

DUPRO

Catalogue 2008



DuPro

**GRINDING & CUT-OFF
WHEELS**

DuPro Tools, a company with a focus on power tool accessories and abrasives, developed its OEM business successfully during the last 12 years by working with well known companies across the globe.

Our young and dynamic team always listens to our customers needs with interest, ready to provide satisfying solutions.

Insisting on **QUALITY** and **SERVICE** makes DuPro Tools a reliable one-stop supplier for all your cutting needs.

DuPro, the name coming from the spirit of the company, does everything professionally. All the knowledge and experience of our team is at your disposal. We are ready to be near our partners to insure the delivery of the right products, to the right market at the right time.



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We are proud to present our team to you. When you are working with DuPro, you are not only working with our sales representatives, you are working with our entire team and you have all our support.

REARCH AND DEVELOPMENT

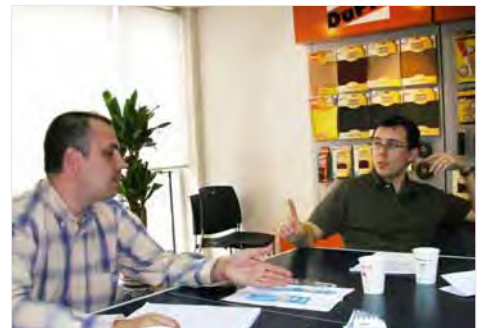
Continuous research and comprehensive studies by our engineering team enables us to follow the most up to date technology to improve the quality of our products and develop our knowledge day by day. Our team is always enthusiastic to develop new technology to provide new solutions to meet the requirement of our partners and satisfy our customers. Thanks for contacting us! Your comments are appreciated. We are ready to work with you on your interesting ideas.



Contact: info@sinosource.com.cn

SALES

What is Win-Win? Our understanding is, our partners have to win first, only then can we win. Our well trained sales team is available anytime with comprehensive knowledge of tools and commercial applications.



Contact: sales@sinosource.com.cn

QUALITY CONTROL

All of the facts we've found in our examination of the process from raw materials to our performance testing, have become a real asset to the company. We test so rigidly to guarantee the safety and high productivity of our products. If you are unsatisfied with the performance of your DuPro tools or you discover any defects, please report them to us immediately.



Contact: QA@sinosource.com.cn

MARKETING

Easily recognizable images and clear information help our users to choose the right tools with little difficulties. Innovative packing and a wide variety of products provide a pleasant buying experience. While high standards and quality provide a safe experience. Our years of experience have been essential in keeping us creative! Let us know what you like and don't about our products, your opinion is invaluable!



Contact: Marketing@sinosource.com.cn

LOGISTICS

Delivery logistics is simplified by using LOPAQS. Our export DC center is based on the concept of one stop solution for our customers. We provide logistics, packing, quality control and inventory management. Let's find the best way to build a seamless pipeline from our manufacturing to your distribution.



Contact: Lopaqs@sinosource.com.cn

MANUFACTURING

Up to date technology, automatic equipment, well trained technicians, and ISO9000 certified management guaranteed. We can provide the most cost effective products. We are dedicated to improving our production from all aspects. Any suggestions, please



Contact: blades@sinosource.com.cn

FINANCE

Our job is to work with our suppliers and customers to create the most efficient financial arrangement for you. We are open to discuss any suggestions to improve the cooperation with our suppliers and customers.

Contact: Finance@sinosource.com.cn



CUSTOMER SERVICE

We keep in close contact with our customers to insure satisfaction all around.

Contact: export@sinosource.com.cn



TOOL WHEEL CUT-OFF WHEELS



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WHY DUPRO DISCS

Safety

All blades are manufactured strictly to EN13236 and approved by MPA. A high safety level not only gives you the highest protection but also enables you to work more aggressively and increases efficiency. In general, you can have more confidence with your DuPro tools.



Efficiency

Time is money. Effort is cost. Based on this simple concept, all DuPro blades are designed and manufactured to the highest quality for fast and easy cutting.

Life and Cost

Fast is not enough. The durability of our blades drive the cost per cut to be the most cost effective, as well as saving time for blade changes.

