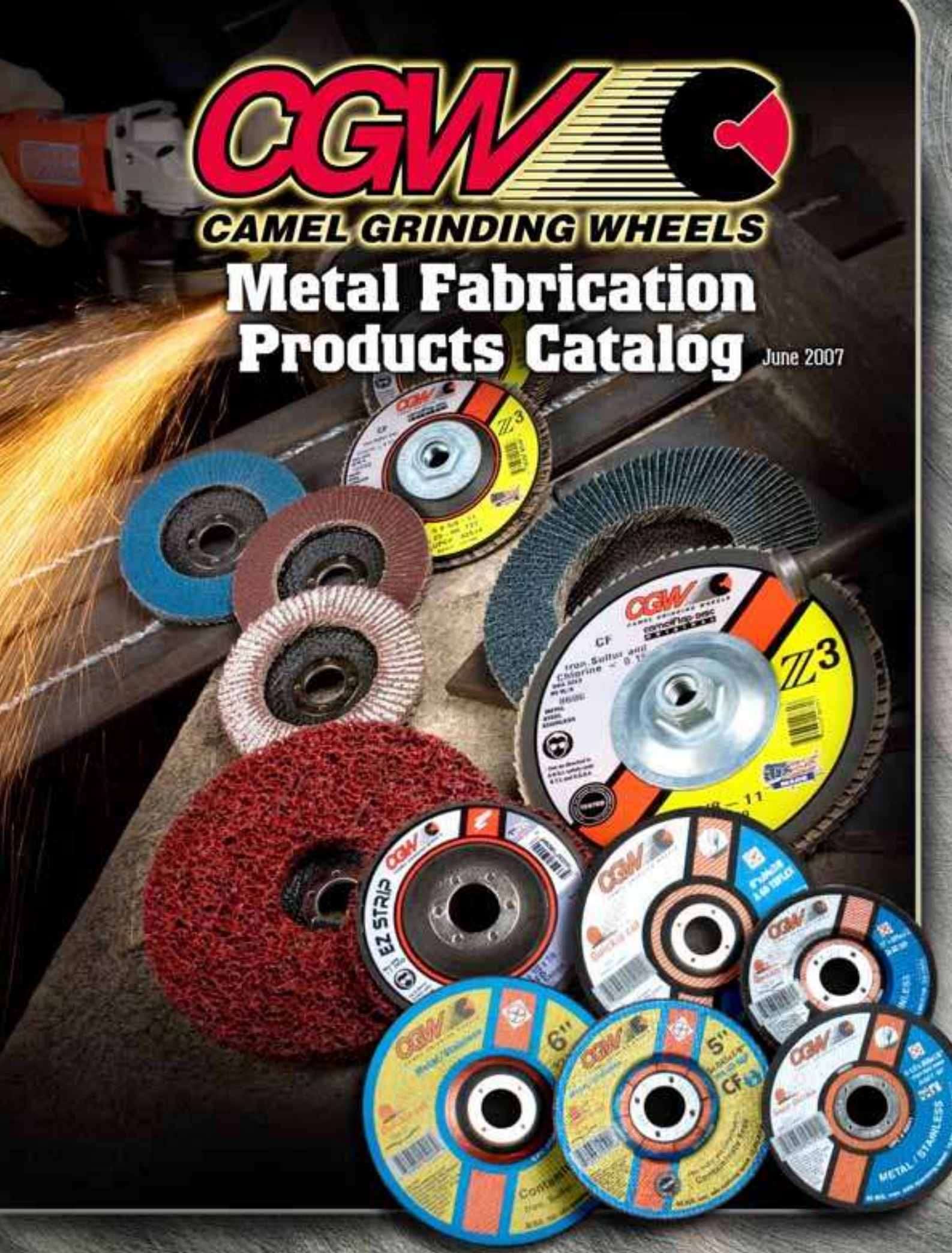


CGW

CAMEL GRINDING WHEELS

Metal Fabrication Products Catalog

June 2007



High-Speed Reinforced Cut-Off Wheels - Type 1

A: Aluminum Oxide - Metal & Steel



Type 1

Die Grinder



USA Made

UPC#	SIZE	SPEC.	RPM	CARTON QTY
35687	1 1/2 x 1/32 x 1/4	A60-R-BF	45,000	50
35688	1 1/2 x 1/16 x 1/4	A60-R-BF	45,000	50
35689	2 x 1/32 x 3/8	A60-R-BF	30,000	50
45066	2 x 1/16 x 1/4	A60-R-BF	30,000	50
35690	2 x 1/16 x 3/8	A60-R-BF	30,000	50
35691	2 x 1/8 x 3/8	A24-R-BF	30,000	50
35500	3 x 1/32 x 1/4	A60-R-BF	23,900	50
35501	3 x 1/32 x 3/8	A60-R-BF	23,900	50
35502	3 x 1/16 x 1/4	A36-R-BF	23,900	50
35503	3 x 1/16 x 3/8	A36-R-BF	23,900	50
45085	3 x 1/16 x 1/4	A60-R-BF	23,900	50
45086	3 x 1/16 x 3/8	A60-R-BF	23,900	50
35504	3 x 1/8 x 1/4	A24-R-BF	23,900	50
35505	3 x 1/8 x 3/8	A24-R-BF	23,900	50
35506	4 x 1/32 x 1/4	A60-R-BF	19,100	50
35507	4 x 1/32 x 3/8	A60-R-BF	19,100	50
35508	4 x 1/16 x 1/4	A36-R-BF	19,100	50
35509	4 x 1/16 x 3/8	A36-R-BF	19,100	50
45087	4 x 1/16 x 3/8	A60-R-BF	19,100	50
45088	4 x 1/16 x 1/4	A60-R-BF	19,100	50
35510	4 x 1/16 x 5/8	A36-R-BF	19,100	50
35511	4 x 1/8 x 1/4	A24-R-BF	19,100	50
35512	4 x 1/8 x 3/8	A24-R-BF	19,100	50

Cut-Off Wheel Mandrel Adaptor



Cut-Off Wheel Mandrel Adaptor

UPC#	SIZE/SPEC.	CARTON QTY
48227	1/4"-3/8" Mandrel Adaptor	1
48245	3/8"-24 Mandrel Adaptor	1



Zirconia Premium Cut-Off Wheels - Type 1

ZA: Zirconia Aluminum Oxide – Metal, steel and stainless. Longer lasting life and easy cutting action.



Die Grinder



Zirconia

UPC#	SIZE	SPEC.	RPM	CARTON QTY
