



Redefining Custom Solutions

OUR 'ABRASIVE CUTTING LABORATORY' IS THE CORE OF OUR BUSINESS AND WHAT SETS US APART FROM COMMODITY BASED MANUFACTURERS.

Our cutting wheel designs are evaluated on a regular basis to search for the most efficient combination of abrasives, bonds and reinforcement for the maximum productivity and safety on the job.

Our primary target is the cut-off wheel. In recent years portable cut-off wheels have proven to be one of the most useful tools in the fabrication industry. As that trend is predicted to continue we, as a company, strive to produce a cut-off wheel that is safety tested, and quality driven. The item that sets us apart from our competitors in our ability to do safety testing and specific product design in-house. Calumet Abrasives, Co., Inc., has owned its own laboratory for the past 30 years of operation, allowing us to focus on the three most important aspects of the business: quality, performance and safety.

Calumet Abrasives, is an American made, American engineered company. We have remained local to our area since 1945. We specialize in our laboratory capabilities, and look forward to meeting your needs in the future. To further benefit you, below, we have provided a little cheat sheet on what is important in our wheel, along with a detailed price list. Feel free to contact our customer service team, for any question you may have, or to place an order.



A LITTLE CHEAT SHEET:

Wheel design

Wheel thickness – the thinnest wheel is not always the best for the job. Thin wheels are best for a quick efficient cuts on thin gavage material.

A rip cut on heavier gauge stock might require a stiffer more heavily reinforced product to stand up to the job.

Safety

All our wheel designs are tested for their ultimate failure speed. Lighter weight reinforced wheels cut faster and are more flexible but have a lower failure speed.

Heavier gauge reinforced wheels are stiffer hold the cut line better and have a higher final failure speed.

The right abrasive

Selecting the correct abrasive is key to efficient cutting. Newly developed abrasive types have been developed to cut more efficiently. Today's premium abrasives cut faster, cooler and last longer than standard abrasives and are used in our formulas to match the job.

2 1/2 inch wheels

Arbor holes available in 1/4", 3/8" and 1/2"



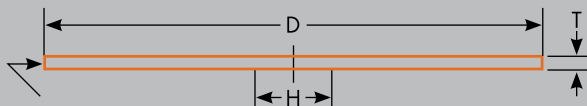
		2 1/2 inch						
SIZE D X T	MAX RPM	<50	50	100	250	500	1000	2000
2 x 1/32	30,558							
2 x 1/16	30,558							
2 x 1/8	30,558							
2 1/2 x 1/32	25,000							
2 1/2 x 1/16	25,000							
2 1/2 x 1/8	25,000							
2 1/2 x 3/16	21,500							
2 1/2 x 1/4	21,500							
2 1/2 x 3/8	21,500							
2 1/2 x 1/2	21,500							

3 inch wheels

Arbor holes available in 1/4", 3/8" and 1/2"



		3 inch						
SIZE D X T	MAX RPM	<50	50	100	250	500	1000	2000
3 x 1/32	25,000							
3 x 1/16	25,000							
3 x 1/8	20,372							
3 x 3/16	20,372							
3 x 1/4	18,000							
3 x 3/8	18,000							
3 x 1/2	18,000							



Type 1 reinforced cut-off and snagging wheels specify D T H dimension. Use only on cutting surface. Do not grind on side of wheel. Use the proper mounting flanges as specified ANSI code B.71.

4 inch wheels

SIZE D X T	MAX RPM	<50	50	100	250	500	1000	2000
4 x 1/32	19,000							
4 x 1/16	19,000							
4 x 1/8	15,278							
4 x 3/16	15,278							
4 x 1/4	13,500							
4 x 3/8	13,500							
4 x 1/2	13,500							

Arbor holes available in 1/4", 3/8", 1/2", 5/8", and 7/8"



cutoff wheels for right angle grinders

SIZE D X T	MAX RPM	<100	100	250	500	1000
4 1/2 x .045 x 7/8	13,300					
5 x .045 x 7/8	12,200					
6 x .045 x 7/8	10,200					
4 1/2 x .060 x 7/8	13,300					
5 x .060 x 7/8	12,200					
6 x .060 x 7/8	10,200					

WARNING

Grinding wheels improperly used are dangerous. When using abrasive wheels comply with ANSI code B7.1 and OSHA regulations.