Best Performance

There may be different explanations of performance for so many different blades, but the fact is simple:

Abrasives	Brittle	→	Medium	→	Tough
Bond	Soft	→	Medium	→	Hard
Machine power	Low	→	Medium	→	High
Performance	Best	→	Best	→	Best

Best solution

DuPro range of blades will provide the best solution for you after comprehensive testing and comparisons. We guarantee the best performance when using the proper blades for the suggested purposes and suggested machines.

Stability

The strict selection of raw materials and manufacturing standards enables us to maintain consistent high quality production for all of our manufactured goods.

HOW TO CHOOSE DUPRO WHEELS

DuPro wheels are developed for a whole range of materials, eg.

- Constructional steels
- Inox
- High quality steel
- Aluminum
- Concrete
- Stone
- Asphalt

for all masonry applications such as:

- Steel construction
- Installation work
- Automobile and body plants
- Roofers
- Tilers
- Building contractors
- Construction companies
- Ambitious D.I.Y. professionals.

DuPro tools have provided a simple color coding system to help customers in their selection of the right discs.

Metal

Blue: applications on ferrous and non-ferrous metals, steel, iron, welds, aluminum, brass, bronze etc.

Inox

Red: for stainless steel or other high tensile steels

Stone

Green: for application such as concrete, stone, bricks, masonry, asphalt.

Black background

Regular thickness for aggressive cutting of structural or bigger materials

Grey background

Thin wheels for fine cutting of smaller or thinner materials.

RECOMMENDATION OF CUT-OFF WHEELS

Machine	Specification		Steel			Inox			Masonry (Stone, Bricks, concrete)	Reinforced concrete/Cast Iron	
	Range	Size	Small or Thin	medium	Big or Thick	Small or Thin	medium	Big or Thick			
Angle Grinder	2500	115mm	● ● ●	●					● ● ●		
		125mm	● ● ●	●					● ● ●		
		180mm	●	● ● ●						● ● ●	
		230mm	●	● ● ●	● ●					● ● ●	
	2000	115mm	● ● ●								
		125mm	● ● ●								
		180mm	● ● ●	● ●							
		230mm	● ● ●	● ●							
	1600	115mm	● ● ●				● ● ●				
		125mm	● ● ●				● ● ●				
		180mm	● ● ●	●			● ● ●	●			
		230mm	● ● ●	●			● ● ●	● ●			
Chop saw (2.2-3KW)	2800	300mm	● ● ●	● ●							
		350mm	● ● ●	● ●							
		400mm	● ● ●	● ●							
Stationary Machines (3-5KW)	4000	300mm		● ●	● ● ●						
		350mm		● ●	● ● ●						
		400mm		● ●	● ● ●						
Gas saw (4-7KW)	4800	300mm	●	● ●	● ● ●				● ● ●	● ● ●	
		350mm	●	● ●	● ● ●				● ● ●	● ● ●	
		400mm	●	● ●	● ● ●				● ● ●	● ● ●	



BEST PERFORMANCE-----Fast and smooth cutting, long life.



GOOD PERFORMANCE----Cutting speed will be lower.