36175	3 x 1/32 x 1/4	ZA60-T-BF	23,900	50
36176	3 x 1/32 x 3/8	ZA60-T-BF	23,900	50
36173	3 x 1/16 x 1/4	ZA60-T-BF	23,900	50
36174	3 x 1/16 x 3/8	ZA60-T-BF	23,900	50
36179	4 x 1/32 x 1/4	ZA60-T-BF	19,100	50
36180	4 x 1/32 x 3/8	ZA60-T-BF	19,100	50
36177	4 x 1/16 x 1/4	ZA60-T-BF	19,100	50
36178	4 x 1/16 x 3/8	ZA60-T-BF	19,100	50



Fast Cut Wheels - Type 1

A: Aluminum Oxide Grain – Economical choice for metal, steel and general applications.



Fast Cut

UPC#	SIZE	SPEC.	RPM	CARTON QTY
59102	3 x 1/32 x 1/4	A60-R-BF	23,900	50
59103	3 x 1/32 x 3/8	A60-R-BF	23,900	50
59104	3 x 1/16 x 1/4	A36-R-BF	23,900	50
59105	3 x 1/16 x 3/8	A36-R-BF	23,900	50
59106	4 x 1/32 x 1/4	A60-R-BF	19,100	50
59107	4 x 1/32 x 3/8	A60-R-BF	19,100	50
59108	4 x 1/16 x 3/8	A36-R-BF	19,100	50

HIGH-SPEED REINFORCED CUT-OFF WHEELS

7" Circular Saw Cut-Off Wheels - Type 1

Description and Applications

- A: Aluminum Oxide – Metal & Steel
- C: Silicon Carbide – Stone/Concrete
- .045 wheels extra thin for faster cutting with less resistance.



UPC#	SIZE	SPEC.	RPM	CARTON QTY
37573	7 x .045 x 5/8	A60-S-BF	8,600	25
37574	7 x .045 x 5/8	C30-R-BF	8,600	25
35573	7 x 3/32 x 5/8-◆	A24-R-BF	8,600	25
37574	7 x 3/32 x 5/8-◆	C24-R-BF	8,600	25

New ***Fast Cut***

- Economical choice for metal, steel and general applications.

UPC#	SIZE	SPEC.	RPM	CARTON QTY
59109	7 x 3/32 x 5/8-◆	A24-R-BF	8,600	25
59110	7 x 3/32 x 5/8-◆	C24-R-BF	8,600	25

10"-20" Stationary Saw Cut-Off Wheels - Type 1

Description and Applications

Stationary saw cut-off wheels cut structural steel, bar stock, tubing and non-ferrous metals.

