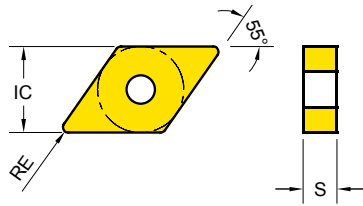


Turning Inserts - Negative

DNMA / DNMG (55° Rhombic)

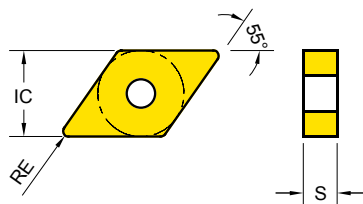


Series	IC	S
DN** 1104	9.525	4.76
DN** 1504	12.700	4.76
DN** 1506	12.700	6.35

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

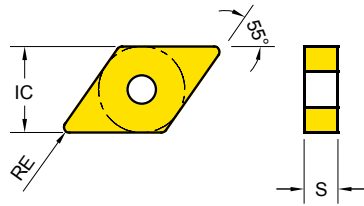
EDP 2200..

● : Stock item ○ : Order made item

					Insert Selection																
					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

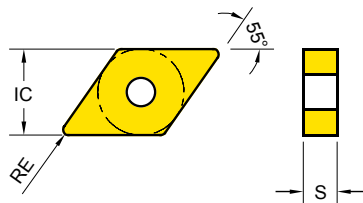
EDP 2200..

● : 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	●	●	●	○			
	DNMG 150408 - MM	0.8	0.20 ~ 0.35	1.0 ~ 3.5							○		0506	●	●	●	○			
	DNMG 150412 - MM	1.2	0.20 ~ 0.35	1.5 ~ 3.5							○		0529	●	●	●	○			
	DNMG 150604 - MM	0.4	0.20 ~ 0.35	0.5 ~ 3.5							○		0528	●	●	●	○			
	DNMG 150608 - MM	0.8	0.20 ~ 0.35	1.0 ~ 3.5							○		0507	●	●	●	○			
	DNMG 150612 - MM	1.2	0.20 ~ 0.35	1.5 ~ 3.5							○		0496	●	●	●	○			
-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									2466	●	●	●	●			
	DNMG 150412 - MG	1.2	0.20 ~ 0.40	1.5 ~ 4.0									2470	1561	1562	1563	1560			
	DNMG 150604 - MG	0.4	0.20 ~ 0.40	0.5 ~ 4.0									2483							
	DNMG 150608 - MG	0.8	0.20 ~ 0.40	1.0 ~ 4.0									2467	●	●	●	●			
	DNMG 150612 - MG	1.2	0.20 ~ 0.40	1.5 ~ 4.0									2471	1565	1566	1567	1564			
-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)



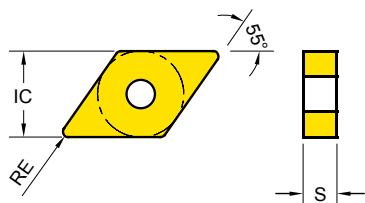
Series	IC	S
DN** 1104	9.525	4.76
DN** 1504	12.700	4.76
DN** 1506	12.700	6.35

EDP 2200..

● : Stock item ○ : Order made item

					DNGG DNMG																	
					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													●				
																1295						
																	1293					
																	1296					
																	1294					
-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											○	○	○	●			
																1417	1412	1817	1300			
																	1419	1413	1818	1303		
																	1418	1414	1821	1301		
																	1420	1415	1822	1302		
-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													●				
																	1298					
																	1297					
																	1280					
																	1299					
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														●			
																			2534			

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

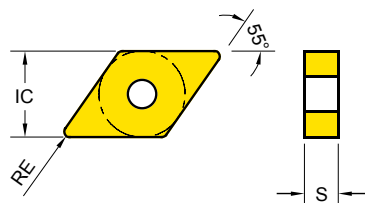
MILLING

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			