

INNOVATIVE GRINDING SOLUTIONS FOR THE METALWORKING INDUSTRY



WALTER
Surface Technologies

Only the best.™



WALTER HELPS YOU BETTER

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

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.

TODAY'S GRINDING NEEDS

Professionals in the metal fabricating and finishing industry know that when it comes to grinding, Walter sets down the standard. Take down welds faster and with ease, and reduce your overall costs with one of Walter's many grinding wheel options. Heavy-duty, all day grinding? We've got a wheel for that. More refined work taking down welds on stainless surfaces? We've got a wheel for that.

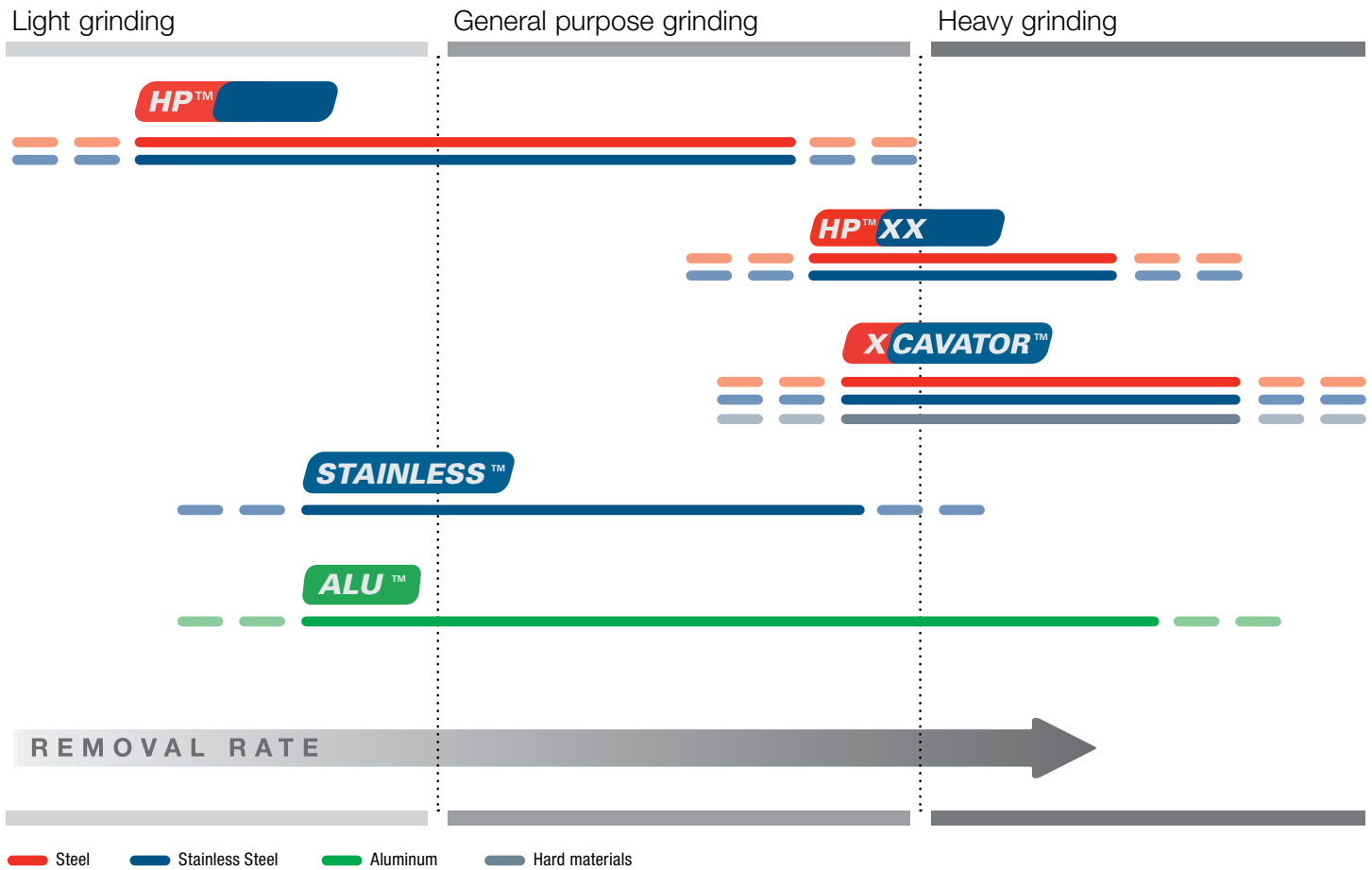
FOR MORE INFORMATION, PLEASE CALL US AT

Canada: 1 888 592-5837

United States: 1 800 522-0321

Wheel selection chart

Recommended by type of usage



Exclusive to Walter

Convenient and safe!