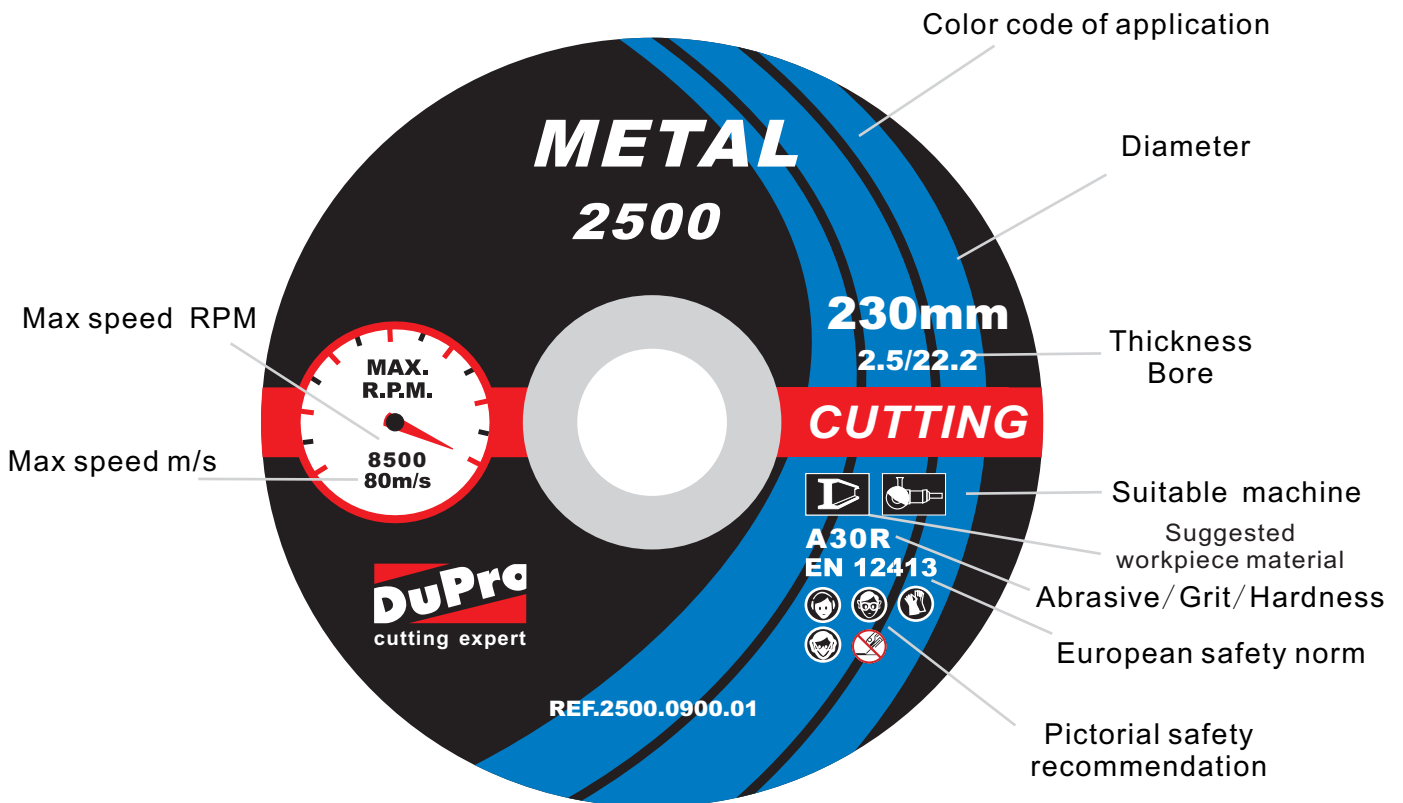
ACCEPTABLE PERFORMANCE---Cutting speed will be lower and the life will be shorter.

POWER OUTPUT OF ANGLE GRINDER

Angle grinder	Machine type	100mm	115mm	125mm	180mm	230mm
High power	Air powered	-	<800w	<1000w	<1900w	<2200w
	Electric-speed controlled	-	<1400w	<1500w	<2500w	<2800w
	Electric	<700w	<1000w	<1200w	<2200w	<2500w
Low power	Air powered	<400w	<600w	<800w	<1500w	<1800w
	Electric	<500w	<1000w	<1200w	<1800w	<2000w

Please use this catalogue or visit our website www.sinosource.com.cn to download the catalogue in PDF. This will help you to choose the most suitable wheels for your applications.

INDICATIONS



Please read the indicators on the wheel carefully prior to purchase; The indicators will provide the user with all necessary information about the wheels and the suggested applications.

METAL

Most popular cut-off wheels for comprehensive jobs on site. Ideal for construction work on structural materials, angle bars, steel pipe and steel supports.

