

CGW

CAMEL GRINDING WHEELS

Cutting and Grinding Products Catalogue



CGW Abrasives

Established in 1956, CGW has gained international recognition for its broad range of high-quality bonded and coated abrasive products. Since the 2000 opening of a new automated facility dedicated to the manufacture of cutting and grinding wheels, CGW has made great strategic advances in this market. Today CGW supplies abrasive wheels to 38 countries world-wide, where they are a popular choice in welding and building applications, as well as in railway construction and the aerospace and petroleum industries.

CGW production is based on the most advanced technologies, strictly complies with EN and oSa standards, and is ISO 9001-certified.

Why CGW? - Our Philosophy



★ QUALITY

CGW state-of-the-art manufacturing technology is the key to consistent high quality. Our automatic production line provides the following advantages:

- ★ EB – ELECTRONICALLY BALANCED

Each and every wheel is electronically balanced, resulting in less vibration during operation.

- ★ ENHANCED CONSISTENCY

A state-of-the-art mixing-room is the key to consistent, free-flowing, homogeneous mixtures. This, together with CGW's unique feeding and measuring system, assures the high consistency of our products.

★ ISO 9001

As a certified ISO 9001 company, CGW observes the most stringent quality control.

★ SAFETY

CGW is a member of oSa, the European Organization for the Safety of Abrasives.

Although accidents cannot be eliminated completely, the risk to the user can be significantly reduced when abrasive products are manufactured to uniform high safety standards. This is what the members of oSa have undertaken to do. The oSa trademark signifies these important advantages:

- ★ The Quality Management System ensures that only safe, high quality abrasive products are produced and marketed, resulting in
- ★ Reduced liability risk.

★ INNOVATION

CGW's R&D team work together with CGW field engineers to assure constant improvement and innovation.

★ COST-EFFECTIVENESS

CGW's cost-effectiveness ratio is second to none, saving customers' time and money.

★ SERVICE

"CGW - The best service in the world" is more than just a slogan! At CGW, you the customer are a true business partner.



We don't say we invented the wheel – We just know how to make it better!



CGW Abrasive Types

- A - Aluminium Oxide:** The most common of all grains, used for heavy-duty, general-purpose work.
- WA - White Aluminium Oxide:** The high friability of this grain gives it the characteristic of fast and cool cutting, used for light grinding of steels of all kinds, particularly on tool and stainless steel.
- ZA - Zirconia Aluminium Oxide:** High performance grinding and very long life. Excellent on ferrous metals, castings and stainless steel.
- C - Silicon Carbide:** For grinding masonry, concrete, stone, and non-ferrous metals.

Technical Info

Grinding Wheel Quality

The quality of grinding wheel performance is related to the specific conditions of a given application, such as type of machine and composition of workpiece, and is evaluated according to two criteria: G-Ratio and Efficiency.

1) G-Ratio or Grinding Ratio

In **grinding applications** this is the ratio of the weight of material removed to the loss of grinding wheel weight over a given period of time.

This ratio is equivalent to the length of wheel life for a specific application.

In **cutting applications**, it is the ratio of the area of material cut to the area of the cut-off wheel lost. The higher the ratio, the more work the wheel will do.

G-RATIO CALCULATION

GRINDING APPLICATIONS

$$G = \frac{\text{material removed (gr.)}}{\text{wheel weight loss (gr.)}}$$

CUTTING APPLICATIONS

$$G = \frac{\text{section area x no. of cuts (cm}^{\wedge 2}\text{)}}{\text{wheel area loss (cm}^{\wedge 2}\text{)}}$$

2) Efficiency

This indicates the rate of material removal (grams/min.) in **grinding applications**, or the total area of the material that has been cut in a given period of time (cm²/min.) in **cutting applications**.

EFFICIENCY CALCULATION

GRINDING APPLICATIONS

$$E = \frac{\text{material removed (gr.)}}{\text{test period (min.)}}$$

CUTTING APPLICATIONS

$$Q = \frac{\text{section area x no. of cuts (cm}^{\wedge 2}\text{)}}{\text{test period (min.)}}$$



Application Guide

TECHNICAL INFO

Ferrous Metals

Application	Spec.	Cutting						Grinding			
		A 24 R	A 30 R	A 36 T	A 46 T	A 24 S	ALU 36 N	WA 24 S	WA 30 S	WA 36 S	C 24 R
Angle Iron - General	✓	✓	✓	✓	•	•	•	•	•	•	✓
Iron / Steel Bar	✓	✓	✓	✓	•	•	•	•	•	•	✓
Metal Decking & Cable	•	•	•	•	✓	•	•	•	•	•	✓
Pipeline	✓	✓	✓	✓	•	•	•	•	•	•	✓
Wall Studs	✓	✓	✓	✓	•	•	•	•	•	•	✓
High Tensile Steel	✓	✓	✓	✓	•	•	•	•	•	•	✓
Stainless Steel Sheets	•	•	✓	✓	•	✓	✓	✓	✓	✓	•
Stainless Steel Bars	•	•	•	•	•	✓	✓	✓	✓	✓	•
Rails	•				✓						✓
Cast Steel	•	•	•	•	•	•	•	•	•	✓	•
Grey Cast Iron	•	•	•	•	•	•	•	•	•	✓	•
Ductile Iron	•	•	•	•	•	•	•	•	•	✓	•
Aluminium Alloys	•	•	•	•	•	✓	•	•	•	•	•
Copper	•	•	•	•	•	✓	•	•	•	•	•
Brass, Bronze	•	•	•	•	•	✓	•	•	•	•	•
Titanium	•	•	•	•	•	•	•	•	•	✓	•
Asphalt / Green Concrete									✓		✓
Concrete									✓		✓
Roof Tiles									✓		✓
Slate									✓		✓
Masonry									✓		✓
Marble									✓		✓
Paving Bricks									✓		✓
Firing Bricks									✓		✓
Solid Bricks									✓		✓
Clay Pipe									✓		✓

✓ = Recommended

• = May be used

Safety Guide for Use of Abrasive Wheels

General Safety Guide

Bonded abrasive products are breakable and shall therefore be handled with utmost care. The use of damaged, improperly mounted or improperly used abrasive products is dangerous and can cause serious injuries.

Delivery, Handling and Storage

- Abrasive products shall be handled and transported with care.
- Abrasive products shall be stored in such a manner that they are not subjected to mechanical damage and/or a high level of humidity.

Selection of the Abrasive Product

- Information on the label or the abrasive product, as well as restrictions of use, safety indications or any other instruction, shall be followed.
- Wheels used on any machine shall only be of a type for which the machine is designed.

Inspection

- Prior to mounting, all abrasive wheels shall be visually inspected. Wheels which show evidence of cracks, abusive handling or abusive storage must not be mounted.

Operating Speed

- Machine speed shall be set and measured to make sure that it does not exceed the maximum operating speed designated for the abrasive wheel (ILL. 1).



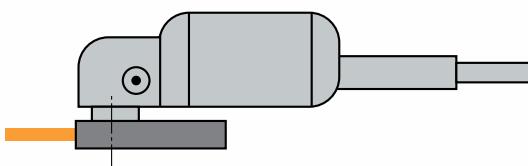
ILL. 1
OBSERVE MAXIMUM SAFE OPERATING SPEED

Mounting

- The mounting of abrasive wheels shall be carried out according to the instructions provided by both the wheel and the machine manufacturers.
- Mounting of abrasive products shall be carried out by a qualified trained person.
- Flanges and adaptors shall be checked for flatness of bearing surface. Sprung or warped flanges or adaptors, or those which are not clean and free of burrs, must not be used.
- The spindle end nut shall be tightened only enough to drive the wheel and prevent slippage.
- All newly mounted wheels shall be run at operating speed for at least ten seconds before applying to workpiece. During this time no one shall stand in front of or in line with the wheel, and the maximum safe operating speed must not be exceeded.
- In the case of strong vibrations during the test run, the machine shall be stopped, the tightening nut released, the wheel remounted, and the machine restarted. If the strong vibrations persist, the wheel must not be used.
- Arbor hole size: Abrasive wheels shall fit freely but not loosely on the machine spindle. The size of the arbor hole must not be altered to fit the spindle.

Mounting - cont.

- At the completion of wheel mounting, a safety guard covering at least one half of the wheel shall be in place (ILL. 2). All safety guard fasteners shall be in place and properly tightened. Grinding wheels must not be operated on any machine which has had its safety guard removed.

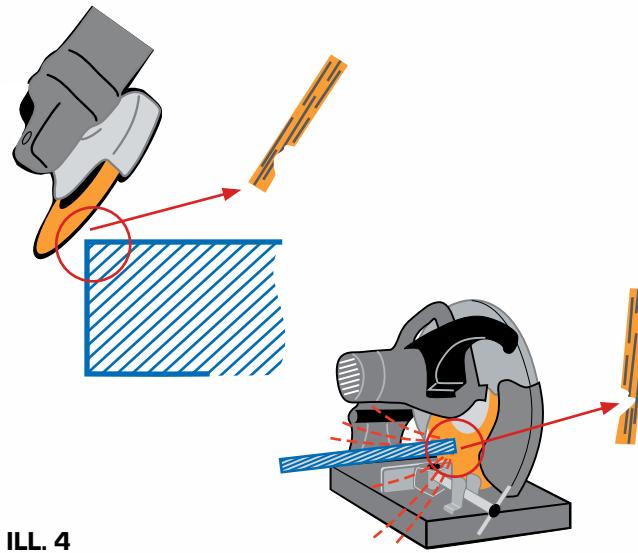


ILL. 2

GUARD COVERS AT LEAST 1/2 OF WHEEL

Operation

- Care shall be taken not to apply excessive pressure between the abrasive wheel and the workpiece, and to prevent the machine from slowing noticeably or the workpiece from becoming overheated.
- Grinding must not be performed on the side of the wheel (ILL. 4).



ILL. 4

DON'T GRIND ON SIDE OF WHEEL

Personal protection

- Safety goggles or safety spectacles shall be worn by all personnel exposed to grinding operations (ILL. 3).
- Where necessary, additional personal protective equipment shall be used, such as face protection, ear protection, respiratory devices, aprons, protective footwear; and protective gloves (ILL. 3).



ILL. 3

WEAR PERSONAL PROTECTIVE EQUIPMENT

Stopping the machine

- When shutting down a wet grinding operation, the coolant must first be shut off and the wheel allowed to rotate until the coolant has been spun out.
- Before placing the hand-held grinding machine on the workbench or floor it shall be ensured that the abrasive wheel has come to a complete stop.

SMALL HIGH-SPEED CUT-OFF WHEELS

Organization for the Safety of Abrasives



CGW small high-speed cut-off wheels are designed for sharp, clean cutting action on carbon steel, stainless and other alloys.

Type 1



Portable Pneumatic Grinders

Metal and Steel Cutting: A - Aluminium Oxide

EAN No.	SIZE (mm)	SPECIFICATION	TYPE	M/S	Max. R.P.M.	Package Qty
638642	100 x 1 x 16	A 46 T BF	T-1	100	19,000	25
638659	100 x 1.6 x 16	A 36 T BF	T-1	100	19,000	25
639526	100 x 2 x 16	A 36 T BF	T-1	100	19,000	25
639533	100 x 2.5 x 16	A 30 R BF	T-1	100	19,000	25
313853	100 x 3 x 16	A 24 R BF	T-1	100	19,000	50

Stainless Steel Cutting: WA - White Aluminium Oxide

461493	100 x 1 x 16	WA 46 S BF	T-1	100	19,000	25
312283	100 x 1.6 x 16	WA 36 S BF	T-1	100	19,000	25
639540	100 x 2 x 16	WA 36 S BF	T-1	100	19,000	25
639557	100 x 2.5 x 16	WA 30 S BF	T-1	100	19,000	25
639564	100 x 3 x 16	WA 24 S BF	T-1	100	19,000	50

Stone/Concrete Cutting: C - Silicon Carbide

315161	100 x 3 x 16	C 24 R BF	T-1	100	19,000	50
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Application Chart - Small High-Speed Cut-Off Wheels

SPEC.	Angle Iron - General	Iron/Steel Bar	Metal Decking & Cable	Pipeline	Wall Studs	High Tensile Steel	Stainless Steel Sheets	Stainless Steel Bars	Aluminium Alloys	Copper	Brass, Bronze	Titanium	Asphalt/Green Concrete	Concrete	Roof Tiles	Slate	Masonry	Marble	Paving Bricks	Firing Bricks	Solid Bricks	Clay Pipe
A 24, 30 R	✓	✓	✓	✓	✓	✓	•	•	•	•	•											
A 46, 36 T	✓	✓	✓	✓	✓	✓	✓	✓	•	•	•	•										
WA 46, 36, 30, 24 S	•	•	•	•	•	•	✓	✓														
C 24 R										✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

✓ = Recommended
• = May be used

FERROUS METALS

NON-FERROUS METALS

MASONRY

THIN CUT-OFF WHEELS

Metal and Steel Cutting

A - Aluminium Oxide

CGW thin cut-off wheels give maximum utility and cut capacity on standard portable machines. They are highly recommended for cutting metal profile, steel mesh, stainless steel and aluminium.



EAN No.	SIZE (mm)	SPECIFICATION	TYPE	M/S	Max. R.P.M.	Package Qty
497751	115 x 1 x 22.23	A 46 T BF	T-1	80	13,300	25
311842	115 x 1.6 x 22.23	A 36 T BF	T-1	80	13,300	25
457854	115 x 2 x 22.23	A 36 T BF	T-1	80	13,300	25
640133	115 x 2.5 x 22.23	A 30 R BF	T-1	80	13,300	25
507139	125 x 1 x 22.23	A 46 T BF	T-1	80	12,250	25
311873	125 x 1.6 x 22.23	A 36 T BF	T-1	80	12,250	25
639618	125 x 2 x 22.23	A 36 T BF	T-1	80	12,250	25
622313	125 x 2.5 x 22.23	A 30 R BF	T-1	80	12,250	25
639687	150 x 1 x 22.23	A 46 T BF	T-1	80	10,200	25
640140	150 x 1.6 x 22.23	A 36 T BF	T-1	80	10,200	25
633432	150 x 2 x 22.23	A 36 T BF	T-1	80	10,200	25
640164	150 x 2.5 x 22.23	A 30 R BF	T-1	80	10,200	25
345045	180 x 1.6 x 22.23	A 36 T BF	T-1	80	8,500	25
640195	180 x 2 x 22.23	A 36 T BF	T-1	80	8,500	25
639779	180 x 2.5 x 22.23	A 30 R BF	T-1	80	8,500	25

Aluminium and Non-Ferrous Metals

The perfect blend of brown and white aluminium oxide goes into making these specialty wheels for cutting aluminium and other non-ferrous metals.