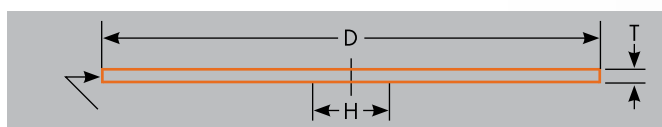
Use a guard on the grinder and always wear eye protection.

When ordering always match the speed of the tool to be used with the maximum operating speed marked on the wheel.

6, 7, 8 and 9 inch wheels

SIZE D X T	MAX RPM	<50	50	100	250	500	1000
6 x 1/32	9,000						
6 x 1/16	9,000						
6 x 1/8	9,000						
7 x 1/16	7,750						
7 x 1/8	7,750						
8 x 1/16	6,800						
8 x 1/8	6,800						
9 x .060	6,000						
9 x 1/16	6,000						

Arbor holes available in 1/2" and 5/8"



Type 1 reinforced cut-off and snagging wheels specify D T H dimension. Use only on cutting surface. Do not grind on side of wheel. Use the proper mounting flanges as specified ANSI code B.71.

800.693.8862

Calumet Abrasives Co., Inc.
3039 169th Place
Hammond, IN 46323

Office: 219.844.2695
Fax: 219.989.4272

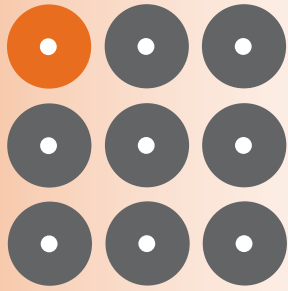




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HUMMER

ABRASIVES

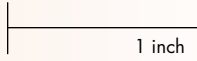
HUMMER® TYPE 1 AND LARGE DIAMETER CUTTING WHEELS ARE ENGINEERED TO OFFER SUPERIOR COST TO PERFORMANCE BENEFITS.

Is there any general information that could go in this area? Perhaps a discussion of quality, turnaround, etc. that would give purchasers a little more information on the product or support.



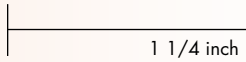
1 inch wheels

Hummer® Type 1 Abrasive Wheels are designed to deliver long life and fast cutting performance.



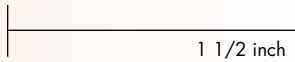
Item #	Description	RPM	Box Qty	List Price Ea.
H111BRR	1 x 1/32 x 1/8	61,115	50	
H114BRR	1 x 1/32 x 1/4	61,115	50	
H121BRR	1 x 1/16 x 1/8	61,115	50	
H124BRR	1 x 1/16 x 1/4	61,115	50	
H131BRR	1 x 1/8 x 1/8	61,115	25	
H134BRR	1 x 1/8 x 1/4	61,115	25	
H141BRR	1 x 1/4 x 1/8	61,115	15	
H164BRR	1 x 1/2 x 1/4	54,240	10	

1 1/4 inch wheels



Item #	Description	RPM	Box Qty	List Price Ea.
H211BRR	1 1/4 x 1/32 x 1/8	48,892	50	
H224BRR	1 1/4 x 1/16 x 1/4	48,892	50	

1 1/2 inch wheels



Item #	Description	RPM	Box Qty	List Price Ea.
H301BRR	1 1/2 x .035 x 1/8	40,744	50	
H304BRR	1 1/2 x .035 x 1/4	40,744	50	
H311BRR	1 1/2 x 1/32 x 1/8	40,744	50	
H314BRR	1 1/2 x 1/32 x 1/4	40,744	50	
H315BRR	1 1/2 x 1/32 x 3/8	40,744	50	
H321BRR	1 1/2 x 1/16 x 1/8	40,744	50	
H324BRR	1 1/2 x 1/16 x 1/4	40,744	50	
H325BRR	1 1/2 x 1/16 x 3/8	40,744	50	
H334BRR	1 1/2 x 1/8 x 1/4	40,744	25	
H335BRR	1 1/2 x 1/8 x 3/8	40,744	25	
H341BRR	1 1/2 x 1/4 x 1/8	40,744	15	
H344BRR	1 1/2 x 1/4 x 1/4	40,744	15	
H345BRR	1 1/2 x 1/4 x 3/8	40,744	15	
H355BRR	1 1/2 x 3/8 x 3/8	36,160	10	
H365BRR	1 1/2 x 1/2 x 3/8	36,160	10	