Abrasives	Aluminum Oxide
Bond	R
Reinforce	Double fiber net
Safety	EN12413
Max speed	80m/s
Thickness	2.5mm
Workpiece Material	Structural Steels
Feature	High stock removal/Fast cutting



Recommendation for use:

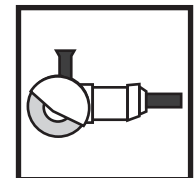
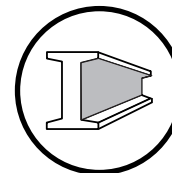
100mm/115mm/125mm for cutting small and thin materials. For example, material small than angle bar 30x30x3mm
 180mm/230mm for cutting medium to large size materials, For example, IPN 80x40x4mm

Cautions:

Don't use 230mm to cut small materials, this will reduce the durability of the disc. Best performance for angle grinder with power >2000W.

Thanks to improved technology of thinner and stronger reinforced fiber net, We are able to reduce the thickness of each wheel up to 2.5mm, with stronger build and a higher level of safety.

The 2.5mm thickness proved to have the best cutting efficiency with less effort.



D	T	B	Designation	Part number	Quan per box	Quantity per ctn.
100	2.5	16.0	A46R	2500.100.01	25	200
115	2.5	22.2	A46R	2500.115.01	25	200
125	2.5	22.2	A46R	2500.125.01	25	200
180	2.5	22.2	A30R	2500.180.01	25	100
230	2.5	22.2	A30R	2500.230.01	25	100

METAL

Developed to meet the strict requirements of accurate cutting with burn free finish.

Good for small size solid materials, metal sheets, wire ropes and thin profiles.

Abrasives	Aluminum Oxide
Bond	T
Reinforce	Double fiber net
Safety	EN12413
Max speed	80m/s
Thickness	1.2/2.0mm
Workpiece Material	Alloyed steels/H.S.S./Low grade inox
Feature	Smooth cutting with long life



Recommendation for use:

100mm/115mm/125mm for cutting small and thin materials. 180mm/230mm for cutting small to medium size materials.

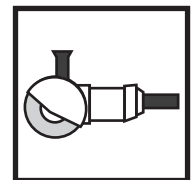
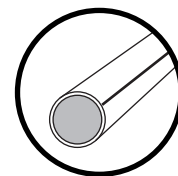
High power angle grinders required, for 115mm>800w, 125mm>1000w, 180mm>1800w, 230mm>2000w.

Cautions:

Not recommended for cutting high grade inox and bigger materials, for example angle bar 50x50x5mm. Slow cutting may burn the material.

Great cutting experience for thin and flexible materials like thin wall pipe and profiles where you need to cut quickly without deformation.

Fast, clean, smooth, no burn cutting deliver a fine finish.



D	T	B	Designation	Part number	Quan per box	Quantity per ctn.
100	1.2	16.0	A46T	2000.100.01	50	200
115	1.2	22.2	A46T	2000.115.01	50	200
125	1.2	22.2	A46T	2000.125.01	50	200
180	1.8	22.2	A30T	2000.180.01	25	100
230	2.0	22.2	A30T	2000.230.01	25	100

INOX

Developed to meet the strict requirement of accurate cutting with burn free finish of stainless steel.
Medium hard multipurpose wheel to reduce heat build-up. Suitable for use with angle grinder of all output levels.

Abrasives	Aluminum Oxide/Zirconium
Bond	R
Reinforce	Double fiber net
Safety	EN12413
Max speed	80m/s
Thickness	1.2/2.0mm
Workpiece Material	Stainless steel
Feature	Smooth cutting with long life



Recommendation for use:

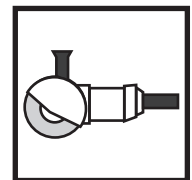
100mm/115mm/125mm for cutting small and thin materials.
180mm/230mm for cutting small to medium size materials.

Cautions:

Not recommended for larger materials, for example Solid bar more than 25mm.
Slow cutting may burn the material.

Nice cutting experience for thin and flexible materials like thin wall pipe and profiles where you need to cut quickly without deformation.

Fast, clean, smooth, no burn, cutting delivers a fine finish.



D	T	B	Designation	Part number	Quan per box	Quantity per ctn.
100	1.2	16.0	ZA46R	1600.100.01	50	200
115	1.2	22.2	ZA46R	1600.115.01	50	200
125	1.2	22.2	ZA46R	1600.125.01	50	200
180	1.8	22.2	ZA30R	1600.180.01	25	100
230	2.0	22.2	ZA30R	1600.230.01	25	100

STONE

Most popular cut-off wheels for comprehensive jobs on site. Ideal for construction work, good for any natural and artificial stone, concrete and refractory bricks.