- A: Aluminum Oxide – Metal & Steel
- C: Silicon Carbide – Stone/Concrete
- WA: White Aluminum Oxide – Excellent on stainless steel, and ferrous metals
- ZA: Zirconia Aluminum Oxide – Metal, Steel & Stainless



Stationary Saw

UPC#	SIZE	SPEC.	RPM	CARTON QTY
35577	10 x 1/16 x 5/8	A24-R-BF	6,110	10
35578	10 x 3/32 x 5/8	A24-R-BF	6,110	10
35579	10 x 1/8 x 5/8	A24-R-BF	6,110	10
35580	10 x 1/8 x 1	A24-R-BF	6,110	10
45071	12 x 1/16 x 1	A46-T-BF	5,100	10
45072	12 x 1/16 x 1 1/4	A46-T-BF	5,100	10
35581	12 x 1/8 x 1	A24-R-BF	5,100	10
35582	14 x 1/8 x 1	A24-R-BF	4,400	10
37671	14 x 1/8 x 1	C24-R-BF	4,400	10
45089	14 x 1/8 x 1	WA24-S-BF	4,400	10
35584	16 x 5/32 x 1	A24-R-BF	3,820	10
37673	16 x 5/32 x 1	A24-T-BF	3,820	10
35585	18 x 5/32 x 1	A24-R-BF	3,300	10
35586	20 x 5/32 x 1	A24-R-BF	3,100	10
36153	20 x 3/16 x 1	ZA24-R-BF	3,100	10

New Fast Cut

- Economical choice for metal, steel and general applications.

UPC#	SIZE	SPEC.	RPM	CARTON QTY
36233	14 x 1/8 x 1	A24-Q-BF	4,400	10

Application Chart - Stationary Saw Cut-Off Wheels

SPEC.	Angle Iron – General Iron / Steel Bar	Metal Decking & Cable Pipe Line	Wall Studs	High Tensile Steel	Stainless Steel Sheets	Stainless Steel Bars	Rail Cutting	Cast Steel	Gray Cast Iron	Ductile Iron Pipe & Concrete	Aluminum Alloys	Copper	Brass, Bronze	Titanium	Asphalt / Green Concrete	Concrete	Roof – Tiles	Slate	Masonry	Marble	Paving Bricks	Firing Bricks	Solid Bricks	Clay Pipe
A24R	✓	✓	•	✓	•	•	•	•	✓	✓														
C24R										•	•	✓	✓	✓	•	✓	✓	✓	✓	✓	✓	✓	✓	✓
ZA24R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓										
	FERROUS METALS							CASTINGS		NON-FERROUS METALS				MASONRY										

- ✓ = Recommended
- = May Be Used

12"-16" Chop Saw Wheels - Type 1

Description and Applications

- A: Aluminum Oxide – Metal & Steel. 14" available in single and double fiberglass reinforced.
- *Fast Cut*: Economical choice for metal, steel and general applications.
- ALU: Aluminum Oxide – Special non-loading formulation for cutting aluminum.
- WA: White Aluminum Oxide – Excellent on stainless steel, ferrous metals.
- ZA: Zirconia Aluminum Oxide – Metal & Stainless; High performance cutting, recommended on thicker stock applications such as angle iron, angle bars.



Chop Saw



12-16" Double Reinforced - General Purpose

UPC#	SIZE	SPEC.	RPM	CARTON QTY
35575	12 x 3/32 x 1	A36-P-BF	5,100	10
35576	14 x 3/32 x 1	A36-P-BF	4,400	10
36133	16 x 3/32 x 1	A36-P-BF	3,820	10

New

14" Double Reinforced - General Purpose - *Fast Cut*

UPC#	SIZE	SPEC.	RPM	CARTON QTY
36234	14 x 7/64 x 1	A36-S-BF	4,400	10

14" Single Reinforced - General Purpose

UPC#	SIZE	SPEC.	RPM	CARTON QTY
35670	14 x 3/32 x 1	A30-P-BF	4,400	10

14" Double Reinforced - Aluminum

UPC#	SIZE	SPEC.	RPM	CARTON QTY
36122	14 x 3/32 x 1	A30-N-BF	4,400	10



5-Pack Merchandiser

UPC#	SIZE	SPEC.	RPM	CARTON QTY
35686	14 x 3/32 x 1	A30P SR	4,400	10
35685	14 x 3/32 x 1	A36P DR	4,400	10

*SR=Single or internal reinforced chop saw blade

**DR=Double reinforced chop saw blade

14" Chop Saw Wheels - Type 1

Description and Applications

- A: Aluminum Oxide – Metal & Steel.
- WA: White Aluminum Oxide – Excellent on stainless steel, ferrous metals.
- ZA: Zirconia Aluminum Oxide – Metal & Stainless; High performance cutting, recommended on thicker stock applications such as angle iron, angle bars.