2 inch wheels

2 inch

Item #	Description	RPM	Box Qty	List Price Ea.
H501BRR	2 x .035 x 1/8	30,558	50	
H504BRR	2 x .035 x 1/4	30,558	50	
H505BRR	2 x .035 x 3/8	30,558	50	
H511BRR	2 x 1/32 x 1/8	30,558	50	
H514BRR	2 x 1/32 x 1/4	30,558	50	
H515BRR	2 x 1/32 x 3/8	30,558	50	
H594BRR	2 x .062 x 1/4	30,558	50	
H521BRR	2 x 1/16 x 1/8	30,558	50	
H524BRR	2 x 1/16 x 1/4	30,558	50	
H525BRR	2 x 1/16 x 3/8	30,558	50	
H526BRR	2 x 1/16 x 1/2	30,558	50	
H531BRR	2 x 1/8 x 1/8	30,558	25	
H534BRR	2 x 1/8 x 1/4	30,558	25	
H535BRR	2 x 1/8 x 3/8	30,558	25	
H544BBR	2 x 1/4 x 1/4	30,558	15	
H545BBR	2 x 1/4 x 3/8	30,558	15	
H554BBR	2 x 3/8 x 1/4	27,120	10	
H555BBR	2 x 3/8 x 3/8	27,120	10	
H564BBR	2 x 1/2 x 1/4	27,120	10	
H565BBR	2 x 1/2 x 3/8	27,120	10	
H566BBR	2 x 1/2 x 1/2	27,120	10	

Hummer® Type 1 Abrasive Wheels are designed to deliver long life and fast cutting performance.



2 1/2 inch wheels

2 1/2 inch

Item #	Description	RPM	Box Qty	List Price Ea.
H614BRR	2 1/2 x 1/32 x 1/4	24,446	50	
H615BRR	2 1/2 x 1/32 x 3/8	24,446	50	
H624BRR	2 1/2 x 1/16 x 1/4	24,446	50	
H625BRR	2 1/2 x 1/16 x 3/8	24,446	50	
H634BRR	2 1/2 x 1/8 x 1/4	24,446	25	
H635BRR	2 1/2 x 1/8 x 3/8	24,446	25	
H644BBR	2 1/2 x 1/4 x 1/4	24,446	15	
H645BBR	2 1/2 x 1/4 x 3/8	24,446	15	
H654BBR	2 1/2 x 3/8 x 1/4	21,696	10	
H655BBR	2 1/2 x 3/8 x 3/8	21,696	10	
H664BBR	2 1/2 x 1/2 x 1/4	21,696	10	
H665BBR	2 1/2 x 1/2 x 3/8	21,696	10	

Hummer® Type 1 Abrasive Wheels are designed to deliver long life and fast cutting performance.

3 inch wheels

Hummer® Type 1 Abrasive Wheels are designed to deliver long life and fast cutting performance.



3 inch

Item #	Description/inches	RPM	Standard Pack	List Price Ea.
H704BRR	3 x .035 x 1/4	20,372	50	
H705BRR	3 x .035 x 3/8	20,372	50	
H707BRR	3 x .035 x 5/8	20,372	50	
H714BRR	3 x 1/32 x 1/4	20,372	50	
H715BRR	3 x 1/32 x 3/8	20,372	50	
H716BRR	3 x 1/32 x 1/2	20,372	50	
H794BRR	3 x .062 x 1/4	20,372	50	
H795BRR	3 x .062 x 3/8	20,372	50	
H724BRR	3 x 1/16 x 1/4	20,372	50	
H725BRR	3 x 1/16 x 3/8	20,372	50	
H726BRR	3 x 1/16 x 1/2	20,372	50	
H784BRR	3 x 3/32 x 1/4	20,372	25	
H785BRR	3 x 3/32 x 3/8	20,372	25	
H734BRR	3 x 1/8 x 1/4	20,372	25	
H735BRR	3 x 1/8 x 3/8	20,372	25	
H736BRR	3 x 1/8 x 1/2	20,372	25	
H744BBR	3 x 1/4 x 1/4	20,372	15	
H745BBR	3 x 1/4 x 3/8	20,372	15	
H755BBR	3 x 3/8 x 3/8	18,080	10	
H765BBR	3 x 1/2 x 3/8	18,080	10	
H766BBR	3 x 1/2 x 1/2	18,080	10	