Abrasives	Silicon Carbide
Bond	R
Reinforce	Double fiber net
Safety	EN12413
Max speed	80m/s
Thickness	2.5mm
Workpiece Material	Masonry
Feature	High stock removal/Fast cutting



Recommendation for use:

100mm/115mm/125mm for cutting small and thin materials, for example, Floor tiles. 180mm/230mm for cutting medium to large size materials, concrete block for example.

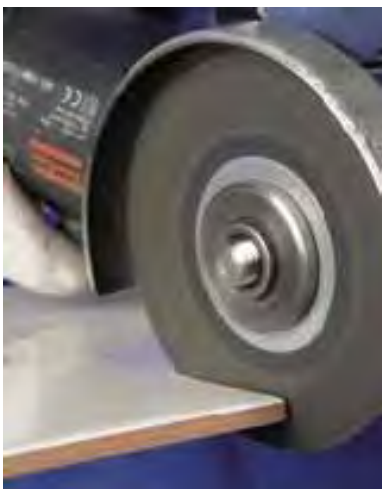
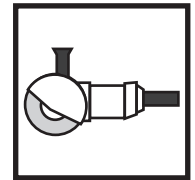
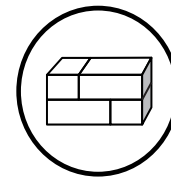
Cautions:

When you use 230mm to cut small materials, the life may be shorter. Best performance for angle grinder with power >2000W.

Thanks to improved technology of thinner and stronger reinforced fiber net.

We reached our goal to reduce the thickness of wheels to 2.5 with stronger build and a higher level of safety.

The 2.5 thickness proved to have the best cutting efficiency with the least effort. It is so sharp you'll enjoy cutting with it.



D	T	B	Designation	Part number	Quan per box	Quantity per ctn.
100	2.5	16.0	C46R	C2500.100.01	25	200
115	2.5	22.2	C46R	C2500.115.01	25	200
125	2.5	22.2	C46R	C2500.125.01	25	200
180	2.5	22.2	C30R	C2500.180.01	25	100
230	2.5	22.2	C30R	C2500.230.01	25	100

METAL

Most popular cut-off wheels for comprehensive jobs on site used by Chop saw.
Medium soft bond ideal for general purpose cool cutting on thin materials.

Abrasives	Aluminum Oxide
Bond	P
Reinforce	Three fiber net
Safety	EN12413
Max speed	80m/s
Thickness	2.8mm
Workpiece Material	Structural Steels
Feature	High stock removal/Fast cutting



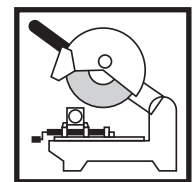
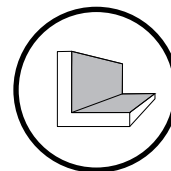
Recommendation for use:

Excellent for use on angle bar, thin rebar, light gauge metals. Also good for non-ferrous metals.

Cautions:

Don't use for heavy and big materials, for example, IPN 80X40X4. Slow cutting may burn the materials.

Thanks to improved technology of thinner and stronger reinforced fiber net, cutting is easy and efficient.



D	T	B	Designation	Part number	Quan per box	Quantity per ctn.
300	2.8	25.4	A24P	2800.300.01	25	50
350	2.8	25.4	A24P	2800.350.01	25	50
400	2.8	25.4	A24P	2800.400.01	25	50

METAL

Wide used cutting wheels for stationary machines with the power between 3kw-5kw.
Soft bond special for general purpose cool cutting on large material

Abrasives	Aluminum Oxide
Bond	N
Reinforce	Three fiber net
Safety	EN12413
Max speed	80m/s
Thickness	3.2/4.0mm
Workpiece Material	Solid steels/low grade stainless steel
Feature	High stock removal/Fast cutting



