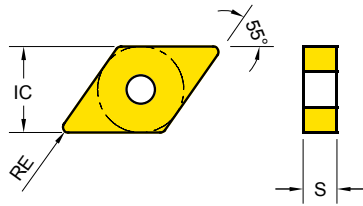


Turning Inserts - Negative

DNMA / DNMG (55° Rhombic)

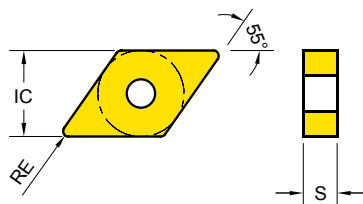


Series	IC	S
DN** 1104	9.525	4.76
DN** 1504	12.700	4.76
DN** 1506	12.700	6.35

EDP 2200..

● : Stock item ○ : Order made item

DNMA DNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05 K20	P10 K30	P15	P10	P20	P30	P20	M25	M15	M30	M40 S30	S10	P15 M15 K15	N20	N20
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
..MA  Cast iron	DNMA 150404	0.4	0.10 ~ 0.50	0.5 ~ 5.0	● 1558	○ 1505	○ 1506													
	DNMA 150408	0.8	0.15 ~ 0.50	1.0 ~ 5.0	● 1559	○ 0573	○ 0574													
	DNMA 150412	1.2	0.15 ~ 0.50	1.5 ~ 5.0	● 1421	○ 0575	○ 0576													
	DNMA 150604	0.4	0.10 ~ 0.50	1.0 ~ 5.0	● 1581	○ 1445	○ 1447													
	DNMA 150608	0.8	0.15 ~ 0.50	1.0 ~ 5.0	● 1557	○ 0091	○ 1129													
	DNMA 150612	1.2	0.15 ~ 0.50	1.5 ~ 5.0	● 1422	○ 0092	○ 1130													
-UF  Finishing	DNMG 150404 - UF	0.4	0.05 ~ 0.25	0.5 ~ 2.5			○ 0363		● 2220	● 0364	● 0365	○ 0016								
	DNMG 150408 - UF	0.8	0.05 ~ 0.25	1.0 ~ 2.5			○ 0856	○ 1030	● 2221	● 0774	● 0857									
	DNMG 150412 - UF	1.2	0.05 ~ 0.25	1.5 ~ 2.5			○ 1450		● 2584	● 1368	● 1383									
	DNMG 150604 - UF	0.4	0.05 ~ 0.25	1.0 ~ 2.0			○ 0225		● 2398	● 0226	● 0227	○ 0018								
	DNMG 150608 - UF	0.8	0.05 ~ 0.25	1.5 ~ 3.5			○ 0231		● 2419	● 0232	● 0233									
	DNMG 150612 - UF	1.2	0.05 ~ 0.25	1.5 ~ 2.5			○ 1385		● 2610	● 1369	● 1386									
-UL  Light Machining and Sticky Material	DNMG 110404 - UL	0.4	0.10 ~ 0.3	0.5 ~ 2.5			○ 1239		● 2606	● 1240	● 1241									
	DNMG 110408 - UL	0.8	0.10 ~ 0.3	1.0 ~ 2.5			○ 1242		● 2607	● 1243	● 1244									
	DNMG 150404 - UL	0.4	0.10 ~ 0.3	0.5 ~ 3.0			○ 0686		● 2444	● 0687	● 0708									
	DNMG 150408 - UL	0.8	0.10 ~ 0.3	1.0 ~ 3.0			○ 0489	○ 1028	● 2337	● 0504	● 0505									
	DNMG 150412 - UL	1.2	0.10 ~ 0.3	1.5 ~ 3.0			○ 0709	○ 1029	● 2314	● 1108	● 1109									
	DNMG 150604 - UL	0.4	0.10 ~ 0.3	0.5 ~ 3.0			○ 0369		● 2404	● 0370	● 1110									
	DNMG 150608 - UL	0.8	0.10 ~ 0.3	1.5 ~ 3.0			○ 0237		● 2214	● 0238	● 0239									
	DNMG 150612 - UL	1.2	0.10 ~ 0.3	1.5 ~ 3.0			○ 0246		● 2611	● 0247	● 0248									

Turning Inserts - Negative
DNMG (55° Rhombic)


Series	IC	S
DN** 1104	9.525	4.76
DN** 1504	12.700	4.76
DN** 1506	12.700	6.35

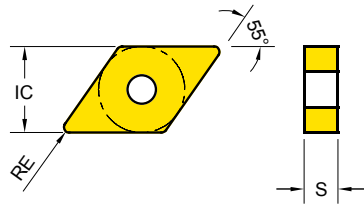
EDP 2200..