3 1/2 inch wheels

3 1/2 inch

Item #	Description/inches	RPM	Standard Pack	List Price Ea.
H814BRR	3 1/2 x 1/32 x 1/4	17,462	50	
H815BRR	3 1/2 x 1/32 x 3/8	17,462	50	
H824BRR	3 1/2 x 1/16 x 1/4	17,462	50	
H825BRR	3 1/2 x 1/16 x 3/8	17,462	50	
H826BRR	3 1/2 x 1/16 x 1/2	17,462	50	
H835BRR	3 1/2 x 1/8 x 3/8	17,462	25	
H845BRR	3 1/2 x 1/4 x 3/8	17,462	15	

features and benefits

- **Aluminum Oxide Grain and double fiberglass reinforcement resist breakage and insure safer operation.**
- **Resin bond provides fast cutting and grinding.**
- **Special formulations mean longer life and cleaner cuts.**

4 inch wheels

4 inch

Item #	Description/inches	RPM	Standard Pack	List Price Ea.
H904BRR	4 x .035 x 1/4	15,279	50	
H905BRR	4 x .035 x 3/8	15,279	50	
H906BRR	4 x .035 x 1/2	15,279	50	
H907BRR	4 x .035 x 5/8	15,279	50	
H908BRR	4 x .035 x 7/8	15,279	50	
H914BRR	4 x 1/32 x 1/4	15,279	50	
H915BRR	4 x 1/32 x 3/8	15,279	50	
H916BRR	4 x 1/32 x 1/2	15,279	50	
H917BRR	4 x 1/32 x 5/8	15,279	50	
H918BRR	4 x 1/32 x 7/8	15,279	50	
H995BRR	4 x .062 x 3/8	15,279	50	
H924BRR	4 x 1/16 x 1/4	15,279	50	
H925BRR	4 x 1/16 x 3/8	15,279	50	
H926BRR	4 x 1/16 x 1/2	15,279	50	
H927BRR	4 x 1/16 x 5/8	15,279	50	
H928BRR	4 x 1/16 x 3/4	15,279	50	
H929BRR	4 x 1/16 x 7/8	15,279	50	
H934BRR	4 x 1/8 x 1/4	15,279	25	
H935BRR	4 x 1/8 x 3/8	15,279	25	
H936BRR	4 x 1/8 x 1/2	15,279	25	
H945BBR	4 x 1/4 x 3/8	15,279	15	
H947BBR	4 x 1/4 x 5/8	15,279	15	
H965BBR	4 x 1/2 x 3/8	13,560	10	



4 inch wheels

4 1/2 inch wheels

4 1/2 inch

Item #	Description/inches	RPM	Standard Pack	List Price Ea.
H016BRR	4 1/2'x'1/32'x'5/8	13,581	50	
H018BRR	4 1/2'x'1/32'x'7/8	13,581	50	
H020BRR	4 1/2'x'1/16'x'7/8	13,581	50	
H026BRR	4 1/2'x'1/16'x'1/2	13,581	50	
H027BRR	4 1/2'x'1/16'x'5/8	13,581	50	
H087BRR	4 1/2'x'3/32'x'5/8	13,581	25	
H088BRR	4 1/2'x'3/32'x'7/8	13,581	25	
H030BRR	4 1/2'x'1/8'x'7/8	13,581	25	
H037BRR	4 1/2'x'1/8'x'5/8	13,581	25	
H045BBR	4 1/2'x'1/4'x'3/8	13,581	15	
H047BBR	4 1/2'x'1/4'x'5/8	13,581	15	
H048BBR	4 1/2'x'1/4'x'7/8	13,581	15	

4 1/2 inch wheels

circular saws

Hummer® Abrasives has a wide range of faster, longer lasting solutions to metal cutting in circular saws. Cut pipe, masonry, angle iron, structural materials, clay pipe, concrete, and more.

Item #	Description/inches	RPM	Standard Pack	List Price Ea.
Metal Cutting: General purpose, pipe, angle iron, structural materials, mild steels, decking, etc.				
HBRMAMET	6 x 1/8 x 5/8	9400	10	
HBRMCMET	7 x 1/8 x 5/8	8731	10	
HBRMDMET	8 x 1/8 x 5/8	7639	10	
Combo-Blades: Convenient cutting of metal and masonry, including brick, block, sheet metal, pipe, etc.				
HBRMACOM	6 x 1/8 x 5/8	9400	10	
HBRMCCOM	7 x 1/8 x 5/8	8731	10	
HBRMDCOM	8 x 1/8 x 5/8	7639	10	
Masonry: Masonry Cutting: Brick, block, concrete, ceramic tile, etc.				
HBRMAMAS	6 x 1/8 x 5/8	9400	10	
HBRMCMAS	7 x 1/8 x 5/8	8731	10	
HBRMDMAS	8 x 1/8 x 5/8	7639	10	

portable chop saws

Portable chop saws:

For metal cutting in low horsepower chop saws. Special formulations are available for (1) general purpose metal cutting, (2) metal studs, (3) masonry and (4) ductile iron.

