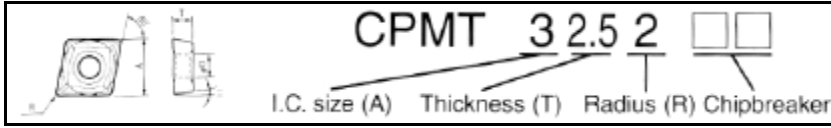


INSERTS - CPMT, DNMG

E



CP			Chip Breaker: PS- Finish to Medium			
			Cermet Grades		Coated Carbide	
PS			NS530	AT530	T9025	
			←-----Speed / Toughness-----→			
I.C.	T	Radius	Applications	Steel 500-800	Steel 600-1000	Steel 300-600
			Geometry	Stainless 400-600	Stainless 500-800	Stainless 300-500
1/4 0.250	3/32 0.093	1/128 0.008	CPMT21.50PS CPMT060202PS	TO-1552	TO-1551	TO-3563
1/4 0.250	3/32 0.093	1/64 0.016	CPMT21.51PS CPMT060204PS	TO-1555	TO-1554	TO-3564
3/8 0.375	5/32 0.156	1/128 0.008	CPMT32.50PS CPMT09T302PS	TO-1558	TO-1557	TO-5381
3/8 0.375	5/32 0.156	1/64 0.016	CPMT32.51PS CPMT09T304PS	TO-1561	TO-1560	TO-5382
3/8 0.375	5/32 0.156	1/32 0.031	CPMT32.52PS CPMT09T308PS	TO-1564	TO-1563	TO-3725

D.O.C. = .010~.100, Feed = .003 ~ .008

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DN			Chip Breaker: TS- for SEMI FINISHING				
			Cermet Grades		Coated Carbide		
TS			NS530	AT530	T9015	T9025	
			←-----Speed / Toughness-----→				
I.C.	T	Radius	Applications	Steel	Steel 700-1100	Steel 700-1000	Steel
			Geometry		Stainless 500-700		Stainless 300-600
1/2 0.500	3/16 0.187	1/64 0.016	DNMG431TS DNMG150404TS	TO-1733	TO-1731	TO-3579	TO-3580
1/2 0.500	3/16 0.187	1/32 0.031	DNMG432TS DNMG150408TS	TO-1802	TO-1800	TO-3589	TO-3590

D.O.C. = .020~.060, Feed = .003 ~ .008

Boring Bars

Are Located On Pages 279-297

DN			Chip Breaker SS- for SEMI FINISHING			
			Coated Carbide Grades			
SS			GH330	T6020	T6030	
			←-----Speed / Toughness-----→			
I.C.	T	Radius	Applications	Steel 400-600	Stainless 350-600	Stainless 250-500
			Geometry			
1/2 0.500	3/16 0.187	1/64 0.016	DNMG431SS DNMG150404SS	TO-1693	TO-1695	TO-1696
1/2 0.500	3/16 0.187	1/32 0.031	DNMG432SS DNMG150408SS	TO-1751	TO-1753	TO-1754
1/2 0.500	3/16 0.187	3/64 0.047	DNMG433SS DNMG150412SS	-	-	TO-1819

D.O.C. = .020~.120, Feed = .003 ~ .008

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DN			Chip Breaker: SA-Light Cutting			
SA			Coated Carbide Grades			
Chip Breaker			AH110 AH120			
			<---Speed/ Toughness --->			
I.C.	T	Radius	Applications	S.A. 200-250	S.A. 150-200	
			Geometry	Stainless 500-800	Stainless 450-700	
1/2 0.500	3/16 0.187	1/64 0.016	DNMG431SA DNMG150404SA	TO-1689	TO-1690	
1/2 0.500	3/16 0.187	1/32 0.031	DNMG432SA DNMG150408SA	TO-1746	TO-1747	
1/2 0.500	3/16 0.187	3/64 0.047	DNMG433SA DNMG150412SA	TO-1815	TO-1816	

D.O.C. = .040~.100, Feed = .008 ~ .014

DN			Chip Breaker: SM-Medium Cutting			
SM			Coated Carbide Grades			
Chip Breaker			T6020 T6030			
			<---Speed/ Toughness --->			
I.C.	T	Radius	Applications	Stainless 400-750	Stainless 300-500	
			Geometry	TO-1691	TO-1692	
1/2 0.500	3/16 0.187	1/64 0.016	DNMG431SM DNMG150404SM	TO-1691	TO-1692	
1/2 0.500	3/16 0.187	1/32 0.031	DNMG432SM DNMG150408SM	TO-1749	TO-1750	
1/2 0.500	3/16 0.187	3/64 0.047	DNMG433SM DNMG150412SM	-	TO-1817	