640102	115 x 1.6 x 22.23	ALU 36 N BF	T-1	80	13,300	25
640324	125 x 1.6 x 22.23	ALU 36 N BF	T-1	80	12,250	25

THIN CUT-OFF WHEELS

Stainless Steel Cutting

WA - White Aluminium Oxide

CGW thin cut-off wheels give maximum utility and cut capacity on standard portable machines. They are highly recommended for cutting metal profile, steel mesh, stainless steel and aluminium.

Contaminate free, specially made for use in hi-tech and medical facilities, nuclear plants, and the food industry; iron, sulfur and chlorine ≤ 0.1%.



Type 1
Angle Grinder



EAN No.	SIZE (mm)	SPECIFICATION	TYPE	M/S	Max. R.P.M.	Package Qty
461479	115 x 1 x 22.23	WA 46 S BF	T-1	80	13,300	25
312290	115 x 1.6 x 22.23	WA 36 S BF	T-1	80	13,300	25
643158	115 x 2 x 22.23	WA 36 S BF	T-1	80	13,300	25
639588	115 x 2.5 x 22.23	WA 30 S BF	T-1	80	13,300	25
461509	125 x 1 x 22.23	WA 46 S BF	T-1	80	12,250	25
312320	125 x 1.6 x 22.23	WA 36 S BF	T-1	80	12,250	25
606146	125 x 2 x 22.23	WA 36 S BF	T-1	80	12,250	25
639625	125 x 2.5 x 22.23	WA 30 S BF	T-1	80	12,250	25
639717	150 x 1 x 22.23	WA 46 S BF	T-1	80	10,200	25
642038	150 x 1.6 x 22.23	WA 36 S BF	T-1	80	10,200	25
639724	150 x 2 x 22.23	WA 36 S BF	T-1	80	10,200	25
639731	150 x 2.5 x 22.23	WA 30 S BF	T-1	80	10,200	25
345052	180 x 1.6 x 22.23	WA 36 S BF	T-1	80	8,500	25
640201	180 x 2 x 22.23	WA 36 S BF	T-1	80	8,500	25
639786	180 x 2.5 x 22.23	WA 30 S BF	T-1	80	8,500	25

Application Chart Thin Cut-Off Wheels

SPEC.	Angle Iron - General	Iron / Steel Bar	Metal Decking & Cable	Pipeline	Wall Studs	High Tensile Steel	Stainless Steel Sheets	Stainless Steel Bars	Aluminium Alloys	Copper	Brass, Bronze	Titanium
A 46 T, A 36 T	✓	✓	✓	✓	✓	✓	•	•	•	•	•	•
A 30 R	✓	✓	✓	✓	✓	✓	•	•	•	•	•	•
WA 46 S, WA 36 S	•	•	•	•	•	•	✓	✓	•	•	•	•
WA 30 S	•	•	•	•	•	•	✓	✓	•	•	•	•
ALU 36 NBF	•	•							✓	✓	✓	•

✓ = Recommended

• = May be used

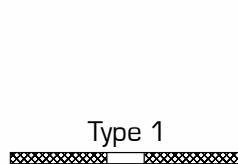
FLAT CUT-OFF WHEELS

Metal and Steel Cutting

A - Aluminium Oxide

A 24 R - Bond design offers fast cuts and long life on steel, structural steel and cast iron.

For pneumatic and electric angle grinders.



EAN No.	SIZE (mm)	SPECIFICATION	TYPE	M/S	Max. R.P.M.	Package Qty
313846	115 x 3 x 22.23	A 24 R BF	T-1	80	13,300	50
313839	125 x 3 x 22.23	A 24 R BF	T-1	80	12,250	50
640171	150 x 3 x 22.23	A 24 R BF	T-1	80	10,200	25
315642	180 x 3 x 22.23	A 24 R BF	T-1	80	8,500	25
312016	230 x 2 x 22.23	A 36 T BF	T-1	80	6,650	25
640225	230 x 2.5 x 22.23	A 30 R BF	T-1	80	6,650	25
313822	230 x 3 x 22.23	A 24 R BF	T-1	80	6,650	25

Stainless Steel Cutting

WA - White Aluminium Oxide

WA 24 S - Fast cuts and long life on stainless steel and steel.

Contaminate free, specially made for use in hi-tech and medical facilities, nuclear plants, and the food industry: iron, sulfur and chlorine ≤ 0.1%. Excellent stock removal and G-ratio on carbon/stainless steel.

For pneumatic and electric angle grinders.



551156	115 x 3 x 22.23	WA 24 S BF	T-1	80	13,300	50
639632	125 x 3 x 22.23	WA 24 S BF	T-1	80	12,250	50
640188	150 x 3 x 22.23	WA 24 S BF	T-1	80	10,200	25
551163	180 x 3 x 22.23	WA 24 S BF	T-1	80	8,500	25
474684	230 x 2 x 22.23	WA 36 S BF	T-1	80	6,650	25
642915	230 x 2.5 x 22.23	WA 30 SBF	T-1	80	6,650	25
534555	230 x 3 x 22.23	WA 24 S BF	T-1	80	6,650	25

FLAT CUT-OFF WHEELS

Masonry Cutting

C - Silicon Carbide

C 24 R - Cutting masonry, concrete, stone and non-ferrous metals.

For pneumatic and electric angle grinders.



EAN No.	SIZE (mm)	SPECIFICATION	TYPE	M/S	Max. R.P.M.	Package Qty
313884	115 x 3 x 22.23	C 24 R BF	T-1	80	13,300	50
313877	125 x 3 x 22.23	C 24 R BF	T-1	80	12,250	50
315659	180 x 3 x 22.23	C 24 R BF	T-1	80	8,500	25
313815	230 x 3 x 22.23	C 24 R BF	T-1	80	6,650	25

Application Chart - Cutting Wheels

SPEC.	Angle Iron - General	Iron / Steel Bar	Metal Decking & Cable	Pipeline	Wall Studs	High Tensile Steel	Stainless Steel Sheets	Stainless Steel Bars	Rail Cutting	Cast Steel	Grey Cast Iron	Ductile Iron Pipe & Concrete	Aluminium Alloys	Copper	Brass, Bronze	Titanium	Asphalt / Green Concrete	Concrete	Roof Tiles	Slate	Masonry	Marble	Paving Bricks	Firing Bricks	Solid Bricks	Clay Pipe
A 24 R	✓	✓	✓	✓	✓	✓	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
WA 24 S	•	•	•	•	•	•	✓	✓		•	•	•	•	•	•	•										
C 24 R										✓	✓	✓	•	•	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

FERROUS METALS

CASTINGS

NON-FERROUS
METALS

MASONRY

- ✓ = Recommended
- = May be used

DEPRESSED CENTRE WHEELS

Metal and Steel Cutting

A - Aluminium Oxide

A 24 R - Bond design offers long life and excellent stock removal. Fast cuts on steel, cast iron and welds.

For pneumatic and electric angle grinders.



DEPRESSED CENTRE WHEELS

EAN No.	SIZE (mm)	SPECIFICATION	TYPE	M/S	Max. R.P.M.	Package Qty
311651	100 x 3 x 16	A 24 R BF	T-27	80	15,300	50
311675	115 x 3 x 22.23	A 24 R BF	T-27	80	13,300	50
311880	125 x 3 x 22.23	A 24 R BF	T-27	80	12,250	50
639694	150 x 3 x 22.23	A 24 R BF	T-27	80	10,200	25
311972	180 x 3 x 22.23	A 24 R BF	T-27	80	8,500	25
312023	230 x 3 x 22.23	A 24 R BF	T-27	80	6,650	25

Stainless Steel Cutting

WA - White Aluminium Oxide

WA 24 S - Fast cuts and long life on stainless steel and steel. Contaminant free, specially made for use in hi-tech and medical facilities, nuclear plants, and the food industry: iron, sulfur and chlorine < 0.1%. Excellent stock removal and G-ratio on carbon/stainless steel.

For pneumatic and electric angle grinders.



EAN No.	SIZE (mm)	SPECIFICATION	TYPE	M/S	Max. R.P.M.	Package Qty
358830	100 x 3 x 16	WA 24 S BF	T-27	80	15,300	50
312306	115 x 3 x 22.23	WA 24 S BF	T-27	80	13,300	50
616596	125 x 3 x 22.23	WA 24 S BF	T-27	80	12,250	50
639748	150 x 3 x 22.23	WA 24 S BF	T-27	80	10,200	25
312337	180 x 3 x 22.23	WA 24 S BF	T-27	80	8,500	25
312375	230 x 3 x 22.23	WA 24 S BF	T-27	80	6,650	25

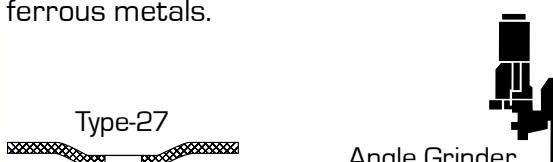
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DEPRESSED CENTRE WHEELS

Masonry Cutting

C - Silicon Carbide

C 24 R - Medium-hard cutting wheel with excellent life. Recommended for cutting stone, concrete and marble slabs, finishing tiles, bricks, clay tubes, roofing tiles, and non-ferrous metals.



EAN No.	SIZE (mm)	SPECIFICATION	TYPE	M/S	Max. R.P.M.	Package Qty
315666	100 x 3 x 16	C 24 R BF	T-27	80	15,300	50
312207	115 x 3 x 22.23	C 24 R BF	T-27	80	13,300	50
315673	125 x 3 x 22.23	C 24 R BF	T-27	80	12,250	50
312221	180 x 3 x 22.23	C 24 R BF	T-27	80	8,500	25
312245	230 x 3 x 22.23	C 24 R BF	T-27	80	6,650	25

Application Chart - Depressed Centre Cutting Wheels

SPEC.	Angle Iron - General	Iron / Steel Bar	Metal Decking & Cable	Pipeline	Wall Studs	High Tensile Steel	Stainless Steel Sheets	Stainless Steel Bars	Rail Cutting	Cast Steel	Grey 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
A 24 R	✓	✓	✓	✓	✓	✓	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
WA 24 S	•	•	•	•	•	•	✓	✓		•	•	•	•	•	•	•										
C 24 R									✓	✓	✓	•	•	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

FERROUS METALS

CASTINGS NON-FERROUS METALS

MASONRY

- ✓ = Recommended
- = May be used

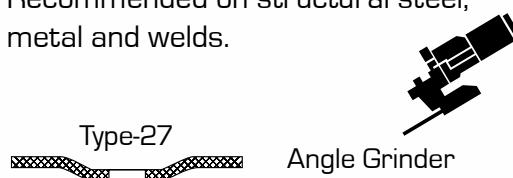
DEPRESSED CENTRE WHEELS

Metal and Steel Grinding

A - Aluminium Oxide

A 24 R - Bond design offers longer life and excellent stock removal.

Recommended on structural steel, metal and welds.



EAN No.	SIZE (mm)	SPECIFICATION	TYPE	M/S	Max. R.P.M.	Package Qty
311866	100 x 6.5 x 16	A 24 R BF	T-27	80	15,300	25
311682	115 x 6.5 x 22.23	A 24 R BF	T-27	80	13,300	25
311903	125 x 6.5 x 22.23	A 24 R BF	T-27	80	12,250	25
639700	150 x 6.5 x 22.23	A 24 R BF	T-27	80	10,200	25
311996	180 x 6.5 x 22.23	A 24 R BF	T-27	80	8,500	25
312047	230 x 6.5 x 22.23	A 24 R BF	T-27	80	6,650	25

Stainless Steel Grinding

WA - White Aluminium Oxide

WA 24 S - Fast stock removal and long life, for use on stainless steel and steel.

Contaminate free, specially made for use in hi-tech and medical facilities, nuclear plants, and the food industry: iron, sulfur and chlorine $\leq 0.1\%$.



640126	100 x 6.5 x 16	WA 24 S BF	T-27	80	15,300	25
312313	115 x 6.5 x 22.23	WA 24 S BF	T-27	80	13,300	25
607594	125 x 6.5 x 22.23	WA 24 S BF	T-27	80	12,250	25
639755	150 x 6.5 x 22.23	WA 24 S BF	T-27	80	10,200	25
312368	180 x 6.5 x 22.23	WA 24 S BF	T-27	80	8,500	25
312382	230 x 6.5 x 22.23	WA 24 S BF	T-27	80	6,650	25

Grinding Tip



For fast stock removal, keep the grinding angle between 25° and 30°.



For finishing and blending, decrease the grinding angle to between 15° and 20°.

DEPRESSED CENTRE WHEELS

Metal Grinding

ZA - Zirconia Aluminium Oxide

High performance grinding and very long life. Excellent on ferrous metals, castings and stainless steel.



EAN No.	SIZE (mm)	SPECIFICATION	TYPE	M/S	Max. R.P.M.	Package Qty
673278	115 x 6.5 x 22.23	ZA 24 T BF	T-27	80	13,300	25
673285	180 x 6.5 x 22.23	ZA 24 T BF	T-27	80	8,500	25
673261	230 x 6.5 x 22.23	ZA 24 T BF	T-27	80	6,650	25

Masonry Grinding

C - Silicon Carbide

Silicon carbide grain for grinding masonry, concrete, stone and non-ferrous metals.



