	91
07H503	5-3/8" BLENDX DRUM BELT/M	91
07H504	5-3/8" BLENDX DRUM BELT/F	91
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07J426	4-1/4X2 GR.60 FLAP DRUM	89
07J428	4-1/4X2 GR.80 FLAP DRUM	89
07J432	4-1/4X2 GR.120 FLAP DRUM	89
07J444	4-1/4X4 GR.40 FLAP DRUM	89
07J446	4-1/4X4 GR.60 FLAP DRUM	89
07J448	4-1/4X4 GR.80 FLAP DRUM	89
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07K442	4-1/4X4" TWO-IN-ONE DRUM	89	07T534	5-3/8" HIGH POLISH DRUM BELT	90
07L420	4X2" FX DRUM	93	07T536	5-3/8" INSTANT POLISH DRUM BELT	92
07L422	4X2" FX DRUM	93	07T600	6" QUICK STEP FELT DISC	101
07L440	4X4" FX DRUM	93	07T602	6" X 1/5" X 7/8" FELT WHEEL	105
07L441	4X4" FX DRUM	93	07T604	6" QS HIGH POLISH DISC	101
07L442	4X4" FX DRUM	93	07T700	7" QUICK STEP FELT DISC	101
07M411	4-1/2 HD BLENDEX DRUM	90	07T704	7" QS HIGH POLISH DISC	101
07M422	4-1/2X2BLENDEX DRUM-COARSE	90	07T901	WHITE POLISHING PASTE	95
07M423	4-1/2X2" BLENDEX DRUM-MED	90	07T905	MIRROR-FINISH PASTE/BLUE	95
07M424	4-1/2X2X5/8-11 BLENDEX DRUM-FINE	90	07T907	INSTANT POLISH PASTE	95
07M425	4-1/2X2X5/8-11 BLENDEX DRUM-SF	90	07U101	BLENDEX-U, 3/8 x 1-1/4 x 1/4, 2SF	102
07M442	4-1/2X4BLENDEX DRUM-COARSE	90	07U102	BLENDEX-U, 3/8 x 1-1/4 x 1/4, 6SF	102
07M443	4-1/2X4" BLENDEX DRUM-MED	90	07U103	BLENDEX-U, 3/8 x 1-1/4 x 1/4, 6AM	102
07M444	4-1/2X4" BLENDEX DRUM-FINE	90	07U321	3X1/4X3/8 BLENDEX U, 2SF	102
07M445	4-1/2X4" BLENDEX DRUM-SFINE	90	07U322	3X1/4X3/8 BLENDEX U, 6SF	102
07M446	4-1/2 HG BLENDEX DRUM	90	07U323	3X1/4X3/8 BLENDEX U, 6AM	102
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07Q044	4" QS BACKING PAD 5/8"-11	98	07U501	5"x5/8"-11 BLENDEX U CUP	102
07Q045	4-1/2" QS INTERFACE PAD	100	07U611	6X1X1 BLENDEX U, 2SF	102
07Q049	4-1/2" QS PAD 5/8"-11	98	07U612	6X1X1 - BLENDEX U, 6SF	102
07Q050	5" QS INTERFACE PAD	100	07U613	6X1X1 - BLENDEX U, 6AM	102
07Q054	5" QS PAD 5/8"-11	98	07U615	6" x 1/6" x 7/8" BLENDEX U TURBO	104
07Q060	6" QS INTERFACE PAD DISC	100	07U621	6X1/4X1 BLENDEX U, 2SF	102
07Q064	6" QS BACKING PAD 5/8"-11	98	07U622	6X1/4X1 BLENDEX U, 6SF	102
07Q070	7" QS INTERFACE PAD DISC	100	07U623	6X1/4X1 BLENDEX U, 6AM	102
07Q074	7" QS BACKING PAD 5/8"-11	98	07U625	6X1/4X7/8 BLENDEX U TURBO	104
07Q149	4-1/2" QS MG PAD 5/8"-11	98	07U651	6X1/2X1 BLENDEX U, 2SF	102
07Q154	5" QS MG BACKING PAD	98	07U652	6X1/2X1 - BLENDEX U, 6SF	102
07Q164	6" QS MG BACKING PAD	98	07U653	6X1/2X1 - BLENDEX U, 6AM	102
07Q174	7" QS MG BACKING PAD	98	07X003	8MM X 1/2 MANDREL /4" FX	103
07Q454	4-1/2 GR40 QS FLAP DISC	99	07X004	1/4 X 1/2 MANDREL/4" FX	103
07Q456	4-1/2 GR60 QS BLENDER DISC	99	07X005	8MM X 1/2 MANDREL / 6" FX	103
07Q458	4-1/2 GR80 QS FLAP DISC	99	07X006	1/4 X 1/2 MANDREL/6" FX	103
07Q462	4-1/2 GR120 QS FLAP DISC	99	07X120	2 x 1" FX MOUNTED	103
07Q504	5" GR40 QS FLAP DISC	99	07X450	4-1/2X3/4X5/8-11 FX CUP WHEEL	103
07Q506	5" GR60 QS FLAP DISC	99	07X505	5"x3/4X5/8-11 FX CUP WHEEL	103
07Q508	5" GR80 QS FLAP DISC	99	07X640	4X1/2" FX CLEANING WHEEL	103
07Q512	5" GR120 QS FLAP DISC	99	07X660	6X1/2" FX CLEANING WHEEL	103
07Q604	6" GR40 QS FLAP DISC	99	07X661	FX STAINLESS CLEANING WHEEL 6"x1/2"x7/8"	104
07Q606	6" GR60 QS FLAP DISC	99	07X662	FX STAINLESS CLEANING WHEEL 6"x1/4"x7/8"	104
07Q608	6" GR80 QS FLAP DISC	99	07X845	4-1/2 QUICK-STEP FX DISC	99
07Q612	6" GR120 QS FLAP DISC	99	07X860	6X5/8" QUICK-STEP FX DISC	99
07Q953	QUICK-STEP TRIAL PACK-5/8"	104	07Z005	SPACER/WASHER-14MM SPINDLE	100
07R450	4-1/2" QS BLENDEX - XCOARSE	101	08B001	THROW-AWAY ADAPTORS-1/4"	170
07R452	4-1/2" QS BLENDEX/COARSE	101	08B002	THROW-AWAY ADAPTORS-1/8"	170
07R453	4-1/2" QS BLENDEX/MEDIUM	101	08B003	THROW-AWAY ADAPTORS-1/2"	170