D.O.C. = .040~.150, Feed = .006 ~ .014

DN			Chip Breaker: TM - for Medium Cutting					
TM			Coated Carbide Grades					
Chip Breaker			T9015 T9025 T9035 AH110 AH120					
			<---Speed/Toughness --->					
I.C.	T	Radius	Applications	Steel 500-1000	Steel 400-800	Steel	S.A. 125-200	S.A. 65-150
			Geometry				Stainless 400-600	
3/8 0.375	3/16 0.187	1/64 0.016	DNMG331TM DNMG110404TM	TO-3571	TO-3572	-	-	-
3/8 0.375	3/16 0.187	1/32 0.031	DNMG332TM DNMG110408TM	TO-3573	TO-3574	-	-	-
1/2 0.500	3/16 0.187	1/64 0.016	DNMG431TM DNMG150404TM	TO-3576	TO-3577	TO-3578	TO-1708	TO-1709
1/2 0.500	3/16 0.187	1/32 0.031	DNMG432TM DNMG150408TM	TO-3586	TO-3587	TO-3588	TO-1773	TO-1774
1/2 0.500	3/16 0.187	3/64 0.047	DNMG433TM DNMG150412TM	TO-3594	TO-3595	TO-3596	TO-1833	TO-1834

D.O.C. = .040~.175, Feed = .0086 ~ .020

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DN			Chip Breaker: 28 Finish To Medium Cutting			
28			Coated Carbide Grades			
Chip Breaker			AH110 AH120			
			<---Speed/Toughness --->			
I.C.	T	Radius	Applications	S.A. 100-225	S.A. 75-125	
			Geometry	Non Ferrous 650-3000		
1/2 0.500	3/16 0.187	1/64 0.016	DNMG431-28 DNMG15040428	TO-1726	TO-1727	
1/2 0.500	3/16 0.187	1/32 0.031	DNMG432-28 DNMG15040828	TO-1791	TO-1792	

D.O.C. = .040~.150, Feed = .006 ~ .014

DN			Chip Breaker: P-General Purpose Uncoated Carbide			
P			TH10			
Chip Breaker			Non Ferrous 700-1500			
I.C.	T	Radius	Applications			
			Geometry			
1/2 0.500	3/16 0.187	1/64 0.016	DNMG431FLP DNMG150404LP	TO-1655		
1/2 0.500	3/16 0.187	1/64 0.016	DNMG431FRP DNMG150404RP	TO-1656		
1/2 0.500	3/16 0.187	1/32 0.031	DNMG432FLP DNMG150408LP	TO-1659		
1/2 0.500	3/16 0.187	1/32 0.031	DNMG432FRP DNMG150408RP	TO-1660		

D.O.C. = .02~.150, Feed = .004 ~ .016

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DN _ _				Chip Breaker: TH- for ROUGHING				
				Coated Carbide Grades				
TH	Chip Breaker			T9005	T9025	T9035	T6030	AH120
←-----Speed/Toughness-----→								
I.C.	T	Radius	Applications	Steel 650-1050	Steel 300-700	Steel	Stainless 250-500	S.A. 65-150
			Geometry					Stainless 400-600
1/2 0.500	3/16 0.187	1/32 0.031	DNMG432TH DNMG150408TH	TO-3581	TO-3583	TO-3584	TO-1766	TO-1764
1/2 0.500	3/16 0.187	3/64 0.047	DNMG433TH DNMG150412TH	TO-3591	TO-3592	TO-3584	TO-1828	TO-1826
D.O.C. = .120~.250, Feed = .012 ~ .020								

INSERTS

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DC _ _				Chip Breaker: PM- for Finish To Medium			
				Coated Carbide Grades			
PM	Chip Breaker			T6020	T9025	AH110	AH120
←-----Speed/Toughness-----→							
I.C.	T	Radius	Applications	Steel	Steel 600-1000	Steel 500-900	Steel 300-600
			Geometry	Stainless 400-600			Stainless 300-500
1/4 0.250	3/32 0.093	1/64 0.016	DCMT21.51PM DCMT070204PM	TO-3852	TO-3854	TO-3850	TO-3851
1/4 0.250	3/32 0.093	1/32 0.031	DCMT21.52PM DCMT070208PM	TO-3851	TO-3863	TO-3859	TO-3860
3/8 0.375	5/32 0.156	1/128 0.008	DCMT32.50PM DCMT11T302PM				
3/8 0.375	5/32 0.156	1/64 0.016	DCMT32.51PM DCMT11T304PM	TO-3873	TO-3875	TO-3870	TO-3871
3/8 0.375	5/32 0.156	1/32 0.031	DCMT32.52PM DCMT11T308PM	TO-3884	TO-3886	TO-3881	TO-3882
D.O.C. = .010~.100, Feed = .003 ~ .008							

Boring Bars

Are Located On Pages 279-297

DC _ _				Chip Breaker: PP for FINISH-MEDIUM	
				Uncoated Carbide Grade	
PP	Chip Breaker			H10T	
I.C.	T	Radius	Applications	S.A.	
			Geometry	Non Ferrous 700-1500	
1/4 0.250	3/32 0.093	1/128 0.008	DCGT21.50PP DCGT070202PP	TO-1580	
1/4 0.250	3/32 0.093	1/64 0.016	DCGT21.51PP DCGT070204PP	TO-1581	
3/8 0.375	5/32 0.156	1/128 0.008	DCGT32.50PP DCGT11T302PP	TO-1583	
3/8 0.375	5/32 0.156	1/64 0.016	DCGT32.51PP DCGT11T304PP	TO-1584	
3/8 0.375	5/32 0.156	1/32 0.031	DCGT32.52PP DCGT11T308PP	TO-1585	
D.O.C. = .020~.150, Feed = .004 ~ .014					

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