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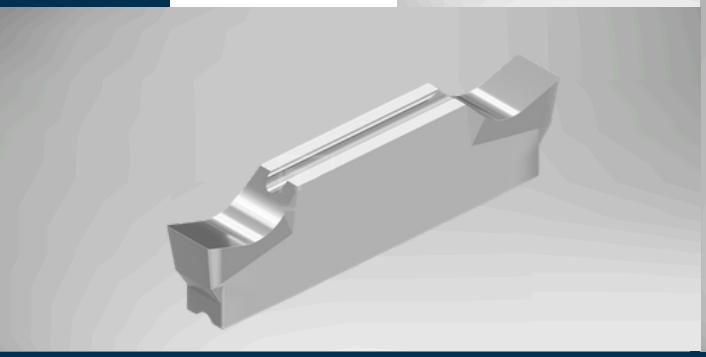

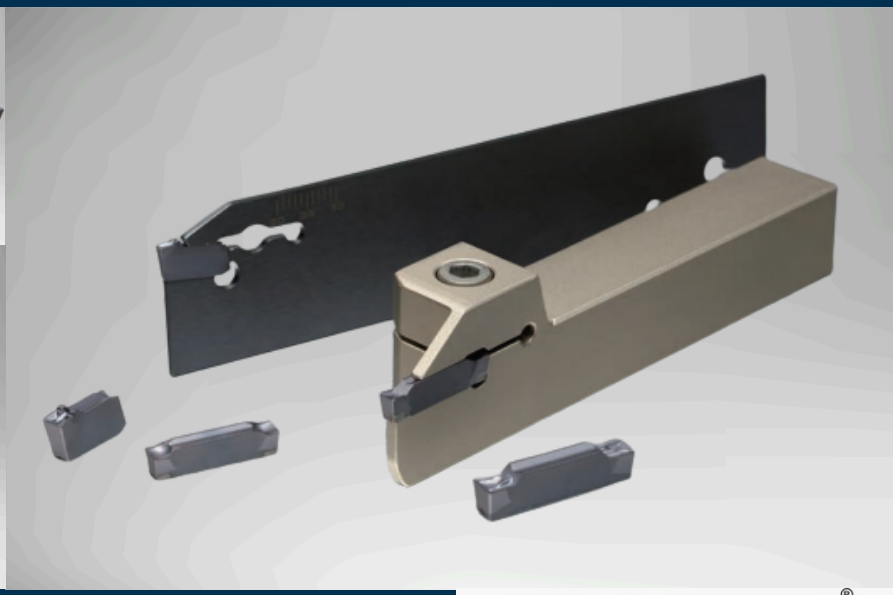

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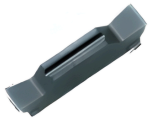
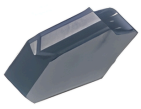
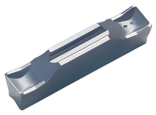
Edgetec Parting and Grooving Inserts

Processing	Tolerance	Chipbreaker	Insert shape	Features
Parting and grooving	M	G		• Special chipbreaker for parting and grooving, stable control of chip flow.
Parting and grooving	M	M		• Meet the needs of various machining operations such as parting, grooving, and turning, with highstrength and sharpness.
Grooving and plunge turning	M	T		• The special design of the flank surface of cutting tool structure reduces cutting resistance and chip vibration, resulting in excellent surface quality after machining. • Special cutting edge design, effectively ensure the chip breaking effect, can realize horizontal turning.
Parting and grooving	M	No Code		• Large rake angle design, light and fast chip removal, small vibration, especially suitable for cutting conditions with low cutting speed and insufficient rigidity.
Parting and grooving	M	/		• Single-headed parting&grooving inserts with high edge strength, suitable for cutting and deep groove processing of steel and stainless steel materials.
Parting and grooving	M	/		• Parting and grooving universal inserts can realize external round parting and grooving, end face grooving, internal hole grooving and other processing.

» Stable tool life

- Optimal for grooving and parting with the application of its exclusive substrate for steel cutting and the after treatment of lubrication

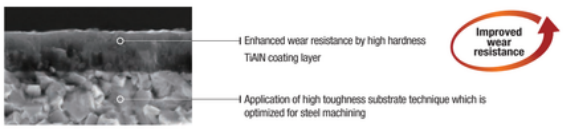
» High productivity in high speed and high feed cutting

- Enhanced productivity by good wear resistance coating layer

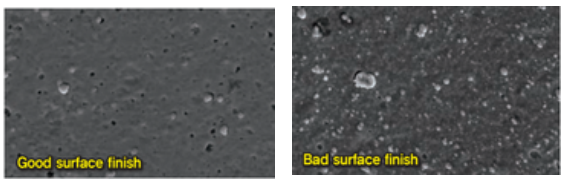
Features

- Suitable substrate forsteel grooving and parting and good wear resistance coating war
- Application of coating surface treatment improving welding resistance and chipping resistance

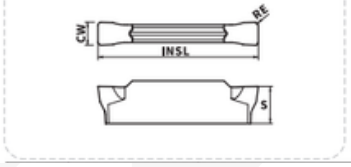
Substrate for steel grooving and parting and PVD coating technology



Coating surface treatment technology



Parting and grooving insert



Working condition: ● Stable ◕ Average ⌗ Tough

Workpiece material									
P	Steel	◕ ⌗	●	◕ ⌗					
M	Stainless steel					◕ ⌗	◕ ⌗		
K	Cast iron				● ◕				
N	Non-ferrous metal								
S	Heat resistant super alloys Titanium alloy								

