

HPG - Reihe

HIGH PERFORMANCE GRINDING

Grinding wheels are specified according to the grinding process required. For hard and difficult to machine materials, Superabrasive wheels using Diamond or Cubic Boron Nitride can be used, very often seen in large scale production environments.

Conventional abrasive tools contain aluminium oxide or silicon carbide. These abrasives are comparatively cheaper, but also less robust when dealing with hard, high-alloy steels or wear protection coatings.

High Performance Grinding wheels (HPG) wheels, combine the low price of conventional abrasive with the performance of Superabrasive.

Tried-and-tested aluminium oxide grains with a specially developed bond and the addition of a Superabrasive grain, gives a significant performance enhancement.

Dressing with standing dressers is possible, however, rotating dressing tools are recommended.

These grinding wheels consist of an outer and inner zone, offering the performance at a lower cost as only conventional abrasive is used for the inner zone.

Detail	Outside-Ø D (mm)	Inner Zone-Ø K (mm)	Bore-Ø H (mm)
	300	230	38 - 56
	300	150	76 / 76,2
	300	170	127
	350	180	127
	400	250	127
	450	250	127
	450	280	203,2
	500	330	127
	500	300	203,2
	500	400	304,8 / 305
	600	400	203,2
	600	450	203,2
	600	400	304,8 / 305
	610	455	203,2
	610	455	304,8 / 305
	750	450	304,8 / 305
	750	500	304,8 / 305
900	500	304,8 / 305	

Other dimensions available on request!

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