

<80 Grad rhombische negative Platten>

Bezeichnung	IC	Dicke
CN_1204	12.7	4.76

Form	ISO-Bezeichnung	Inch-Bezeichnung	R	Hartmetall									Spankontrolle	Werkzeughalter Siehe Seite:			
				PVD-Beschichtet						CVD-Besch.							
				ST4	ZM3	QM3	VM1	TM4	DT4	DM4	CP1	CP7			KM1		
				Kohlenstoff/Leg.Stahl	●	●	●	●	●	●	●	●	●	●	●	●	<ul style="list-style-type: none"> ● : Empfehlung ● : Alternative
				Edelstahl/Stahlguss	●	●	●	●	●	●	●	●	●	●	●		
				Grau / Sphäroguss	●	●	●	●	●	●	●	●	●	●	●		
				Aluminium/NE-Metall	●	●	●	●	●	●	●	●	●	●	●		
				Nickel-Basis Leg.	●	●	●	●	●	●	●	●	●	●	●		
				Gehärtete Materialien	●	●	●	●	●	●	●	●	●	●	●		
	CNGG 120404 FNUL	CNGG431FNUL	0.4			●		●		●							<ul style="list-style-type: none"> F9 F11 G40 K34
UL	120408 FNUL	432FNUL	0.8			●		●		●							
	CNMG 120408 G	CNMG432-G	0.8									●					
G	120412 G	433-G	1.2									●					
G	120416 G	434-G	1.6									●					
	CNMG 120408 TNBZ5	432-TNB-Z5	0.8			●						●					
Z5																	
	CNGG 120404 FNZP	CNGG431-FN-ZP	0.4		●	●					●						
ZP	120408 FNZP	432-FN-ZP	0.8		●	●					●						

● : Standard-Artikel ● : Neue Artikel ■ : Auf Anfrage ★ : Festgelegte Ausführung

<55 Grad rhombische negative Platten>

Bezeichnung	IC	Dicke
DN_1504	12.7	4.76

Form	ISO-Bezeichnung	Inch-Bezeichnung	R	Hartmetall									Spankontrolle	Werkzeughalter Siehe Seite:			
				PVD-Beschichtet						CVD-Besch.							
				ST4	ZM3	QM3	VM1	TM4	DT4	DM4	CP1	CP7			KM1		
				Kohlenstoff/Leg.Stahl	●	●	●	●	●	●	●	●	●	●	●	<ul style="list-style-type: none"> ● : Empfehlung ● : Alternative 	
				Edelstahl/Stahlguss	●	●	●	●	●	●	●	●	●	●	●		
				Grau / Sphäroguss	●	●	●	●	●	●	●	●	●	●	●		
				Aluminium/NE-Metall	●	●	●	●	●	●	●	●	●	●	●		
				Nickel-Basis Leg.	●	●	●	●	●	●	●	●	●	●	●		
				Gehärtete Materialien	●	●	●	●	●	●	●	●	●	●	●		
	DNMG 150404 G	DNMG431-G	0.4									●					<ul style="list-style-type: none"> F13 F15 G41 K35
G	150408 G	432-G	0.8									●					
G	150412 G	433-G	1.2									●					
	DNMG 150404 TNG	DNMG431-TN-G	0.4			●											
G																	
	DNMG 150408 TNBZ5	DNMG432-TNB-Z5	0.8			●						●					
Z5																	
	DNGG 150404 FNZP	DNGG431-FN-ZP	0.4		●	●						●					
ZP	150408 FNZP	432-FN-ZP	0.8		●	●						●					