639571	100 x 6.5 x 16	C 24 R BF	T-27	80	15,300	25
639601	115 x 6.5 x 22.23	C 24 R BF	T-27	80	13,300	25
315154	125 x 6.5 x 22.23	C 24 R BF	T-27	80	12,250	25
312238	180 x 6.5 x 22.23	C 24 R BF	T-27	80	8,500	25
312252	230 x 6.5 x 22.23	C 24 R BF	T-27	80	6,650	25

Application Chart - Depressed Centre Grinding Wheels

✓ = Recommended

• = May be used

SPEC.	Angle Iron - General	Iron/Steel Bar	Metal Decking & Cable	Pipeline	High Tensile Steel	Stainless Steel Bars	Rails	Cast Steel	Grey Cast Iron	Ductile Iron Pipe & Concrete	Copper	Brass, Bronze	Titanium	Asphalt/Green Concrete	Concrete	Roof Tiles	Slate	Masonry	Marble	Paving Bricks	Firing Bricks	Solid Bricks	Clay Pipe
A 24 R	✓	✓	✓	✓	✓	•	✓	•	•	•													
WA 24 S	•	•	•	•	•	•	✓	✓	•	•	•												
ZA 24 T	•	•	•	•	✓	•	✓	•	•	•													
C 24 R								✓	✓	✓	•	•	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	FERROUS METALS						CASTINGS				NON-FERROUS METALS				MASONRY								



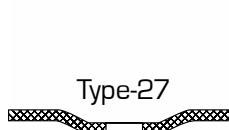
NEW!

Organization for the Safety of Abrasives



Newly-developed at CGW, the unique **3-in-1 DISC** offers top performance in a single disc:

- ✓ fast, high-quality cutting
- ✓ great grinding and weld stock removal
- ✓ excellent surface finishing
- ◆ Contaminate free: Fe-S-Cl≤0.1%, designed for use on stainless steel
- ◆ Additional fibreglass net provides extra strength and flexibility
- ◆ Ideal for a wide variety of metal and stainless steel applications: particularly recommended for cutting metal profiles and thin pipes, and removing weld slag
- ◆ Highly cost effective: eliminate frequent disc changes; stock fewer discs
- ◆ Use instead of a flap disc for an excellent finish to the workpiece surface



SIZE (mm)	SPECIFICATION	TYPE	M/S	Max. R.P.M.	Package Qty
115 x 2.5 x 22.23	A 36 S BF	T-27	80	13,300	25
125 x 2.5 x 22.23	A 36 S BF	T-27	80	12,250	25
150 x 2.5 x 22.23	A 36 S BF	T-27	80	10,200	25
180 x 2.5 x 22.23	A 36 S BF	T-27	80	8,500	25



QUALITY • SAFETY • COST-EFFECTIVENESS

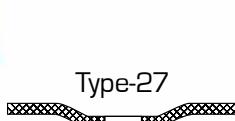
DEPRESSED CENTRE WHEELS

CGW

Special disc for
NEW!
A24 NBF
multi-metal grinding



- ◆ Fast grinding,
- ◆ Maximum stock removal rate
- ◆ Highly cost-effective
- ◆ Exceptionally smooth grinding
- ◆ 4 mm thickness ideal for pipeline grinding



SIZE (mm)	SPECIFICATION	TYPE	M/S	Max. R.P.M.	Package Qty
100 x 6.5 x 16	A 24 N BF	T-27	80	15,300	25
115 x 4 x 22.23	A 24 N BF	T-27	80	13,300	25
115 x 6.5 x 22.23	A 24 N BF	T-27	80	13,300	25
125 x 4 x 22.23	A 24 N BF	T-27	80	12,250	25
125 x 6.5 x 22.23	A 24 N BF	T-27	80	12,250	25
150 x 6.5 x 22.23	A 24 N BF	T-27	80	10,200	25
180 x 4 x 22.23	A 24 N BF	T-27	80	8,500	25
180 x 6.5 x 22.23	A 24 N BF	T-27	80	8,500	25
230 x 6.5 x 22.23	A 24 N BF	T-27	80	6,650	25



GRINDING WHEELS FOR FORGING AND CASTING APPLICATIONS

- ◆ Rapid, aggressive grinding
- ◆ The workpiece remains free of swarf and burn marks
- ◆ Especially high work capacity
- ◆ Highly cost-effective
- ◆ Designed for work on materials and applications specific to forging plants



Angle Grinder

SIZE (mm)	SPECIFICATION	TYPE	M/S	Max. R.P.M.	Package Qty	APPLICATION
180 x 8 x 22.23	A 24 N BF	T-27	80	8,500	25	WASPALOY
230 x 8 x 22.23	A 24 N BF	T-27	80	6,650	25	WASPALOY
180 x 7 x 22.23	C 24 R BF	T-27	80	8,500	25	TITANIUM
230 x 7 x 22.23	C 24 R BF	T-27	80	6,650	25	TITANIUM
180 x 7 x 22.23	ZA 24 T BF	T-27	80	8,500	25	INCONEL
230 x 7 x 22.23	ZA 24 T BF	T-27	80	6,650	25	INCONEL

DEPRESSED CENTRE WHEELS

CGW

CHOP SAW BLADES

Metal and Steel Cutting

A - Aluminium Oxide

Thin wheels with high cutting performance, for use on low-power floor-stand machines.

For general purpose metal and steel applications. Designed to cut structural steel solids, pipe and tubing.

SR = Single (internal) fiberglass reinforced.

Always use blotters supplied with wheels.

DR = Double (external) fiberglass reinforced.



	EAN No.	SIZE (mm)	SPECIFICATION	TYPE	M/S	Max. R.P.M.	Package Qty
DR	639960	300 x 3 x 25.4	A 36 T BF	T-1	80	5,100	10
DR	640003	350 x 3 x 25.4	A 36 T BF	T-1	80	4,400	10
SR	675296	350 x 3 x 25.4	A 36 T BF	T-1	80	4,400	10

Stainless Steel Cutting

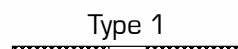
WA - White Aluminium Oxide - Excellent for all stainless steel /inox applications.

Contaminate free, specially made for use in hi-tech and medical facilities, nuclear plants, and the food industry; iron, sulfur and chlorine ≤ 0.1%..

SR = Single (internal) fiberglass reinforced.

Always use blotters supplied with wheels.

DR = Double (external) fiberglass reinforced.



Chop Saw

	EAN No.	SIZE (mm)	SPECIFICATION	TYPE	M/S	Max. R.P.M.	Package Qty
DR	632930	300 x 3 x 25.4	WA 24 S BF	T-1	80	5,100	10
DR	675784	350 x 3 x 25.4	WA 36 S BF	T-1	80	4,400	10
SR	640072	350 x 3 x 25.4	WA 36 S BF	T-1	80	4,400	10

STATIONARY SAW BLADES

Organization for the Safety of Abrasives 

Metal and Steel Cutting

A - Aluminium Oxide

Designed to cut structural steel solids, pipe and tubing.

Double-reinforced cut-off wheels for stationary saws are the economical way to burr-free cutting.



Type 1
~~~~~

Stationary Saw



## Concrete Cutting

### C - Silicon Carbide

Designed to cut masonry, concrete, stone, aggregate, and non-ferrous metals.

Type 1  
~~~~~  
Stationary Saw



EAN No.	SIZE (mm)	SPECIFICATION	TYPE	M/S	Max. R.P.M.	Package Qty
312061	300 x 3.5 x 25.4	A 24 R BF	T-1	80	5,100	10
312078	350 x 3.5 x 25.4	A 24 R BF	T-1	80	4,400	10

