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# **YAKEXI ABRASIVES CO.,LTD.**



**WINONE® | South lake®**

HIGH QUALITY TO MAKE YOUR WORK EASIER





# COMPANY PROFILE



**Zhejiang Yakexi Abrasives Co.,LTD.**(Yongkang Nanhu Abrasive Wheel Factory) set up in 1990, has imported advanced foreign Equipment and technology, specialized in the production of reinforced fiber resin-bonded cut off wheels and depressed center grinding wheels.

The products are widely used in the manufacture of automobile, shipbuilding, machine building, oil, chemical industry and construction. They are the grinding and cutting tools with the highest efficiency for metal and nonmetal materials.

Our factory has abundant technical force, rich production experience and production experience and complete quality assurance system. We also own the most advanced up-to-date production equipment and detecting instrument.

The products are made strictly according to state standard and measure up EN12413, and all kinds of performance indexes have reached the advanced level of the same product at home and abroad. The products have been exported to more than twenty countries and regions and have received the customers' favorable comment.

We are warmly expecting all of you both at home and abroad to cooperate with us and create a bright future together.

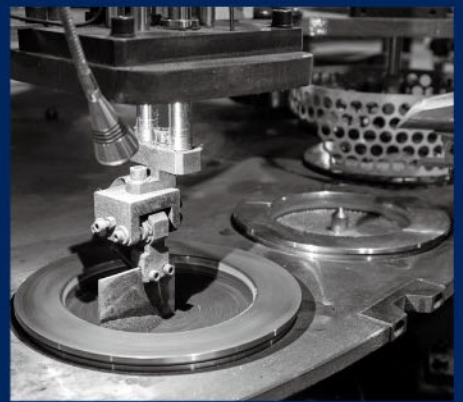


**Reliable Quality worth long-term cooperation**





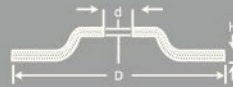
Constant Temperature And Humidity Workshop  
Automatic Molding Equipment  
Computer Controlled Tunnel Kiln



# CERTIFICATE CERTIFICATION





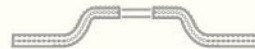


Tools steels, heat-treated steels, grey cast iron, malleable cast iron, cast steel, ductile graphite iron, manganese cast iron Grining of sprues, hard welds, build-up welds, cleaning of castings.



Black

Brown



Two-net inside & half-net outside reinforced



Gray iron

Stainless Steel

Glasses

### SPECIFICATION

INCHES	4x1/8x5/8	4x1/4x5/8	4 1/2x1/4x7/8	5x1/4x7/8	6x1/4x7/8	7x1/4x7/8	9/4x7/8
MM	100x2.8x16	100x6x16	115x6x22.23	125x6x22.23	150x6x22.23	180x6x22.23	230x6x22.23
MAX.SPEED 4300m/min	13700R.P.M	13700R.P.M	11900R.P.M	11000R.P.M	9100R.P.M	7600R.P.M	5900R.P.M
OUTER PACKING kg/pcs/ctn	16/300/1	22/200/1	31/200/1	17/100/1	26/100/1	19/50/1	31/50/1
MEAS.(CM) l x w x h	55x27x12.5	44x23x18	50x26x18	28x28x18	33x33x18	39x20x18	49x25x18

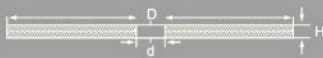


# CUTTING WHEELS



South lake®

TYPE41



MACHINE



Cutting high strength metal, mild steels, tool steels, construction steels, spring steels, cast steel, Cutting full materials, thick-walled tubes, profiles and steel sheets.

DOUBLE-LAYER FIBER



Depressed center

SINGLE-LAYER FIBER



## SPECIFICATION

INCHES	4x3/32x5/8	5x1/8x7/8	6x1/8x7/8	7x1/8x7/8
MM	100x2.5x16	125x3x22.23	150x3x22.23	180x3x22.23
MAX. SPEED 4300m/min	13700 R.P.M	1100R.P.M	9100R.P.M	7600R.P.M
OUTER PACKING kg/pcs/ctn	19/400/1	18/200/1	26/200/1	19/100/1
MEAS.(CM) l x w x h	44x23x18	28x28x20	33x33x20	39x20x20



Mild steels, tool steels, hard stainless steels, cast iron, reinforcing steel Cutting of solid materials, tubes, SML-and ductile tube and profiles and steel sheets.