14" Double Reinforced - Angle Iron/Heavy Bars

- Zirconia grain, excellent on all ferrous metal applications, especially thicker stock
- **Our #1 performing chop saw cut-off wheel.**

Chop Saw



UPC#	SIZE	SPEC.	RPM	CARTON QTY
36125	14 x 3/32 x 1	ZA24-S-BF	4,400	10

14" Double Reinforced - MR Stud

- Designed for drywall stud, aluminum shelving, thin metal

UPC#	SIZE	SPEC.	RPM	CARTON QTY
36124	14 x 3/32 x 1	A30-R-BF	4,400	10

14" Single Reinforced - Stainless

- Designed for stainless steel applications
- Contamination Free, Fe+S+Cl≤0.1%
- No iron, sulfur or chlorine



UPC#	SIZE	SPEC.	RPM	CARTON QTY
36123	14 x 3/32 x 1	WA36-P-BF	4,400	10

Application Chart - Chop Saw Wheels

SPEC.	Angle Iron - General Iron / Steel Bar	Metal Decking & Cable Pipe Line	Wall Studs	High Tensile Steel	Stainless Steel Sheets	Stainless Steel Bars	Rail Cutting	Cast Steel	Gray Cast Iron	Ductile Iron Pipe & Concrete	Aluminum Alloys	Copper	Brass, Bronze	Titanium
A36P / A302P*	✓	✓	•	•	✓	•	•	•	•	•	•	•	•	•
A30R-Mr Stud			✓											
A30N-ALU									•		✓	•	•	•
WA36P				✓	✓	✓								
ZA24S	✓	✓	✓	✓	✓	✓	✓	•	•	•				

*A302 is single reinforced (SR). The SR blades have a lower G-ratio but higher cutting rate compared to the double reinforced.

- ✓ = Recommended
- = May Be Used

FERROUS METALS

CASTINGS

NON-FERROUS METALS

12"-16" High Speed Cut-Off Wheels - Type 1

Description and Applications

- A24R: Aluminum Oxide – Metal & Steel, Stainless, general purpose. 14" are available in both double and triple reinforced.
- A24T: Aluminum Oxide – Metal Decking & Cable. Harder bond for more cuts on thinner metals. 14" are triple reinforced.
- AC: (Mix of A/C) – Used on Ductile Iron. 14" are available in both double and triple reinforced.
- C16: Silicon Carbide – Asphalt/Green Concrete
- C24: Silicon Carbide – Stone/Concrete
- **EB – Electronically Balanced.** All 12-14" wheels are automatically balanced during manufacturing. All 12-14" wheels are guaranteed to be less than 3 and 3.5 grams out of balance. CGW wheels are safer, cause less vibration and are more consistent.
- CGW uses heavy duty fiberglass reinforcement, so our 12-14" high speed wheels meet speed specifications for all machines on the market.
- Premium 14" A24R, A24T, AC & 16" wheels are **triple reinforced (TR)** to provide extra safety.
- 12 & 14" wheels can be used with both gas and electric high speed machines.
- 12 & 14" wheels sold in (2) 10 piece retail packs and are master packed (contains 20 pieces).



12-16" A24-R, Metal, Steel, Stainless General Purpose

UPC#	SIZE	SPEC.	RPM	RETAIL PACK	MASTER PACK
35587	12 x 5/32 x 20mm	A24-R-BF	6,400	10	20
35589	12 x 5/32 x 1	A24-R-BF	6,400	10	20
36158	14 x 5/32 x 20mm	A24-R-BF	5,500	10	20
36159	14 x 5/32 x 1	A24-R-BF	5,500	10	20
35599	14 x 5/32 x 20mm	A24-R-BF TR	5,500	10	20
35600	14 x 5/32 x 1	A24-R-BF TR	5,500	10	20
36142	16 x 5/32 x 20mm	A24-R-BF TR	4,800	10	20
36143	16 x 5/32 x 1	A24-R-BF TR	4,800	10	20

New



12-14" A24-T, Metal Decking & Cable, Thinner Metals

UPC#	SIZE	SPEC.	RPM	RETAIL PACK	MASTER PACK
36114	12 x 5/32 x 20mm	A24-T-BF	6,400	10	20
36115	12 x 5/32 x 1	A24-T-BF	6,400	10	20
36113	14 x 5/32 x 20mm	A24-T-BF TR	5,500	10	20
36126	14 x 5/32 x 1	A24-T-BF TR	5,500	10	20