● : Standard-Artikel ● : Neue Artikel ■ : Auf Anfrage ★ : Festgelegte Ausführung

E

Hartmetall

Negative Platten

C

D

S

T

<90 Grad quadratische negative Platten>

Bezeichnung	IC	Dicke
SN_1204	12.7	4.76

Form	ISO-Bezeichnung	Inch-Bezeichnung	R	Hartmetall									Spankontrolle	Werkzeughalter Siehe Seite:			
				PVD-Beschichtet						CVD-Besch.							
				ST4	ZM3	QM3	VM1	TM4	DT4	DM4	CP1	CP7			KM1		
				Kohlenstoff/Leg.Stahl	●	●	●	●	●	●	●	●	●	●	●	●	●
				Edelstahl/Stahlguss	●	●	●	●	●	●	●	●	●	●	●	●	
				Grau / Sphäroguss	●	●	●	●	●	●	●	●	●	●	●	●	
				Aluminium/NE-Metall	●	●	●	●	●	●	●	●	●	●	●	●	
				Nickel-Basis Leg.	●	●	●	●	●	●	●	●	●	●	●	●	
				Gehärtete Materialien	●	●	●	●	●	●	●	●	●	●	●	●	
	SNMG 120408 G	SNMG432-G	0.8								●						
	SNMG 120412 G	SNMG433-G	1.2								●						
	SNMG 120416 G	SNMG434-G	1.6								●						
	SNMG 120408 TNBZ5	SNMG432-TNB-Z5	0.8			●						●					

● : Standard-Artikel ● : Neue Artikel ■ : Auf Anfrage ★ : Festgelegte Ausführung

<60 Grad dreieckige negative Platten>

Bezeichnung	IC	Dicke
TN_1604	9.525	4.76

Form	ISO-Bezeichnung	Inch-Bezeichnung	R	Hartmetall									Spankontrolle	Werkzeughalter Siehe Seite:		
				PVD-Beschichtet						CVD-Besch.						
				ST4	ZM3	QM3	VM1	TM4	DT4	DM4	CP1	CP7			KM1	
				Kohlenstoff/Leg.Stahl	●	●	●	●	●	●	●	●	●	●	●	●
				Edelstahl/Stahlguss	●	●	●	●	●	●	●	●	●	●	●	
				Grau / Sphäroguss	●	●	●	●	●	●	●	●	●	●	●	
				Aluminium/NE-Metall	●	●	●	●	●	●	●	●	●	●	●	
				Nickel-Basis Leg.	●	●	●	●	●	●	●	●	●	●	●	
				Gehärtete Materialien	●	●	●	●	●	●	●	●	●	●	●	
	TNMG 160408 G	TNMG332-G	0.8									●				
	160412 G	333-G	1.2									●				
	TNMG 160404 TNBZ5	331-TNB-Z5	0.4			●							●			
	160408 TNBZ5	332-TNB-Z5	0.8			●							●			
	TNGG 160402 FNZP	TNGG33Y-FN--ZP	0.2			●	●	●	●	●						
	160404 FNZP	331-FN--ZP	0.4			●	●	●	●	●						
	160408 FNZP	332-FN--ZP	0.8			●	●	●	●	●						
	TNGG 160402 F^R/_LC	TNGG33Y-F^R/_L--C	0.2		R											
	TNEG 160402 F^R/_LD1		0.2				●									
	160404 F^R/_LD1		0.4				●									
	160408 F^R/_LD1		0.8				●									
	TNGG 160401 F^R/_LDA	TNGG331CF^R/_L--DA	0.1		R	R										
	TNGG 160401 F^R/_LU2	TNGG331CF^R/_L--U2	0.1		R	R										
	160402 F^R/_LU2	33Y-F^R/_L--U2	0.2		●					●						
	160404 F^R/_LU2	331-F^R/_L--U2	0.4		●					●						
	160408 F^R/_LU2	332-F^R/_L--U2	0.8		●					●						
	TNGG 160401M FNUL	TNGG3304MFNUL	*0.08	●			●			●						
	160402M FNUL	3308MFNUL	*0.18	●			●			●						
	160404M FNUL	331MFNUL	*0.38	●			●			●						
	160408M FNUL	332MFNUL	*0.78	●			●			●						

* Wendschneidplatten mit der Radiusbezeichnung 01M; 02M oder 04M sind im Radius um 0.02mm kleiner geschliffen um bei Bedarf in der Werkstückzeichnung diese Radien auszufahren.

