



Special two layers design

To satisfied the right-angle retention requirements of work.

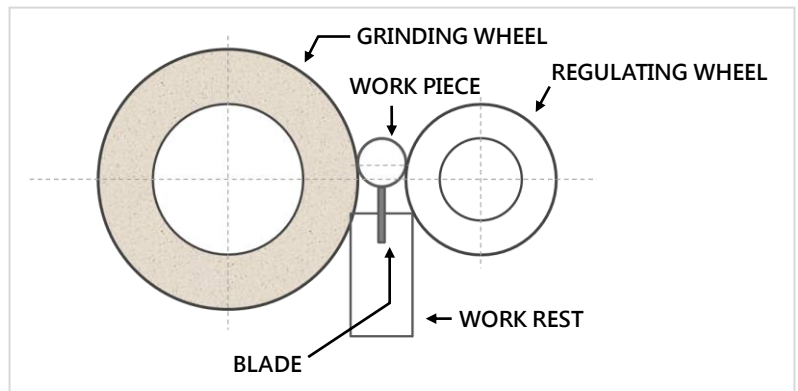
**VITRIFIED
 CENTERLESS
 GRINDING WHEELS**

Anchor Centerless Wheels are available in a range of specifications for high metal removal rates and optimum wheel life.

■ CENTERLESS GRINDING

CENTERLESS GRINDING METHOD

Centerless grinding differs from cylindrical grinding operations in that no spindle or fixture is used to locate and secure the work piece; the work piece is secured between a centerless grinding wheel and a regulating wheel.



REGULATING WHEELS and MACHINE TYPE

Regulating wheels are always made by resin bond, the main function include:

- A. Control the feed rate and speed of work piece.
- B. Secure the work piece.
- C. Control the diameter of work piece.

Wheel and Regulating wheel size comparative table / Unit : mm

Grinding Wheel Size			Regulating Wheel Size		
Diameter	Thickness		Diameter	Thickness	
305	100	150 205	205	100	150 205
355	150	205	205	150	205
405	150	205	255	150	205
455	150	205 255 305	255	150	205 255 305
510	150	205 255 305	305	150	205 255 305
610	205	255 305	305	205	255 305

SPICIFICATION

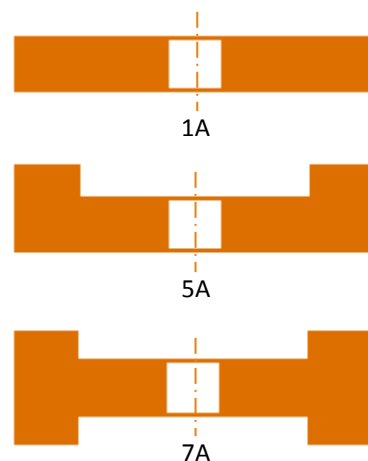
■ Standard size of centerless grinding wheel (unit : mm)

D	T					H
	100	150	205	255	305	
305	●	●	●			120 127
355		●	●			127
405			●			203.2
455			●	●	●	228.6
510			●	●	●	254 304.8
610			●	●	●	304.8

■ Standard size of regulating wheel (unit : mm)

D	T					H
	100	150	205	255	305	
205	●	●	●			90
255		●	●	●	●	111.2
305		●	●	●	●	127

■ The figure below shows the standard shape and face 1A, 5A and 7A of centerless wheel.



■ Standard specification of centerless and regulating wheel

Material	Application	Specification
S09CK、S45C、SK1~7 SMn、SCr、SCM、SNCM SKS、SKD、SKT SUH 1、3、4 SKH SUJ2、SUJ3 Iron	Without special treatment softer hardness	38A WA 64A
	Heat treated with harder hardness or higher retention requirements	50A 25A FKA 32A
SUS 300 400 FC FCMW、FCMB、FCMP Chrome plated Copper, aluminum, plastic, rubber and so on	Non-ferrous material	GC

■ Special two layers design of hardness for 305mm and 455mm 38A, 50A specification.

■ For any further inquiry, please contact us via the company information below.

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.