

ALWAYS A  
CUT ABOVE



# CUT-OFF WHEELS



 **WALTER**  
Surface Technologies

# SETTING THE INDUSTRY STANDARD FOR CUT-OFF WHEELS

- **Comfortable and smooth cutting** which enhances operator productivity.
- **Made of premium raw materials:** resin, grain blends and reinforcements for enhanced safety.
- **All the 4 1/2" up to 9" cutting wheels come in unique packaging** which keeps each wheel in the same condition as when it left the factory, thereby enhancing performance, safety and durability.
- **All cutting wheels exceed ANSI B7.1 and EN12413 safety standards.**

## Select the right cut-off wheel for the job

Select based on power tool and material

APPLICATION		CUTTING (Ø2" UP TO 9")					
Power tool used	ANGLE GRINDER				STRAIGHT GRINDER		
<b>Material</b>	STEEL	STAINLESS (Fe-S-CI - 0,1%)	ALUMINUM	TITANIUM	STEEL	STAINLESS (Fe-S-CI - 0,1%)	
<b>Wheel selection</b>	ZIP ONE (11-T) ZIP WHEEL (11-T) ZIP+ XTRA (11-T) TOUGH CUT (11-R) COMBO ZIP (11-T)	ZIP ONE (11-T) ZIP STAINLESS (11-F) COMBO ZIP (11-T)	ZIP ALU (11-U)	ZIP TITAN (11-H)	ZIP (11-L)	ZIP (11-L)	

APPLICATION		CUTTING (Ø12" AND MORE)							
Power tool used	CHOPSAW			STATIONARY SAW		GAS SAW			
<b>Material</b>	STEEL	ALUMINUM	TITANIUM	TITANIUM	STEEL	STAINLESS (Fe-S-CI - 0,1%)	STEEL and STAINLESS	CONCRETE	RAIL
<b>Wheel selection</b>	CHOPCUT (10-Q) CHOPCUT II (10-P)	CHOPCUT ALU (10-L)	CHOPCUT TITAN (10-H)	CHOPCUT TITAN (10-H)	RIPCUT (10-B) RIPCUT II (10-A)	RIPCUT (10-B) RIPCUT STAINLESS (10-C)	PORTACUT (11-A)	PORTACUT (11-D)	RAILCUT II (11-V)

## Select your type of cutting

### Type 1



For general applications. Type 1 (Flat) wheels offer more available surface for more cuts & optimal flexibility.

### Type 27



For flush cutting or more rigidity. Type 27 (Depressed center) wheel when flush cutting in confined spaces or when using a depressed center back flange.

## THE WALTER ADVANTAGE

Faster, cooler, freer cutting and heavily reinforced for added safety, the ZIP WHEEL™ provides premium performance while resisting twisting and bending. This allows for a true, straight cut every time.



ZIP WHEEL™ is the longest lasting 3/64" cut-off wheel in the industry. The longevity of the product translates into less cut-off wheels used, reducing your environmental impact and enhancing productivity amongst operators.



SPIN-ON mounting systems available for the ZIP WHEEL™ model result in minimal downtime during wheel change out and less vibration when cutting, for maximum productivity.

# DISCOVER THE WALTER FAMILY OF CUT-OFF WHEELS

Ask your Territory Manager about our full lineup and full SKU listing.



	<b>ZIP WHEEL™</b>	<b>ZIP ONE™</b>	<b>ZIP™</b>
<b>Application</b>	<b>For general cutting</b>	<b>Thin gauge cutting</b>	<b>For general cutting and more **</b>
<b>Value proposition</b>	The ZIP WHEEL™ cut-off wheel provides the fastest cutting speeds and longest life allowing for reduced cycle times, less change outs and increased safety for operators.	The ZIP ONE™ is a 1 mm thick cutting wheel specifically designed to cut thin gauge steel and stainless steel safely and quickly. It is cool cutting to provide a burr-free cut with minimal discoloration.	ZIP™ wheels are perfect for cutting and grinding on straight shafts and die grinders. It is made of special materials that will keep cool, extending the life of the wheel without contaminating stainless steel.
<b>Thickness</b>	3/64"	1/32"	1/32", 1/16", 1/8", 1/4", 1/2"
<b>Sizes available</b>	4 1/2", 5", 6", 7", 8", 9"	4 1/2", 5", 6", 7"	2", 2 1/2", 3", 4"
<b>Grain type</b>	Aluminum Oxide	Zirconia	Aluminum Oxide
<b>Metal compatibility</b>	Steel and Stainless Steel	Steel and Stainless Steel (Fe, S, Cl < 0.1%)	Steel and Stainless Steel (Fe, S, Cl < 0.1%)
<b>Type of cutting</b>	Type 1 / Type 27 / Type 27S *	Type 1 / Type 27	Type 1 / Type 27
<b>Series</b>	11-T	11-T	11-L

\* Type 27S is for ZIP WHEEL™ with SPIN-ON and is only available in 4 1/2", 5", 6" sizes.