SPIN-ON quick-change mounting

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



HP™

New and Improved Formula



High performance and exceptional comfort for everyday grinding



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




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

Comfort	● ● ● ● ●
Durability	● ● ● ○ ○
Removal Rate	● ● ● ○ ○
Total Removal	● ● ● ○ ○

1/4" TYPE 27S  


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

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



1/4" TYPE 28S   

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

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

1/4" TYPE 27 

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

1/4" TYPE 28  

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





HP COMBO™

High performance cutting and grinding; all in one wheel



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

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

1/8" TYPE 27S SPIN-ON

Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/8"	5/8"-11	08-B 452	A-30	13,300	25	200
4 1/2"	1/8"	5/8"-11 Metal hub	08-B 457	A-30	13,300	10	80
5"	1/8"	5/8"-11	08-B 502	A-30	12,200	25	200
5"	1/8"	5/8"-11 Metal hub	08-B 507	A-30	12,200	10	80
6"	1/8"	5/8"-11	08-B 630	A-24	10,200	25	100
7"	1/8"	5/8"-11 Metal hub	08-B 717	A-24	8,600	10	40
9"	1/8"	5/8"-11 Metal hub	08-B 917	A-24	6,600	10	40

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

1/8" TYPE 27

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



Patented integrated center reinforcement design for extreme toughness

HP XX™

Premium grinding at a low overall cost



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

- ▶ *Walter's longest lasting grinding wheel*
- ▶ *Available in spin-on version*

Comfort	● ● ● ● ○
Durability	● ● ● ● ●
Removal Rate	● ● ● ● ○
Total Removal	● ● ● ● ●

1/8" TYPE 27



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

1/4" TYPE 27S SPIN-ON



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

Always use with flange 30-B 057.

1/4" TYPE 27



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

1/4" TYPE 28



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





XCAVATOR™

Now with Comfort Max™ Technology

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



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

Comfort	● ● ● ● ○
Durability	● ● ● ● ○
Removal Rate	● ● ● ● ●
Total Removal	● ● ● ● ○

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

1/4" TYPE 27

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

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

Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/4"	5/8"-11 Metal hub	08-P 455	ZA-16	13,300	10	80
7"	1/4"	5/8"-11 Metal hub	08-P 705	ZA-16	8,600	10	40
9"	1/4"	5/8"-11 Metal hub	08-P 905	ZA-16	6,600	10	40

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

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

Always use with flange 30-B 057.

STAINLESS™

Superior performance on stainless steel





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

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



Comfort	● ● ● ● ●
Durability	● ● ● ○ ○
Removal Rate	● ● ● ○ ○
Total Removal	● ● ● ○ ○



1/8" TYPE 27S  



Dia.	Thick.	Arbor	Order No.	Grade	Max. RPM	Std. Pkg.	Std. Ctn.
4 1/2"	1/8"	5/8"-11	08-F 452	A-30	13,300	25	200
4 1/2"	1/8"	5/8"-11 Metal hub	08-F 457	A-30	13,300	10	80
5"	1/8"	5/8"-11	08-F 502	A-30	12,200	25	200
7"	1/8"	5/8"-11 Metal hub	08-F 707	A-30	8,600	10	40

Always use with flange 30-B 057.



1/8" TYPE 27  

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



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

1/4" TYPE 27S  

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

1/4" TYPE 27  

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

1/4" TYPE 28S  

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

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

1/8" cutting and light grinding:

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

1/4" grinding:

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



ALU™

No clogging in any type of aluminum

For use on aluminum and other soft metals



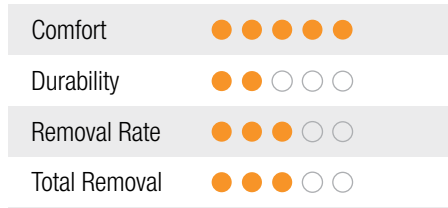
These wheels will not clog or glaze when working with aluminum or other non-ferrous metals. They are free of waxes and lubricants, so there is no need to clean the surface before welding or applying a surface coating, eliminating a time-consuming step in surface preparation.

1/8" cutting and light grinding:

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

1/4" grinding:

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



1/8" TYPE 27



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

1/4" TYPE 27



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

GRINDING SOLUTIONS

AT A GLANCE

Name	Comfort	Durability	Removal Rate	Total Removal
HP™	●●●●●	●●●	●●●	●●●
HP XX™	●●●●	●●●●●	●●●●	●●●●●
Xcavator™	●●●●	●●●●	●●●●●	●●●●
Stainless™	●●●●●	●●●	●●●	●●●
Alu™	●●●●●	●●	●●●	●●●



PRODUCTIVITY REPORTS

Working to positively impact your business

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



SAFETY SEMINARS

Because health and safety are top priority

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

BUCKET PROGRAM

Evaluation of cost savings potential and improved worker safety

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



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