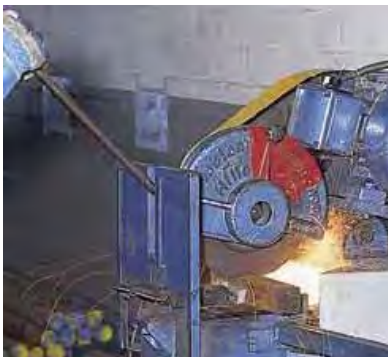
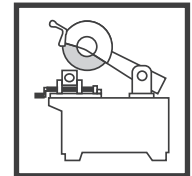
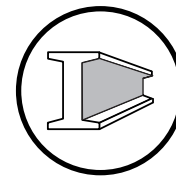
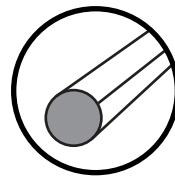
Recommendation for use:

Excellent for use on large solid or structural steels.
Good for low grade Inox as well.

Cautions:

Don't use for cutting small materials such as angle bars, durability will be reduced compared with 2800 range.

Thanks to the efforts of our research team, cutting big materials is easy.



D	T	B	Designation	Part number	Quan per box	Quantity per ctn.
300	3.2	25.4	A24N	4000.300.01	25	50
350	3.5	25.4	A24N	4000.350.01	10	50
400	4.0	25.4	A24N	4000.400.01	10	50

METAL

Heavy duty wheels manufactured for Portable Gas Saw. Strong body makes it sustain challenging jobs.

Abrasives	Aluminum Oxide
Bond	R
Reinforce	Three fiber net
Safety	EN12413
Max speed	80m/s-100m/s
Thickness	4.0/4.8mm
Workpiece Material	Alloyed steels/H.S.S./Low grade inox
Feature	General purpose/long life

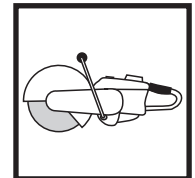
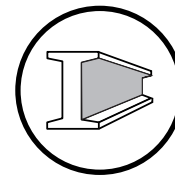
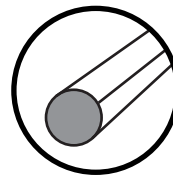


Recommendation for use:

Excellent for use on large solid or structural steels. Good for any constructional steels.

Cautions:

The 300mm are supplied in two max, operating speeds 80m/s and 100m/s. Please check the speed of your machine before working.



D	T	B	Designation	Part number	Quan per box	Quantity per ctn.
300	4.0	25.4	A24R	4800.300.01	10	50
300	4.0	25.4	A24R	4800.300.02	10	50
350	4.5	25.4	A24R	4800.350.01	10	50
350	4.5	25.4	A24R	4800.350.02	10	50
400	4.8	25.4	A24R	4800.400.01	10	50
400	4.8	25.4	A24R	4800.400.02	10	50

STONE

Heavy duty wheels manufactured for Portable Gas Saw.
Strong body makes it sustain challenging works.
Un-beatable tool for construction and rescue.

Abrasives	Aluminum Oxide/Silicon Carbide
Bond	Q
Reinforce	Three fiber net
Safety	EN12413
Max speed	80m/s-100m/s
Thickness	4.0/4.8mm
Workpiece Material	Concrete/Cast iron
Feature	Reinforced concrete

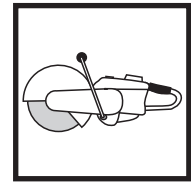
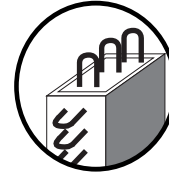


Recommendation for use:

Excellent for cutting reinforced concrete, as well as cast iron, hard metal and concrete coated steels.

Cautions:

High power Gas Saw required for 350mm and 400mm.



D	T	B	Designation	Part number	Quan per box	Quantity per ctn.
300	4.0	25.4	AC24Q	AC4800.300.01	10	50
300	4.0	25.4	AC24Q	AC4800.300.02	10	50
350	4.5	25.4	AC24Q	AC4800.350.01	10	50
350	4.5	25.4	AC24Q	AC4800.350.02	10	50
400	4.8	25.4	AC24Q	AC4800.400.01	10	50
400	4.8	25.4	AC24Q	AC4800.400.02	10	50

HOW TO CHOOSE DUPRO GRINDING WHEELS ?

