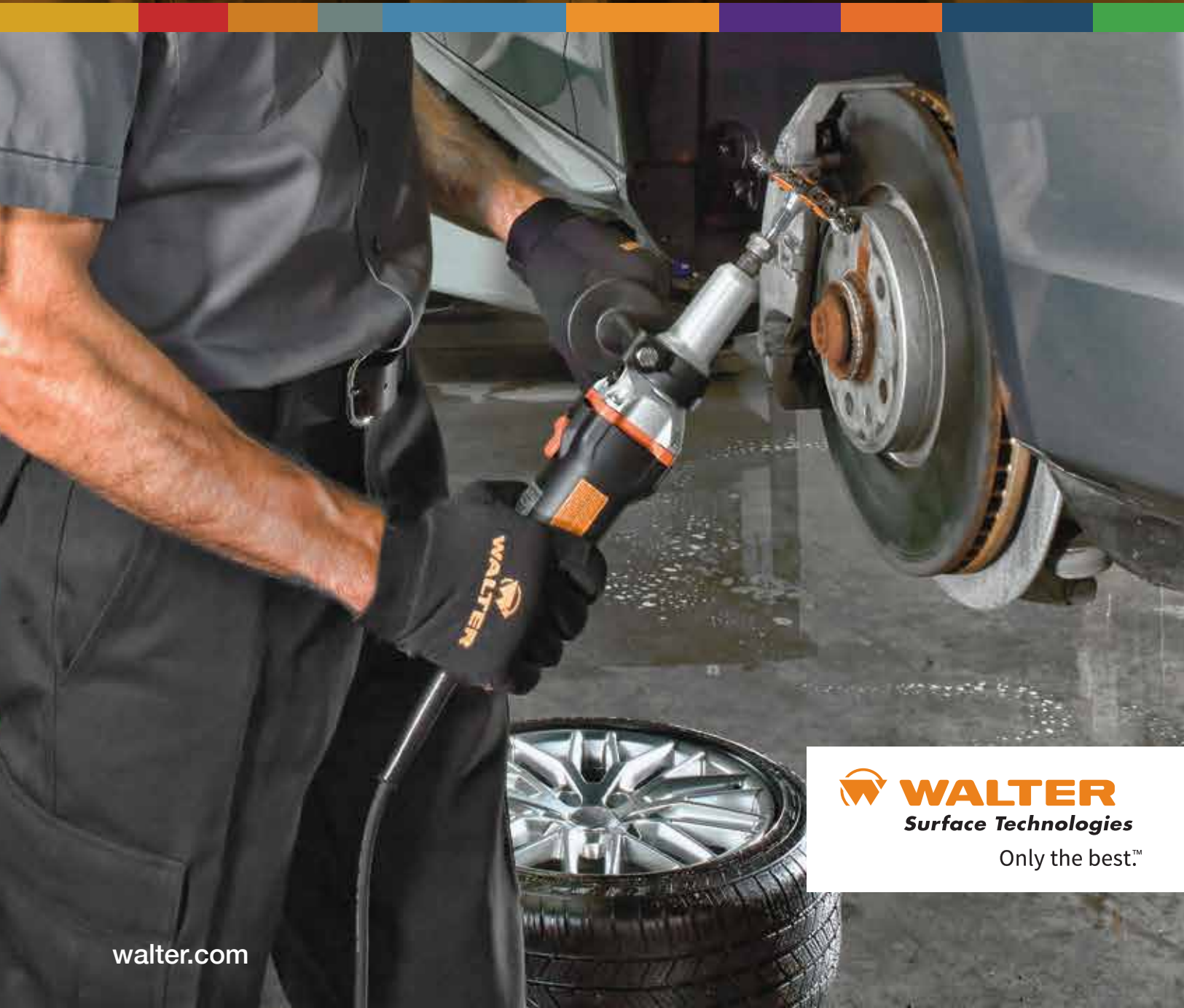


2019

TOP GEAR

Innovative repair, maintenance and overhaul solutions
for today's automotive service industry



WALTER
Surface Technologies

Only the best.™



WALTER HELPS YOU WORK BETTER

Walter Surface Technologies provides high productivity abrasives, power tools, tooling and chemical solutions to the automotive aftermarket.

We help our customers work better and safer through our Partnership in Productivity program, which encompasses our Bucket Program, Productivity Reports, Safety Seminars and Product Demonstrations.

Performance and productivity

Since 1952, we've continuously improved our customer support capabilities, locally and world-wide. Innovation and the drive to maximize performance and productivity are central to Walter.

Our philosophy is to contribute to your success – by helping you work better with our award-winning products and exceptional support services.

TODAY'S AUTOMOTIVE NEEDS

With advances in prototyping, passenger safety systems and exotic materials, the automotive industry has changed dramatically over the years.

Yet some things stay the same: Today's vehicles need regular maintenance and repairs. Safety and productivity are job one.

The best tools for the job

Whether you're running a small garage or a sophisticated maintenance, repair and overhaul facility, Walter has you covered – under the hood and on the shop floor.

Our solutions make short work of tough, everyday automotive jobs that commonly involve cutting, grinding, lubricating, degreasing and much, much more.

Walter has the tools and the expertise to help you work better, faster and safer.

BECAUSE SAFETY COUNTS

WALTER ICONS LEGEND

Materials

Red for steel



Blue for stainless steels and nickel-based alloys



Green for aluminum and non-ferrous metals



Gold for brass



Black for plastic



Purple for cast iron



Gray for concrete and ductile metal



Charcoal for carbide



Titanium



Dark gray for mill scale



Light gray for hard metal



Wheel grade

Bond type, grain type and grain size

Warning

When using SPIN-ON quick mounting system

Dimensions

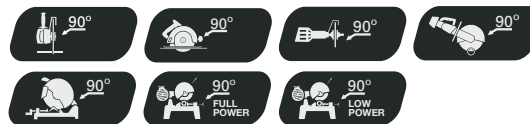
Diameter, thickness, bore

More information

Consult WALTER website for complete safety information

Working angle

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



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



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



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



Type 28 ideal angle is lower than 10°



Type 29 ideal angle is 10°



Simple numbering system

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

Maximum speed

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

Compliance

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

Traceability

Internal code to monitor production for safety

Restrictions

DO NOT use if damaged



NOT suitable for hand-held grinders



NOT suitable for grinding



DO NOT use for wet grinding or cutting



Safety

Eyes, face, ears and lungs protection



Hand protection



Always use safety guard



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01

Cutting



The best cut-off wheels for the automotive aftermarket

TOP PRODUCTS AT A GLANCE

ZIPCUT™

Best cut-off wheel in the industry

ZIP™

Cut and grind on straight grinders

COMBO ZIP™

Cut and deburr with the same wheel

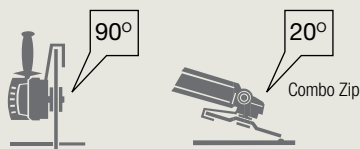
Looking to cut through stubborn exhaust pipes, manifolds, rusty bolts and more? Under the vehicle or under the hood, Walter delivers the highest performance abrasives for tough automotive jobs.

Check out **ZIPCUT™**, the industry's leading cut-off wheel. Fast and cool cutting **ZIPCUT™** cuts straight every time and is reinforced for safety. That's unrivaled value.

Look to Walter's **ZIP™** wheel for straight grinders. It is formulated to run cool and not contaminate stainless steel. Whether cutting or grinding, **ZIP™** preps vehicle parts fast.

Reconditioning vehicle components? Shorten jobs with Walter's **COMBO ZIP™**, which offers fast, safe cutting and deburring with one wheel. Hassle-free. No changes to deburr, notch or bevel after cutting.

WORKING ANGLE



ZIPCUT™

Setting the industry standard for cut-off wheels



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



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	200
5"	3/64" (.045")	7/8"	11-T 152	A-60-ZIP	12,200	25	200



ZIP+ XTRA™

Performance cutting in thicker metal



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



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	200
5"	1/16" (.062")	7/8"	11-T 503	A-36-ZIP	12,200	25	200



COMBO ZIP™

Fast, safe cutting and deburring with one wheel



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	200



ZIP ALU™

Fast and free cutting of aluminum without clogging



Type 1

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



Type 27

Dia.	Thickness	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
4 1/2"	3/64" (.045")	7/8"	11-U 142	A-60-ZIP-ALU	13,300	25	400
5"	3/64" (.045")	7/8"	11-U 152	A-60-ZIP-ALU	12,200	25	400



Cutting

ZIP™

Performance cutting and grinding with straight shaft and die grinders



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
----------------------------------	----------

2" Type 1



Fe-S-CI
<0.1%



Dia.	Thick.	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
2"	1/32"	1/4"	11-L 202	A-24-ZIP	30,600	25	200
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
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

* Can be used for side grinding

2 1/2" Type 1



Fe-S-CI
<0.1%



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

3" Type 1



Fe-S-CI
<0.1%



Dia.	Thick.	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
3"	1/32"	1/4"	11-L 302	A-60-ZIP	25,470	25	200
3"	1/16"	1/4"	11-L 312	A-24-ZIP	25,470	25	200
3"	1/8"	1/4"	11-L 322	A-24-ZIP	25,470	25	200
3"	1/32"	3/8"	11-L 303	A-60-ZIP	25,470	25	200
3"	1/16"	1/4"	11-L 316	A-60-ZIP	25,470	25	200
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

* Can be used for side grinding

4" Type 1



Fe-S-CI
<0.1%



Dia.	Thick.	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
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
4"	1/32"	1/4"	11-L 406	A-24-ZIP	19,100	25	200
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
4"	1/16"	3/8"	11-L 417	A-60-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

* Can be used for side grinding

ZIP™ Type 27



3" and 4" Type 27



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

* 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



Type 1



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

CHOPCUT™

Performance cutting with portable chop saws



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

02

Grinding



A full line of grinding solutions for demanding automotive applications

TOP PRODUCTS AT A GLANCE

HP™

Smooth grinding with an aggressive controlled bite

Cleaning up a muffler weld? Obliterating chassis rust? Walter's grinding solutions take the grind out of grinding – and cutting – so you can get the job done quickly and safely.

Whether you're salvaging brake drums or simply removing excess metal, **HP™** wheels' abrasive grain formula removes metal fast and effortlessly.

HP™ COMBO

Smooth, aggressive, controlled cutting and grinding

HP™ COMBO goes steps further with high performance grinding and cutting capability in a single wheel. **HP™ COMBO** holds its cutting edge longer so you get more cuts per wheel.

ALLSTEEL™ XX

Versatile, reinforced and fast on steel and stainless steel

Mechanics who work on heavy-duty vehicles will appreciate the exceptional capability of **ALLSTEEL™ XX**, our tough, long-lasting wheel with one of the industry's most aggressive removal rates.