TR=Triple Reinforced

12"-16" High Speed Cut-Off Wheels - Type 1

Description and Applications

- AC: (Mix of A/C) – Used on Ductile Iron. 14" are available in both double and triple reinforced.
- C16: Silicon Carbide – Asphalt/Green Concrete
- C24: Silicon Carbide – Stone/Concrete
- 
EB – Electronically Balanced. All 12-14" wheels are automatically balanced during manufacturing. All 12-14" wheels are guaranteed to be less than 3 and 3.5 grams out of balance. CGW wheels are safer, cause less vibration and are more consistent.
- 
Premium 14" A24R, A24T, AC & 16" wheels are triple reinforced (TR) to provide extra safety.



12-16" wheels for metal and masonry cutting applications.

12-16" AC24-R, Ductile Iron

UPC#	SIZE	SPEC.	RPM	RETAIL PACK	MASTER PACK
35590	12 x 5/32 x 20mm	AC24-R-BF	6,400	10	20
35592	12 x 5/32 x 1	AC24-R-BF	6,400	10	20
36160	14 x 5/32 x 20mm	AC24-R-BF	5,500	10	20
36161	14 x 5/32 x 1	AC24-R-BF	5,500	10	20
35601	14 x 5/32 x 20mm	AC24-R-BF TR	5,500	10	20
35602	14 x 5/32 x 1	AC24-R-BF TR	5,500	10	20
36144	16 x 5/32 x 20mm	AC24-R-BF TR	4,800	10	20
36145	16 x 5/32 x 1	AC24-R-BF TR	4,800	10	20

New

12-16" C24-R, Stone/Concrete

UPC#	SIZE	SPEC.	RPM	RETAIL PACK	MASTER PACK
35596	12 x 5/32 x 20mm	C24-R-BF	6,400	10	20
35598	12 x 5/32 x 1	C24-R-BF	6,400	10	20
35605	14 x 5/32 x 20mm	C24-R-BF	5,500	10	20
35606	14 x 5/32 x 1	C24-R-BF	5,500	10	20
36146	16 x 5/32 x 20mm	C24-R-BF TR	4,800	10	20
36147	16 x 5/32 x 1	C24-R-BF TR	4,800	10	20

12-14" C16-U, Asphalt/Green Concrete

UPC#	SIZE	SPEC.	RPM	RETAIL PACK	MASTER PACK
35593	12 x 5/32 x 20mm	C16-U-BF	6,400	10	20
35595	12 x 5/32 x 1	C16-U-BF	6,400	10	20
35603	14 x 5/32 x 20mm	C16-U-BF	5,500	10	20
35604	14 x 5/32 x 1	C16-U-BF	5,500	10	20

14" Walk Behind Saw Wheels with Pinhole

Description and Applications

- C16: Silicon Carbide – Asphalt/Green Concrete
- C24: Silicon Carbide – Stone/Concrete



Walk Behind Saws

14" wheels for Walk Behind Saws - Asphalt/concrete



14" Walk Behind Saw Wheels with Pinhole

UPC#	SIZE	SPEC.	RPM	CARTON QTY
35608	14 x 3/16 x 1 + PH	C16-U-BF	5,500	10
37672	14 x 3/16 x 1 + PH	C24-R-BF	5,500	10

Application Chart - 12-16" High Speed Cut-Off Wheels

SPEC.	Angle Iron – General Iron / Steel Bar	Metal Decking & Cable Pipe Line	Wall Studs	High Tensile Steel	Stainless Steel Sheets	Stainless Steel Bars	Rail Cutting	Cast Steel	Gray Cast Iron	Ductile Iron Pipe & Concrete	Aluminum Alloys	Copper	Brass, Bronze	Titanium	Asphalt / Green Concrete	Concrete	Roof – Tiles	Slate	Masonry	Marble	Paving Bricks	Firing Bricks	Solid Bricks	Clay Pipe
A24R	✓	✓	•	✓	•	✓	✓	•	✓	✓														
A24T	✓	✓	✓	✓	✓	✓	✓																	
AC24R										✓														
C24R									•	•		✓	✓	✓	•	✓	✓	✓	✓	✓	✓	✓	✓	✓
C16U															✓									

FERROUS METALS

CASTINGS

NON-FERROUS METALS

MASONRY

- ✓ = Recommended
- = May Be Used