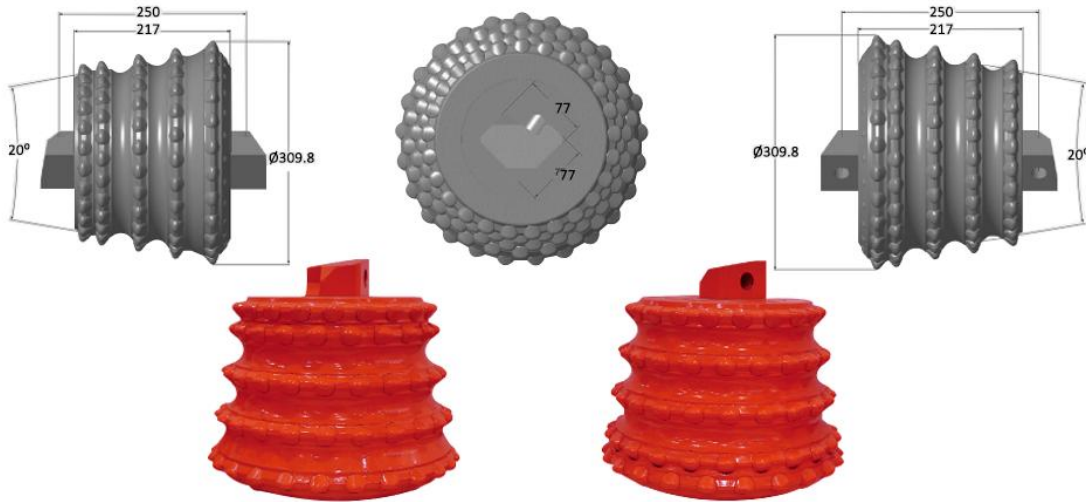


Raise Boring Roller Cutter

MDV512 & MDV522



No.	Model No.	Model Description	Tooth Row Quantity	Taper	Features
1	MDV512 MDV522	A. MD : Maxdrill B. V : Raise Boring Roller Cutter C. 5 : 5 teeth row D. 12 : cutter shape (low end double row teeth) E. 22 : cutter shape (high end double row teeth)	5	20°	<ul style="list-style-type: none"> ● High quality metal sealing ● Using high quality tungsten carbide teeth,so as to achieve the full coverage of crushing ● Chisel on main alloy teeth,Ovoid on lug,matching use on cutters ● Can be repairable and customized
No.	Used Parameters		MDV512	MDV522	
1	Suitable Rock Hardness		Platts Hardness 11≤f≤15	Platts Hardness 11≤f≤15	
2	Recommended single cutter drilling pressure		100KN-200KN	100KN-200KN	
3	Max withstand drilling pressure		245KN	245KN	
4	Recommended cutter head rotating speed		3 - 15 RPM	3 - 15 RPM	
5	Max line speed		90M/min	90M/min	

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Raise Boring Roller Cutter

MDV612 & MDV622



No.	Model No.	Model Description	Tooth Row Quantity	Taper	Features
1	MDV612 MDV622	F. MD : Maxdrill G. V : Raise Boring Roller Cutter H. 6 : 6 teeth row I. 12 : cutter shape (low end double row teeth) J. 22 : cutter shape (high end double row teeth)	6	20°	<ul style="list-style-type: none"> ● High quality metal sealing ● Using high quality tungsten carbide teeth,so as to achieve the full coverage of crushing ● Chisel on main alloy teeth,Ovoid on lug,matching use on cutters ● Can be repairable and customized
No.	Used Parameters		MDV612	MDV622	
1	Suitable Rock Hardness		Platts Hardness f≤12	Platts Hardness f≤12	
2	Recommended single cutter drilling pressure		100KN-170KN	100KN-170KN	
3	Max withstand drilling pressure		196KN	196KN	
4	Recommended cutter head rotating speed		3 - 15 RPM	3 - 15 RPM	
5	Max line speed		90M/min	90M/min	

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