DOUBLE LAYER FIBER

SINGLE LAYER FIBER



yellow

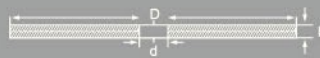
Red

Green

## SPECIFICATION

INCHES	10x5/64x1	12x3/32x1	12x1/8x1	14x3/32x1	14x1/8x1	16x3/32x1(1 1/4)	16x1/8x1(1 1/4)
MM	250x2.0x25.4	300x2.5x25.4	300x3.2x25.4	350x2.5x25.4	350x3.2x25.4	400x2.8x25.4(32)	400x3.2x25.4(32)
MAX. SPEED 4800m/min	5370 R.P.M	5100R.P.M	5100R.P.M	3900R.P.M	3900R.P.M	3800R.P.M	3800R.P.M
OUTER PACKING kg/pcs/ctn	12/60/1	13/30/1	14/25/1	17/30/1	18/25/1	22/30/1	24/25/1
MEAS.(CM) l x w x h	27x27x16	30.5x30.5x10.5	30.5x30.5x10.5	35.5x35.5x10.5	35.5x35.5x10.5	40.5x40.5x11	40.5x40.5x10.5





### DOUBLE-LAYER FIBER



Yellow



Red



Green



Black



Brown



Plastic Barrels Package



Color Box



### SINGLE-LAYER FIBER



Black



Green



Red



Cutting for stainless steel, precious metals, alloy steel, spring steel Ultra-durable(long lifetime), anti-decay.

The workpiece are precise, clean and burr-free after cutting.

### SPECIFICATION

INCHES	4x1/25x5/8 Single Layer Fiber	4x1/25x5/8 Double Layer Fiber	4x1/25x5/8 Plastic Barrels Package	5x1/25x7/8 Double Layer Fiber
MM	107x1.0x16	107x1.2x16	107x1.2x16	125x1.2x22.23
MAX.SPEED 4300m/min	13700R.P.M	15200R.P.M	15200R.P.M	11000R.P.M
OUTER PACKING kg/pcs/ctn	20/800/1	20/800/1	20/800/1	18/400/1
MEAS.(CM) l x w x h	37x24x24	37x24x24	49x25x21	26x26x20

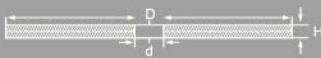


# SUPER THIN CUTTING WHEELS



South lake®

TYPE41



MACHINE



Both the sharpness and the durability of our new precious super thin cutting disc style has been increased more than 50%. This new precious style is our most competitive product in our all super thin cutting disc products.



Size: 107x0.8x16



## FLAP DISC



T27

FLAT



T29

CAMBER



PLASTIC SUPPORT



## SPECIFICATION

Specification	100x16	115x22	125x22	150x22	180x22
Grain Size	36 / 40 / 60 / 80 / 100 / 120				
Abrasive Kind	A/Z				
MAX.SPEED	80m/s	80m/s	80m/s	80m/s	80m/s
OUTER PACKING kg/pcs/ctn	11/200/1	9/100/1	10/100/1	16/100/1	23/100/1
MEAS.(CM)	54x22x21.5	61x25x12	66x27x12	79x32x13	37x20x57

# SAFETY INSTRUCTION

The cutting machine should run 1-2 minutes before it starts cutting or grinding after the wheel is fixed.  
The operator should wear goggles, dust masks, gloves and other safety articles before operating.

The operation speed should not exceed the max speed showed in the trademark. While using pneumatic grinder, especially while multiple machines using same gas source, workers must take good control of the air pressure to make sure the operating speed will not exceed the max speed to cause the grinding wheel break and hurt people.

Workers should slowly increase the force while using, otherwise the wheels will stop working and stuck and break up. If it is stuck, workers should lift the abrasive wheel immediately to avoid grinder burned or grinding wheel broken.

Workpiece must be fixed well while cutting and grinding. No one is allowed to stand in front of the machine and it is not allowed to cut multiple workpieces stacked together to avoid abrasive wheels stuck and broken and accident happen.

Do not use the side of the cutting wheel to grinding. While cutting, do not put extra pressure on the side of the abrasive wheel.



WEAR SAFETY GOGGLES  
OR GLASSES TO PROTECT  
THE EYES



USE EAR MUFFS OR  
EQUIVALENT



READ THE  
INSTRUCTIONS



WEAR THE DUST MASK



WEAR THE GLOVES



DO NOT OVER SPEED

## ZHEJIANG YAKEXI ABRASIVES CO.,LTD.

ADD

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