

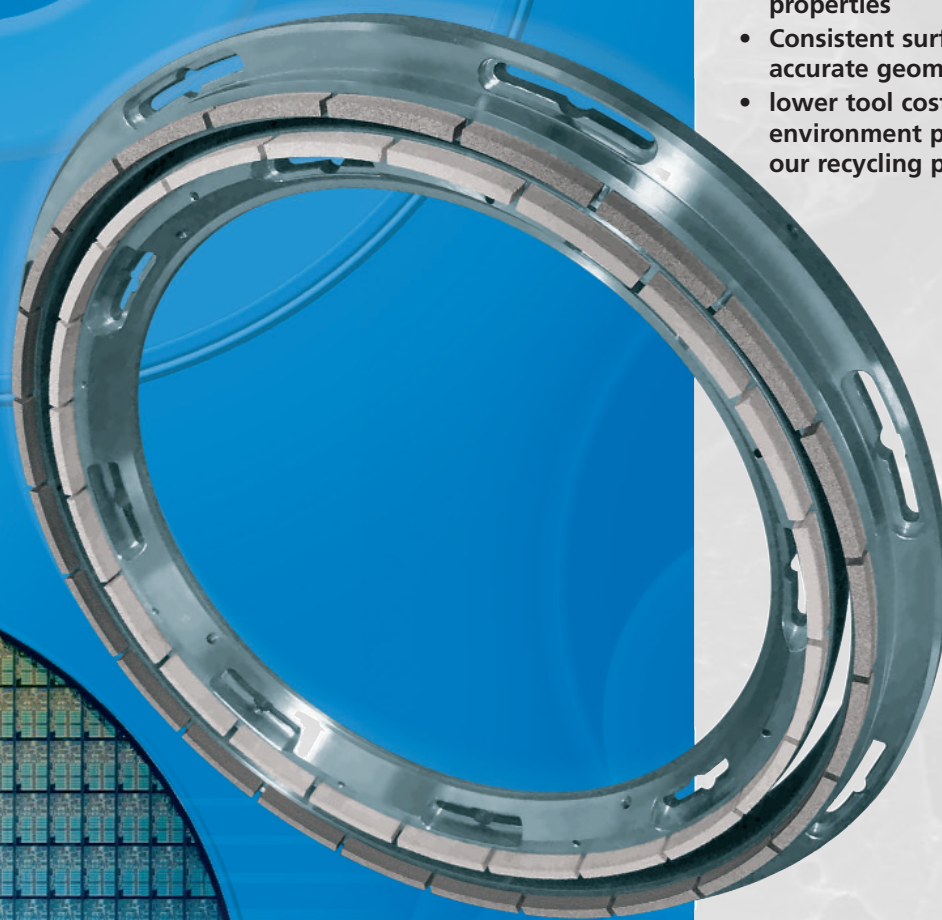


Meister Abrasives
International

Make A Quality Decision

Leading diamond super abrasives technology.

- Longer wheel life due to new vitrified bonding technology for ultra fine Mesh sizes
- Fewer wheel changes and longer machine uptime
- Reduced grinding time and increased production capacity without additional capital investments
- Application specific engineered abrasive layer
- Self sharpening and free cutting properties
- Consistent surface finish and accurate geometry
- lower tool cost and more environment protection with our recycling program



**Opening new horizons for the Semiconductor Industry
with SWISS MASTER VIT DIA super abrasive products.**

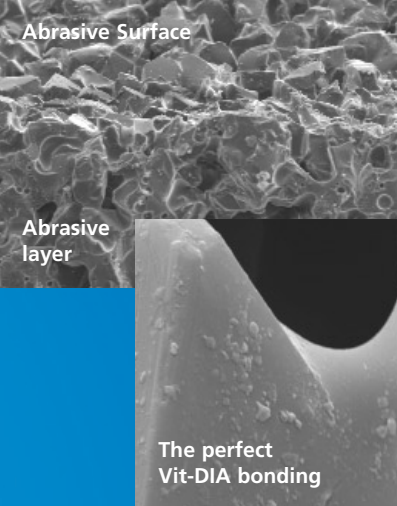


Meister Abrasives
International

Make A Quality Decision

abrasives

International



The finest technology from the leader of vitrified super abrasives.