High speed portable machines: Use in both portable gas or electric saws.

Item #	Description/inches	RPM	Standard Pack	List Price Ea.
General Purpose Metal				
COBG89METCS	12 x 3/32 x 1	5093	10	
COBH89METCS	14 x 3/32 x 1	4365	10	
Metal Studs				
COB12STUDKUT	12 x 3/32 x 1	5093	10	
COB14STUDKUT	14 x 3/32 x 1	4365	10	
Ductile Iron				
COB12DUCTILE	12 x 3/32 x 1	5093	10	
COB14DUCTILE	14 x 3/32 x 1	4365	10	
Masonry				
COBG39MASGP	12 x 1/8 x 1	5093	10	
COBH39MASGP	12 x 1/8 x 1	4365	10	



high speed portable machines

Item #	Description/inches	RPM	Standard Pack	List Price Ea.
Metal Cutting				
COBG3MMETGF	12 x 1/8 x 20MM	6400	10	
COBG38METGF	12 x 1/8 x 7/8	6400	10	
COBG39METGF	12 x 1/8 x 1	6400	10	
COBH3MMETGF	14 x 1/8 x 20MM	5400	10	
COBH39METGF	14 x 1/8 x 1	5400	10	
Ductile Cutting				
COB12MDUCTILGF	12 x 1/8 x 20MM	6400	10	
COB12DUCTILEGF	12 x 1/8 x 1	6400	10	
COB14MDUCTILEGF	14 x 1/8 x 20MM	5400	10	
COB14DUCTILE	14 x 1/8 x 1	5400	10	
Masonry Cutting				
COBG3MMASGF	12 x 1/8 x 20MM	6400	10	
COBG38MASGF	12 x 1/8 x 7/8	6400	10	
COBG39MASGF	12 x 1/8 x 1	6400	10	
COBH3MMASGF	14 x 1/8 x 20MM	5400	10	
COBH39MASGF	14 x 1/8 x 1	5400	10	



stationary chop saws

Item #	Description/inches	RPM	Standard Pack	List Price Ea.
Metal Cutting				
COBE27METGP	10 x 1/16 x 5/8	6112	10	
COBE37METGP	10 x 1/8 x 5/8	6112	10	
COBG39METGP	12 x 1/8 x 1	5093	10	
COBH39METGP	14 x 1/8 x 1	4365	10	
Masonry/General Purpose				
COBE37MASGP	10 x 1/8 x 5/8	6112	10	
COBG39MASGP	12 x 1/8 x 1	5093	10	
COBH39MASGP	14 x 1/8 x 1	4365	10	

gas powered saws

Item #	Description/inches	RPM	Standard Pack	List Price Ea.
COBG79CCON	12 x 3/16 x 1 PH - Cured	5093	5	
COBH79CCON	14 x 3/16 x 1 PH - Cured	4365	5	
COBG79GCON	12 x 3/16 x 1 PH - Green/Asphalt	5093	5	
COBH79GCON	14 x 3/16 x 1 PH - Green/Asphalt	4365	5	

Safety

Today's grinders are operating at unprecedented speeds. Safety is a key element of our product design. We are able to test our product designs to their

failure point. We want that failure point to be well beyond the operating conditions of the job.

Packaging

Packaging is the final step in our product development process. We can generate labels for our products that will include

all the necessary information to help the customer receive, store, and use the product in the most efficient way.

Call Today 219.844.2695

Distributor discounts are available. Please call and speak with a customer service representative at 219.844.2695.

Calumet Abrasives, the makers of Welderaser and Cabco grinding wheels, has been in business since 1945, manufacturing a custom product directly for the end user. Whether you are the end user or distributor we can provide you with a wide range of services including:

- Private labeling and packaging exactly to your specifications
- The capability to custom engineer your product to provide additional value added benefits
- A higher end product to add to your existing line
- We will do the formula and safety testing to meet your tailored need and function



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