WORKING ANGLE



1/4" HP™

High performance and exceptional comfort for everyday grinding



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

1/8" HP COMBO™

High performance cutting and grinding; all in one wheel



1/8" Type 27



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

ALLSTEEL™ XTRA

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



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

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

ALU™

For use on aluminum and other soft metals



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

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

MOUNTED POINTS

Versatile tools for fitting, shaping and enlarging holes



COLORS



Resin bond
for stainless steel

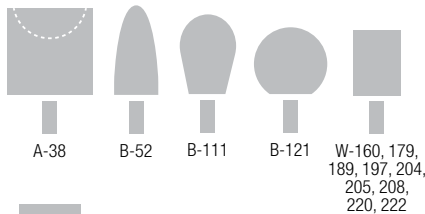
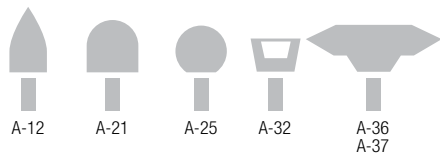
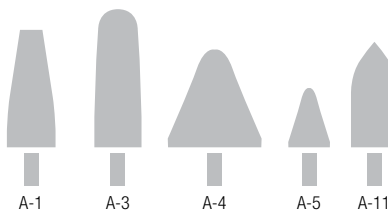


Blue-gray
for mild steel and cast iron



Orange
for tool and high tensile steel

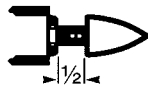
SHAPES



Blue-gray

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

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

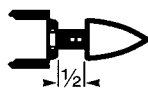


Orange



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-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-14	1 1/16"	7/8"	1/4"	12-D 046	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-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
W-179	3/8"	1 1/4"	1/4"	12-D 591	A60	45,750	1	10
W-197	5/8"	2"	1/4"	12-D 676	A60	21,000	1	10
W-205	3/4"	1"	1/4"	12-D 721	A60	34,500	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

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




MOUNTED POINTS



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

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-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
W-179	3/8"	1 1/4"	1/4"	12-D 593	A36	45,750	1	10
W-197	5/8"	2"	1/4"	12-D 678	A36	21,000	1	10
W-205	3/4"	1"	1/4"	12-D 723	A36	34,500	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

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



BENCH GRINDING WHEELS



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
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

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
8"	1"	1"	12-E 549	80 fine	3,600	1	1

03

Blending



Go beyond stock removal to ultimate blends

TOP PRODUCTS AT A GLANCE

ENDURO-FLEX TURBO™

Fastest flap disc on the market

ENDURO-FLEX 2-IN-1™ TURBO

Versatile and fast finishing disc

FLEXCUT™

*Lets you do more work faster
on curved surfaces*

Flap discs are key to aesthetics in automotive blending jobs, especially weld blending. Additionally, grinding marks are less likely to show through paint, epoxy or other compounds.

Look to the **ENDURO-FLEX TURBO™**, an aggressive flap disc that removes material like a 36 grit but leaves a 60 grit, paint-ready finish, saving valuable time. **ENDURO-FLEX TURBO™** blends welds and breaks edges faster.

Check out the **ENDURO-FLEX 2-IN-1™ TURBO** for ultimate weld blending, on steel, stainless steel, even aluminum. Cyclone™ and Blendex™ technologies ensure high removal rates and smooth finishes.

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.

Refurbishing a brake drum? Working on a transmission bell housing? Look to **FLEXCUT™** for premium stock removal on curved ferrous and non-ferrous metals, without clogging or loading.

WORKING ANGLE



ENDURO-FLEX™

The longest life and highest overall material removal in the industry



ACCESSORIES

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



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

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

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

Always use with flange 30-B 017.

ENDURO-FLEX™ STAINLESS

Guaranteed not to contaminate stainless steel



Type 27S



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

Always use with flange 30-B 017.

ENDURO-FLEX TURBO™

The fastest cutting flap disc on the market



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

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

Always use with flange 30-B 017.

Blending

ERGOFLEX™

When employee safety and ergonomics are top priorities



Type 29



Fe-S-CI
<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
4 1/2"	7/8"	60	15-T 456	13,300	25	200
4 1/2"	7/8"	80	15-T 458	13,300	25	200
5"	7/8"	36	15-T 503	12,200	25	200
5"	7/8"	60	15-T 506	13,000	25	200
5"	7/8"	80	15-T 508	13,000	25	200

Always use with flange 30-B 030.

FLEXCUT™

Premium performance on curved or uneven surfaces



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

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

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

ACCESSORIES

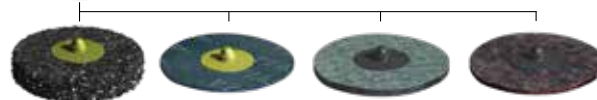
	Order No.	
Backing flange set	30-B 030	
Quick release backing flange	30-B 057	

TWIST™ QUICK-CHANGE SURFACE FINISHING SYSTEM

The system that makes changing discs on air grinders quick and easy



Simply twist any abrasive to the backing pad and start working



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

TWIST™ FLAP DISCS



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

Use with 2" backing pads

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

COLOR CODED FOR EASY IDENTIFICATION

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

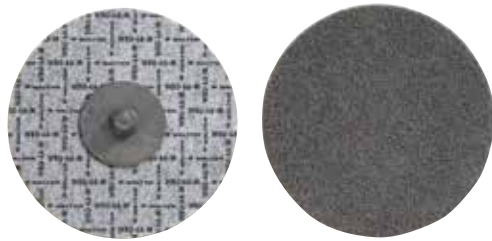


TWIST™ BLENDEX CONDITIONING DISCS



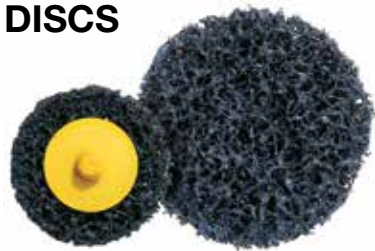
Dia.	Grit	Color	Order No.	Max. RPM	Optimal RPM	Std. Pkg.	Std. Ctn.
2"	COARSE	Tan	04-G 202	30,000	15,000	25	1000
2"	MEDIUM	Maroon	04-G 203	30,000	15,000	25	1000
2"	FINE	Blue	04-G 204	30,000	15,000	25	1000
2"	SUPER FINE	Gray	04-G 205	30,000	15,000	25	1000
3"	COARSE	Tan	04-G 302	28,000	14,000	25	500
3"	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	Gray	04-G 305	28,000	14,000	25	500

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

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™ FELT DISCS



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

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

04

Brushing



Versatile brushing solutions

TOP PRODUCTS AT A GLANCE

Wire cup brushes

Designed to outlast the competition

Saucer cup brushes

Get into the hard-to-reach places

Mounted wire brushes

Industrial power with finesse

Versatile wire brushes. They're great for stripping rust and terrific for cleaning wheel rims, brake pads, rotors – all those detailed garage jobs where precise surface cleaning counts!

When heavy-duty jobs such as deburring, weld cleaning or surface rust removal come up, Walter's **wire cup brushes** deliver top results.

Make **saucer cup brushes** your go-to product for weld cleaning and deburring in those hard-to-reach areas such as inside corners and contours.

Look to Walter **mounted wire brushes** – for cleaning with straight or die grinders – for hard-to-reach areas and heavy-duty jobs such as rust, corrosion and gasket removal.

WORKING ANGLE



WIRE CUP BRUSHES

For angle grinders



When wires are worn down to the ring, simply remove ring to expose more wire.



When wires are worn down to the ring, simply remove ring to expose more wire.

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



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

Crimped with ring



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

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



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 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

WIRE CUP BRUSHES

For angle grinders



When wires are worn down to the ring, simply remove ring to expose more wire.

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

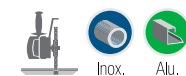


Crimped wire wheel



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

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

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

WIRE WHEEL BRUSHES

For precision cleaning with angle grinders



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

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

SAUCER-CUP BRUSHES

For cleaning hard-to-reach areas



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 75 for special threaded adaptors.

MOUNTED WIRE BRUSHES

For use on die grinders with 1/4" shaft



SPHERICAL



STRAIGHT



CONICAL



WHEEL



CUP

Mounted crimped



Type	Dia.	Width	Order No.	Wire	Max. RPM	Std. Pkg.	Std. Ctn.
Straight	1/2"		13-C 003	.010"	25,000	1	10
Straight	1/2"		13-C 005	.020"	25,000	1	10
Straight	3/4"		13-C 008	.014"	25,000	1	10
Conical	3/4"		13-C 028	.014"	25,000	1	10
Wheel	1 3/8"	1/4"	13-C 110	.008"	25,000	1	10
Wheel	2"	5/8"	13-C 120	.0118"	25,000	1	10
Wheel	3"	1/4"	13-C 123	.0118"	25,000	1	10
Wheel	3"	3/4"	13-C 125	.0118"	25,000	1	10
Wheel	4"	1/4"	13-C 128	.0118"	15,000	1	10
Cup	1 1/2"		13-C 015	.0118"	13,000	1	10
Cup	2 3/8"		13-C 018	.0118"	13,000	1	10
Spherical	1 1/2"	1 1/2"	13-C 215	.008"	20,000	1	10
Spherical	2"	2"	13-C 225	.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"	25,000	1	10
Wheel	3"	3/4"	13-C 175	.0118"	25,000	1	10
Wheel	4"	1/4"	13-C 178	.0118"	15,000	1	10
Cup	1 1/2"		13-C 065	.0118"	13,000	1	10
Cup	2 3/8"		13-C 068	.0118"	13,000	1	10
Spherical	1 1/2"	1 1/2"	13-C 265	.008"	20,000	1	10
Spherical	2"	2"	13-C 275	.01"	20,000	1	10
Spherical	3"	3"	13-C 280	.0118"	15,000	1	10

MOUNTED WIRE BRUSHES

For use on die grinders with 1/4" shaft



STRAIGHT



SAUCER-CUP



WHEEL

Mandrel shown on picture sold separately.



CUP

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).

WIRE WHEEL BRUSHES

For bench and pedestal grinders



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
8"	1/2"	5/8" **	13-B 082	.0118"	4,500	1	10
8"	3/4"	1 1/4" *	13-B 085	.0118"	4,500	1	10
8"	1"	1 1/4" *	13-B 080	.0118"	4,500	1	10

** This brush comes with 1/2" reducer bushings.

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".

Knot-twisted



Dia.	Width	Arbor	Order No.	Wire	Max. RPM	Std. Pkg.	Std. Ctn.
6"	3/8"	5/8" **	13-B 260	.0118"	9,000	1	10
8"	3/8"	5/8" **	13-B 280	.0118"	8,500	1	10

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

05

Sanding



Automotive sanding solutions that drive productivity

TOP PRODUCTS AT A GLANCE

COOLCUT XX™
Aggressive and versatile

TOPCUT™
Aggressive and long lasting

COOLCUT™
General purpose sanding

Whether your next job is light stock removal on brake liners or sanding down a tailgate, Walter has the wheel for you.

Our **COOLCUT XX™** sanding disc removes more material in less time, even when compared to some grinding wheels. Plus, you get six times more total stock removal than aluminum oxide sanding discs. That's productivity.

Check out our aggressive **TOPCUT™** sanding disc for tough jobs on steel and stainless steel. Cooler sanding technology, combined with high-performance zirconia alumina grain, means your metal won't overheat.

It's hard to beat **COOLCUT™** for economical weld blending and steel surface finishing. **COOLCUT™**'s premium aluminum oxide abrasive grain blend ensures high removal rates and great value for money.