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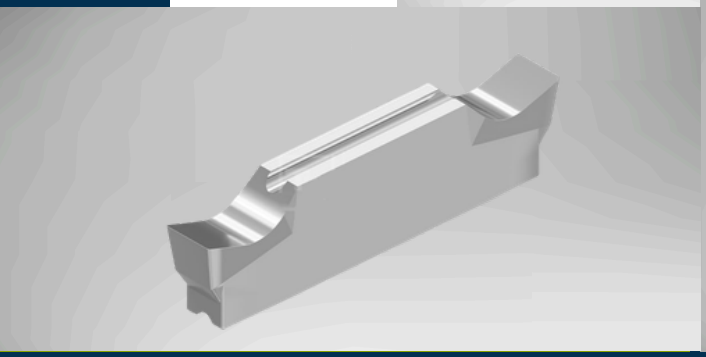

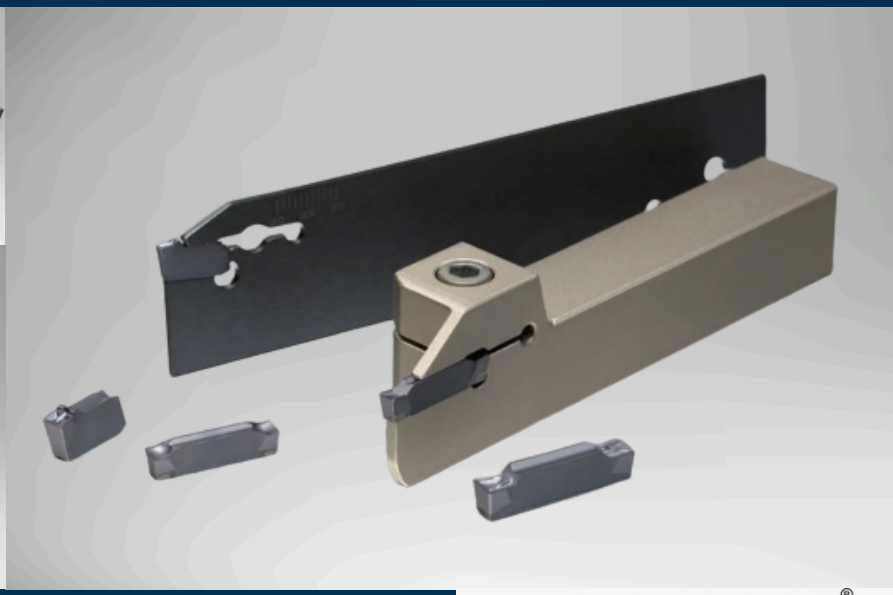

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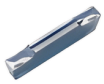
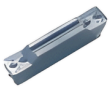
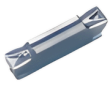
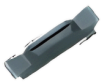
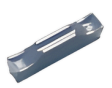
Edgetec Parting and Grooving Inserts

Processing	Insert shape	Type	Dimension (mm)				CVD				PVD			
			INSL	CW	S	RE	HS8225	HS8123	HS8133	HS6115	HS7125	HS7225	HS5125	HS5225
Parting and grooving		MGMN150-G	16	1.5	4	0.15	★	☆	★	★	★	★		
		MGMN200-G	16	2	4	0.2	★	☆	★	★	★	★		
		MGMN250-G	18.5	2.5	4.5	0.2	★	☆	★	★	★	★		
		MGMN300-G	21	3	5.6	0.3	★	☆	★	★	★	★		
Parting and grooving		MGMN200-M	16	2	4	0.2	★	☆	★	★	★	★		
		MGMN250-M	18.5	2.5	4.5	0.2	★	☆	★	★	★	★		
		MGMN300-M	21	3	5.6	0.4	★	☆	★	★	★	★		
		MGMN400-M	21	4	5.8	0.4	★	☆	★	★	★	★		
		MGMN500-M	26	5	5.8	0.8	★	☆	★	★	★	★		
		MGMN600-M	26	6	5.9	0.8	★	☆	★	★	★	★		
Grooving and plunge turning		MGMN200-T	16	2	3.55	0.2	★	☆	★	★	★	★		
		MGMN250-T	18.5	2.5	4.5	0.2	★	☆	★	★	★	★		
		MGMN300-T	21	3	4.86	0.4	★	☆	★	★	★	★		
		MGMN350-T	21	3.5	4.86	0.4	★	☆	★	★	★	★		
		MGMN400-T	21	4	4.86	0.4	★	☆	★	★	★	★		
		MGMN500-T	26	5	5.8	0.8	★	☆	★	★	★	★		
Parting and grooving		MGMN200	16	2	3.55	0.2					★	★		
		MGMN300	21	3	4.86	0.4					★	★		
		MGMN400	21	4	4.86	0.4					★	★		
		MGMN500	26	5	5.8	0.8					★	★		
Profiling		MRMN200-M	16	2	3.5	1	★	☆	★	★	★	★		
		MRMN250-M	18.5	2.5	3.9	1.25	★	☆	★	★	★	★		
		MRMN300-M	21	3	4.8	1.5	★	☆	★	★	★	★		
		MRMN400-M	21	4	4.8	2	★	☆	★	★	★	★		
		MRMN500-M	26	5	5.8	2.5	★	☆	★	★	★	★		
		MRMN600-M	26	6	5.9	2.5	★	☆	★	★	★	★		
Parting		SP200	9.3	2		0.2		☆	★		☆	★		
		SP300	11.3	3		0.2		☆	★		☆	★		
		SP400	11.3	4		0.25		☆	★		☆	★		
		SP600	11.4	6		0.35		☆	★		☆	★		
Parting and grooving		TDC2	20	2	3.9	0.2			★			★		
		TDC3	20	3	4.2	0.2			★			★		
		TDC4	20	4	4.2	0.3			★			★		
		TDC5	25	5	5	0.3			★			★		

★ Recommended grade ☆ Available grade

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