● : Stock item ○ : Order made item

					K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20
					K20	K30									S30		K15				
DNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10	
-UM  Medium Machining Unstable condition	DNMG 150404 - UM	0.4	0.15 ~ 0.30	0.5 ~ 3.0	○ 1672	○ 1702			● 2608	● 1703	● 1707										
	DNMG 150408 - UM	0.8	0.15 ~ 0.30	1.0 ~ 3.0		○ 1106	○ 0688			● 2360	● 0689	● 0701									
	DNMG 150412 - UM	1.2	0.15 ~ 0.30	1.5 ~ 3.0		○ 0604	○ 0512			● 2203	● 0488	● 0705									
	DNMG 150604 - UM	0.4	0.15 ~ 0.30	0.5 ~ 3.0		○ 1408	○ 1436			● 2609	● 1409	● 1425									
	DNMG 150608 - UM	0.8	0.15 ~ 0.30	1.0 ~ 3.0		○ 1128	○ 0240			● 2201	● 0241	● 0242									
	DNMG 150612 - UM	1.2	0.15 ~ 0.30	1.5 ~ 3.0		○ 1149	○ 1132			● 2612	● 0695	● 0706									
-UG  Medium Machining at stable condition	DNMG 150404 - UG	0.4	0.20 ~ 0.40	0.5 ~ 3.0	● 1618	○ 1131			● 2443	● 0772	● 1137										
	DNMG 150408 - UG	0.8	0.20 ~ 0.40	1.0 ~ 3.0	● 1608	○ 0452	○ 0366			● 2368	● 0367	● 0368	○ 0017								
	DNMG 150412 - UG	1.2	0.20 ~ 0.40	1.5 ~ 3.0	● 1514	○ 0703	○ 1107			● 2442	● 0487	● 0704									
	DNMG 150604 - UG	0.4	0.20 ~ 0.40	0.5 ~ 3.0	● 1619	○ 0228				● 2375	● 0229	● 0230									
	DNMG 150608 - UG	0.8	0.20 ~ 0.40	1.0 ~ 3.0	● 1609	○ 0453	○ 0234			● 2212	● 0235	● 0236	○ 0019								
	DNMG 150612 - UG	1.2	0.20 ~ 0.40	1.5 ~ 3.0	● 1511	○ 0454	○ 0243			● 2356	● 0244	● 0245									
-UC  Cast iron and Medium roughing	DNMG 150408 - UC	0.8	0.20 ~ 0.40	1.0 ~ 4.0	● 1611	○ 0577	○ 0578	○ 1273	● 2388	● 1193	● 0700										
	DNMG 150412 - UC	1.2	0.20 ~ 0.40	1.5 ~ 4.0	● 1512	○ 0579	○ 0580			● 2373	● 1168	● 0702									
	DNMG 150608 - UC	0.8	0.20 ~ 0.40	1.0 ~ 4.0	● 0898	○ 0090	○ 0121	○ 1272		● 2376	● 0104	● 0122									
	DNMG 150612 - UC	1.2	0.20 ~ 0.40	1.5 ~ 4.0	● 1509	○ 0098	○ 0123			● 2410	● 0105	● 0124									
-UR  Roughing	DNMG 150408 - UR	0.8	0.30 ~ 0.50	1.0 ~ 5.0	● 1621	○ 1095	○ 0585			● 2446	● 1096	● 1097									
	DNMG 150412 - UR	1.2	0.30 ~ 0.50	1.5 ~ 5.0	● 1513	○ 1127	○ 0581			● 2400	● 1134	● 1101									
	DNMG 150608 - UR	0.8	0.30 ~ 0.50	1.0 ~ 5.0	● 1622	○ 0691	○ 0692			● 2447	● 0693	● 0854									
	DNMG 150612 - UR	1.2	0.30 ~ 0.50	1.5 ~ 5.0	● 1510	○ 1258	○ 0371			● 2416	● 0372	● 0373	○ 0020								

Turning Inserts - Negative

DNMG (55° Rhombic)



Series	IC	S
DN** 1104	9.525	4.76
DN** 1504	12.700	4.76
DN** 1506	12.700	6.35

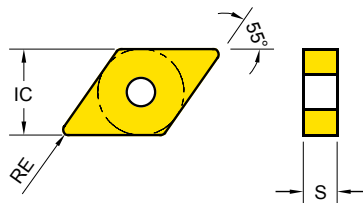
EDP 2200..