HIGH SPEED CUT-OFF WHEELS

Rail Cutting

A - Aluminium Oxide



Type 1
~~~~~

High-Speed Gas Saw



|        |                |           |     |     |       |    |
|--------|----------------|-----------|-----|-----|-------|----|
| 587261 | 356 x 4 x 25.4 | A 24 S BF | T-1 | 100 | 5,500 | 10 |
|--------|----------------|-----------|-----|-----|-------|----|

# HIGH SPEED CUT-OFF WHEELS

## Metal and Steel Cutting

### A - Aluminium Oxide

Specially reinforced wheels for use on electrically, hydraulically or petrol-driven portable high-speed machines.

Designed to cut structural steel solids, pipe and tubing, and other ferrous metals such as steel, angle iron, and metal bars.



Type 1  
=====

High-Speed Gas Saw



| EAN No. | SIZE (mm)        | SPECIFICATION | TYPE | M/S | Max. R.P.M. | Package Qty |
|---------|------------------|---------------|------|-----|-------------|-------------|
| 315130  | 300 x 4 x 20     | A 24 R BF     | T-1  | 100 | 6,400       | 10          |
| 315147  | 300 x 4 x 22.23  | A 24 R BF     | T-1  | 100 | 6,400       | 10          |
| 639977  | 300 x 4 x 25.4   | A 24 R BF     | T-1  | 100 | 6,400       | 10          |
| 640010  | 350 x 4 x 20     | A 24 R BF     | T-1  | 100 | 5,500       | 10          |
| 640027  | 350 x 4 x 25.4   | A 24 R BF     | T-1  | 100 | 5,500       | 10          |
| 640256  | 400 x 4.5 x 25.4 | A 24 R BF     | T-1  | 100 | 4,800       | 10          |

### Concrete Cutting

### C - Silicon Carbide

Applications include stone, concrete, and brick.

Type 1  
=====

High-Speed Gas Saw



|        |                 |           |     |     |       |    |
|--------|-----------------|-----------|-----|-----|-------|----|
| 315079 | 300 x 4 x 22.23 | C 24 R BF | T-1 | 100 | 6,400 | 10 |
| 315055 | 300 x 4 x 20    | C 24 R BF | T-1 | 100 | 6,400 | 10 |
| 639984 | 300 x 4 x 25.4  | C 24 R BF | T-1 | 100 | 6,400 | 10 |
| 640058 | 350 x 4 x 25.4  | C 24 R BF | T-1 | 100 | 5,500 | 10 |
| 640034 | 350 x 4 x 20    | C 24 R BF | T-1 | 100 | 5,500 | 10 |

### Application Chart - High-Speed Cut-Off Wheels

| SPEC.  | Angle Iron - General  | Iron / Steel Bar | Metal Decking & Cable | Pipeline | Wall Studs | High Tensile Steel | Stainless Steel Sheets | Stainless Steel Bars | Rail Cutting | Cast Steel                | Grey Cast Iron | Ductile Iron Pipe & Concrete | Aluminium Alloys | Copper | Brass, Bronze | Titanium | Asphalt / Green Concrete | Concrete | Roof Tiles | Slate | Masonry | Marble | Paving Bricks | Firing Bricks | Solid Bricks | Clay Pipe |
|--------|-----------------------|------------------|-----------------------|----------|------------|--------------------|------------------------|----------------------|--------------|---------------------------|----------------|------------------------------|------------------|--------|---------------|----------|--------------------------|----------|------------|-------|---------|--------|---------------|---------------|--------------|-----------|
|        | ✓                     | ✓                | •                     | ✓        | ✓          | ✓                  | ✓                      | ✓                    | •            | •                         | •              | •                            | •                | •      | •             | •        | •                        | •        | •          | •     | •       | •      | •             | •             | •            |           |
| A 24 R | ✓                     | ✓                | •                     | ✓        | ✓          | ✓                  | ✓                      | ✓                    | •            | •                         | •              | •                            | •                | •      | •             | •        | •                        | •        | •          | •     | •       | •      | •             | •             | •            |           |
| A 24 S | •                     | •                | ✓                     | •        | •          | •                  | •                      | •                    | •            | ✓                         | •              | •                            | •                | •      | •             | •        | •                        | •        | •          | •     | •       | •      | •             | •             | •            |           |
| C 24 R |                       |                  |                       |          |            |                    |                        |                      |              | ✓                         | ✓              | ✓                            | ✓                | ✓      | ✓             | ✓        | ✓                        | ✓        | ✓          | ✓     | ✓       | ✓      | ✓             | ✓             | ✓            |           |
|        | <b>FERROUS METALS</b> |                  |                       |          |            |                    | <b>CASTINGS</b>        |                      |              | <b>NON-FERROUS METALS</b> |                |                              | <b>MASONRY</b>   |        |               |          |                          |          |            |       |         |        |               |               |              |           |

✓ = Recommended  
• = May be used

# FLAP DISCS

Used for blending and finishing in one operation, CGW flap discs replace the traditional T-27 depressed centre discs and fibre discs.



CGW flap discs are suitable for:

- Grinding and finishing of welds
- Deburring, rust removal and snagging
- All ferrous and non-ferrous materials
- Excellent for surface finishing

Specifications and applications:

A/O - aluminium oxide coated, for alloyed steel and low-alloy steel.

Z/A - zirconia alumina coated, for high-alloyed steel, stainless steel and heat-treated steel.

S/C - silicon carbide coated, for marble, stone, glass, and non-ferrous metals.

CGW flap discs are available in the following sizes:

100mm x 16mm (4" x 5/8")

115mm x 22mm (4-1/2" x 7/8")

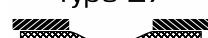
125mm x 22mm (5" x 7/8")

150mm x 22mm (6" x 7/8")

180mm x 22mm (7" x 7/8")

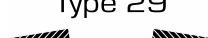
CGW flap disc types and densities:

Type 27



T-27 - Use for grinding flat surfaces. Most efficient when used at an angle of 0 to 15°.

Type 29



T-29 - Conical shape provides an excellent angle for contour and edge grinding. Best when used at a wider angle of 15 to 25°.

Regular



Both types are available in two densities: Regular and XL.  
XL density contains approximately 50% more material than Regular density.

XL



## Application Chart - Flap Discs

| SPEC. | Angle Iron - General | Iron / Steel Bar | Wall Studs | High Tensile Steel | Stainless Steel Sheets | Stainless Steel Bars | Brass, Bronze | Titanium | Concrete | Roof Tiles | Marble | Firing Bricks | Solid Bricks |
|-------|----------------------|------------------|------------|--------------------|------------------------|----------------------|---------------|----------|----------|------------|--------|---------------|--------------|
| A/O   | ✓                    | ✓                | •          | •                  | •                      | •                    |               |          |          |            |        |               |              |
| Z/A   | ✓                    | ✓                |            | •                  | ✓                      | ✓                    |               |          |          |            |        |               |              |
| S/C   |                      |                  |            |                    |                        |                      | ✓             | ✓        | ✓        | ✓          | ✓      | ✓             | ✓            |

FERROUS METALS      NON-FERROUS METALS      MASONRY

✓ = Recommended

• = May be used

# Z/A FLAP DISCS

**For high-alloyed steel, stainless steel and heat-treated steel.**

## TYPES

**T-27** - For grinding flat surfaces. Most efficient when used at an angle of 0° to 15°

**T-29** - Conical shape provides an excellent angle for contour and edge grinding. Best when used at a wider angle of 15° to 25°



Angle Grinder

| EAN No. | SIZE (mm)   | SPECIFICATION | TYPE | M/S | Max. R.P.M. | Package Qty |
|---------|-------------|---------------|------|-----|-------------|-------------|
| 239962  | 102 x 16    | ZA 36         | T-27 | 80  | 15,300      | 10          |
| 239979  | 102 x 16    | ZA 36         | T-29 | 80  | 15,300      | 10          |
| 240012  | 102 x 16    | ZA 40         | T-27 | 80  | 15,300      | 10          |
| 240029  | 102 x 16    | ZA 40         | T-29 | 80  | 15,300      | 10          |
| 240142  | 102 x 16    | ZA 60         | T-27 | 80  | 15,300      | 10          |
| 240159  | 102 x 16    | ZA 60         | T-29 | 80  | 15,300      | 10          |
| 240241  | 102 x 16    | ZA 80         | T-27 | 80  | 15,300      | 10          |
| 240258  | 102 x 16    | ZA 80         | T-29 | 80  | 15,300      | 10          |
| 240296  | 102 x 16    | ZA 120        | T-27 | 80  | 15,300      | 10          |
| 240302  | 102 x 16    | ZA 120        | T-29 | 80  | 15,300      | 10          |
| 240500  | 115 x 22.23 | ZA 36         | T-27 | 80  | 13,300      | 10          |
| 240517  | 115 x 22.23 | ZA 36         | T-29 | 80  | 13,300      | 10          |
| 240630  | 115 x 22.23 | ZA 40         | T-27 | 80  | 13,300      | 10          |
| 240647  | 115 x 22.23 | ZA 40         | T-29 | 80  | 13,300      | 10          |
| 240906  | 115 x 22.23 | ZA 60         | T-27 | 80  | 13,300      | 10          |
| 240913  | 115 x 22.23 | ZA 60         | T-29 | 80  | 13,300      | 10          |
| 241095  | 115 x 22.23 | ZA 80         | T-27 | 80  | 13,300      | 10          |
| 241101  | 115 x 22.23 | ZA 80         | T-29 | 80  | 13,300      | 10          |
| 241231  | 115 x 22.23 | ZA 120        | T-27 | 80  | 13,300      | 10          |
| 241248  | 115 x 22.23 | ZA 120        | T-29 | 80  | 13,300      | 10          |
| 241316  | 125 x 22.23 | ZA 36         | T-27 | 80  | 12,300      | 10          |
| 241323  | 125 x 22.23 | ZA 36         | T-29 | 80  | 12,300      | 10          |
| 241378  | 125 x 22.23 | ZA 40         | T-27 | 80  | 12,300      | 10          |
| 241385  | 125 x 22.23 | ZA 40         | T-29 | 80  | 12,300      | 10          |
| 241477  | 125 x 22.23 | ZA 60         | T-27 | 80  | 12,300      | 10          |
| 241484  | 125 x 22.23 | ZA 60         | T-29 | 80  | 12,300      | 10          |
| 241569  | 125 x 22.23 | ZA 80         | T-27 | 80  | 12,300      | 10          |
| 241576  | 125 x 22.23 | ZA 80         | T-29 | 80  | 12,300      | 10          |
| 241651  | 125 x 22.23 | ZA 120        | T-27 | 80  | 12,300      | 10          |
| 241668  | 125 x 22.23 | ZA 120        | T-29 | 80  | 12,300      | 10          |

## Z/A FLAP DISCS (cont.)

| EAN No. | SIZE (mm)   | SPECIFICATION | TYPE | M/S | Max. R.P.M. | Package Qty |
|---------|-------------|---------------|------|-----|-------------|-------------|
| 241910  | 180 x 22.23 | ZA 36         | T-27 | 80  | 8,500       | 10          |
| 241927  | 180 x 22.23 | ZA 36         | T-29 | 80  | 8,500       | 10          |
| 242016  | 180 x 22.23 | ZA 40         | T-27 | 80  | 8,500       | 10          |
| 242023  | 180 x 22.23 | ZA 40         | T-29 | 80  | 8,500       | 10          |
| 242252  | 180 x 22.23 | ZA 60         | T-27 | 80  | 8,500       | 10          |
| 242269  | 180 x 22.23 | ZA 60         | T-29 | 80  | 8,500       | 10          |
| 242412  | 180 x 22.23 | ZA 80         | T-27 | 80  | 8,500       | 10          |
| 242429  | 180 x 22.23 | ZA 80         | T-29 | 80  | 8,500       | 10          |
| 242542  | 180 x 22.23 | ZA 120        | T-27 | 80  | 8,500       | 10          |
| 242559  | 180 x 22.23 | ZA 120        | T-29 | 80  | 8,500       | 10          |

## XL FLAP DISCS

**XL Flap Disc - 50% more abrasive material than any other flap disc**

**Z/A - Zirconia Alumina coated, for high-alloyed steel, stainless steel and heat-treated steel.**

- Reduces changing time, saving you time and money
- More flexible than a standard flap disc
- The best solution for blending on concave surfaces



### TYPES

**T-27** - For grinding flat surfaces. Most efficient when used at an angle of 0° to 15°

**T-29** - Conical shape provides an excellent angle for contour and edge grinding. Best when used at a wider angle of 15° to 25°



| EAN No. | SIZE (mm)   | SPECIFICATION | TYPE | M/S | Max. R.P.M. | Package Qty |
|---------|-------------|---------------|------|-----|-------------|-------------|
| 278459  | 115 x 22.23 | ZA 40         | T-27 | 80  | 13,300      | 10          |
| 283279  | 115 x 22.23 | ZA 40         | T-29 | 80  | 13,300      | 10          |
| 278466  | 115 x 22.23 | ZA 60         | T-27 | 80  | 13,300      | 10          |
| 262052  | 115 x 22.23 | ZA 60         | T-29 | 80  | 13,300      | 10          |
| 278473  | 115 x 22.23 | ZA 80         | T-27 | 80  | 13,300      | 10          |
| 262144  | 115 x 22.23 | ZA 80         | T-29 | 80  | 13,300      | 10          |

# S/C FLAP DISCS

For marble, stone, glass, and non-ferrous metals.

- Blend and finish in one operation: the best solution for the professional stone-working industry.

## TYPES

**T-27** - For grinding flat surfaces. Most efficient when used at an angle of 0° to 15°

**T-29** - Conical shape provides an excellent angle for contour and edge grinding. Best when used at a wider angle of 15° to 25°



Angle Grinder

| EAN No. | SIZE (mm)   | SPECIFICATION | TYPE | M/S | Max. R.P.M. | Package Qty |
|---------|-------------|---------------|------|-----|-------------|-------------|
| 265183  | 115 x 22.23 | SC 40         | T-27 | 80  | 13,300      | 10          |
| 265190  | 115 x 22.23 | SC 40         | T-29 | 80  | 13,300      | 10          |
| 243020  | 115 x 22.23 | SC 80         | T-27 | 80  | 13,300      | 10          |
| 265206  | 115 x 22.23 | SC 80         | T-29 | 80  | 13,300      | 10          |
| 265213  | 115 x 22.23 | SC 120        | T-27 | 80  | 13,300      | 10          |
| 265220  | 115 x 22.23 | SC 120        | T-29 | 80  | 13,300      | 10          |
| 265237  | 180 x 22.23 | SC 40         | T-27 | 80  | 8,500       | 10          |
| 265244  | 180 x 22.23 | SC 40         | T-29 | 80  | 8,500       | 10          |
| 265251  | 180 x 22.23 | SC 80         | T-27 | 80  | 8,500       | 10          |
| 265268  | 180 x 22.23 | SC 80         | T-29 | 80  | 8,500       | 10          |
| 265275  | 180 x 22.23 | SC 120        | T-27 | 80  | 8,500       | 10          |
| 265282  | 180 x 22.23 | SC 120        | T-29 | 80  | 8,500       | 10          |

# CERAMIC FLAP DISCS

- CGW'S new ceramic flap disc is your best choice for grinding stainless steel, titanium, inconel, and other hard metals.