WORKING ANGLE



Sanding

COOLCUT XX™

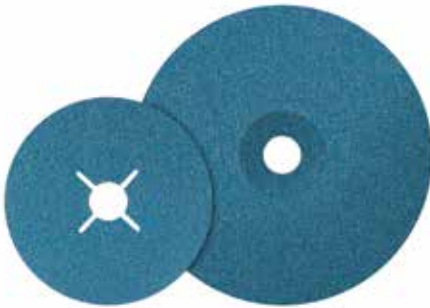
The longest lasting, most aggressive sanding discs



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

TOPCUT™

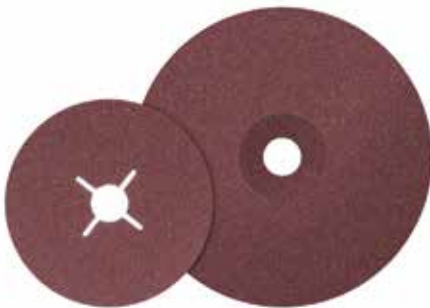
Aggressive removal rate and extended disc life



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

COOLCUT™

General purpose sanding



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

BACKING PAD ASSEMBLIES



- ▷ **Orange (General purpose), high quality and maximum versatility**
- ▷ **Black (Turbo): hard pad for weld blending and high stock removal**
- ▷ **White (Turbo): extra-flexible soft pad for grit 60 and finer**

Dia.	Arbor	Color	Order No.	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	5/8"-11	Orange	15-D 044	13,300	1	10
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	Orange	15-D 054	12,200	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

Other sizes available.

TWO-IN-ONE™ FLAP WHEELS



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"	Polishing*	15-E 168	8,000	5,600	1	10
6"	1"	1 1/4"	Fine	15-E 295	3,600	2,500	1	10

* BLENDEX non-woven material only.

COOLCUT™ FLAP WHEELS

High quality and a consistent finish



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

COOLCUT™ SHOP ROLLS AND SHEETS



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"	80	14-A 908A	5	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"	180	14-A 918A	5	250
9" x 11"	240	14-A 924	25	250
9" x 11"	320	14-A 932	25	250
9" x 11"	320	14-A 932A	5	250
9" x 11"	Assorted pack.*	14-A 990A	5	250

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



BLENDEx™ HAND FINISHING ABRASIVES



Hand pads

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

ACCESSORIES

Hand pad holder

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

Order No. 07-A 001



BLENDEX™ HAND FINISHING ABRASIVES



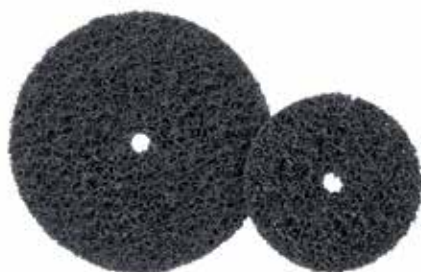
Rolls



Width	Length	Order No.	Color	Type	Std. Pkg.	Std. Ctn.
4"	30'	07-B 104	Maroon	Blending	1	10
4"	30'	07-B 204	Gray	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

FX™ CLEANING ABRASIVES

Quick, easy surface cleaning on all metals



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

FX™ STAINLESS

For cleaning welds on stainless steel



Non-woven abrasives



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

06

ALLSTEEL™

CUTTING
GRINDING
BLENDING
BRUSHING
DEBURRING



All the right stuff for your everyday jobs

TOP PRODUCTS
AT A GLANCE

ALLSTEEL™ CUT-OFF WHEELS

Excellent overall performance

ALLSTEEL™ GRINDING WHEELS

Smooth grinding with less effort

ALLSTEEL™ FLAP DISCS

*Special zirconia alumina grain blend
self-sharpens with less pressure*

Sometimes all you need to get the job done is the right tool at the right price. Nothing more. Nothing less. Now, you can get quality products and superior value to make your work easier, safer and more productive. Every day. **ALLSTEEL™** is all you need to get the job done.

Performance-engineered abrasives for diverse applications

ALLSTEEL™ products are designed and engineered by Walter – the industry's only end-to-end metalworking solutions provider. So you know they're an ideal choice to meet your everyday production needs across a wide range of industries and automotive metalworking applications.

Manufactured using exclusive technology and high-quality grains, **ALLSTEEL™** provides you with the strength, performance and convenience to help you work quickly and safely – while keeping your consumable costs in check.

After all, we know you wouldn't expect anything less.

CUTTING

ALLSTEEL™
CUT-OFF WHEELS



TYPE 1



Dia.	Thickness	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
4 1/2"	3/64" (.045")	7/8"	11-W 042	A-30	13,300	25	400
5"	3/64" (.045")	7/8"	11-W 052	A-30	12,250	25	400

TYPE 27



Dia.	Thickness	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
4 1/2"	3/64" (.045")	7/8"	11-W 142	A-30	13,300	25	200
5"	3/64" (.045")	7/8"	11-W 152	A-30	12,250	25	200

ALLSTEEL™ MINI
CUT-OFF WHEELS



TYPE 1



Dia.	Thick.	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
3"	1/32"	1/4"	11-W 302	A-46	25,470	25	150
3"	1/32"	3/8"	11-W 303	A-46	25,470	25	150
3"	1/16"	1/4"	11-W 312	A-46	25,470	25	150
3"	1/16"	3/8"	11-W 313	A-46	25,470	25	150
4"	1/32"	1/4"	11-W 402	A-46	19,100	25	150
4"	1/32"	3/8"	11-W 403	A-46	19,100	25	150
4"	1/16"	3/8"	11-W 413	A-46	19,100	25	150
4"	1/8"	3/8"	11-W 423	A-46	19,100	25	150

ALLSTEEL™
CHOPSAW WHEELS



TYPE 1



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

ALLSTEEL™
GAS SAW WHEELS



TYPE 1



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

GRINDING

ALLSTEEL™ GRINDING WHEELS



1/8" TYPE 27



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

1/4" TYPE 27



Dia.	Thick.	Arbor	Order No.	Grade	Max RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/4"	7/8"	08-W 450	A-30	13,300	25	100
5"	1/4"	7/8"	08-W 500	A-30	12,200	25	100

BLENDING

ALLSTEEL™ FLAP DISCS



TYPE 27S



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

TYPE 27



Dia.	Thick.	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
6"	7/8"	40	15-W 604	10,200	10	40
6"	7/8"	60	15-W 606	10,200	10	40
6"	7/8"	80	15-W 608	10,200	10	40
6"	7/8"	120	15-W 612	10,200	10	40
7"	7/8"	40	15-W 704	8,600	10	40
7"	7/8"	60	15-W 706	8,600	10	40
7"	7/8"	80	15-W 708	8,600	10	40
7"	7/8"	120	15-W 712	8,600	10	40

BRUSHING
ALLSTEEL™
WIRE BRUSHES

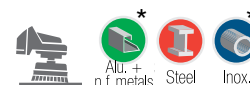


Color-coded hubs for easy identification

	Dark Gray	Carbon Steel
	White	Stainless Steel

WIRE CUP BRUSHES

Crimped



Dia.	Arbor	Order No.	Wire	Max. RPM	Std. Pkg.	Wire type
3"	5/8"-11	13-W 301	.0118"	12,000	1	Steel
3"	5/8"-11	13-W 302	.0118"	12,000	1	304 Stainless
5"	5/8"-11	13-W 501	.014"	8,600	1	Steel

Knot-twisted

Dia.	Arbor	Order No.	Wire	Max. RPM	Std. Pkg.	Wire type
3"	5/8"-11	13-W 311	.02"	12,000	1	Steel
3"	5/8"-11	13-W 312	.02"	12,000	1	304 Stainless

*Only on 304 stainless wire type

WIRE WHEEL BRUSHES

Stringer bead



Dia.	Arbor	Order No.	Wire	Max. RPM	Std. Pkg.	Wire type
4 1/2"	5/8"-11	13-W 461	.02"	15,000	1	Steel
5"	5/8"-11	13-W 561	.02"	15,000	1	Steel
6"	5/8"-11	13-W 661	.02"	10,000	1	Steel
6 7/8"	5/8"-11	13-W 761	.02"	9,000	1	Steel

Knot-twisted

Dia.	Arbor	Order No.	Wire	Max. RPM	Std. Pkg.	Wire type
4 1/2"	5/8"-11	13-W 451	.02"	15,000	1	Steel
5"	5/8"-11	13-W 551	.02"	15,000	1	Steel
6"	5/8"-11	13-W 651	.02"	10,000	1	Steel

SAUCER CUP BRUSHES

Crimped

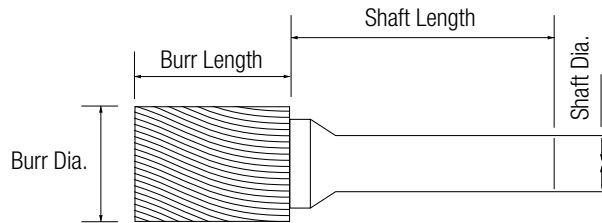


Dia.	Arbor	Order No.	Wire	Max. RPM	Std. Pkg.	Wire type
4"	5/8"-11	13-W 431	.0118"	12,500	1	Steel
5"	5/8"-11	13-W 531	.0118"	10,000	1	Steel

Knot-twisted

Dia.	Arbor	Order No.	Wire	Max. RPM	Std. Pkg.	Wire type
4"	5/8"-11	13-W 441	.02"	20,000	1	Steel
5"	5/8"-11	13-W 541	.02"	15,000	1	Steel

DEBURRING ALLSTEEL™ CARBIDE BURRS



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



Dia. x Length	Shape	Order No.	Shaft Length	Std. Pkg.
3/8" x 3/4"	SA-3	01-W 303	STD	1
1/2" x 1"	SC-5	01-W 308	STD	1
1/2" x 1"	SF-5	01-W 316	STD	1
3/8" x 1 1/4"	SL-3	01-W 336	STD	1
1/2" x 1"	SA-5	01-W 354	STD	1
3/8" x 3/4"	SC-3	01-W 361	STD	1

1/4" shank Ø, double cut



Dia. x Length	Shape	Order No.	Shaft Length	Std. Pkg.
1/4" x 5/8"	SA-1	01-W 301	STD	1
3/8" x 3/4"	SA-3	01-W 302	STD	1
1/2" x 1"	SA-5	01-W 304	STD	1
1/4" x 5/8"	SC-1	01-W 305	STD	1
3/8" x 3/4"	SC-3	01-W 306	STD	1
1/2" x 1"	SC-5	01-W 307	STD	1
1/4" x 7/32"	SD-1	01-W 309	STD	1
3/8" x 5/16"	SD-3	01-W 310	STD	1
5/8" x 9/16"	SD-6	01-W 311	STD	1
1/2" x 1"	SG-5	01-W 313	STD	1
3/8" x 3/4"	SF-3	01-W 314	STD	1
1/2" x 1"	SF-5	01-W 315	STD	1
1/4" x 5/8"	SL-1	01-W 317	STD	1
1/2" x 7/8"	SM-5	01-W 318	STD	1
1/2" x 7/16"	SD-5	01-W 326	STD	1
3/8" x 5/8"	SE-3	01-W 327	STD	1
1/2" x 7/8"	SE-5	01-W 328	STD	1
1/2" x 1 1/4"	SH-5	01-W 330	STD	1
3/8" x 1 1/16"	SL-3	01-W 331	STD	1
1/2" x 1 1/8"	SL-4	01-W 332	STD	1
1/4" x 5/8"	SF-1	01-W 341	STD	1
1/4" x 5/8"	SG-1	01-W 344	STD	1
3/8" x 3/4"	SA-3	01-W 602	L6	1
1/2" x 1"	SA-5	01-W 604	L6	1
3/8" x 3/4"	SC-3	01-W 606	L6	1
1/2" x 1"	SC-5	01-W 607	L6	1
3/8" x 3/4"	SF-3	01-W 614	L6	1
1/2" x 1"	SF-5	01-W 615	L6	1
3/8" x 3/4"	SG-3	01-W 646	L6	1
8-Piece kit		01-W 990	STD	1