● : Stock item ○ : Order made item

DNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05 K20	P10 K30	P15	P10	P20	P30	P20	M25	M15	M30	M40 S30	S10	P15 M15 K15	N20	N20
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
-MF  Stainless steel Finishing	DNMG 150404 - MF	0.4	0.07 ~ 0.30	0.2 ~ 1.5									●	●	●	●	○			
	DNMG 150408 - MF	0.8	0.07 ~ 0.30	0.2 ~ 1.5							○		2454	0848	0771	1815	2273			
	DNMG 150604 - MF	0.4	0.07 ~ 0.30	0.2 ~ 1.5									●	●	●	●	○			
	DNMG 150608 - MF	0.8	0.07 ~ 0.30	0.2 ~ 1.5						○	○		2455	0811	0850	1819	1945			
-MM  Stainless steel Medium	DNMG 150404 - MM	0.4	0.20 ~ 0.35	0.5 ~ 3.5							○		○	0527	0551	0552	1710	2289		
	DNMG 150408 - MM	0.8	0.20 ~ 0.35	1.0 ~ 3.5							○		○	0506	0513	0514	1788	2290		
	DNMG 150412 - MM	1.2	0.20 ~ 0.35	1.5 ~ 3.5							○		○	0529	0561	0562	1711	2291		
	DNMG 150604 - MM	0.4	0.20 ~ 0.35	0.5 ~ 3.5							○		○	0528	0553	0554	1712	2292		
	DNMG 150608 - MM	0.8	0.20 ~ 0.35	1.0 ~ 3.5							○		○	0507	0515	0516	0690	2293		
	DNMG 150612 - MM	1.2	0.20 ~ 0.35	1.5 ~ 3.5							○		○	0496	0563	0564	0694	2294		
-MG  Stainless steel General	DNMG 150404 - MG	0.4	0.20 ~ 0.40	0.5 ~ 4.0									●							
	DNMG 150408 - MG	0.8	0.20 ~ 0.40	1.0 ~ 4.0									●	●	●	●	●			
	DNMG 150412 - MG	1.2	0.20 ~ 0.40	1.5 ~ 4.0									●							
	DNMG 150604 - MG	0.4	0.20 ~ 0.40	0.5 ~ 4.0									●							
	DNMG 150608 - MG	0.8	0.20 ~ 0.40	1.0 ~ 4.0									●	●	●	●	●			
	DNMG 150612 - MG	1.2	0.20 ~ 0.40	1.5 ~ 4.0									●							
-MR  Stainless steel Roughing	DNMG 150408 - MR	0.8	0.30 ~ 0.55	2.0 ~ 5.5							○		1036	2492	0914	0808	0809			
	DNMG 150412 - MR	1.2	0.30 ~ 0.55	2.0 ~ 5.5											0929	0930	0810			
	DNMG 150608 - MR	0.8	0.30 ~ 0.55	2.0 ~ 5.5							○		1037	2481	0860	0814	0815			
	DNMG 150612 - MR	1.2	0.30 ~ 0.55	2.0 ~ 5.5											0861	0862	0816			

Turning Inserts - Negative

DNGG / DNMG (55° Rhombic)



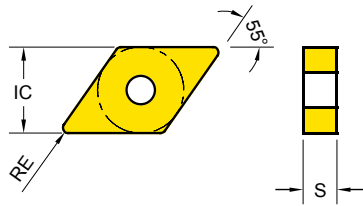
Series	IC	S
DN** 1104	9.525	4.76
DN** 1504	12.700	4.76
DN** 1506	12.700	6.35

EDP 2200..