- Using CGW's ceramic flap disc will give you a "cool grinding surface" since the grain has a self-sharpening formula, thereby allowing you to save on your grinding costs.



|        |             |    |      |    |        |    |
|--------|-------------|----|------|----|--------|----|
| 833047 | 115 x 22.23 | 40 | T-29 | 80 | 13,300 | 10 |
| 826001 | 115 x 22.23 | 60 | T-29 | 80 | 13,300 | 10 |
| 833030 | 115 x 22.23 | 80 | T-29 | 80 | 13,300 | 10 |
| 833054 | 125 x 22.23 | 40 | T-29 | 80 | 12,300 | 10 |
| 826018 | 125 x 22.23 | 60 | T-29 | 80 | 12,300 | 10 |
| 833061 | 125 x 22.23 | 80 | T-29 | 80 | 12,300 | 10 |
| 833078 | 180 x 22.23 | 40 | T-29 | 80 | 8,500  | 10 |
| 833085 | 180 x 22.23 | 60 | T-29 | 80 | 8,500  | 10 |
| 833092 | 180 x 22.23 | 80 | T-29 | 80 | 8,500  | 10 |

\* Type 27 available upon request.

# MOUNTED FLAP WHEELS

## Principle use

- Internal and external polishing of flat and contoured surfaces, corners and slits in metal and stone
- All-purpose use

D = outer diameter

T = height



Die Grinder

## Mounted flap wheels: A/O-coated cloth

| EAN No. | LABEL | DIMENSIONS<br>millimetres<br>D x T x Shank | GRAIN<br>TYPE | GRAIN<br>SIZE | Optimal<br>R.P.M. | Max.<br>R.P.M. | Package<br>Qty. |
|---------|-------|--------------------------------------------|---------------|---------------|-------------------|----------------|-----------------|
| 235384  | CGW   | 20x15x6                                    | A/O           | 40            | 24,000            | 30,000         | 10              |
| 235391  | CGW   | 20x15x6                                    | A/O           | 60            | 24,000            | 30,000         | 10              |
| 235407  | CGW   | 20x15x6                                    | A/O           | 80            | 24,000            | 30,000         | 10              |
| 235414  | CGW   | 20x15x6                                    | A/O           | 100           | 24,000            | 30,000         | 10              |
| 235421  | CGW   | 20x15x6                                    | A/O           | 120           | 24,000            | 30,000         | 10              |
| 235452  | CGW   | 20x20x6                                    | A/O           | 40            | 24,000            | 30,000         | 10              |
| 235469  | CGW   | 20x20x6                                    | A/O           | 60            | 24,000            | 30,000         | 10              |
| 235476  | CGW   | 20x20x6                                    | A/O           | 80            | 24,000            | 30,000         | 10              |
| 235483  | CGW   | 20x20x6                                    | A/O           | 100           | 24,000            | 30,000         | 10              |
| 235490  | CGW   | 20x20x6                                    | A/O           | 120           | 24,000            | 30,000         | 10              |
| 235568  | CGW   | 30x10x6                                    | A/O           | 40            | 18,000            | 30,000         | 10              |
| 235575  | CGW   | 30x10x6                                    | A/O           | 60            | 18,000            | 30,000         | 10              |
| 235582  | CGW   | 30x10x6                                    | A/O           | 80            | 18,000            | 30,000         | 10              |
| 235599  | CGW   | 30x10x6                                    | A/O           | 100           | 18,000            | 30,000         | 10              |
| 235605  | CGW   | 30x10x6                                    | A/O           | 120           | 18,000            | 30,000         | 10              |
| 235612  | CGW   | 30x10x6                                    | A/O           | 150           | 18,000            | 30,000         | 10              |
| 235698  | CGW   | 30x20x6                                    | A/O           | 60            | 18,000            | 30,000         | 10              |
| 235704  | CGW   | 30x20x6                                    | A/O           | 80            | 18,000            | 30,000         | 10              |
| 235711  | CGW   | 30x20x6                                    | A/O           | 100           | 18,000            | 30,000         | 10              |
| 235728  | CGW   | 30x20x6                                    | A/O           | 150           | 18,000            | 30,000         | 10              |
| 235735  | CGW   | 30x20x6                                    | A/O           | 240           | 18,000            | 30,000         | 10              |
| 235803  | CGW   | 40x15x6                                    | A/O           | 60            | 14,000            | 23,800         | 10              |
| 235810  | CGW   | 40x15x6                                    | A/O           | 80            | 14,000            | 23,800         | 10              |
| 235827  | CGW   | 40x15x6                                    | A/O           | 100           | 14,000            | 23,800         | 10              |
| 235834  | CGW   | 40x15x6                                    | A/O           | 120           | 14,000            | 23,800         | 10              |
| 235841  | CGW   | 40x20x6                                    | A/O           | 40            | 14,000            | 23,800         | 10              |
| 235858  | CGW   | 40x20x6                                    | A/O           | 60            | 14,000            | 23,800         | 10              |
| 235865  | CGW   | 40x20x6                                    | A/O           | 80            | 14,000            | 23,800         | 10              |
| 235872  | CGW   | 40x20x6                                    | A/O           | 100           | 14,000            | 23,800         | 10              |
| 235889  | CGW   | 40x20x6                                    | A/O           | 120           | 14,000            | 23,800         | 10              |
| 235896  | CGW   | 40x20x6                                    | A/O           | 150           | 14,000            | 23,800         | 10              |

## MOUNTED FLAP WHEELS: A/O-COATED CLOTH (cont.)

| EAN No. | LABEL | DIMENSIONS<br>millimetres<br>D x T x Shank | GRAIN<br>TYPE | GRAIN<br>SIZE | Optimal<br>R.P.M. | Max.<br>R.P.M. | Package<br>Qty. |
|---------|-------|--------------------------------------------|---------------|---------------|-------------------|----------------|-----------------|
| 235971  | CGW   | 50x15x6                                    | A/O           | 60            | 12,000            | 19,000         | 10              |
| 235988  | CGW   | 50x15x6                                    | A/O           | 80            | 12,000            | 19,000         | 10              |
| 235995  | CGW   | 50x15x6                                    | A/O           | 100           | 12,000            | 19,000         | 10              |
| 236008  | CGW   | 50x15x6                                    | A/O           | 120           | 12,000            | 19,000         | 10              |
| 236060  | CGW   | 50x30x6                                    | A/O           | 60            | 12,000            | 19,000         | 10              |
| 236077  | CGW   | 50x30x6                                    | A/O           | 80            | 12,000            | 19,000         | 10              |
| 236084  | CGW   | 50x30x6                                    | A/O           | 100           | 12,000            | 19,000         | 10              |
| 236091  | CGW   | 50x30x6                                    | A/O           | 120           | 12,000            | 19,000         | 10              |
| 236107  | CGW   | 50x30x6                                    | A/O           | 150           | 12,000            | 19,000         | 10              |
| 236145  | CGW   | 60x15x6                                    | A/O           | 60            | 10,000            | 16,100         | 10              |
| 236152  | CGW   | 60x15x6                                    | A/O           | 80            | 10,000            | 16,100         | 10              |
| 236169  | CGW   | 60x15x6                                    | A/O           | 120           | 10,000            | 16,100         | 10              |
| 236213  | CGW   | 60x30x6                                    | A/O           | 40            | 10,000            | 16,100         | 10              |
| 236220  | CGW   | 60x30x6                                    | A/O           | 50            | 10,000            | 16,100         | 10              |
| 236237  | CGW   | 60x30x6                                    | A/O           | 60            | 10,000            | 16,100         | 10              |
| 236244  | CGW   | 60x30x6                                    | A/O           | 80            | 10,000            | 16,100         | 10              |
| 236251  | CGW   | 60x30x6                                    | A/O           | 100           | 10,000            | 16,100         | 10              |
| 236268  | CGW   | 60x30x6                                    | A/O           | 120           | 10,000            | 16,100         | 10              |
| 236275  | CGW   | 60x30x6                                    | A/O           | 150           | 10,000            | 16,100         | 10              |
| 236312  | CGW   | 60x40x6                                    | A/O           | 40            | 10,000            | 16,100         | 10              |
| 236329  | CGW   | 60x40x6                                    | A/O           | 60            | 10,000            | 16,100         | 10              |
| 236336  | CGW   | 60x40x6                                    | A/O           | 80            | 10,000            | 16,100         | 10              |
| 236343  | CGW   | 60x40x6                                    | A/O           | 100           | 10,000            | 16,100         | 10              |
| 236350  | CGW   | 60x40x6                                    | A/O           | 120           | 10,000            | 16,100         | 10              |
| 236404  | CGW   | 80x20x6                                    | A/O           | 40            | 7,000             | 11,800         | 10              |
| 236411  | CGW   | 80x20x6                                    | A/O           | 60            | 7,000             | 11,800         | 10              |
| 236428  | CGW   | 80x20x6                                    | A/O           | 80            | 7,000             | 11,800         | 10              |
| 236503  | CGW   | 80x40x6                                    | A/O           | 40            | 7,000             | 8,900          | 10              |
| 236510  | CGW   | 80x40x6                                    | A/O           | 60            | 7,000             | 8,900          | 10              |
| 236527  | CGW   | 80x40x6                                    | A/O           | 80            | 7,000             | 8,900          | 10              |
| 236534  | CGW   | 80x40x6                                    | A/O           | 100           | 7,000             | 8,900          | 10              |
| 236541  | CGW   | 80x40x6                                    | A/O           | 120           | 7,000             | 8,900          | 10              |
| 236558  | CGW   | 80x50x6                                    | A/O           | 40            | 7,000             | 8,900          | 10              |
| 236565  | CGW   | 80x50x6                                    | A/O           | 60            | 7,000             | 8,900          | 10              |
| 236572  | CGW   | 80x50x6                                    | A/O           | 80            | 7,000             | 8,900          | 10              |
| 236589  | CGW   | 80x50x6                                    | A/O           | 100           | 7,000             | 8,900          | 10              |
| 236596  | CGW   | 80x50x6                                    | A/O           | 120           | 7,000             | 8,900          | 10              |
| 378012  | CGW   | 80x50x6                                    | A/O           | 150           | 7,000             | 8,900          | 10              |

# MOUNTED INTERLEAF FLAP WHEELS

## Principle use

- Internal and external polishing of flat and contoured surfaces, corners and slits in metal and stone
- All-purpose use

D = outer diameter

T = height



Die Grinder

| EAN No. | LABEL | DIMENSIONS<br>millimetres<br>D x T x Shank | GRAIN<br>TYPE | GRAIN<br>SIZE | Max.<br>R.P.M. | Package<br>Qty. |
|---------|-------|--------------------------------------------|---------------|---------------|----------------|-----------------|
| 236817  | CGW   | 40x20x6                                    | A/O           | 60            | 17,000         | 10              |
| 236824  | CGW   | 40x20x6                                    | A/O           | 100           | 17,000         | 10              |
| 236831  | CGW   | 40x20x6                                    | A/O           | 150           | 17,000         | 10              |
| 236848  | CGW   | 40x20x6                                    | S/C           | 240           | 17,000         | 10              |
| 236930  | CGW   | 50x30x6                                    | A/O           | 60            | 13,700         | 10              |
| 236947  | CGW   | 50x30x6                                    | A/O           | 100           | 13,700         | 10              |
| 236954  | CGW   | 50x30x6                                    | A/O           | 150           | 13,700         | 10              |
| 236961  | CGW   | 50x30x6                                    | S/C           | 240           | 13,700         | 10              |
| 237142  | CGW   | 80x50x6                                    | A/O           | 60            | 8,600          | 10              |
| 237159  | CGW   | 80x50x6                                    | A/O           | 100           | 8,600          | 10              |
| 237166  | CGW   | 80x50x6                                    | A/O           | 150           | 8,600          | 10              |
| 237173  | CGW   | 80x50x6                                    | S/C           | 240           | 8,600          | 10              |

# MOUNTED NON-WOVEN FLAP WHEELS

## Principle use

- Light deburring and finishing on pipes and contoured surfaces.



|        |     |         |     |           |        |    |
|--------|-----|---------|-----|-----------|--------|----|
| 238286 | CGW | 40x20x6 | A/O | MEDIUM    | 17,000 | 10 |
| 238279 | CGW | 40x20x6 | A/O | FINE      | 17,000 | 10 |
| 238293 | CGW | 40x20x6 | A/O | VERY FINE | 17,000 | 10 |
| 238330 | CGW | 50x20x6 | A/O | MEDIUM    | 13,700 | 10 |
| 238323 | CGW | 50x20x6 | A/O | FINE      | 13,700 | 10 |
