MOST CERAMIC ABRASIVE DISCS

most CERAMIC

IRREPLACEABLE IN HEAVY BATTLE

- Innovative discs for cutting and grinding of carbon steel, stainless steel, alloys and poor machinable materials.
- Ceramic abrasive grains provide very high grinding aggressiveness and significantly shorten surface treatment time.
- Does not overheat the processed material.
- Does not require much pressure thus ensures a high level of grinding comfort and reduces operator's fatigue.
- Significantly longer service life in case of processing poor machinable materials compared to conventional abrasive discs.
- Ultra thin discs recommended for cutting alloy steel, difficult-to-cut materials, solids, profiles and thick-walled elements.
- Not containing iron-sulfur compounds (Fe + S + CL < 0,1%).

POWER SPEED STRENGTH

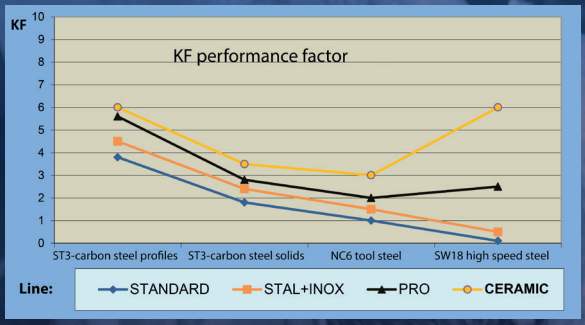
MOST CERAMIC ABRASIVE DISCS

CERAMIC series abrasive discs.
Dimensions and catalogue numbers table.

No.	Dimensions diameter x thickness x hole [mm]	Rotational speed [rot./min]	Package [pcs.]	Cat. number	Type
Ultra-thin discs for carbon and stainless steel cutting - shape 41 MOST CERAMIC METAL + INOX					
1	125 x 1,0 x 22	12 250	50	94 14 412 510	41
2	125 x 1,6 x 22	12 250	25	94 14 412 516	
3	150 x 1,6 x 22	10 200	25	94 14 415 016	
4	180 x 1,6 x 22	8 500	25	94 14 418 016	
5	230 x 1,9 x 22	6650	25	94 14 423 019	
Ultra-thin discs for carbon and stainless steel cutting - shape 27 MOST CERAMIC METAL + INOX					
1	115 x 7,0 x 22	13 300	10	94 21 511 500	27
2	125 x 7,0 x 22	12 250	10	94 21 512 500	
3	150 x 7,0 x 22	10 200	10	94 21 515 000	
4	180 x 7,0 x 22	8 500	10	94 21 518 000	
5	230 x 7,0 x 22	6 650	10	94 21 523 000	

The latest MOST CERAMIC abrasive discs line is an example of specialized tools based on ceramic grain manufactured with innovative sol-gel technology. When compared to conventional abrasive grains our product represents a high rate of self-sharpening resulting in stability and high level of abrasive discs aggressiveness. The advantages of ceramic grains are clearly visible when processing poor machinable materials e.g. special steels (Hardox, Duplex, etc.), tooling, tempered and hardened steels. Also suitable for machining carbon steel, low-alloy steel, high-alloy steel, stainless steel and heat-resistant steels. Working with ceramic grain abrasives makes cutting much faster and a lot easier (especially on materials difficult to process) as the processed material does not overheat (so-called cold cutting). The final results are: grinding time reduction, much higher operator comfort and significant increase in blade life compared to discs made of standard, corundum abrasive grains. The new MOST CERAMIC discs are great tools to choose from for companies that care for fast grinding, reduction in employment costs and increase of productivity and production efficiency.

The graph presents cutting performance per steel type and abrasive tool series.
As the hardness of steel raises, the performance* of abrasives from STANDARD, STEEL + INOX and PRO series decreases. With very hard and hard-wearing steels the CERAMIC abrasive discs work very well and allow for effective operation where other discs can not handle.



* KF performance factor - the ratio of the cut material area to the loss in surface of abrasive disc

Your MOST products provider:

www.rywal.eu

ISO 9001
ISO 14001
AC 014
QMS, EMS

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