ALLSTEEL™ CARBIDE BURRS • SHAPES

SA/SB • CYLINDRICAL



SE • EGG



SH • FLAME



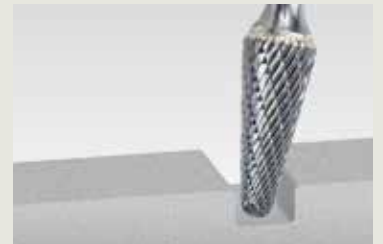
SC • CYLINDRICAL
ROUND NOSE



SF • TREE



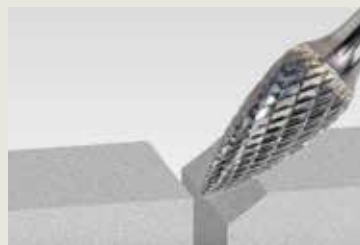
SL • CONE



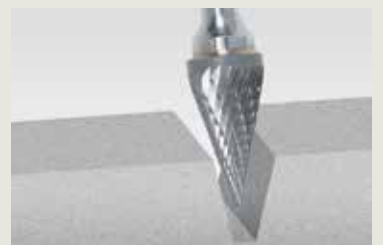
SD • BALL



SG • TAPERED



SM • CONICAL



07

Tooling



A wide range of tooling products for a variety of applications

TOP PRODUCTS AT A GLANCE

CARBIDE BURRS

High performance on intricate jobs

CARBIDE CORE CUT ANNULAR CUTTERS

High performance on hard metals

SST+™ DRILL BITS

Cobalt blend for premium life and performance

Vehicle repairs, refurbishments and refits are rarely straightforward. Walter's exacting standards in tooling eliminate guesswork and maximize efficiency.

Porting a cylinder head? Or any other component entry point? Cut through tough materials fast with Walter's high-grade tungsten carbide burrs. They are absolutely essential in today's automotive tool kits.

Drilling stainless steel, cast iron or tough alloys? Walter's carbide core cut annular cutters outperform conventional HSS cutters at higher speed and feed rates.

Advanced materials is the norm in today's lighter-weight vehicles. That's why Walter's **SST+™** drill bits easily bore through aluminum and virtually all types of steels. Mag drill, press, hand-held drill or otherwise, Walter has the bit for you.

SST™ 118° JOBBERS LENGTH FRACTIONAL

For hand held tools in mild steel



Quick Shank

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

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

SST+™ 135° JOBBERS LENGTH FRACTIONAL

For high tensile steel



Round Shank

Drill Size	Flute Length	Overall Length	Order No.	Std. Pkg.	Std. Ctn.
1/64"	3/16"	13/16"	01-A 501	10	100
1/32"	3/8"	1 3/16"	01-A 502	10	100
3/64"	5/8"	1 1/2"	01-A 503	10	100
1/16"	13/16"	1 11/16"	01-A 504	10	100
5/64"	15/16"	1 15/16"	01-A 505	10	100
3/32"	1 3/16"	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.



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.

SST+™ 135° JOBBERS LENGTH METRIC AND LETTER SIZES

For high tensile steel



Round Shank

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
1.50	20	43	01-D 515	10	100
2.00	24	49	01-D 520	10	100
2.50	30	57	01-D 525	10	100
3.00	33	61	01-D 530	10	100
3.30	36	65	01-D 533	10	100
3.50	39	70	01-D 535	10	100
4.00	43	75	01-D 540	10	100
4.20	43	75	01-D 542	10	100
4.50	47	80	01-D 545	10	100
5.00	52	86	01-D 550	10	100
5.50	57	93	01-D 555	10	100
6.00	57	93	01-D 560	10	100
6.50	63	101	01-D 565	10	100
6.70	63	101	01-D 567	10	100
7.00	69	109	01-D 570	10	100
7.50	69	109	01-D 575	10	100
8.00	75	117	01-D 580	10	100
8.50	75	117	01-D 585	10	100
9.00	81	125	01-D 590	10	100
9.50	81	125	01-D 595	10	100
10.00	87	133	01-D 600	5	50
10.20	87	133	01-D 602	5	50
10.50	87	133	01-D 605	5	50
11.00	94	142	01-D 610	5	50
11.50	94	142	01-D 615	5	50
12.00	101	151	01-D 620	5	50
12.50	101	151	01-D 625	5	50
13.00	101	151	01-D 630	5	50

Packaged in reusable plastic packaging.

Letter sizes

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

Packaged in reusable plastic packaging.

SST+™ 135° 1/2" PRENTICE FRACTIONAL

For hole diameters >1/2", fits in a 1/2" chuck



Three flats Shank

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.

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

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



Round Shank

Drill Size	Flute Length	Overall Length	Order No.	Std. 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 15/16"	01-R 232	5	50
17/32"	4 13/16"	6 5/8"	01-R 234	5	50
9/16"	4 13/16"	6 5/8"	01-R 236	5	50
5/8"	5 3/16"	7 1/8"	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° DOUBLE-ENDED FRACTIONAL AND RIVET SIZES

For thin gauge and sheet metal



Round Shank

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

Other sizes available.

DRILL BIT SETS

Photo	Type	Sizes	Order No.	Qty Inside	Std. Pkg.	Std. Ctn.
A	SST+ 135° Jobbers length round shank, fractional	1/16" to 1/2" by 32nds	01-E 606	15	1	10
B	SST 118° Jobbers length quick shank, fractional/polymer case	1/16" to 1/2" by 64ths	01-E 178	29	1	10
B	SST+ 135° Jobbers length round shank, fractional/polymer case	1/16" to 1/2" by 64ths	01-E 678	29	1	10
B	SST+ 135° 3/8" reduced shank, fractional/polymer case	1/16" to 1/2" by 64ths	01-E 818	29	1	10
C	SST+ 135° Stub length quick shank, fractional/polymer case	1/16" to 1/2" by 64ths	01-E 239	29	1	10
D	SST 118° Jobbers length quick shank, fractional/round case	1/16" to 1/2" by 64ths	01-E 118	29	1	10
D	SST+ 135° Jobbers length round shank, fractional/round case	1/16" to 1/2" by 64ths	01-E 618	29	1	10
E	SST+ 135° Jobbers length round shank, wire gauge	#1 to # 60	01-E 619	60	1	10
F	SST+ 135° Jobbers length round shank, metric	1 mm to 13 mm by 0.5 mm	01-E 625	25	1	10

A



B



C



D



E



F



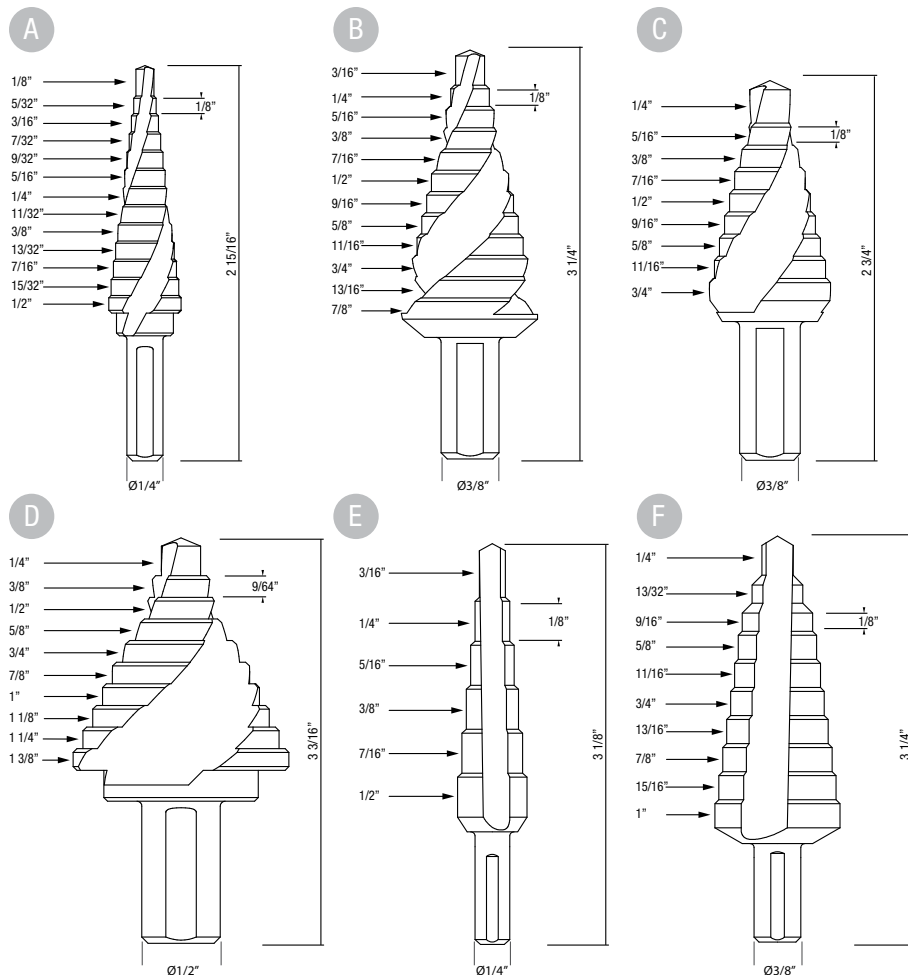
MULTI-STEP™ DRILL BITS

Now with the exclusive ICECUT™ coating



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	STRAIGHT	1/4"	3 1/8"	6	1/8"	9/16", 1/4", 5/16", 3/8", 7/16", 1/2"	1	10
F	01-W 029	STRAIGHT	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	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 105	SPIRAL	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	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 112	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

Packaged in reusable plastic packaging.



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

SST™ HIGH PERFORMANCE POWER TAPS



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

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

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



TAPCUT™

Thread cutting lubricant

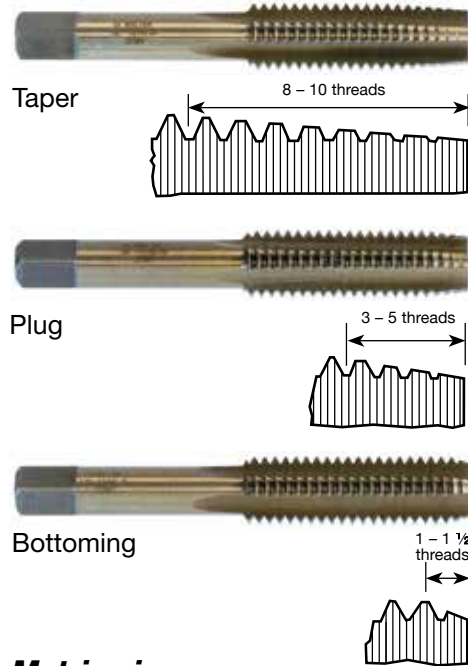
Specially formulated to improve life and tapping speed when working with taps and dies.



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		

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.



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.

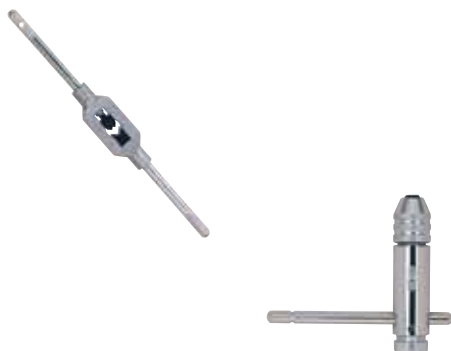
Machine screw and fractional sizes

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.