Vitrified bonding technology is recognised as the future of production grinding. Superior free cutting capabilities are now combined with self sharpening properties and high wear resistance.

This new VIT DIA bonding technology is now also available for Diamond Grit sizes down to 8500 US Mesh, applicable for fine grinding processes in the Semiconductor industry. Higher wafer through put per wheel and drastically reduced lapping and polishing requirements are the results of this new technology.

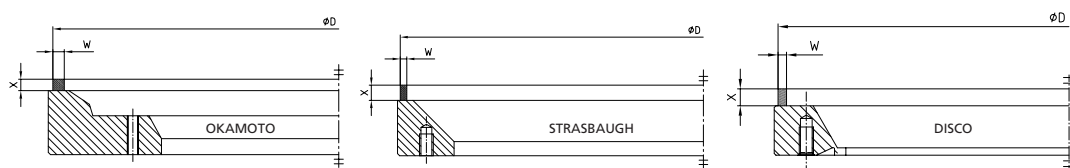
How to specify your backgrinding wheel:

Our high precision grinding wheels are developed to provide highest quality, consistency and highest performance possible for the production of semiconductor products.

Wafer grinding results are highly dependent on the combination of the rough grinding and fine grinding wheel. We are specialised in manufacturing specific solutions for the grinding of Si, SiC, Sapphire, GaAs, GaN, Alumina and a wide range of other substrates ground on all the leading backgrinding machine makes.

	Grit size of grinding wheel [US Mesh]	Abrasive D [mm] layer size ϕ D [mm]	Segment height X [mm]	Segment width W [mm]	Machine Type
Rough grinding	325 / 600 / 850	204	5 - 9	3 - 5	Disco, G&N Okamoto Strasbaugh Supfina Accretech
Fine grinding	1000 / 1450 / 2200/ 2800	250 300 350			
Super fine grinding	5000 / 8500	others...			

Kindly contact your Meister representative with your specific needs.



Recycling program

With our wheel base recycling program we help to keep your tooling cost down and take an active role in the protection of our environment.

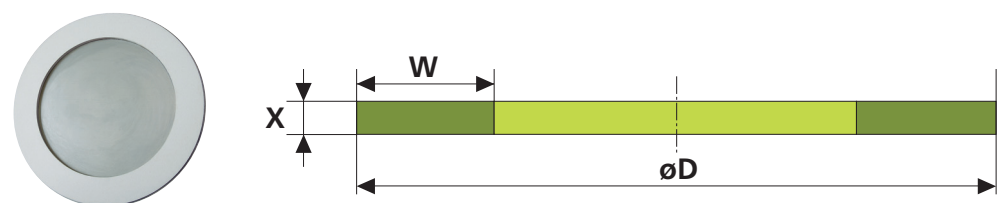
Dressing & Conditioning Tools

The preparation of grinding wheels to ensure optimum cutting efficiency is important to the success of the process. Dressing and truing of vitrified products can be performed in one operation.

As a systems supplier Meister Abrasives offers suitable dressing and conditioning tools for your grinding wheels.

	For grit sizes	ϕ D[mm]	X[mm]	W[mm]
A4-Type	325, 600, 850	50.8, 76.2	5/ 10	10/ 15/ 20
A6-Type	1000, 1450	100	5/ 10	10/ 15/ 20
A8-Type	2200, 2800	150	5/ 10	15/ 20/ 50
A12-Type	5000, 8500	200, 300	10/ 15	15/ 20/ 50

other dressing Types/ Dimensions or dressing systems on request



Sales and Services:

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ISO 9001 : 2000
ISO 14001 : 2004
OHSAS 18001 : 1999