The reinforced grinding wheels of both hard bond and soft bond are designed for use either on surfaces or on edges.

Choose the right wheels for different materials by color, **METAL** **INOX** **STONE**

Choose the right wheels according to your machine power, **HIGH POWER** **LOW POWER**



RECOMMENDATION OF GRINDING WHEELS

Machine	Power	Use	Steel		Inox		Stone
			Hard bond	Soft bond	Surface/Weld	Edge	
Angle Grinder	High	Surface/Weld	● ● ●	●	● ● ●	●	● ● ●
		Edge	● ● ●	●	● ● ●	●	● ● ●
	Low	Surface/Weld	●	● ● ●	●	● ● ●	● ● ●
		Edge	●	● ● ●	●	● ● ●	● ● ●

- ○ ○ **BEST PERFORMANCE**
- ○ **GOOD PERFORMANCE**
- **ACCEPTABLE PERFORMANCE**

POWER OUTPUT OF ANGLE GRINDER

Angle grinder	Machine type	100mm	115mm	125mm	180mm	230mm
High power	Air powered	-	<800w	<1000w	<1900w	<2200w
	Electric-speed controlled	-	<1400w	<1500w	<2500w	<2800w
	Electric	<700w	<1000w	<1200w	<2200w	<2500w
Low power	Air powered	<400w	<600w	<800w	<1500w	<1800w
	Electric	<500w	<1000w	<1200w	<1800w	<2000w

METAL HARD BOND

Most popular grinding wheels for comprehensive jobs on site. Hard bonded. Use for High power angle grinder for welds, deburring and edge grinding.



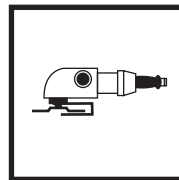
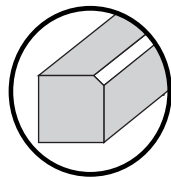
Abrasives	Aluminum Oxide
Bond	R
Reinforce	Three fiber net
Safety	EN12413
Max speed	80m/s
Thickness	6.0mm
Workpiece Material	Steels
Feature	Fast stock removal/Long service life

Recommendation for use:

Use High power machines to achieve the highest efficiency.

Cautions:

Low power machines are only good for edge grinding. Stock removal will be slow..



D	T	B	Designation	Part number	Quan per box	Quantity per ctn.
100	6.0	16.0	A24R	M6000.100.01H	25	100
115	6.0	22.2	A24R	M6000.115.01H	25	100
125	6.0	22.2	A24R	M6000.125.01H	25	100
180	6.0	22.2	A24R	M6000.180.01H	25	50
230	6.0	22.2	A24R	M6000.230.01H	25	50

METAL SOFT BOND

Most popular grinding wheels for comprehensive jobs on site.
Soft bonded for use by low power angle grinder for welds, deburring and edge grinding.



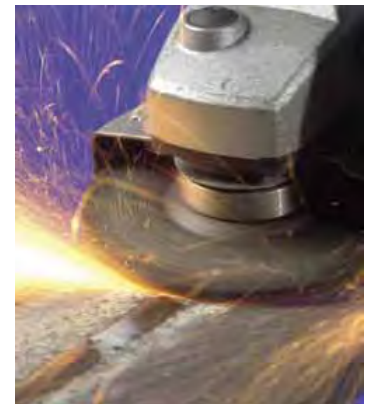
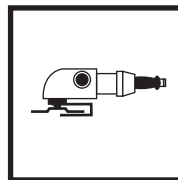
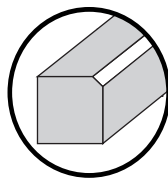
Abrasives	Aluminum Oxide
Bond	Q
Reinforce	Three fiber net
Safety	EN12413
Max speed	80m/s
Thickness	6.0mm
Workpiece Material	Steels
Feature	exceptional fast stock removal

Recommendation for use:

Use Low power machine to extend wheel life.

Cautions:

High power machine will deliver faster stock removal but will shorten the grinding life drastically.