07R454	4-1/2" QS BLENDEX/FINE	101	08B004	3/8"-24 MOUNTING FLANGE	172
07R455	4-1/2" QS BLENDEX/S FINE	101	08B005	EXTENSION 7/16-20 X 3/8-24	172
07R500	5" QS BLENDEX - XCOARSE	101	08B006	EXTENSION 3/8-24 X 3/8-24	172
07R502	5" QS BLENDEX/COARSE	101	08B007	3/8"-24 CLAMPING NUT	172
07R503	5" QS BLENDEX/MEDIUM	101	08B008	EXTENSION 5/8-11 X 1/2-13	172
07R504	5" QS BLENDEX/FINE	101	08B009	EXTENTION/07F037	91
07R600	6" QS BLENDEX - XCOARSE	101	08B031	REUSABLE ADAPTOR KIT	170
07R602	6" QS BLENDEX/COARSE	101	08B310	3X1/4X3/8 HP GR WHEELS	52
07R603	6" QS BLENDEX/MEDIUM	101	08B312	3X1/8X3/8 HP GR WHEELS	53
07R604	6" QS BLENDEX/FINE	101	08B400	4X1/4X5/8 HP GR WHEELS	52
07R700	7" QS BLENDEX - XCOARSE	101	08B402	4X1/8X5/8 HP COMBO WHEEL	53
07R702	7" QS BLENDEX/COARSE	101	08B410	4X1/4X3/8 HP GR WHEELS	52
07R703	7" QS BLENDEX/MEDIUM	101	08B412	4X1/8X3/8 HP GR WHEELS	53
07R704	7" QS BLENDEX/FINE	101	08B450	4-1/2X1/4 HP SPIN-ON GR WHEELS	52
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07T225	FELT T-LOCK BELT	92	08B460	4-1/2X1/4X7/8 HP GR WHEELS	52
07T334	3-1/2" HIGH POLISH DRUM BELT	90	08B462	4-1/2X1/8X7/8 HP COMBO WHEEL	53
07T336	3-1/2" INSTANT POLISH DRUM BELT	92	08B500	5X1/4 HP SPIN-ON GR WHEELS	52
07T425	4-3/4X2X5/8" BUFFING DRUM	90	08B501	5X1/4 HP TYPE 28 SPIN-ON	52
07T427	4-3/4X2X5/8" SOFT BUFFING DRUM	90	08B502	5X1/8 HP SPIN-ON COMBO WHEEL	53
07T450	4-1/2"QUICK STEP FELT DISC	101	08B510	5X1/4 X7/8 HP GR WHEELS	52
07T454	4-1/2"QS HIGH POLISH DISC	101	08B512	5X1/8X7/8 HP COMBO WHEEL	53
07T456	4-1/2"QS INSTANT POLISH DISC	101	08B600	6X1/4 HP GR WHEELS	52
07T457	4-1/2 INSTANT POLISH DISC PKS OF 2	101	08B602	6X1/8 HP COMBO WHEEL	53
07T504	5" QS HIGH POLISH DISC	101	08B630	6" X 1/4" X 5/8-11 HP SPIN-ON	52
07T505	5 X 5/8-11 FELT CUP DISC	102	08B632	6" x 1/8" x 5/8-11 HP SPIN-ON	53
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08C502	5 X 1/8 ALLSTEEL WHEEL	55
08C600	6 X 1/4 ALLSTEEL WHEEL	55
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08F450	4-1/2X1/4 A30SS SPIN-ON WHEELS	56
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08F500	5X1/4 A30SS SPIN-ON GR WHEELS	56
08F501	5X1/4 TYPE 28 SS SPIN-ON	56
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08F510	5X1/4X7/8 A30SS GR WHEELS	56
08F512	5X1/8X7/8 A30SS ST ST WHEELS	56
08F600	6X1/4 A30SS GR WHEELS	56
08F602	6X1/8 A30SS ST ST WHEELS	56
08F700	7X1/4 A30SS DEP CTR WHEELS	56
08F702	7X1/8 A30SS DEP CTR WHEEL	56
08F900	9X1/4 A30SS DEP CTR WHEELS	56
08F902	9X1/8 A30SS DEP CTR WHEEL	56
08H450	4-1/2X1/4X7/8 ALLSTEEL XX	55
08H452	4-1/2X1/8X7/8 ALLSTEEL XX	55
08H500	5X1/4X7/8 ALLSTEEL XX	55
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SAFETY FIRST

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

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

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

SAFEST AND MOST EFFECTIVE WORK METHODS



GRINDING

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



FLEXCUT

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



FLAP DISCS

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



SANDING DISCS

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



CUT-OFF WHEELS

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



FLAP WHEELS

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



WIRE BRUSHES

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

STORAGE TIPS FOR ABRASIVE PRODUCTS

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

SAFETY SEMINAR

Walter offers free in-plant safety seminars to promote the safe use of abrasives. Reserve your safety seminar today by calling: **1-888-592-5837**.

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