● : Standard-Artikel ● : Neue Artikel ■ : Auf Anfrage ★ : Festgelegte Ausführung

<35 Grad rhombische negative Platten>

Bezeichnung	IC	Dicke
VN_1604	9.525	4.76

Form	ISO-Bezeichnung	Inch-Bezeichnung	R	Hartmetall									Spankontrolle	Werkzeughalter Siehe Seite:																																																																																				
				PVD-Beschichtet						CVD-Besch.																																																																																								
				ST4	ZM3	QM3	VM1	TM4	DT4	DM4	CP1	CP7			KM1																																																																																			
<p>VN_</p>				<table border="1"> <tr> <td>Kohlenstoff/Leg.Stahl</td> <td></td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td> </tr> <tr> <td>Edelstahl/Stahlguss</td> <td></td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td> </tr> <tr> <td>Grau / Sphäroguss</td> <td></td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td> </tr> <tr> <td>Aluminium/NE-Metall</td> <td></td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td> </tr> <tr> <td>Nickel-Basis Leg.</td> <td></td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td> </tr> <tr> <td>Gehärtete Materialien</td> <td></td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td> </tr> </table>									Kohlenstoff/Leg.Stahl		●	●	●	●	●	●	●	●	●	●	●	●	Edelstahl/Stahlguss		●	●	●	●	●	●	●	●	●	●	●	●	Grau / Sphäroguss		●	●	●	●	●	●	●	●	●	●	●	●	Aluminium/NE-Metall		●	●	●	●	●	●	●	●	●	●	●	●	Nickel-Basis Leg.		●	●	●	●	●	●	●	●	●	●	●	●	Gehärtete Materialien		●	●	●	●	●	●	●	●	●	●	●	●	<p>● : Empfehlung ● : Alternative</p>	
Kohlenstoff/Leg.Stahl		●	●	●	●	●	●	●	●	●	●	●	●																																																																																					
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	VNMG 160404 TNBAM1	331-TNB-AM1	0.4			●																																																																																												
AM1	160408 TNBAM1	332-TNB-AM1	0.8			●																																																																																												
	VNMG 160404 G	VNMG331-G	0.4							●							F27																																																																																	
G	160408 G	332-G	0.8							●																																																																																								
	160412 G	333-G	1.2							●																																																																																								
	VNMG 160404 FNZP	VNMG331-FN-ZP	0.2			●																																																																																												
ZP	160404 FNZP	331-FN-ZP	0.4			●																																																																																												
	160408 FNZP	332-FN-ZP	0.8			●																																																																																												

● : Standard-Artikel ● : Neue Artikel ■ : Auf Anfrage ★ : Festgelegte Ausführung

<80 Grad hexagonale negative Platten>

Bezeichnung	IC	Dicke
WN_0804	12.7	4.76

Form	ISO-Bezeichnung	Inch-Bezeichnung	R	Hartmetall									Spankontrolle	Werkzeughalter Siehe Seite:																																																																																				
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<p>WN_</p>				<table border="1"> <tr> <td>Kohlenstoff/Leg.Stahl</td> <td>P</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td> </tr> <tr> <td>Edelstahl/Stahlguss</td> <td>M</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td> </tr> <tr> <td>Grau / Sphäroguss</td> <td>K</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td> </tr> <tr> <td>Aluminium/NE-Metall</td> <td>N</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td> </tr> <tr> <td>Nickel-Basis Leg.</td> <td>S</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td> </tr> <tr> <td>Gehärtete Materialien</td> <td>H</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td> </tr> </table>									Kohlenstoff/Leg.Stahl	P	●	●	●	●	●	●	●	●	●	●	●	●	Edelstahl/Stahlguss	M	●	●	●	●	●	●	●	●	●	●	●	●	Grau / Sphäroguss	K	●	●	●	●	●	●	●	●	●	●	●	●	Aluminium/NE-Metall	N	●	●	●	●	●	●	●	●	●	●	●	●	Nickel-Basis Leg.	S	●	●	●	●	●	●	●	●	●	●	●	●	Gehärtete Materialien	H	●	●	●	●	●	●	●	●	●	●	●	●	<p>● : Empfehlung ● : Alternative</p>	
Kohlenstoff/Leg.Stahl	P	●	●	●	●	●	●	●	●	●	●	●	●																																																																																					
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	WNMG 080408 G	WNMG432-G	0.8									●																																																																																						
G	080412 G	433-G	1.2									●																																																																																						
	WNMG 080408 TNBZ5	WNMG432-TNB-Z5	0.8			●									F29 K37																																																																																			
Z5	080412 TNBZ5	433-TNB-Z5	1.2			●																																																																																												
	WNGG 080404 FNZP	WNGG431-FN-ZP	0.4			●	●					●																																																																																						
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