D	T	B	Designation	Part number	Quan per box	Quantity per ctn.
100	6.0	16.0	A30Q	M6000.100.01L	25	100
115	6.0	22.2	A30Q	M6000.115.01L	25	100
125	6.0	22.2	A30Q	M6000.125.01L	25	100
180	6.0	22.2	A30Q	M6000.180.01L	25	50
230	6.0	22.2	A30Q	M6000.230.01L	25	50

INOX HARD BOND

Specifically developed for stainless steel with a selection of high quality abrasives combined.
Hard bonded for use on a High power angle grinder for welds, deburring and edge grinding.

Abrasives	Aluminum Oxide/Zirconium
Bond	O
Reinforce	Three fiber net
Safety	EN12413
Max speed	80m/s
Thickness	6.0mm
Workpiece Material	Stainless steels
Feature	exceptional fast stock removal

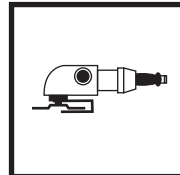
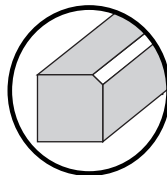


Recommendation for use:

Use High power machines to achieve maximum efficiency.

Cautions:

Stock removal will be slow.



D	T	B	Designation	Part number	Quan per box	Quantity per ctn.
100	6.0	16.0	ZA30O	I6000.100.01H	25	100
115	6.0	22.2	ZA30O	I6000.115.01H	25	100
125	6.0	22.2	ZA30O	I6000.125.01H	25	100
180	6.0	22.2	ZA30O	I6000.180.01H	25	50
230	6.0	22.2	ZA30O	I6000.230.01H	25	50



INOX SOFT BOND

Specifically developed for stainless steel with a selection of high quality abrasives combined. Soft bonded for use on Low power angle grinders for surface grinding and general purpose.

Abrasives	Aluminum Oxide/Zirconium
Bond	N
Reinforce	Three fiber net
Safety	EN12413
Max speed	80m/s
Thickness	6.0mm
Workpiece Material	Stainless steels
Feature	Fast stock removal/Long service life

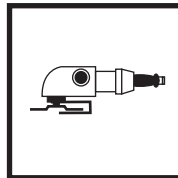
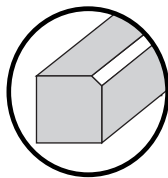


Recommendation for use:

Use Low power machine to extend wheel life.

Cautions:

High power machine will deliver faster stock removal but will shorten the grinding life drastically.



D	T	B	Designation	Part number	Quan per box	Quantity per ctn.
100	6.0	16.0	ZA30N	16000.100.01L	25	100
115	6.0	22.2	ZA30N	16000.115.01L	25	100
125	6.0	22.2	ZA30N	16000.125.01L	25	100
180	6.0	22.2	ZA30N	16000.180.01L	25	50
230	6.0	22.2	ZA30N	16000.230.01L	25	50

STONE

Widely used grinding wheels for masonry materials, Aluminum and Cast iron.
Medium bonded for surface grinding and general purpose use.

Abrasives	Silicon Carbide
Bond	R
Reinforce	Three fiber net
Safety	EN12413
Max speed	80m/s
Thickness	6.0mm
Workpiece Material	Steels
Feature	Fast stock removal/General purpose

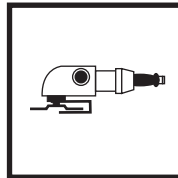
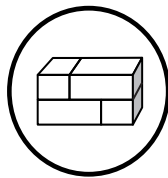


Recommendation for use:

Best performance for natural and artificial stones, concrete.
Good for Aluminum and Cast iron as well.

Cautions:

Do not use on ferrous metals.



D	T	B	Designation	Part number	Quan per box	Quantity per ctn.
100	6.0	16.0	C24R	C6000.100.01	25	100
115	6.0	22.2	C24R	C6000.115.01	25	100
125	6.0	22.2	C24R	C6000.125.01	25	100
180	6.0	22.2	C24R	C6000.180.01	25	50
230	6.0	22.2	C24R	C6000.230.01	25	50



Q U A L I T Y A B R A S I V E S

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