\*\* For notching applications, it is recommended that you use ≥ 1/8". For grinding applications, 1/2" is recommended.

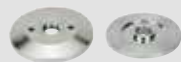
## Mounting accessories

Complete set for a flush fit and minimal spindle exposure beyond the clamping nut, for other brands of grinders with: 5/8"-11 spindles  
**30-B 021**



Thick backing flange for a flush fit and minimal exposure of spindle beyond the clamping nut for Walter grinders with: 5/8"-11 spindles  
**30-B 017**

Clamping flanges set to mount 9" cut-off wheels on 5/8"-11 spindles  
**30-B 022**



## Accessory

**Description**  
Reducer bushing 7/8" to 5/8"

**Order No.**  
10-A 984



**WARNING:** This product can expose you to chemicals including Titanium Dioxide, which are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



# FOR A TOUGHER CUT

**LOOKING TO CUT AND GRIND SIMULTANEOUSLY?**  
 Ask your WALTER Territory Manager  
 about the HP COMBO™ wheel.



	⚠ <b>ZIP+ XTRA™</b>	⚠ <b>TOUGH CUT™</b>	⚠ <b>COMBO ZIP™</b>
<b>Application</b>	<b>Rough cutting</b>	<b>Rough cutting</b>	<b>Cutting and deburring</b>
<b>Value proposition</b>	ZIP+ XTRA™ has a reinforced rib design for straighter cuts on thicker material, 1/8" thick or thicker. This feature also helps to cool the work-piece, preventing the large burrs and material discoloration.	For the toughest, most demanding cutting applications. These wheels cut fast and free without binding and maintain high RPM for a clean cut and superior all-around performance.	Safely cut and deburr with just one wheel. COMBO ZIP™ is highly reinforced and the perfect fit when operators don't want the hassle of having to change out wheels to deburr, notch or chamfer immediately after cutting. Save time and improve worker safety.
<b>Thickness</b>	1/16"	3/32"	5/64"
<b>Sizes available</b>	4 1/2", 5", 6", 7", 9"	4 1/2", 5", 6", 7", 9"	4 1/2", 5", 6"
<b>Grain type</b>	Aluminum Oxide	Aluminum Oxide	Aluminum Oxide
<b>Metal compatibility</b>	Steel and Stainless Steel	Steel and Stainless Steel	Steel and Stainless Steel (Fe, S, Cl < 0.1%)
<b>Type of cutting</b>	Type 1 / Type 27	Type 1	Type 27
<b>Series</b>	11-T	11-R	11-T


## COMBO ZIP™

**Fast, safe cutting and deburring with just one wheel**



# FOR SPECIALIZED METAL CUTTING



	 <b>ZIP ALU™</b>	 <b>ZIP STAINLESS™</b>	 <b>ZIP TITAN™</b>
<b>Application</b>	<b>General cutting on specialized metals</b>		
<b>Value proposition</b>	ZIP ALU™ is designed to provide long life and quick cuts on aluminum and other non-ferrous alloys. Our special abrasive blend provides smooth, cool cuts and is guaranteed not to clog, saving you time and money.	ZIP STAINLESS™ is free of iron, sulfur and chlorine, ensuring it will not contaminate stainless steel or other nickel alloyed steels. It offers cool, free cuts and the best overall performance on nickel alloyed steels.	ZIP TITAN™ cuts through titanium and brass without overheating these metals, delivering a longer lasting cut-off wheel while preserving the mechanical properties and surface integrity of the material being cut.
<b>Thickness</b>	3/64"	3/64"	3/64"
<b>Sizes available</b>	3", 4 ½", 5", 6", 7"	4 ½", 5", 6", 7", 9"	4 ½", 5", 6", 7"
<b>Grain type</b>	Aluminum Oxide	Aluminum Oxide	Ceramic Alumina
<b>Metal compatibility</b>	Aluminum and other non-ferrous materials.	Steel and Stainless Steel (Fe, S, Cl < 0.1%)	Titanium, brass, ductile and cast iron.
<b>Type of cutting</b>	Type 1 / Type 27	Type 1 / Type 27	Type 1
<b>Series</b>	11-U	11-F	11-H