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

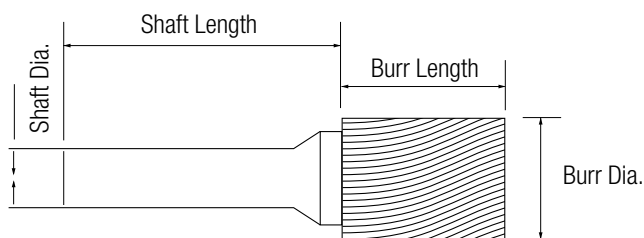
No.	Capacity	Order No.	Std. Pkg.	Std. Ctn.
1-T	6-32 to 1/4"	02-W 100	1	10
2-T	1/4" to 1/2"	02-W 200	1	10

Packaged in reusable plastic packaging.



CARBIDE BURRS

High performance



1/4" shank Ø, 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"	SA-5	01-V 054	1	10
3/8" x 3/4"	SB-3	01-V 058	1	10
1/4" x 5/8"	SC-1	01-V 060	1	10
3/8" x 3/4"	SC-3	01-V 061	1	10
1/2" x 1"	SC-5	01-V 008	1	10
1/2" x 1/2"	SD-5	01-V 063	1	10
1/2" x 7/8"	SE-5	01-V 064	1	10
3/8" x 3/4"	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
1/2" x 1 1/8"	SL-4	01-V 069	1	10

1/4" shank Ø, 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 Ø, 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 021	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

1/4" shank Ø, 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"	SA-6	01-V 055		1	10
Cylindrical (SB)					
1/4" x 5/8"	SB-1	01-V 056		1	10
3/8" x 3/4"	SB-3	01-V 057		1	10
1/2" x 1"	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"	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 3/8"	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"	SG-3	01-V 046	01-V 646	1	10
1/2" x 1"	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"	SK-3	01-V 067		1	10
1/2" x 1/4"	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"	SN-1	01-V 070		1	10
1/4" x 3/4"	SN-2	01-V 071		1	10
1/4" x 1"	SN-4	01-V 072		1	10

SST™ CORE CUT ANNULAR CUTTERS

Guaranteed to outperform all uncoated cutters



ICECUT™ ANNULAR CORE CUTTERS

Guaranteed to drill more holes in less time!



CARBIDE CORE CUT ANNULAR CUTTERS

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



Diameter Inches	mm	Std. Pkg.	1" Cutters Order No.	2" Cutters Order No.
Use with pilot pin			05-Z 001	05-Z 002
7/16"		1		
1/2"	12.7	1	05-A 008	05-A 308
9/16"	14.3	1	05-A 009	05-A 309
5/8"	15.9	1	05-A 010	05-A 310
11/16"	17.5	1	05-A 011	05-A 311
3/4"	19.0	1	05-A 012	05-A 312
13/16"	20.6	1	05-A 013	05-A 313
7/8"	22.2	1	05-A 014	05-A 314
15/16"	23.8	1	05-A 015	05-A 315
1"	25.4	1	05-A 100	05-A 400
1 1/16"	27.0	1	05-A 101	05-A 401

Packaged in reusable plastic packaging.

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

Diameter Inches	mm	Std. Pkg.	1" cutters Order No.	2" cutters Order No.
Use with pilot pin			05-Z 001	05-Z 002
7/16"		1		
1/2"	12.7	1	05-B 008	05-B 308
9/16"	14.3	1	05-B 009	05-B 309
5/8"	15.9	1	05-B 010	05-B 310
11/16"	17.5	1	05-B 011	05-B 311
3/4"	19.0	1	05-B 012	05-B 312
13/16"	20.6	1	05-B 013	05-B 313
7/8"	22.2	1	05-B 014	05-B 314
15/16"	23.8	1	05-B 015	05-B 315
1"	25.4	1	05-B 100	05-B 400
1 1/16"	27.0	1	05-B 101	05-B 401

Packaged in reusable plastic packaging.

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

Diameter Inches	mm	Std. Pkg.	1 1/2" Cutters Order No.	2" Cutters Order No.
Use with pilot pin			05-Z 019	05-Z 021
1/2"	12.7	1	05-D 008	05-D 308
9/16"	14.3	1	05-D 009	05-D 309
5/8"	15.9	1	05-D 010	05-D 310
11/16"	17.5	1	05-D 011	05-D 311
Use with pilot pin			05-Z 020	05-Z 022
3/4"	19.0	1	05-D 012	05-D 312
13/16"	20.6	1	05-D 013	05-D 313
7/8"	22.2	1	05-D 014	05-D 314
15/16"	23.8	1	05-D 015	05-D 315
1"	25.4	1	05-D 100	05-D 400
1 1/16"	27.0	1	05-D 101	05-D 401

Packaged in reusable plastic packaging.

PILOT PINS



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 and ICECUT	1 1/8" - 2" dia.	4"	05-Z 031	1	10
2-piece, SST and ICECUT	1 1/8" - 2" dia.	3"	05-Z 032	1	10
2-piece, SST and ICECUT	1 1/8" - 2" dia.	4"	05-Z 033	1	10
For use with these cutters					
CARBIDE core cutters	1/2" - 1 1/8" 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 1/8" dia.	2"	05-Z 021	1	10
	3/4" - 2 3/8" dia.	2"	05-Z 022	1	10
	2 7/16" - 4" dia.	2"	05-Z 034	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 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 MAGNETIC DRILLING UNITS

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 operations.



TECHNICAL DATA

Order 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™

For deeper, wider holes

Swivel base and electronic speed control allows you to drill safer and faster.



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

Order 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 (1 1/8")	Yes (1 1/8")
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 MAGNETIC DRILLING UNITS

ICECUT 250™

Lightweight, powerful with variable speed

The powerful, intuitive and lightweight ICECUT 250™ is a truly versatile machine, especially for its size.



ICECUT 250P™

Drill faster and easier on pipe-related jobs

The double magnet ICECUT 250P™ sets up fast for pipe applications and is curved surface-ready.



TECHNICAL DATA

Order No.	39-D 250	39-D 251
Watts	1550	1500
Speed	2-speeds + Reversible	2-speeds + Reversible
Dynamax variable speed control	YES	YES
No load RPM	100-500 RPM	100-500 RPM
Rated Current	15 amps	15 amps
Core cutter capacity (diameter)	2 3/8"	2 3/8"
Core cutter capacity (depth)	3" (w/ 2-piece pilot pin)	3" (w/ 2-piece pilot pin)
Twist drill capacity (diameter)	1/2"	1/2"
Tapping function	YES, up to 3/4" - 16	YES, up to 3/4" - 16
Weight	34.1 lbs	39.6 lbs
Swivel and sliding magnet	NO	NO
Max drill point pressure	3035 lbs (1376 kg)	3035 lbs (1376 kg)
Reversible handle	YES, TOOL-FREE press button	YES, TOOL-FREE press button
Powerguard motor overload protection	20A	20A
Powerguard electronic overload protection	27A	27A
Short-Circuit protection	YES, Integrated fuse	YES, Integrated fuse
Accudrill LED torque display	YES, Intergrated Ampmeter	YES, Intergrated ampmeter
Magnetic field sensor	Material & thickness detector	NO (Permanent magnet)
Tool free guard	Metal, sliding	Metal, sliding
Wiring	Internal	Internal
Lubrication	Internal thru feed, on motor head	Internal thru feed, on motor head
Control board	Centered, S/S switches with LEDs	Centered, S/S switches with LEDs
Handle	1 reversible on main housing, 1 pistol grip	1 reversible on main housing, 1 pistol grip
Arbor	Morse Taper 2 shank; 3/4" Weldon	Morse Taper 2 shank; 3/4" Weldon
Maintenance	Easy access to carbon brushes	Easy access to carbon brushes
Total Stroke	5.5"	5.5"

FEATURES

ALL ICECUT™ MAGNETIC DRILLING UNITS



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.



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.



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 (such as carrying the unit by the wire, or the wire catching on an object).



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.



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!



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.



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.



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 such as wood, plastic, or when held in the air.



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.



08

Bio-Circle®
automotive
solutions

Eco-friendly cleaning, degreasing and lubricating products

TOP PRODUCTS
AT A GLANCE

BIO-CIRCLE® MAXI

High performance parts washer

CB 100™

*Natural industrial-strength cleaner
and degreaser*

SC 400™

High strength citrus solvent

Walter's **Bio-Circle®** line offers high-performance, eco-friendly cleaning, degreasing and lubricating solutions. Whether you're running a small garage or a sophisticated maintenance, repair and overhaul unit, **Bio-Circle®** delivers VOC-free products that get the job done.

The **Bio-Circle® MAXI** cleaning and degreasing parts washer is reliable, low maintenance and specially designed for water-based cleaning. When paired with **Bio-Circle® L** or **CB 100™** solutions, our parts washer will transform your degreasing jobs, making them efficient and safe.

Turn tough cleaning jobs such as machine parts, tools, pumps and gears into light work with aerosol-free **SC 400™**. It is specially-formulated with citrus peel extracts and is a fast-acting alternative to petroleum-based solvent cleaners. **SC 400™** easily removes adhesives, glues, sealants, rubber residues, tar, paint, ink, pen marks, grease, lubricants and oils.

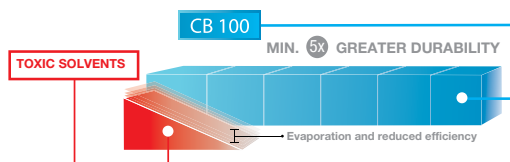
Bio-Renewable and Bio-Remediating solutions

Bio-renewable solutions

Heavy-duty cleaning for removing ink, adhesive, synthetic oils, heavy grease and other tough contaminants. Working exceptionally well at room temperature, these systems only need periodic oil skimming.

Bio-renewable cleaning liquids are powered by Nature Boost™ an exclusive and powerful ingredient derived from plant-based extracts. Bio-renewable solutions keep their full cleaning power over a longer period of time than toxic solvents because the oil separates and floats to the surface, allowing you to skim oils from the top of your tank.

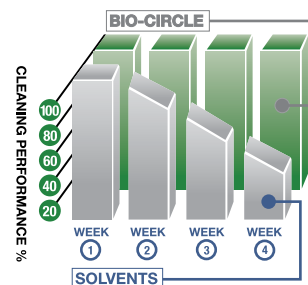
Durability comparison



Bio-remediating solutions

These self-regenerating solutions contain micro-organisms that break down oils and greases into CO₂ and H₂O, with almost ZERO waste products to dispose of.

Our bio-remediating family of cleaners contain live micro-organisms that digest oils and other organic contaminants, turning them into water and carbon dioxide. Bio-remediating liquids maintain their cleaning power over time, an economical and environmental advantage over toxic solvents and weaker water based systems.



Icons legend



Volatile Organic Compounds Free

Consumers today are far more knowledgeable regarding products containing potentially toxic levels of volatile organic compounds, commonly known as VOCs. Paints, stains, and varnishes have long contributed considerably to the prolific release of VOCs, sometimes known as off-gassing. This explains the growing popularity of low-VOC and VOC-free products. Products where you see the VOC-free logo guarantee that they contain no volatile organic compounds.



