



**OM BONDED
 SPRING
 GRINDING**

Anchor new OM bonded spring grinding wheel is specifically designed for spring grinding, we offer the best C/P ratio for customers.

■ Double Disc Grinding

The double disc grinding for manufacture springs are rough and fine processing in simultaneously. As the diagram shows below, the spring carrier rotates in opposite direction to the way of grinding wheels to reach the requirement of rough and fine grinding.

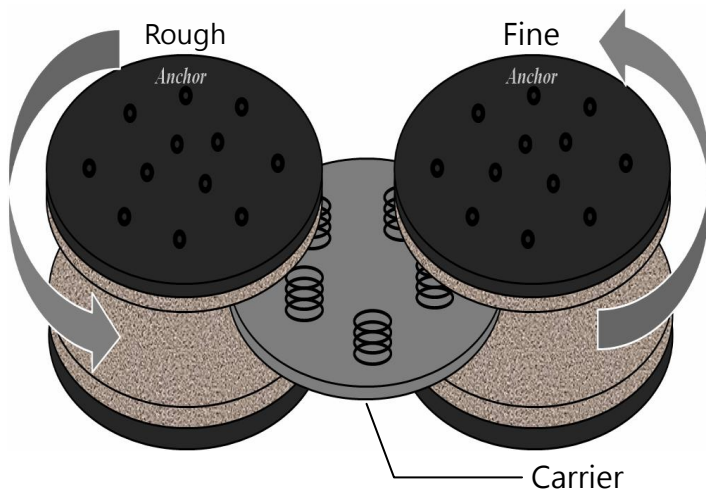


Figure of spring double disc grinding



■ Features of the wheels :

1. Suitable for dry grinding
2. Good heat dissipation
3. Enhance productivity
4. Size customized

SPECIFICATION

Abrasive :

Material	適用磨料
Spring steel	WA、64A
Stainless steel	WA、64A
Titanium alloy	GC、C

Grit size : depend on the wire diameter.

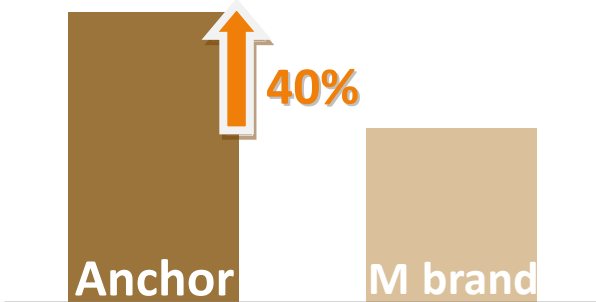
Wire diameter	< 1 mm	1 – 3 mm	3 – 5 mm	> 5 mm
Grit size	#30 - #80	#24 - #36	#20 - #24	#16 - #20

■ More specification and size is customized.

CASE STUDY

C/P ratio
comparison

■ Anchor ■ M Brand



Test result:

Anchor OM bonded spring grinding wheel is **40%** higher in C/P ratio than the present using M brand wheel. Anchor offer the lowest grinding cost and highest productivity for customer.

Work piece	
Work name	Spring
Wire diameter	1mm – 6mm
Material	SWOSC-VHV - C-0.63-0.68%, Si-1.2-1.6%, Mn-0.5-0.8%, P+-0.25%, S+-0.25%, Cr-0.5-0.8%, V 0.1-0.2%
Grinding method	Vertical dry grinding
Speed of wheel	28m / seconds
Stock removal	3-5mm / 6 minutes
Wheel Specification	
Specification	WA20MN1SOM-DISCS
Size	610 mm X 95 mm X 0 mm

COMPANY INFORMATION

CARBO TZUJAN INDUSTRIAL CO., LTD.

- For details, please contact the following agency.

Anchor[®]

INFORMATION:

- TEL : +886-2-2679-3461
- FAX : +886-2-2679-4561
- Head Office: 239 No.1 Fu An St. Ying Ko District, New Taipei City, Taiwan.

CONTACT US:

- Online service : www.carbo.com.tw
- E-mail : webmaster@carbo.com.tw

- While using grinding wheels, it is essential that you observe correct procedures to protect yourself.