## Mounting accessories

### Flush mandrels with ¼" shaft for wheel thickness up to ½"

- For 2 and 3" wheels, ¼" and ⅜" arbor **11-L 007**
- For 2" wheels, ⅜" arbor **11-L 001**
- For 3" and 4" wheels, ¼" arbor **11-L 006**
- For 3" and 4" wheels, ⅜" arbor **11-L 003**

### General purpose mandrels with ¼" shaft for wheel thickness up to ½"

- For 2" wheels, ⅜" arbor **11-L 008**
- For 2" wheels, ⅜" arbor **11-L 002**
- For 3" and 4" wheels, ⅜" arbor **11-L 004**




### With ⅜" shaft

- For 3" and 4" wheels, ⅜" arbor **11-L 005**






# FOR PORTABLE AND GAZ POWER TOOLS



	 <b>PORTACUT™</b>	 <b>RAILCUT II™ LONG LIFE</b>	 <b>RAILCUT II™ FAST CUT</b>
<b>Application</b>	<b>General cutting</b>		
<b>Value proposition</b>	Reinforced for added safety and formulated for an optimal cutting speed and wheel life ratio, PORTACUT™ is the preferred choice to use on gas and electric power saws.	Heavily reinforced for maximum safety, Railcut II™ Long Life delivers more cuts per wheel making it the ideal solution for cutting softer rails. Best option for hydraulic saws.	Heavily reinforced for maximum safety, Railcut II™ Fast Cut for faster cutting and minimal deflection on hardened rails – Best option for gas saws.
<b>Thickness</b>	1/8"	5/32"	5/32"
<b>Sizes available</b>	12", 14"	14", 16"	14", 16"
<b>Grain type</b>	Aluminum Oxide	Aluminum Oxide	Aluminum Oxide
<b>Metal compatibility</b>	Steel, stainless steel, plastic, concrete and ductile	Steel	Steel
<b>Type of cutting</b>	Type 1	Type 1	Type 1
<b>Series</b>	11-A & 11-D	11-V	11-V



	 <b>RIP CUT™</b>	 <b>RIP CUT™ II</b>	 <b>RIP CUT™ STAINLESS</b>
<b>Application</b>	<b>General cutting</b>		
<b>Value proposition</b>	A versatile and heavily-reinforced general purpose cutting wheel for use on low power stationary cut-off machines.	A high performing and heavily-reinforced cutting wheel for use on high power stationary cut-off machines.	Fast and cool cutting with less burrs and discoloration. Specially formulated to cut all types of stainless and alloyed steels
<b>Thickness</b>	1/8", 5/32", 3/16"	1/8", 5/32", 3/16"	1/8"
<b>Sizes available</b>	12", 14", 16", 18", 20"	12", 14", 16", 18", 20"	14"
<b>Grain type</b>	Aluminum Oxide	Aluminum Oxide	Aluminum Oxide
<b>Metal compatibility</b>	Steel and Stainless Steel (Fe, S, Cl < 0.1%)	Steel	Stainless Steel (Fe, S, Cl < 0.1%)
<b>Type of cutting</b>	Type 1	Type 1	Type 1
<b>Series</b>	10-B	10-A	10-C

# FOR PORTABLE CHOP SAWS

Contact a WALTER Territory Manager to create productivity reports or launch a Bucket Program to demonstrate how WALTER can lower total cost of ownership with its metal working solutions.



	⚠ <b>CHOPCUT™</b>	⚠ <b>CHOPCUT™ II</b>	⚠ <b>CHOPCUT™ ALU</b>	⚠ <b>CHOPCUT™ TITAN</b>
<b>Application</b>	<b>General cutting</b>			
<b>Value proposition</b>	General purpose, central reinforced cut-off wheel for fast cutting on portable chop saws. The wheel of choice for solid steel and stainless steel bars.	High performance, double external reinforced cut-off wheel for portable chop saws. The toughest wheel, ideal for tubing and extrusion cutting.	Performance cutting on portable chop saws with a unique formulation which prevents clogging to extend wheel life when used on aluminum.	Optimal cutting performance on both portable and stationary chop saws on titanium or brass with a unique formulation that prevents metal from overheating.
<b>Thickness</b>	3/32"	3/32"	3/32"	1/8"
<b>Sizes available</b>	12", 14", 16"	12", 14", 16"	12", 14"	14", 16"
<b>Grain type</b>	Aluminum Oxide	Aluminum Oxide	Aluminum Oxide	Ceramic
<b>Metal compatibility</b>	Steel and stainless steel	Steel and stainless steel	Aluminum and non-ferrous metals	Brass, titanium, ductile and cast iron
<b>Type of cutting</b>	Type 1	Type 1	Type 1	Type 1
<b>Series</b>	10-Q	10-P	10-L	10-H



## Walter Surface Technologies

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