CAS - Clean Air Solvent Certification

The Clean Air Act Solvent Certification is delivered by the SCAQMD (South Coast Air Quality Management District). They are committed to protect the health of residents in the Orange County and the urban portion of Los Angeles, Riverside and San Bernardino counties (California). Their environmental certification criteria 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. NSF International Nonfood Compounds Registration Program provides beneficial product information to three important stakeholder groups.



Low Energy Surfactant (LES) technology

These unique surfactants can clean and degrease effectively at lower temperatures, thus generating substantial energy savings. Lower the temperature of your automated industrial parts washers today! NOTE: Dilution up to 1:200

BIO-RENEWABLE Solutions

CB 100™

Natural industrial-strength cleaner and degreaser

NSF category C1, registration #148555



Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Sprayer	500 ml	16.9 oz.	53-G 163	L-155	12
Liquid	3.78 L	1 gal	53-G 165	L-155	1
Liquid	20 L	5.2 gal	53-G 167	L-155	1
Liquid	208 L	55 gal	53-G 168	L-155	1
Liquid	1000 L	264 gal	53-G 169	L-155	1

CB 100 ALU™

Natural industrial-strength cleaner and degreaser for non-ferrous alloys



Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Sprayer	500 ml	16.9 fl.oz.	53-G 123	L-158	12
Liquid	3.78 L	1 gal	53-G 125	L-158	1
Liquid	20 L	5.2 gal	53-G 127	L-158	1
Liquid	208 L	55 gal	53-G 128	L-158	1
Liquid	1000 L	264 gal	53-G 129	L-158	1

BIO-REMEDICATING SOLUTIONS

BIO-CIRCLE® L

Bio-remediating parts cleaner and degreaser

NSF category C1, registration #141285



Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Liquid	20 L	5.2 gal	55-A 007	L-78	1
Liquid	200 L	55 gal	55-A 008	L-78	1
Liquid	1000 L	264 gal	55-A 009	L-78	1

BIO-REMIEDIATING Solutions

BIO-CIRCLE® ULTRA

Extra powerful bio-remediating parts cleaner and degreaser

NSF category C1, registration #145549



Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Liquid	20 L	5.2 gal	55-A 107	L-148	1
Liquid	208 L	55 gal	55-A 108	L-148	1
Liquid	1000 L	264 gal	55-A 109	L-148	1

Other available sizes

Can vary depending on the product



1000 L / 264 gal.

208 L / 55 gal.

480 ml / 16.2 oz

BIO-RENEWABLE

Start-up packages

Each start-up package includes the Bio-Circle® MAXI industrial parts washer and ultra-powerful natural cleaning and degreasing solutions.

CLEANBOX MAXI



Included: 6 pails (20L / 5.2 gal.)

CB 100	Order no.: 55-D 615CBP
CB 100 ALU	Order no.: 55-D 615CBAP



Included: 1 drum (208L / 55 gal.)

CB 100	Order no.: 55-D 615CBD
CB 100 ALU	Order no.: 55-D 615CBAD



CLEANBOX DIP MOBILE



Included: 3 pails (20L / 5.2 gal.)

CB 100	Order no.: 55-D 010CBMP
CB 100 ALU	Order no.: 55-D 010CBAM



CLEANBOX DIP



Included: 3 pails (20L / 5.2 gal.)

CB 100	Order no.: 55-D 010CBP
CB 100 ALU	Order no.: 55-D 010CBAP



BIO-REMIEDIATING

Start-up packages

Each start-up package includes the Bio-Circle® MAXI industrial parts washer and safe and efficient BIO-REMIEDIATING cleaning solutions. These Bio-Circle® liquids maintain their cleaning power over time, a clear advantage over solvents.

BIO-CIRCLE® MAXI



Included: 6 pails (20L / 5.2 gal.)

Bio-Circle® L	Order no.: 55-D 600BCLP
Bio-Circle® ULTRA	Order no.: 55-D 600BCUP
Bio-Circle® Aero	Order no.: 55-D 600BCAP



Included: 1 drum (208L / 55 gal.)

Bio-Circle® L	Order no.: 55-D 600BCLD
Bio-Circle® ULTRA	Order no.: 55-D 600BCUD
Bio-Circle® Aero	Order no.: 55-D 600BCAD



INDUSTRIAL

Cleaning and Degreasing

UNO™ S

Concentrated cleaner and degreaser
NSF category A1, registration #142608



Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Liquid, trigger sprayer	500 ml	16.9 oz.	53-G 033	L-143	12
Liquid	3.78 L	1 gal	53-G 035	L-143	1
Liquid	20 L	5.2 gal	53-G 037	L-143	1
Liquid	208 L	55 gal	53-G 038	L-143	1
Liquid	1000 L	264 gal	53-G 039	L-143	1

UNO™ SF

Concentrated foamless cleaner and degreaser
NSF category A1, registration #142609



Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Trigger sprayer	500 ml	16.9 fl.oz.	53-G 023	L-48	12
Liquid	3.78 L	1 gal	53-G 015	L-48	1
Liquid	20 L	5.2 gal	53-G 017	L-48	1
Liquid	208 L	55 gal	53-G 018	L-48	1
Liquid	1000 L	264,6 gal	53-G 019	L-48	1

STAR™ LINE

of cleaners and degreasers
for automated parts washers

STAR™ 200

Automated parts washer, cleaner and degreaser



Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Liquid	20 L	5.2 gal	53-G 067	L-107	1
Liquid	208 L	55 gal	53-G 068	L-107	1
Liquid	1000 L	264 gal	53-G 069	L-107	1

ALUSTAR™ 200

Automated parts washer, cleaner and degreaser for non-ferrous alloys

NSF category A8, registration #145452



Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Liquid	3.78 L	1 gal	53-G 705	L-79	1
Liquid	20 L	5.2 gal	53-G 707	L-79	1
Liquid	208 L	55 gal	53-G 708	L-79	1
Liquid	1000 L	264 gal	53-G 709	L-79	1

ALUSTAR™ 300

Heavy-duty automated parts washer, cleaner and degreaser for non-ferrous alloys

NSF category A8, registration #145453



Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Liquid	20 L	5.2 gal	53-G 757	L-106	1
Liquid	208 L	55 gal	53-G 758	L-106	1
Liquid	1000 L	264 gal	53-G 759	L-106	1

Corrosion Inhibitor

For STAR and UNO family of aqueous cleaners



Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Sprayer	950 ml	32.1 fl.oz.	53-G 001	L-56	1
Liquid	20 L	5.2 gal	53-G 927	L-56	1
Liquid	208 L	55 gal	53-G 928	L-56	1

Defoamer additive

For STAR and UNO family of aqueous cleaners



Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Sprayer	950 ml	32.1 fl.oz.	53-G 002	L-57	1
Liquid	20 L	5.2 gal	53-G 937	L-57	1

E-NOX CLEAN™

High strength stainless steel cleaner
NSF category A3, registration #142614



Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Gel, trigger sprayer	500 ml	16.9 fl.oz.	53-G 303	L-59	12

E-NOX SHINE™

Stainless steel cleaner and protector
NSF category P1, registration #131393



Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Trigger sprayer	500 ml	16.9 fl.oz.	53-G 403	L-102	12
Liquid	3.78 L	1 gal	53-G 405	L-102	1
Liquid	20 L	5.2 gal	53-G 407	L-102	1
Liquid	208 L	55 gal	53-G 408	L-102	1

POWER CLEANER 100™

Rust and mineral remover plus brightener
NSF category A3, registration #141944



Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Trigger sprayer	500 ml	16.9 fl.oz.	53-G 253	L-23	12
Liquid	3.78 L	1 gal	53-G 255	L-23	1
Liquid	20 L	5.2 gal	53-G 257	L-23	1
Liquid	208 L	55 gal	53-G 258	L-23	1

FT 100™

Stainless steel and glass surface cleaner
NSF category A1, registration #154672



Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	400 ml	13.5 oz.	53-G 182	L-172	12
Sprayer	500 ml	16.9 oz.	53-G 183	L-167	12
Liquid	20 L	5.2 gal	53-G 187	L-167	1
Liquid	208 L	55 gal	53-G 188	L-167	1

FT 200™

Fast drying surface preparation cleaner
NSF category A1, registration #142612



Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Liquid, trigger sprayer	500 ml	16.9 oz.	53-G 173	L-128	12
Liquid	20 L	5.2 gal	53-G 177	L-128	1
Liquid	208 L	55 gal	53-G 178	L-128	1

RUST REMOVAL and brightening

BIO-RUST™

Non-caustic rust remover
NSF category A2,
registration #146173



Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Liquid	20 L	5.2 gal	53-G 247	L-134	1
Liquid	208 L	55 gal	53-G 248	L-134	1

ACCESSORIES

Order No.

Spout for 208L plastic
drum 2" NPT

53-L 209

PAINT, INK, GLUE and adhesive cleaning

SC 400™

High strength citrus solvent



Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	400 ml	11.5 fl.oz.	53-G 512	L-171	12
Trigger sprayer	500 ml	16.9 fl.oz.	53-G 513	L-68	12
Liquid	3.78 L	1 gal	53-G 516	L-68	1
Liquid	20 L	5.2 gal	53-G 517	L-68	1
Liquid	200 L	52.8 gal	53-G 518	L-68	1
Liquid	1000L	264 gal	53-G 519	L-68	1

ACCESSORIES

Order No.

Industrial Pump Sprayer
for SC 400

53-L 120

PRO CLEAN™

High strength natural solvent
NSF category K3



Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Trigger sprayer	500 ml	16.9 oz.	53-G 523	L-169	12
Liquid	3.78 L	1 gal	53-G 525	L-169	1
Liquid	20 L	5.2 gal	53-G 527	L-169	1
Liquid	208 L	55 gal	53-G 528	L-169	1

ACCESSORIES

Order No.

Industrial Pump Sprayer
for OMNI
Spout for 208L plastic
drum 2" NPT
Bio-Circle Microfiber/Pack of 10

53-L 120
53-L 209
53-M 001

CLEANING, LUBRICATING and temporary protection

OMNI™

Cleaner/lubricant/protector (CLP)
NSF category A8, registration #142610



Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	480 ml	16.2 fl.oz.	53-X 002	L-73	12
Trigger sprayer	500 ml	16.9 oz.	53-X 003	L-74	12
Liquid	3.78 L	1 gal	53-X 005	L-74	1
Liquid	20 L	5.2 gal	53-X 007	L-74	1
Liquid	208 L	55 gal	53-X 008	L-74	1
Liquid	1000 L	264.6 gal	53-X 009	L-74	1

AIR FORCE AF-OMNI™ start-up packages

Air Force AF-OMNI™ 20 L / 5.3 GAL.

The start-up package includes:

- Use of Air Force OMNI station
- 1 x 53-X 007 OMNI 20 L / 5.3 gal
- 1 x 53-M 058 pail adaptor
- 6 x 53-M 132 refillable bottles
- 6 x 53-M 054 variable spray valves

Order no.: 53-M 012AFOBB



Air Force AF-OMNI™ 208 L / 55 GAL.

The start-up package includes:

- Use of Air Force OMNI station
- 1 x 53-X 008 OMNI 208 L / 55 gal
- 1 x 53-M 038 drum adaptor
- 1 x 53-M 025 safety valve
- 6 x 53-M 132 refillable bottles
- 6 x 53-M 054 variable spray valves

Order no.: 53-M 012AFOD



AF-OMNI™ Refillable sprayer

Durable and lightweight aluminum OMNI sprayer comes with an OMNI specific label to clearly identify the contents and ensure full workplace compliance.