| 238347 | CGW | 50x20x6 | A/O | VERY FINE | 13,700 | 10 |
| 402946 | CGW | 80x50x6 | A/O | MEDIUM    | 8,600  | 10 |
| 238361 | CGW | 80x50x6 | A/O | FINE      | 8,600  | 10 |
| 238378 | CGW | 80x50x6 | A/O | VERY FINE | 8,600  | 10 |

CGW

# FLAP WHEELS

## Principle use

- Polishing surfaces on stainless steel and other metals
- Rust and paint removal
- All-purpose cleaning
- Suitable for linear finish of large surfaces
- Recommended peripheral speed: 40 M/S



Surface Polisher

D = outer diameter  
T = height  
H = bore diameter

## Abrasive cloth flap wheels

| EAN No. | LABEL | DIMENSIONS<br>millimetres<br>D x T x H | GRAIN<br>TYPE | GRAIN<br>SIZE | Max.<br>R.P.M. | Package<br>Qty. |
|---------|-------|----------------------------------------|---------------|---------------|----------------|-----------------|
| 378029  | CGW   | 100x100x19                             | A/O           | 40            | 5,700          | 4               |
| 237418  | CGW   | 100x100x19                             | A/O           | 60            | 5,700          | 4               |
| 237432  | CGW   | 100x100x19                             | A/O           | 80            | 5,700          | 4               |
| 378036  | CGW   | 100x100x19                             | A/O           | 100           | 5,700          | 4               |
| 378043  | CGW   | 100x100x19                             | A/O           | 120           | 5,700          | 4               |
| 378074  | CGW   | 100x100x19                             | A/O           | 150           | 5,700          | 4               |



## Interleaf flap wheels

|        |     |            |     |     |       |   |
|--------|-----|------------|-----|-----|-------|---|
| 237500 | CGW | 100x100x19 | A/O | 60  | 5,700 | 4 |
| 237524 | CGW | 100x100x19 | A/O | 100 | 5,700 | 4 |
| 378050 | CGW | 100x100x19 | A/O | 150 | 5,700 | 4 |
| 378067 | CGW | 100x100x19 | S/C | 240 | 5,700 | 4 |



## Non-woven web flap wheels

|         |     |            |     |            |       |   |
|---------|-----|------------|-----|------------|-------|---|
| 238 385 | CGW | 100x100x19 | A/O | COARSE     | 5,700 | 4 |
| 238 422 | CGW | 100x100x19 | A/O | MEDIUM     | 5,700 | 4 |
| 238 408 | CGW | 100x100x19 | A/O | FINE       | 5,700 | 4 |
| 238 453 | CGW | 100x100x19 | A/O | VERY FINE  | 5,700 | 4 |
| 238 446 | CGW | 100x100x19 | S/C | ULTRA FINE | 5,700 | 4 |



## Non-woven strip wheel

|         |     |            |     |     |       |   |
|---------|-----|------------|-----|-----|-------|---|
| 495 160 | CGW | 100x100x19 | A/O | CSD | 4,000 | 4 |
|---------|-----|------------|-----|-----|-------|---|



# FIBRE DISCS (A/O)

## For metal and stainless steel



To be used only with a backup pad! \*

### Principle use

- Deburring and weld blending
- Surface sanding and polishing
- Rust removal
- General cleaning

T-1 =



Fibre Disc Backup Pad

Angle Grinders

### Fibre discs (A/O) for metal and stainless steel

| EAN No. | LABEL | PRODUCT NAME | DIMENSIONS<br>millimetres<br>diameter x bore | DIMENSIONS<br>inches<br>diameter x bore | GRAIN SIZE | TYPE | Package Qty. |
|---------|-------|--------------|----------------------------------------------|-----------------------------------------|------------|------|--------------|
| 225279  | CGW   | CGW          | 115x22.23                                    | 4-1/2x7/8                               | 24         | T-1  | 25           |
| 225286  | CGW   | CGW          | 115x22.23                                    | 4-1/2x7/8                               | 36         | T-1  | 25           |
| 225293  | CGW   | CGW          | 115x22.23                                    | 4-1/2x7/8                               | 50         | T-1  | 25           |
| 225309  | CGW   | CGW          | 115x22.23                                    | 4-1/2x7/8                               | 60         | T-1  | 25           |
| 225316  | CGW   | CGW          | 115x22.23                                    | 4-1/2x7/8                               | 80         | T-1  | 25           |
| 225323  | CGW   | CGW          | 115x22.23                                    | 4-1/2x7/8                               | 100        | T-1  | 25           |
| 225330  | CGW   | CGW          | 115x22.23                                    | 4-1/2x7/8                               | 120        | T-1  | 25           |
|         |       |              |                                              |                                         |            |      |              |
| 225507  | CGW   | CGW          | 180x22.23                                    | 7x7/8                                   | 16         | T-1  | 25           |
| 225521  | CGW   | CGW          | 180x22.23                                    | 7x7/8                                   | 24         | T-1  | 25           |
| 225545  | CGW   | CGW          | 180x22.23                                    | 7x7/8                                   | 36         | T-1  | 25           |
| 225569  | CGW   | CGW          | 180x22.23                                    | 7x7/8                                   | 50         | T-1  | 25           |
| 225583  | CGW   | CGW          | 180x22.23                                    | 7x7/8                                   | 60         | T-1  | 25           |
| 225606  | CGW   | CGW          | 180x22.23                                    | 7x7/8                                   | 80         | T-1  | 25           |
| 225620  | CGW   | CGW          | 180x22.23                                    | 7x7/8                                   | 100        | T-1  | 25           |
| 225644  | CGW   | CGW          | 180x22.23                                    | 7x7/8                                   | 120        | T-1  | 25           |



### \*Fibre disc backup pad

|        |     |           |             |   |
|--------|-----|-----------|-------------|---|
| 238927 | CGW | 115 x M14 | 4-1/2 x M14 | 1 |
| 238934 | CGW | 180 x M14 | 7 x M14     | 1 |

FIBRE DISCS (A/O)

CGW

# A/O SCREW-LOCK SANDING DISCS (QUICK CHANGE)

## Principle use

- Automotive aftermarket
- Work on moulds and models, ideal for small and hard-to-polish surfaces
- Finishing on stainless steel, metals, and non-metals



Die Grinders



Angle Grinders



Screw-lock Backup Pad

## Coated cloth screw-lock sanding discs (quick change)

| EAN No. | LABEL | DIMENSIONS<br>millimetres<br>D x Shank | DIMENSIONS<br>inches<br>D | GRAIN<br>TYPE | GRAIN<br>SIZE | Max.<br>R.P.M. | Package<br>Qty. |
|---------|-------|----------------------------------------|---------------------------|---------------|---------------|----------------|-----------------|
| 757428  | CGW   | 51x6                                   | 2                         | A/O           | 24            | 25,000         | 100             |
| 757435  | CGW   | 51x6                                   | 2                         | A/O           | 36            | 25,000         | 100             |
| 757442  | CGW   | 51x6                                   | 2                         | A/O           | 40            | 25,000         | 100             |
| 763986  | CGW   | 51x6                                   | 2                         | A/O           | 50            | 25,000         | 100             |
| 757459  | CGW   | 51x6                                   | 2                         | A/O           | 60            | 25,000         | 100             |
| 763993  | CGW   | 51x6                                   | 2                         | A/O           | 80            | 25,000         | 100             |
| 764006  | CGW   | 51x6                                   | 2                         | A/O           | 120           | 25,000         | 100             |
| <hr/>   |       |                                        |                           |               |               |                |                 |
| 764013  | CGW   | 76x6                                   | 3                         | A/O           | 40            | 20,000         | 50              |
| 764020  | CGW   | 76x6                                   | 3                         | A/O           | 50            | 20,000         | 50              |
| 764037  | CGW   | 76x6                                   | 3                         | A/O           | 60            | 20,000         | 50              |
| 764044  | CGW   | 76x6                                   | 3                         | A/O           | 80            | 20,000         | 50              |
| 764051  | CGW   | 76x6                                   | 3                         | A/O           | 120           | 20,000         | 50              |

## CSD SCREW-LOCK SANDING DISCS (QUICK CHANGE)



## Principle use

- Cleaning welds and removing scale
- Removing rust and paint from metal bars

|         |     |      |   |     |     |        |    |
|---------|-----|------|---|-----|-----|--------|----|
| 298 297 | CGW | 51x6 | 2 | A/O | CSD | 18,000 | 50 |
| 298 310 | CGW | 76x6 | 3 | A/O | CSD | 15,000 | 50 |

# SCM SCREW-LOCK SANDING DISCS (QUICK CHANGE)

## Principle use

- Finishing on structural work and stainless steel, metal, and plastic
- Ideal for maintenance work



Die Grinders



Angle Grinders



Screw-lock  
Backup Pad

## Non-woven screw-lock sanding discs (quick change)

| EAN No. | LABEL | DIMENSIONS<br>millimetres<br>D x Shank | DIMENSIONS<br>inches<br>D | GRAIN<br>TYPE | GRAIN<br>SIZE | COLOR | Max.<br>R.P.M. | Package<br>Qty. |
|---------|-------|----------------------------------------|---------------------------|---------------|---------------|-------|----------------|-----------------|
| 810710  | CGW   | 25x6                                   | 1                         | A/O           | COARSE        | BROWN | 25,000         | 100             |
| 810727  | CGW   | 25x6                                   | 1                         | A/O           | MEDIUM        | RED   | 25,000         | 100             |
| 810734  | CGW   | 25x6                                   | 1                         | A/O           | VERY FINE     | BLUE  | 25,000         | 100             |
| 757541  | CGW   | 51x6                                   | 2                         | A/O           | COARSE        | BROWN | 23,000         | 100             |
| 757558  | CGW   | 51x6                                   | 2                         | A/O           | MEDIUM        | RED   | 23,000         | 100             |
| 757565  | CGW   | 51x6                                   | 2                         | A/O           | VERY FINE     | BLUE  | 23,000         | 100             |
| 764068  | CGW   | 76x6                                   | 3                         | A/O           | COARSE        | BROWN | 18,000         | 50              |
| 764075  | CGW   | 76x6                                   | 3                         | A/O           | MEDIUM        | RED   | 18,000         | 50              |
| 764082  | CGW   | 76x6                                   | 3                         | A/O           | VERY FINE     | BLUE  | 18,000         | 50              |



## Backup pad for screw-lock sanding discs (quick change)

| EAN No. | LABEL | DIMENSIONS<br>millimetres<br>D x Shank | DIMENSIONS<br>inches<br>D | Max.<br>R.P.M. | Package<br>Qty. |
|---------|-------|----------------------------------------|---------------------------|----------------|-----------------|
| 810741  | CGW   | 25x6                                   | 1                         | 28,000         | 1               |
| 238903  | CGW   | 51x6                                   | 2                         | 25,000         | 1               |
| 238910  | CGW   | 76x6                                   | 3                         | 20,000         | 1               |

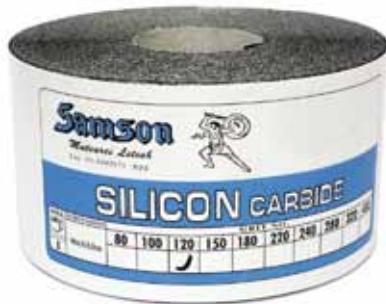
SCREW-LOCK DISCS

CGW

# SANDPAPER ROLLS

## Principle use

- Silicon carbide (S/C): sanding walls, wood, paint, lacquer, stone, fibreglass; all-purpose use
- Aluminium oxide (A/O): sanding walls and wood; auto body work; all-purpose use



Vibration Sanders



Manual Sanding

## Samson® S/C-coated sandpaper rolls

| EAN No. | LABEL | PRODUCT NAME | DIMENSIONS millimetres<br>W(mm) x L(M) | GRAIN TYPE | GRAIN SIZE | COLOR | Package Qty. |
|---------|-------|--------------|----------------------------------------|------------|------------|-------|--------------|
| 292356  | CGW   | SAMSON       | 115x90M                                | S/C        | 80         | BLACK | 1            |
| 232796  | CGW   | SAMSON       | 115x90M                                | S/C        | 100        | BLACK | 1            |
| 232819  | CGW   | SAMSON       | 115x90M                                | S/C        | 120        | BLACK | 1            |
| 232833  | CGW   | SAMSON       | 115x90M                                | S/C        | 150        | BLACK | 1            |
| 232857  | CGW   | SAMSON       | 115x90M                                | S/C        | 180        | BLACK | 1            |
| 232871  | CGW   | SAMSON       | 115x90M                                | S/C        | 220        | BLACK | 1            |
| 232895  | CGW   | SAMSON       | 115x90M                                | S/C        | 240        | BLACK | 1            |
| 232918  | CGW   | SAMSON       | 115x90M                                | S/C        | 280        | BLACK | 1            |
| 232932  | CGW   | SAMSON       | 115x90M                                | S/C        | 320        | BLACK | 1            |
| 232963  | CGW   | SAMSON       | 115x90M                                | S/C        | 400        | BLACK | 1            |



## MPR A/O-coated sandpaper rolls

|        |     |     |         |     |     |           |   |
|--------|-----|-----|---------|-----|-----|-----------|---|
| 233236 | CGW | MPR | 115x50M | A/O | 40  | RED/BROWN | 1 |
| 233243 | CGW | MPR | 115x50M | A/O | 50  | RED/BROWN | 1 |
| 233250 | CGW | MPR | 115x50M | A/O | 60  | RED/BROWN | 1 |
| 233267 | CGW | MPR | 115x50M | A/O | 80  | RED/BROWN | 1 |
| 233274 | CGW | MPR | 115x50M | A/O | 100 | RED/BROWN | 1 |
| 233281 | CGW | MPR | 115x50M | A/O | 120 | RED/BROWN | 1 |
| 233298 | CGW | MPR | 115x50M | A/O | 150 | RED/BROWN | 1 |
| 233304 | CGW | MPR | 115x50M | A/O | 180 | RED/BROWN | 1 |
| 233311 | CGW | MPR | 115x50M | A/O | 220 | RED/BROWN | 1 |



# SANDPAPER SHEETS

**GARNET PAPER**

**Description:**

Sheets of quality craft paper coated with garnet grain, a natural mineral without free silica, healthier to use



**Principle use:**

All-purpose use on interior walls, wood and paints

Ideal for D.I.Y. and home use



Vibration Sanders      Manual Sanding