● : Stock item ○ : Order made item

						K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20
						K20	K30										S30		K15			
DNGG DNMG						YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10	
-SF	 HRSA Finishing	DNGG 150404 - SF	0.4	0.10 ~ 0.25	0.2 ~ 1.0													●				
		DNGG 150408 - SF	0.8	0.10 ~ 0.25	0.2 ~ 1.0														●			
		DNGG 150604 - SF	0.4	0.10 ~ 0.25	0.2 ~ 1.0														●			
		DNGG 150608 - SF	0.8	0.10 ~ 0.25	0.2 ~ 1.0														●			
-SM	 HRSA Medium	DNMG 150408 - SM	0.8	0.15 ~ 0.30	0.5 ~ 3.0											○	○	○	●			
		DNMG 150412 - SM	1.2	0.15 ~ 0.30	0.5 ~ 3.0												○	○	○	●		
		DNMG 150608 - SM	0.8	0.15 ~ 0.30	0.5 ~ 3.0												○	○	○	●		
		DNMG 150612 - SM	1.2	0.15 ~ 0.30	0.5 ~ 3.0												○	○	○	●		
-SR	 HRSA Roughing	DNMG 150408 - SR	0.8	0.30 ~ 0.55	2.0 ~ 5.5													●				
		DNMG 150412 - SR	1.2	0.30 ~ 0.55	2.0 ~ 5.5														●			
		DNMG 150608 - SR	0.8	0.30 ~ 0.55	2.0 ~ 5.5														●			
		DNMG 150612 - SR	1.2	0.30 ~ 0.55	2.0 ~ 5.5														●			
NEW -PSF	 Cermet Finishing	DNMG 150404 - PSF	0.4	0.07 ~ 0.30	0.4 ~ 3.0														●			
		DNMG 150408 - PSF	0.8	0.10 ~ 0.30	0.6 ~ 3.0															●		

Turning Inserts - Negative

DNMM - Heavy Turning (55° Rhombic)


Series	IC	S
DN** 1104	9.525	4.76
DN** 1504	12.700	4.76
DN** 1506	12.700	6.35

EDP 2200..

● : Stock item ○ : Order made item

DNMM	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05 K20	P10 K30	P15	P10	P20	P30	P20	M25	M15	M30	M40 S30	S10	P15 M15 K15	N20	N20
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
NEW -UH  Low cutting force	DNMM 150612 - UH	1.2	0.30 ~ 0.50	2.0 ~ 7.0						● 2327	● 2328									
NEW -UT  Heavy Roughing	DNMM 150612 - UT	1.2	0.30 ~ 0.50	2.0 ~ 7.0						● 2329	● 2330									

TURNING

PARTING & GROOVING

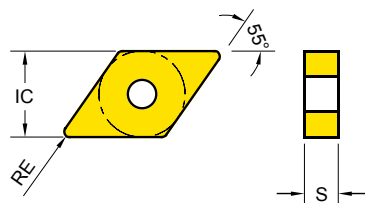
MILLING

DRILLING

TECHNICAL INFORMATION

Turning Inserts - Negative

DNUX (4 Corners 55° Rhombic)



Series	IC	S
DNUX 1504	12.7	4.76
DNUX 1506	12.7	6.35

EDP 2200..

● : Stock item ○ : Order made item

					ED1 2200..																
					K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20
					K20	K30										S30	K15				
DNUX	Designation	RE	Fn (mm/rev.)	Ap (mm)	YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10	
NEW ..UX  Left Hand Shown	DNUX 150404 L	0.4	0.10 ~ 0.35	0.7 ~ 4.0			○		●	●	●										
	DNUX 150408 L	0.8	0.10 ~ 0.35	1.0 ~ 4.0			○		●	●	●										
	DNUX 150604 L	0.4	0.10 ~ 0.35	0.7 ~ 4.0			○		●	●	●					●	●				
	DNUX 150608 L	0.8	0.10 ~ 0.35	1.0 ~ 4.0			○		●	●	●					1327	1321				
NEW ..UX  Right Hand Shown	DNUX 150404 R	0.4	0.10 ~ 0.35	0.7 ~ 4.0			○		●	●	●										
	DNUX 150408 R	0.8	0.10 ~ 0.35	1.0 ~ 4.0			○		●	●	●										
	DNUX 150604 R	0.4	0.10 ~ 0.35	0.7 ~ 4.0			○		●	●	●							●			
	DNUX 150608 R	0.8	0.10 ~ 0.35	1.0 ~ 4.0			○		●	●	●					1948	1547	1574			