Fill capacity: 400 ml / 13.5 oz

Operating pressure: 90 - 125 psi

Order no.: 53-M 132



Optional nozzles	Order no.
Wide spray	53-M 022
Long extension tube	53-M 052
Short extension tube	53-M 053
Variable spray	53-M 054
Accessories	Order no.
Air refilling station	53-M 010
Air nozzle	53-M 015
Replacement valve kit (includes 2 valves and 2 spray tips)	53-M 030
Brass screw cap	53-M 037
Replacement filling valve	53-M 039
Pail adaptor	53-M 041
Drum adaptor	53-M 038
Safety valve	53-M 025



53-M 010

09

MRO



MRO cleaners, degreasers, penetrants and lubricants

TOP PRODUCTS AT A GLANCE

AIR FORCE AF-PL™

Plastic-safe, fast-evaporating parts degreaser

SLAP SHOT™

Fast evaporating degreaser

OPEN GEAR™

High-load drive lubricant

Business moves fast and keeping vehicles safe and road-ready means today's MRO shops are pushed harder than ever. Walter delivers the eco-friendly solutions you need to keep things moving.

Check out **AIR FORCE AF-PL™**. It removes grease and oil fast and is a cost-effective brake cleaner alternative. Need speed?

SLAP SHOT™ is an effective, fast-evaporating cleaner and degreaser that dissolves and removes grease, oil, and grime on contact. Ideal for prepping surfaces for painting or relubrication.

Gear up. Our drive lubricant, **OPEN GEAR™**, is a long-lasting, high-load gear grease that prevents metal-to-metal contact. It increases efficiency and service life of drives and gears – even in harsh environments.

FAST EVAPORATING Cleaning and Degreasing

SLAP SHOT™

Fast evaporating degreaser
NSF category K1, registration #154299
(Aerosol) #154300 (Liquid)

ACCESSORIES

Spout for 208L metal drum 3/4" NPT 53-L 208
Refillable trigger sprayer bottles 53-M 311

Order No.



Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	500 ml	16.9 fl.oz.	53-C 502	L-39	12
Liquid, trigger sprayer	500 ml	16.9 fl.oz.	53-C 503	L-40	12
Liquid	5 L	1.3 gal	53-C 506	L-40	1
Liquid	20 L	5.2 gal	53-C 507	L-40	1
Liquid	200 L	52.8 gal	53-C 508	L-40	1

SLAP SHOT™ PL

Plastic-safe fast-evaporating degreaser



Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	400 ml	13.5 fl.oz.	53-C 552	L-64	12

Air Force AF-PL™

Plastic-safe, fast-evaporating parts degreaser for Air Force System

ACCESSORIES

Industrial pump sprayer 53-L 120

Order No.

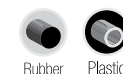


Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Liquid	20 L	5.2 gal	53-C 557	L-65	1
Liquid	200 L	52.8 gal	53-C 558	L-65	1

ELECTRONIC Contact Cleaning

CONTACT CLEAN™

Nonflammable electronics and electrical equipment cleaner
NSF category K2, registration #154540



Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	340 g.	12 oz.	53-C 712	L-165	12

LUBRICANTS

OPEN GEAR™

High-load drive lubricant



Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	400 ml	13.5 oz.	53-E 102	L-16	12

CHAIN GANG™

High-load chain lubricant



Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	400 ml	13.5 oz.	53-D 102	L-05	12

HANG-ON™

Adhesive lubricant

ACCESSORIES

Order No.

Refillable trigger sprayer bottles 53-L 331



Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	400 ml	13.5 oz.	53-D 812	L-33	12
Liquid	20 L	5.2 gal	53-D 817	L-45	1

BOLT-OUT™

Penetrating lubricant

ACCESSORIES

Order No.

Refillable trigger sprayer bottles 53-L 332



Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	400 ml	13.5 oz.	53-D 892	L-08	12
Liquid, trigger sprayer	500 ml	16.9 fl.oz.	53-D 893	L-26	12
Liquid	20 L	5.2 gal	53-D 897	L-26	1

ROCK'N ROLL™

Ceramic anti-seize lubricant



Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	400 ml	13.5 oz.	53-D 852	L-43	12
Paste/Brush	300 g	10.6 oz.	53-D 854	L-44	12

COLD SHOCK™

High-tech lubricant that loosens seized parts



Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	400 ml	13.5 oz.	53-D 882	L-98F	12

CUTTING FLUIDS



COOLCUT™

Metal cutting lubricant

ACCESSORIES

	Order No.
Spout for 20L square plastic pail	53-L 207
Spout for 208L plastic drum 2"	53-L 209
Spout for 208L plastic drum 3/4"	53-L 210



Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	312 g	11 oz.	53-B 002	L-01	12
Trigger sprayer	500 ml	16.9 oz.	53-B 004	L-09	12
Solid Stick	300 g	10.5 oz.	53-B 013	L-22	12
Liquid/ Squeeze bottle	350 ml	11.8 fl.oz.	53-B 003	L-09	12
Liquid	3.78 L	1 gal	53-B 005	L-09	1
Liquid	20 L	5.2 gal	53-B 007	L-09	1
Liquid	208 L	55 gal	53-B 008	L-09	1

COOLCUT S-30™

Water-miscible cutting lubricant

ACCESSORIES

	Order No.
SB-30 System booster	53-L 011
Spout for 20L square plastic pail	53-L 207
Spout for 208L plastic drum 2"	53-L 209



Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Liquid	3.78 L	1 gal	53-C 005	L-119	1
Liquid	20 L	5.2 gal	53-C 007	L-119	1
Liquid	208 L	55 gal	53-C 008	L-119	1

COOLCUT S-50™

Water-miscible cutting lubricant for high-pressure applications



Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Liquid	3.78 L	1 gal	53-C 025	L-109	1
Liquid	20 L	5.2 gal	53-C 027	L-109	1
Liquid	208 L	55 gal	53-C 028	L-109	1

STAINLESSCUT™

Stainless steel cutting lubricant



Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	312 g	11 oz.	53-B 202	L-53	12
Liquid/ Squeeze bottle	350 ml	11.8 fl.oz.	53-B 203	L-114	12
Liquid	3.78 L	1 gal	53-B 205	L-114	1

ALUCUT™

Solid stick aluminum cutting lubricant



Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Solid Stick	300 g	10.5 oz.	53-B 303	L-04	12

ICECUT™

Ready-to-use coolant/lubricant



ACCESSORIES

Order No.
Spout for 20L square plastic pail 53-L 207

Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Liquid	3.78 L	1 gal	53-C 055	L-122	1
Liquid	20 L	5.2 gal	53-C 057	L-122	1

TAPCUT™

Thread cutting lubricant



ACCESSORIES

Order No.
Spout for 20L square plastic pail 53-L 207

Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Liquid/ Squeeze bottle	350 ml	11.8 fl.oz.	53-A 103	L-115	12
Liquid	3.78 L	1 gal	53-A 105	L-115	1
Liquid	20 L	5.2 gal	53-A 107	L-115	1

CORROSION PROTECTION

ZINC 100™

Bright galvanizing spray



ZINC 200™

Cold galvanizing spray



SHIELD PRO™

Heavy-duty corrosion protection



ACCESSORIES

Order No.
Spout for 200L metal drum 3/4" 53-L 207

Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	400 ml	11.5 oz.	53-H 102	L-54	12

Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Aerosol	400 ml	11.5 oz.	53-H 152	L-95	12

Description	Size		Order no.	(M)SDS	Std. Pkg.
	Metric	US Gal			
Liquid	3.78L	1 gal	53-H 255	L-170	1
Liquid	20 L	5.2 gal	53-H 257	L-170	1
Liquid	200L	52.8 gal	53-H 258	L-170	1

ACCESSORIES **Order no.**
Spout for 200L metal drum 3/4" NPT 53-L 208

PRE- AND POST-WELDING

E-WELD™

General purpose anti-spatter emulsion



Description	Size		Order No.	MSDS	Std. Pkg.
	Metric	US Gal			
Aerosol	400 ml	13.55 oz	53-F 002	L-10E	12

Color: Milky green

E-WELD 3™

High temperature anti-spatter solution



Description	Size		Order No.	MSDS	Std. Pkg.
	Metric	US Gal			
Sprayer	500 ml	16.9 oz	53-F 253	L-46E	12

Color: Clear blue

NSF category P1, registration #145451

E-WELD 4™

Premium anti-spatter emulsion



Description	Size		Order No.	MSDS	Std. Pkg.
	Metric	US Gal			
Sprayer	500 ml	16.9 oz	53-F 403	L-147E	12

Color: White

E-WELD NOZZLE™

Total nozzle protection for best efficiency



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

10 Power Tools



High quality, powerful tools that work as hard as you do

TOP PRODUCTS
AT A GLANCE

IRONMAN™/ IRONMAN™ PS

Exceptional performance and safety

SUPER 5 PS™

Built-in safety switch

MINI PLUS™

Powerful variable speed grinder

Whether you're cleaning brake rotors, grinding chassis welds or fitting an exhaust system, Walter has the tools to get the job done quickly and safely.

Check out our **IRONMAN™** and **IRONMAN™ PS** grinders. Punching out 1,750 watts of smooth power, **IRONMAN™** is your go-to choice. Both max out at 6" wheel capacity, while the **PS** boasts innovative safety features.

Want to take down a big weld with a small grinder? Do that and more with the ultra safe **SUPER 5 PS™**. With a 5" wheel capacity, the **SUPER 5 PS™** is packed with features. Put it to work for grinding, sanding, rust and paint removal and more.

Need garage versatility? The **MINI PLUS™** grinds, cuts, cleans, sands and finishes. Great for component or auto body work, the **MINI PLUS™** delivers added safety via Soft Start™ and Powerguard™ features.

POWER TOOLS Features

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.

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".

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

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

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.

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

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%.

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

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

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.

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.



4.5" ANGLE GRINDERS



WARRANTY
LONG-RUN
SERVICEGUARD™
Protection Plan
24
MONTHS

MINI GRINDER™

Order no. 30-A 161

Light, compact and durable

The Mini™ 4.5" grinder's state-of-the-art features include the new Walter anti-vibration handle that makes the grinder more comfortable to use and 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.