## TANIN® GARNET PAPER

| EAN No. | LABEL | PRODUCT NAME | DIMENSIONS<br>millimetres<br>W x L | DIMENSIONS<br>inches<br>W x L | GRAIN TYPE | GRAIN SIZE | Package Qty. |
|---------|-------|--------------|------------------------------------|-------------------------------|------------|------------|--------------|
| 230266  | CGW   | TANIN        | 230x280                            | 9x11                          | GARNET     | 00 (200)   | 500          |
| 230280  | CGW   | TANIN        | 230x280                            | 9x11                          | GARNET     | 0 (150)    | 500          |
| 230303  | CGW   | TANIN        | 230x280                            | 9x11                          | GARNET     | 1 (120)    | 500          |
| 230327  | CGW   | TANIN        | 230x280                            | 9x11                          | GARNET     | 2 (100)    | 500          |
| 230341  | CGW   | TANIN        | 230x280                            | 9x11                          | GARNET     | 3 (80)     | 500          |
| 230365  | CGW   | TANIN        | 230x280                            | 9x11                          | GARNET     | 4 (60)     | 200          |

## CAMEL STRIP DISC

**Description and use**

- Non-woven disc for cleaning welds, deburring, and removing rust, scale, paint, and sealants.
- For use on stainless steel, ferrous and non-ferrous metals, fibreglass, stone, and wood.



Angle Grinder

| EAN No. | LABEL | PRODUCT NAME | DIMENSIONS<br>millimetres<br>diameter x bore | GRAIN TYPE | COLOR | TYPE | Max. R.P.M. | Package Qty. |
|---------|-------|--------------|----------------------------------------------|------------|-------|------|-------------|--------------|
| 334032  | CGW   | CSD          | 115x22.23                                    | A/O        | BLACK | T-27 | 11,000      | 5            |
| 334049  | CGW   | CSD          | 180x22.23                                    | A/O        | BLACK | T-27 | 7,000       | 5            |

SANDPAPER SHEETS

CGW



# FLEXIBLE CLOTH A/O-COATED ROLLS

## Principle use

- Manual polishing of shaped objects
- Bare wood sanding
- Machine polishing of wood, metal and plastic
- Rust and scale removal

J = flexible



Vibration Sanders



Manual Sanding

## Top J flexible cloth A/O-coated rolls

| EAN No. | LABEL | PRODUCT NAME | DIMENSIONS millimetres<br>W(mm) x L(M) | DIMENSIONS inches | TYPE of CLOTH | GRAIN SIZE | Package Qty. |
|---------|-------|--------------|----------------------------------------|-------------------|---------------|------------|--------------|
| 232475  | CGW   | TOPJ         | 150x50M                                | 6"                | JF            | 60         | 1            |
| 232505  | CGW   | TOPJ         | 150x50M                                | 6"                | JF            | 80         | 1            |
| 232536  | CGW   | TOPJ         | 150x50M                                | 6"                | JF            | 100        | 1            |
| 232567  | CGW   | TOPJ         | 150x50M                                | 6"                | JF            | 120        | 1            |
| 232598  | CGW   | TOPJ         | 150x50M                                | 6"                | JF            | 150        | 1            |
| 638116  | CGW   | TOPJ         | 150x50M                                | 6"                | JF            | 180        | 1            |
| 232635  | CGW   | TOPJ         | 150x50M                                | 6"                | JF            | 220        | 1            |
| 638123  | CGW   | TOPJ         | 150x50M                                | 6"                | JF            | 240        | 1            |
| 638130  | CGW   | TOPJ         | 150x50M                                | 6"                | JF            | 280        | 1            |
| 232697  | CGW   | TOPJ         | 150x50M                                | 6"                | JF            | 320        | 1            |
| 232734  | CGW   | TOPJ         | 150x50M                                | 6"                | JF            | 400        | 1            |



# FLEXIBLE CLOTH A/O-COATED ROLLS

Top J rolls are pre-packaged in convenient, economical dispensers



Manual Sanding



|        |     |      |        |    |    |     |   |
|--------|-----|------|--------|----|----|-----|---|
| 802722 | CGW | TOPJ | 50x25M | 2" | JF | 60  | 1 |
| 802739 | CGW | TOPJ | 50x25M | 2" | JF | 80  | 1 |
| 802746 | CGW | TOPJ | 50x25M | 2" | JF | 100 | 1 |
| 802753 | CGW | TOPJ | 50x25M | 2" | JF | 120 | 1 |
| 802760 | CGW | TOPJ | 50x25M | 2" | JF | 150 | 1 |
| 802777 | CGW | TOPJ | 50x25M | 2" | JF | 180 | 1 |
| 802784 | CGW | TOPJ | 50x25M | 2" | JF | 220 | 1 |
| 802791 | CGW | TOPJ | 50x25M | 2" | JF | 240 | 1 |
| 802807 | CGW | TOPJ | 50x25M | 2" | JF | 280 | 1 |
| 802814 | CGW | TOPJ | 50x25M | 2" | JF | 320 | 1 |
| 802821 | CGW | TOPJ | 50x25M | 2" | JF | 400 | 1 |



# FLEXIBLE CLOTH A/O-COATED SHEETS

## Principle use

- Sanding of wood, metal, paint, and plastic
- General purpose use
- Sanding of profiles and rounded metal parts



Manual Sanding



FLEXIBLE CLOTH SHEETS

| EAN No. | LABEL | PRODUCT NAME | DIMENSIONS millimetres WxL | TYPE of CLOTH | GRAIN SIZE | Package Qty. |
|---------|-------|--------------|----------------------------|---------------|------------|--------------|
| 227150  | CGW   | TOPJ         | 230x280                    | JF            | 60         | 50           |
| 227204  | CGW   | TOPJ         | 230x280                    | JF            | 80         | 50           |
| 227259  | CGW   | TOPJ         | 230x280                    | JF            | 100        | 50           |
| 227303  | CGW   | TOPJ         | 230x280                    | JF            | 120        | 50           |
| 227358  | CGW   | TOPJ         | 230x280                    | JF            | 150        | 50           |
| 227402  | CGW   | TOPJ         | 230x280                    | JF            | 180        | 50           |
| 227440  | CGW   | TOPJ         | 230x280                    | JF            | 220        | 50           |
| 227495  | CGW   | TOPJ         | 230x280                    | JF            | 240        | 50           |
| 227549  | CGW   | TOPJ         | 230x280                    | JF            | 280        | 50           |
| 227587  | CGW   | TOPJ         | 230x280                    | JF            | 320        | 50           |
| 227624  | CGW   | TOPJ         | 230x280                    | JF            | 400        | 50           |

## PORTABLE BELTS

### Description and principle use

- Made of x-weight polycotton cloth
- For surface grinding of metal and wood
- Excellent for floor sanding
- Other dimensions and grits are available upon request



Flat Sanders



| EAN No. | LABEL | DIMENSIONS millimetres WxL | GRAIN TYPE | GRAIN SIZE | MACHINE TYPE             | Package Qty. |
|---------|-------|----------------------------|------------|------------|--------------------------|--------------|
| 224 791 | CGW   | 100x560                    | A/O        | 40         | RYOBI ; B&D ; AEG        | 10           |
| 224 814 | CGW   | 100x560                    | A/O        | 60         | RYOBI ; B&D ; AEG        | 10           |
| 224 821 | CGW   | 100x560                    | A/O        | 80         | RYOBI ; B&D ; AEG        | 10           |
| 224 845 | CGW   | 100x560                    | A/O        | 120        | RYOBI ; B&D ; AEG        | 10           |
| 224 951 | CGW   | 100x610                    | A/O        | 40         | RYOBI ; MAKITA ; HITACHI | 10           |
| 224 975 | CGW   | 100x610                    | A/O        | 60         | RYOBI ; MAKITA ; HITACHI | 10           |
| 224 982 | CGW   | 100x610                    | A/O        | 80         | RYOBI ; MAKITA ; HITACHI | 10           |
| 225 002 | CGW   | 100x610                    | A/O        | 120        | RYOBI ; MAKITA ; HITACHI | 10           |

# NON-WOVEN NYLON WEB SHEETS WITH ABRASIVE GRAIN

## Principle uses

- Light cleaning and polishing of wood, metal, paint, and plastic
- Polishing stainless steel
- Rust removal
- Use wet or dry



Vibration Sanders



Manual Sanding



## Non-woven nylon web hand pads

| EAN No. | LABEL | PRODUCT NAME | DIMENSIONS millimeters<br>W x L | DIMENSIONS inches<br>W x L | GRAIN TYPE | GRAIN SIZE | Package Qty. |
|---------|-------|--------------|---------------------------------|----------------------------|------------|------------|--------------|
| 238491  | CGW   | NON-WOVEN    | 115x150                         | 4-1/2x6                    | A/O        | MEDIUM     | 10           |
| 238477  | CGW   | NON-WOVEN    | 115x150                         | 4-1/2x6                    | A/O        | FINE       | 10           |
| 238521  | CGW   | NON-WOVEN    | 115x150                         | 4-1/2x6                    | A/O        | VERY FINE  | 10           |
| 238507  | CGW   | NON-WOVEN    | 115x150                         | 4-1/2x6                    | S/C        | ULTRA FINE | 10           |
| 238538  | CGW   | NON-WOVEN    | 115x150                         | 4-1/2x6                    | A/O        | WHITE      | 10           |
| 301133  | CGW   | NON-WOVEN    | 150x230                         | 6x9                        | A/O        | COARSE     | 10           |
| 238552  | CGW   | NON-WOVEN    | 150x230                         | 6x9                        | A/O        | MEDIUM     | 10           |
| 238545  | CGW   | NON-WOVEN    | 150x230                         | 6x9                        | A/O        | FINE       | 10           |
| 238576  | CGW   | NON-WOVEN    | 150x230                         | 6x9                        | A/O        | VERY FINE  | 10           |
| 238569  | CGW   | NON-WOVEN    | 150x230                         | 6x9                        | S/C        | ULTRA FINE | 10           |
| 413706  | CGW   | NON-WOVEN    | 150x230                         | 6x9                        | A/O        | GREEN      | 10           |
| 238583  | CGW   | NON-WOVEN    | 150x230                         | 6x9                        | A/O        | WHITE      | 10           |



## Non-woven nylon web rolls

| EAN No. | LABEL | PRODUCT NAME | DIMENSIONS<br>millimeters<br>W(mm) x L(m) | GRAIN TYPE | GRAIN SIZE | Package Qty. |
|---------|-------|--------------|-------------------------------------------|------------|------------|--------------|
| 398829  | CGW   | NON-WOVEN    | 100 x 10M                                 | A/O        | COARSE     | 1            |
| 328710  | CGW   | NON-WOVEN    | 100 x 10M                                 | A/O        | MEDIUM     | 1            |
| 312795  | CGW   | NON-WOVEN    | 100 x 10M                                 | A/O        | FINE       | 1            |
| 274260  | CGW   | NON-WOVEN    | 100 x 10M                                 | A/O        | VERY FINE  | 1            |
| 338795  | CGW   | NON-WOVEN    | 100 x 10M                                 | S/C        | ULTRA FINE | 1            |
| 624782  | CGW   | NON-WOVEN    | 100 x 10M                                 | A/O        | GREEN      | 1            |

# A/O ABRASIVE SLEEVES

## Principle uses

- Internal sanding of bores and narrow, hard-to-reach surfaces
- Polishing metals
- For dry work, without coolant

D = outer diameter

T = height

Slotted Rubber Drum



ABRASIVE SLEEVES

CGW

| EAN No. | LABEL | DIMENSIONS<br>millimeters<br>D x T | GRAIN<br>TYPE | GRAIN<br>SIZE | COLOR     | Max.<br>R.P.M. | Package<br>Qty. |
|---------|-------|------------------------------------|---------------|---------------|-----------|----------------|-----------------|
| 237548  | CGW   | 10x10                              | A/O           | 80            | BROWN/RED | 38,000         | 100             |
| 237555  | CGW   | 10x10                              | A/O           | 120           | BROWN/RED | 38,000         | 100             |
| 237586  | CGW   | 15x30                              | A/O           | 36            | BROWN/RED | 26,000         | 100             |
| 237593  | CGW   | 15x30                              | A/O           | 50            | BROWN/RED | 26,000         | 100             |
| 237609  | CGW   | 15x30                              | A/O           | 80            | BROWN/RED | 26,000         | 100             |
| 237616  | CGW   | 22x20                              | A/O           | 36            | BROWN/RED | 17,000         | 100             |
| 237623  | CGW   | 22x20                              | A/O           | 50            | BROWN/RED | 17,000         | 100             |
| 237630  | CGW   | 22x20                              | A/O           | 80            | BROWN/RED | 17,000         | 100             |
| 237647  | CGW   | 22x20                              | A/O           | 120           | BROWN/RED | 17,000         | 100             |
| 237654  | CGW   | 22x20                              | A/O           | 150           | BROWN/RED | 17,000         | 100             |
| 237661  | CGW   | 30x30                              | A/O           | 36            | BROWN/RED | 13,000         | 100             |
| 237678  | CGW   | 30x30                              | A/O           | 50            | BROWN/RED | 13,000         | 100             |
| 237685  | CGW   | 30x30                              | A/O           | 80            | BROWN/RED | 13,000         | 100             |
| 237692  | CGW   | 30x30                              | A/O           | 150           | BROWN/RED | 13,000         | 100             |
| 237708  | CGW   | 45x30                              | A/O           | 50            | BROWN/RED | 8,500          | 100             |
| 237715  | CGW   | 45x30                              | A/O           | 80            | BROWN/RED | 8,500          | 100             |
| 237722  | CGW   | 45x30                              | A/O           | 150           | BROWN/RED | 8,500          | 100             |
| 278794  | CGW   | 75x30                              | A/O           | 60            | BROWN/RED | 5,000          | 100             |
| 278800  | CGW   | 75x30                              | A/O           | 80            | BROWN/RED | 5,000          | 100             |
| 278817  | CGW   | 75x30                              | A/O           | 150           | BROWN/RED | 5,000          | 100             |

| EAN No. | LABEL | DIMENSIONS<br>D x T x Shank | Max.<br>R.P.M. | Package<br>Qty. |
|---------|-------|-----------------------------|----------------|-----------------|
| 239 177 | CGW   | 10x10x6                     | 38,000         | 1               |
| 239 191 | CGW   | 15x30x6                     | 26,000         | 1               |
| 239 207 | CGW   | 22x20x6                     | 17,000         | 1               |