WARRANTY
LONG-RUN
SERVICEGUARD™
Protection Plan
24
MONTHS

MINI PS™

Order no. 30-A 163

Additional job site safety

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



WARRANTY
LONG-RUN
SERVICEGUARD™
Protection Plan
24
MONTHS

MINI PLUS™

Order no. 30-A 255

Powerful variable speed grinder

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

Description	MINI™	MINI PS™	MINI PLUS™
Model name	6161K	6163B	6255J
Order No.	30-A 161	30-A 163	30-A 255
Anti-vibration side handle	✓	✓	✓
Safety clutch	✓	✓	✓
QUICK-R™ instant release function	✓	✓	✓
Tool-free rotating guard	✓	✓	✓
Non-locking paddle switch		✓	
Lock-on switch		✓	✓
AC/DC compatibility	✓	✓	AC compatibility only
Stabilizer™			✓
Soft-Start™			✓
Restart protection			✓
DYNAMAX™ RPM monitoring			✓
POWERGUARD™ overheat protection			✓
LED indicator			✓
DIALSPEED™ variable RPM selector			✓
Spindle	5/8" - 11	5/8" - 11	5/8" - 11
RPM no-load	10,500	10,500	2,800 to 10,500
Amperage	8.5 A	8.5 A	9.5 A
Power	900 W	900 W	1000 W
Tool weight	4.6 lbs	4.6 lbs	4.8 lbs
Maximum wheel diameter	4-1/2"	4-1/2"	5"
Standard equipment			
Wheel guard type 27	48-M 441	48-M 441	48-M 444
Side handle	30-B 075		30-B 075
Inner flange	30-B 057		30-B 057
QUICK-R™ front nut	30-B 020		30-B 020
Optional equipment			
Close guard adaptor	34-B 010	34-B 010	34-B 011
Manual clamping nut	30-B 037		30-B 037
Nut holder	30-B 023		30-B 023
Pin key wrench	48-Z 148		48-Z 148
SPIN-ON™ kit	30-B 024		30-B 024

5" ANGLE GRINDERS



SUPER 5™

Order no. 30-A 150

The perfect intermediate size grinder

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



SUPER 5 PS™

Order no. 30-A 153

Safety and performance

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

Description	SUPER 5™	SUPER 5 PS™
Model name	6150i	6153B
Order No.	30-A 150	30-A 153
Anti-vibration side handle	✓	✓
Safety clutch	✓	✓
QUICK-R™ instant release function	✓	✓
Tool-free rotating guard	✓	✓
Non-locking paddle switch		✓
Lock-on switch	✓	
AC/DC compatibility	✓	✓
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	11,000
Amperage	10.5 A	13.5 A
Power	1200 W	1550 W
Tool weight	5.3 lbs	5.5 lbs
Maximum wheel diameter	5"	5"
Standard equipment		
Wheel guard type 27	48-M 444	48-M 444
Side handle	30-B 075	30-B 075
Inner flange	30-B 057	30-B 057
QUICK-R™ front nut	30-B 020	30-B 020
Optional equipment		
Close guard adaptor	34-B 011	34-B 011
Manual clamping nut	30-B 037	30-B 037
Nut holder	30-B 023	30-B 023
Pin key wrench	48-Z 148	48-Z 148
SPIN-ON™ kit	30-B 024	30-B 024

IRONMAN™ GRINDERS



IRONMAN™ Order no. 30-A 560

Top performance in strenuous and prolonged applications

With its ergonomic rat-tail design, the Ironman™ delivers 1,750 watts with 6" wheel capacity. It comes with a Walter Stabilizer™ to reduce vibration and extend the life and removal rate of your abrasives by up to 30%. Ideal for prolonged applications, when combined with Walter abrasives, Ironman™ is among our most productive systems available.

IRONMAN™ PS Order no. 30-A 563

Exceptional performance with added safety features

If it's high performance and added safety you're after, the Ironman™ PS comes with a paddle switch and a mechanical brake to stop grinding wheels from turning within 2 seconds of relieving the trigger, and cutting wheels within 1.5 seconds. It delivers 1,750 watts of power and comes with a Walter Stabilizer™ to reduce vibration, improve ergonomics and extend the life and removal rate of your abrasives.

Description	IRONMAN™	IRONMAN™ PS
Model name	6560A	6563A
Order No.	30-A 560	30-A 563
Anti-vibration side handle	✓	✓
Safety clutch	✓	✓
QUICK-R™ instant release function	✓	✓
Tool-free rotating guard	✓	✓
Lock-on switch		✓
Mechanical brake system		2-second brake system
AC/DC compatibility	AC compatibility only	AC compatibility only
Stabilizer™	✓	✓
Soft-Start™	✓	✓
Restart protection	✓	✓
DYNAMAX™ RPM monitoring	✓	✓
POWERGUARD™ overheat protection	✓	✓
LED indicator	✓	✓
Spindle	5/8" - 11	5/8" - 11
RPM no-load	9,600	9,600
Amperage	14.5 A	14.5 A
Power	1750 W	1750 W
Tool weight	6.2 lbs	6.2 lbs
Maximum wheel diameter	6"	6"
Standard equipment		
Wheel guard type 27	48-M 444	48-M 446
Side handle	30-B 075	30-B 075
QUICK-R™ front nut	30-B 020	30-B 020
Optional equipment		
Close guard adaptor	34-B 011	34-B 012
Manual clamping nut	30-B 037	30-B 037
Nut holder	30-B 023	30-B 023
Pin key wrench	48-Z 148	48-Z 148
SPIN-ON™ kit	30-B 024	30-B 024

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
SERVICEGUARD™
Protection Plan **24**
MONTHS

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 7,600
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

POINT GRINDER

DIALSPEED™ 6141

Order no. 30-A 141

For fitting and finishing work

The convenient design of this very popular point grinder results in increased performance and operator comfort to let you reach new levels of productivity. Proven electronics and the quality construction of the motor deliver more power to the spindle while the ergonomic housing minimizes fatigue. This tool is the perfect companion to our premium carbide burrs 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, brushing and polishing work

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



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

Description	DIALSPEED™ STRAIGHT GRINDER 6145
Model name	6145E
Order No.	30-A 145
Lock-on switch	✓
AC 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

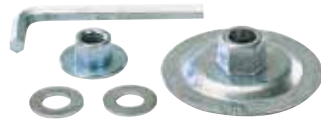
Threaded throw-away adaptors

	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
Order No.

For 3" and 4" wheels, 3/8" arbor 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 Order No. 30-B 021
(includes special flange and clamping nut)



ErgoFlex mounting set

$\frac{5}{8}$ "-11 spindle Order No. 30-B 030

Spacer washers

For grinders with:

$\frac{5}{8}$ "-11 spindle Order No. 07-Q 001



M14 × 2.0 spindle Order No. 07-Z 005

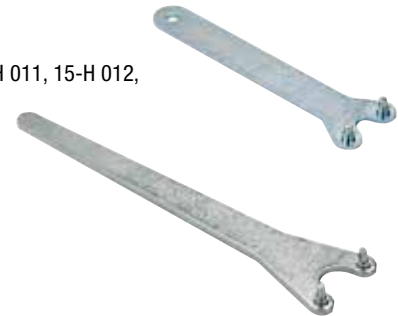


Pin keys

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 with 3/8"-24 thread 08-B 006
 With 3/8"-24 on spindles with 7/16"-20 thread 08-B 005
 With 5/8"-11 on spindles with 1/2"-13 thread 08-B 008



Clamping nut for use with above extension 3/8"-24 thread, to mount grinding wheels with 5/8" arbor 08-B 007



Mounting flange to mount 4" type 27 grinding wheels on air grinders with 3/8"-24 spindle 08-B 004



Cutting guard

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



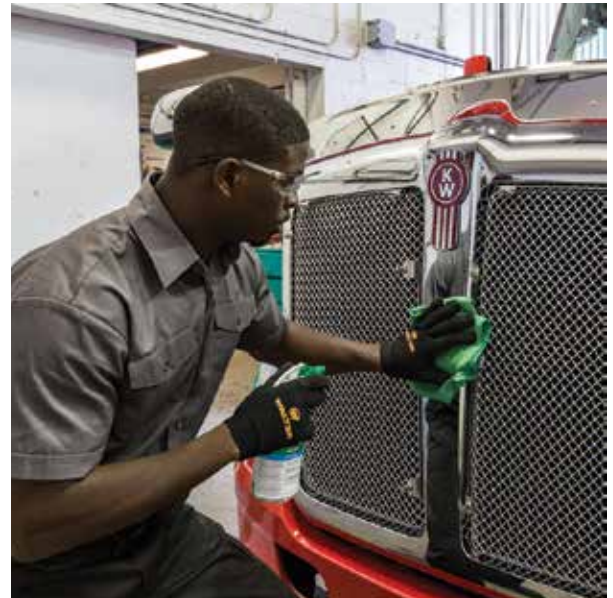
Refillable trigger sprayer

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

CLEANING AND DEGREASING Accessories



BIO-CIRCLE® POWERCLOTH™

- ▷ Ideal for streak free clean-ups
- ▷ Non-abrasive, won't scratch mirror finish, paint or clear coat



Bag	10 per pack	57-M 001
Box	50 per pack	57-M 005
Case	100 per pack	57-M 010

REFILLABLE TRIGGER SPRAYERS

Practical and sturdy, all bottles are clearly identified with product specific labels showing product features, hazard information and directions for use. High-quality, resistant trigger for longest life. Transparent bottle allows you to see product level. Can be refilled hundreds of times.



Description	Size		Order No.	Std. Pkg.
	Metric	US Gal		
UNO S F	950 ml	32.1 oz	53-L 158	1
POWER CLEANER 100	500 ml	16.9 oz	53-L 309	1
SC 400	500 ml	16.9 oz	53-L 313	1
OMNI	500 ml	16.9 oz	53-L 314	1
UNO S	500 ml	16.9 oz	53-L 315	1
E-NOX SHINE	500 ml	16.9 oz	53-L 316	1
FT 200	500 ml	16.9 oz	53-L 322	1
E-NOX CLEAN	500 ml	16.9 oz	53-L 337	1
PRO CLEAN	500 ml	16.9 oz	53-L 341	1
SLAP SHOT	500 ml	16.9 oz	53-L 311	1
HANG-ON	500 ml	16.9 oz	53-L 331	1
BOLT-OUT	500 ml	16.9 oz	53-L 332	1
CB 100	500 ml	16.9 oz	53-L 342	1
CB 100 ALU	500 ml	16.9 oz	53-L 343	1

INDUSTRIAL PUMP SPRAYERS

Rugged and convenient sprayers designed to effectively dispense a variety of Bio-Circle® cleaners and lubricants.

The spray pattern can easily be adjusted from a pin point jet for accurate product dispensing to a wide fan for fast surface coverage. Viton gaskets and corrosion-proof spring for optimal chemical resistance. These thick walled polyethylene bottles feature a wide neck for easy filling hundreds of times.



Description	Size		Order No.	Std. Pkg.
	Metric	US Gal		
For SC 400, PRO CLEAN, CB 100, AF-PL, FT 200, OMNI	900 ml	30 oz	53-L 120	1
Accessories				
Replacement Viton gasket set			53-L 100	1
Replacement spray nozzle (without gaskets)			53-L 104	1
Replacement swirl piece (without gaskets)			53-L 114	1

Accessories

Parts washing basket

- ▷ 9" dia x 8 1/4" high
- ▷ 1/4" holes

Order no. 55-B 004



Angled flow-through brush

Order no. 55-B 007



Sink lid

- ▷ For MAXI:

Order no. 55-B 047



Replacement flow-through brush

Order no. 55-B 005



Stainless steel sink insert

- ▷ For MAXI:

Order no. 55-B 048



Filter cartridges

- ▷ Disposable 200 micron:
Order no. 55-B 021
- ▷ Disposable 100 micron:
Order no. 55-B 012
- ▷ Reusable 100 micron:
Order no. 55-B 036
- ▷ Reusable 150 micron:
Order no. 55-B 037
- ▷ Reusable 200 micron:
Order no. 55-B 038
- ▷ Reusable 350 micron:
Order no. 55-B 011



Disposable filter bags for Bio-Circle® machines

- ▷ 50 micron:
Order no. 55-B 041
- ▷ 100 micron:
Order no. 55-B 042
- ▷ 200 micron:
Order no. 55-B 043



Filter housing spanner

Order no. 55-B 035



SPOUTS

Description	Order no.
Spout for 208 L / 55 gal plastic drum	53-L 209, 2" NPT and 53-L 210, 3/4" NPT



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-shop safety seminars to promote the safe use of abrasives. Reserve your safety seminar today by calling: **1-888-592-5837**.

IMPORTANT

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