| 239 214 | CGW   | 30x30x6                     | 13,000         | 1               |
| 239 221 | CGW   | 45x30x6                     | 8,500          | 1               |
| 239 238 | CGW   | 75x30x6                     | 5,000          | 1               |

## SLOTTED RUBBER DRUM ON SHANK



# KIPOD® INDUSTRIAL WIRE BRUSHES

## Principle use

- ▲ Removal of weld slag, rust and paint from metal surfaces
- Removal of concrete remnants from casting molds
- Cleaning and reconditioning of concrete and decorative stone surfaces



Angle Grinders

## KIPOD® Standard Twist Wheel Brush, Threaded



Dimensions: 4-1/2" x M14

EAN No.: 435135

Label: CGW

Max. R.P.M.: 12,500

Steel wire, Ø 0.50 mm

For use on 4-1/2" and 5"  
angle grinders

## KIPOD® Crimped Wire Cup Brush, Threaded



Dimensions: 3" x M14

EAN No.: 435111

Label: CGW

Max. R.P.M.: 12,500

Steel wire, Ø 0.30 mm

For use on 4-1/2" and 5"  
angle grinders

## KIPOD® Stringer Bead Twist Knot Wheel Brush



Dimensions: 5" x 7/8"

EAN No.: 467440

Label: CGW

Max. R.P.M.: 12,500

Steel wire, Ø 0.50 mm

For use on 5" angle grinders

## KIPOD® Crimped Wire Cup Brush, Threaded



Dimensions: 5" x M14

EAN No.: 435104

Label: CGW

Max. R.P.M.: 6,500

Steel wire, Ø 0.35 mm

For use on 9" angle grinders

## KIPOD® Twisted Knot Wheel Brush



Dimensions: 6" x 7/8"

EAN No.: 435142

Label: CGW

Max. R.P.M.: 9,500

Steel wire, Ø 0.50 mm

For use on 6", 7" and 9" angle  
grinders

## KIPOD® Twisted Knot Cup Brush, Threaded



Dimensions: 3" x M14

EAN No.: 435128

Label: CGW

Max. R.P.M.: 12,500

Steel wire, Ø 0.50 mm

For use on 4-1/2" and 5"  
angle grinders

## KIPOD® Twisted Knot Wheel Brush



Dimensions: 7" x 7/8"

EAN No.: 435159

Label: CGW

Max. R.P.M.: 8,500

Steel wire, Ø 0.50

For use on 7" and 9" angle  
grinders

# BENCH WHEELS

## STANDARD ITEMS

| APPLICATION                      | GRIT SIZE                                                                           | Coarse |        | Medium   |          | Fine     |           |
|----------------------------------|-------------------------------------------------------------------------------------|--------|--------|----------|----------|----------|-----------|
|                                  |                                                                                     | 24     | 36     | 46       | 60       | 80       | 100       |
| Metal/iron/<br>general use       |    | A24Q5V | A36P5V | A46N6V   | A60M6V   | A80M6V   | A100M6V   |
| Steel,<br>Stainless<br>steel     |    |        |        | WA46K7V  | WA60K7V  | WA80K7V  | WA100K7V  |
| HSS                              |    |        |        | WAB46K7V | WAB60K7V | WAB80K7V | WAB100K7V |
| Carbide<br>Non-Ferrous<br>Metals |  |        |        | GC46J7V  | GC60J7V  | GC80J7V  | GC100J7V  |

## MOST COMMON WHEEL SIZES

| DIAMETER    | THICKNESS | 13mm<br>1/2" | 20mm<br>3/4" | 25mm<br>1" | 32mm<br>1-1/4" | 40mm<br>1-1/2" | 50mm<br>2" |
|-------------|-----------|--------------|--------------|------------|----------------|----------------|------------|
| 125mm / 5"  |           | ✓            | ✓            | ✓          |                |                |            |
| 150mm / 6"  |           | ✓            | ✓            | ✓          |                |                |            |
| 175mm / 7"  |           | ✓            | ✓            | ✓          |                |                |            |
| 200mm / 8"  |           | ✓            | ✓            | ✓          |                |                |            |
| 250mm / 10" |           |              | ✓            | ✓          | ✓              | ✓              | ✓          |
| 300mm / 12" |           |              | ✓            | ✓          | ✓              | ✓              | ✓          |
| 350mm / 14" |           |              |              |            | ✓              | ✓              |            |

## STANDARD BORE SIZES

For wheel diameter of 125mm, 150mm, 175mm, 200mm:

12.7mm (1/2"), 13mm, 15.88mm (5/8"), 16mm, 19.05mm (3/4"), 20mm, 25.4mm (1"),  
31.75mm (1-1/4"), 32mm. With or without bushings

For wheel diameter of 250mm, 300mm, 350mm:

31.75mm (1-1/4"), 32mm, 38.1mm (1-1/2"). 50.8mm (2")

\*To order wheels of other compositions and dimensions, please consult your CGW representative.



BENCH WHEELS

CGW

# MOUNTED POINTS

**CGW offers a full range of mounted points:**

General purpose: PA60P/QV

Heavy duty use: PA36P/QV

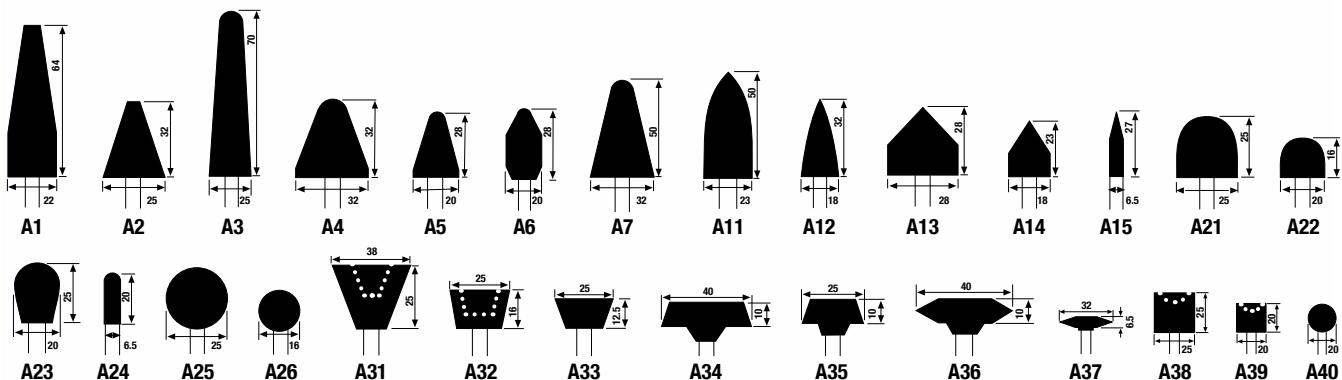
Non-ferrous metals and stone: C36QV

Stainless steel: A46QB

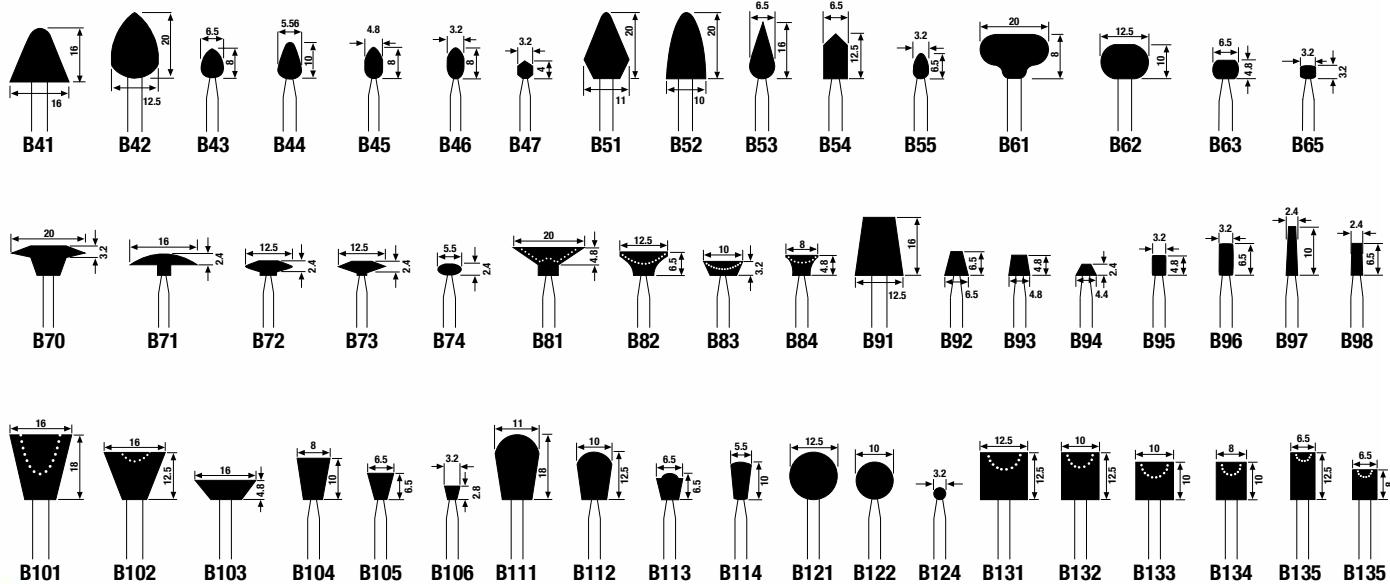
Castings: A/PA20S5V



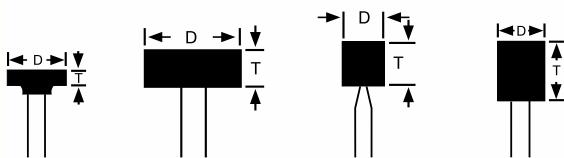
## GROUP A (6mm mandrel)



## GROUP B (3mm mandrel)



## GROUP W (3mm and 6mm mandrel)



D = diameter (from 3.2mm to 50 mm)

T = height (from 3.2mm to 50 mm)

\* All mounted points are available in packages of 10 or 50 pcs.

To order special items, please consult your CGW representative.

# CARBIDE ROTARY BURRS



Carbide burrs or rotary files are made in a variety of shapes and types, and are used for deburring, drilling, milling, and finishing numerous shapes and materials, including aluminium, copper, plastic, stainless steel, iron, castings, and titanium. For use on hand-held pneumatic and electric die grinders.

## Matching burr type to application

| BURR TYPE       | ALU | C | D | S |
|-----------------|-----|---|---|---|
| APPLICATION     |     |   |   |   |
| Aluminium       | ●   |   |   |   |
| Copper          |     | ● | ● | ● |
| Fibreglass      |     |   | ● |   |
| Cast iron       |     | ● | ● | ● |
| Plastic         | ●   | ● | ● | ● |
| Hard rubber     | ●   | ● | ● | ● |
| Iron alloys     |     |   | ● |   |
| Stainless steel |     | ● | ● | ● |
| Nickel          |     | ● | ● | ● |
| Titanium        |     |   | ● | ● |
| Zinc alloys     | ●   |   |   |   |
| Magnesium       | ●   |   |   |   |

**S** Standard tooth formation for general-purpose deburring

**D** Diamond tooth for use on hard metals. Produces high surface quality, very small metal shavings and no blockage (double tooth)

**C** For general-purpose deburring on high-tensile steel; small shavings, fast and easy (double tooth)

**ALU** Aluminium tooth for processing non-metals and soft materials. Quick, easy stock removal.

## Recommended operating speeds, by application

|                 | Ø 3 mm          | Ø 6 mm          | Ø 10 mm         | Ø 12 mm         | Ø 16 mm         |
|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Steel           | 60,000 - 90,000 | 45,000 - 60,000 | 30,000 - 40,000 | 22,500 - 30,000 | 18,000 - 24,000 |
| Hardened steel  | 60,000 - 90,000 | 30,000 - 45,000 | 19,000 - 30,000 | 15,000 - 22,500 | 12,000 - 18,000 |
| Stainless steel | 60,000 - 90,000 | 30,000 - 45,000 | 19,000 - 30,000 | 15,000 - 22,500 | 12,000 - 18,000 |
| Grey castings   | 45,000 - 90,000 | 22,500 - 60,000 | 15,000 - 40,000 | 11,000 - 30,000 | 9,000 - 24,000  |
| Titanium        | 60,000 - 90,000 | 30,000 - 45,000 | 19,000 - 30,000 | 15,000 - 22,500 | 12,000 - 18,000 |
| Nickel          | 60,000 - 90,000 | 30,000 - 45,000 | 19,000 - 30,000 | 15,000 - 22,500 | 12,000 - 18,000 |
| Copper          | 45,000 - 90,000 | 22,500 - 60,000 | 15,000 - 40,000 | 11,000 - 30,000 | 9,000 - 24,000  |
| Aluminium       | 30,000 - 90,000 | 15,000 - 70,000 | 10,000 - 50,000 | 7,000 - 38,000  | 6,000 - 30,000  |
| Plastic         | 30,000 - 90,000 | 15,000 - 70,000 | 10,000 - 50,000 | 7,000 - 38,000  | 6,000 - 30,000  |



## SETS OF CARBIDE BURRS



EAN code: 597 482

**Contents:**

1 pc each of 10 assorted shapes

Shank diameter: 6mm



EAN code: 753 789

**Contents:**

1 or 2 pcs each of the following 20 different shapes:

1402D

1502D

1602D

1702D-1

3400D

3500D

3600D

3700D-1

9400D

9500D

9600D

9700D

6400D

6450D

6800D

4400D

4500D

4600D-1

4700D

# VITRIFIED GRINDING WHEELS: PRODUCTS BY CATEGORY

## PRECISION GRINDING WHEELS



CGW engineers have developed specially formulated wheels for resharpening single- and multi-point cutting tools, for surface, cylindrical, and all other grinding operations.

For grinding steels and high-speed steels (HSS), CGW offers a large selection of abrasive types: white, blue, red and pink aluminium oxide, and AS (ceramic abrasive). For tungsten carbide applications, we recommend green silicon carbide.

Standard types: 1, 5, 6, 7, 11 & 12. Special types are available on request.

## CREEP FEED GRINDING WHEELS



CGW offers a broad range of creep feed grinding wheels for both continuous dressing and periodic (non-continuous) dressing. Our R&D department has developed bonds with high porosity for wheels of different abrasive types: WAG, WAB, WAY, WAR, AS, RA, PA.

Our large finishing department is equipped with CNC machines that profile wheels according to customer requirements.

## SURFACE GRINDING WHEELS



Surface grinding wheels are used for heavy stock removal and precision surface grinding.

CGW offers a wide range of sizes, with diameters of up to 25" (625mm), in all types and grits.

Standard types: 1, 2, 5, 6, 7. Segments and special types by request.

Abrasive types WA, PA, AZ, RA, AS, GC, DA, C.

## CYLINDRICAL GRINDING WHEELS



Wheels for general purpose cylindrical grinding applications (O.D. grinding) are available in all abrasive types and profiles, up to 25" (625mm) in diameter.

Standard types: 1, 5, 6, 7, 20, 21, profile N. Special profiles are available on request.

Abrasive types: WA, PA, AZ, RA, AS, GC, DA.

## CENTRELESS GRINDING WHEELS



CGW manufactures a wide range of dimensions in centreless and regulating wheels, for three types of feed grinding:

Thrufeed - the workpiece passes between the grinding and regulating wheels, from one side of the machine to the other.

Infeed - the workpiece is placed on the work-rest between the grinding and the regulating wheels and held in position against the end-stop.

Endfeed - used to produce tapered cylindrical parts. The grinding wheel, the regulating wheel and the workpiece are set in fixed positions, and the workpiece fed from the front to a fixed end-stop.

### Centreless wheels:

Diameter up to 600mm (24")  
Thickness up to 500mm (20")

### Regulating wheels:

Diameter up to 350mm (14")  
Thickness up to 500mm (20")

# VITRIFIED GRINDING WHEELS: PRODUCTS BY CATEGORY

## TOOLROOM GRINDING WHEELS



Toolroom wheels are available in the following abrasive types:

WA (white) for light stock removal, multi-purpose.

PA (pink) for medium stock removal, good for holding form.

AZ (WAB) (blue) for medium stock removal, good for holding form and for heat-sensitive materials.

RA (red) for heavy stock removal, good for holding form and for heat-sensitive materials.

AS (blue ceramic abrasive grit) for heavy stock removal, good for holding form, long life.

GC (green) for grinding carbide and non-ferrous metals.

Standard types: 1, 6, 11, 12. Additional shapes available on request.

## INTERNAL GRINDING WHEELS



For grinding internal diameters (bores/holes), one of the most challenging grinding processes. The recommended wheel for internal grinding has a diameter of up to 2/3 of the final bore required.

CGW offers all sizes up to 150mm (6") in diameter, types: 1, 5, 6.

Abrasive types: WA, RA, AS, PA, GC. Special types available on request.

## BENCH GRINDING WHEELS



Straight T-1 wheels are used for off-hand tool sharpening and grinding.

General purpose vitrified wheels for use on bench and pedestal grinders, CGW bench wheels are available in diameters of up to 450mm (18").

A - Aluminium oxide for metal, iron and general use

GC - Green silicon carbide for carbide or non-ferrous metals

WA/WAB: WA for stainless steel; WAB for high-speed steel (HSS).

## DRESSING WHEELS, BLOCKS AND STICKS



CGW produces all types and dimensions of dressing wheels for diamond and CBN wheels, by customer request.

All types of sticks and blocks are available for various applications such as cleaning and knife sharpening (single- or double-layered).

## MOUNTED POINTS



CGW offers a complete range of shaped and cylindrical mounted points.

Standard abrasive types:

PA for general purpose grinding

A for stainless steel (resin bond)

C for stone

All abrasive types are available on request.

Group A: shaped mounted point wheels with 6mm (1/4") shank, for general purpose off-hand applications.

Group B: shaped mounted point wheels with 3mm (1/8") shank, for light deburring of small areas.

Group W: cylindrical mounted points with 6mm (1/4") or 3mm (1/8") shank, used in off-hand and precision grinding operations for medium to heavy stock removal.



THE INTERNATIONAL CERTIFICATION NETWORK

# CERTIFICATE

IQNet and  
THE STANDARDS INSTITUTION OF ISRAEL  
hereby certify that the organization

**C.G.W. - CAMEL GRINDING WHEEL WORKS**  
**SARID LTD.**  
**SARID**

for the following field of activities

MANUFACTURE OF ABRASIVE GRINDING WHEELS, ABRASIVE  
CUT-OFF DISCS, COATED ABRASIVES, MOUNTED POINTS  
AND FLAPDISCS.

has implemented and maintains a

## Quality Management System

which fulfills the requirements of the following stan

ISO 9001:2008

Issued on :

16. 07. 2009

Date of expiration:

16. 09. 2012

Date of initial approval:

26. 09. 1996

Registration number: IL- 48763

Rene Würmer  
President of IQNet

**IQNet Partners:** AFNOR France, ATAO AFNOR France, AIB-Vinçotte International Belgium, CGC China CCIM China, CIS Czech Republic, Con-Cert Croatia, DQS Germany, DS Denmark, HIQQA Hong Kong China, ICOTEC Colombia, MIETI Hungary, Q-Meta Certification Austria, NAMKO AB Norway, NSAI Ireland, PCBC Poland, QM-Quality Quality Austria, SII America, SIIQ Slovenia, SRIM QAS Institutions/Malaysia, TÜV Nord-Zentrale SPAC R. IQNet is represented in the USA by AFNOR AFNOR, CISG, DQS.

\* The list of IQNet partners is valid at the time of issue of this certificate. Up-to-date information can be found at [www.iqnet.com](http://www.iqnet.com).



The Organization for the Safety of Abrasives (oSa)  
herewith grants to the company

## C.G.W. - CAMEL GRINDING WHEELS

based on the Application Form, oSa®-Constitution and Conditions of Use for the oSa® trademark the right until withdrawn to use the oSa® mark in the described colours for the abrasives notified.

The membership also covers affiliated companies on condition that these fulfill the requirements stipulated in § 6 para. 1 of the oSa®-Constitution and § 2-4 of the Conditions of Use for the oSa®-Trademark respectively.



This right applies to the designation of the registered tools as well as their packaging or labelling.

Bonn, 03 August 2009

Executive Board

Organization for the Safety of Abrasives (oSa) - Oxfordstraße 8 - D-53111 Bonn - Germany





EN 13743

EN 12413



**CGW** CAMEL GRINDING WHEELS

Tel: ++972 4 6507216  
Fax: ++972 4 6540899  
Mail: david@cgwheels.com  
Visit: www.cgwheels.com