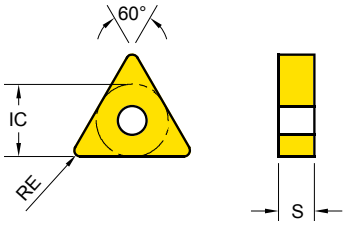
Turning Inserts - Negative

TNMA / TNMG (60° Triangle)

Series	IC	S
TN** 1604	9.525	4.76
TN** 2204	12.700	4.76



EDP 2200.. ●: Stock item ○: Order made item

TNMA TNMG		Designation	RE	Fn (mm/rev.)	Ap (mm)	K10 YG1010	P05 K20 YG1001	P10 K30 YG3010	P15 YG3015	P10 YG3115	P20 YG3020	P30 YG3030	P20 YG801	M25 YG2025	M15 YG211	M30 YG213	M40 S30 YG214	S10 YG401	P15 M15 K15 YT100	N20 YG100	N20 YG10
..MA	 Cast iron	TNMA 160404	0.4	0.15 ~ 0.50	0.5 ~ 5.0	● 1582	○ 1446	○ 1448													
		TNMA 160408	0.8	0.15 ~ 0.50	1.0 ~ 5.0	● 1486	○ 0035	○ 1191													
		TNMA 160412	1.2	0.15 ~ 0.50	1.5 ~ 5.0	● 1485	○ 0036	○ 1192													
-UF	 Finishing	TNMG 160404 - UF	0.4	0.05 ~ 0.25	0.5 ~ 2.5			○ 0270		● 2363	● 0271	● 0272	○ 0039								
		TNMG 160408 - UF	0.8	0.05 ~ 0.25	1.0 ~ 2.5			○ 0276		● 2217	● 0277	● 0278									
		TNMG 160412 - UF	1.2	0.05 ~ 0.25	1.5 ~ 2.5			○ 0721		● 2645	● 0588	● 1197									
		TNMG 220404 - UF	0.4	0.10 ~ 0.35	0.5 ~ 4.0			○ 0407		● 2409	● 1203	● 1205	○ 0042								
-UL	 Light Machining and Sticky Material	TNMG 160404 - UL	0.4	0.10 ~ 0.30	0.5 ~ 3.0			○ 1605		● 2643	● 1606	● 1607									
		TNMG 160408 - UL	0.8	0.10 ~ 0.30	1.0 ~ 3.0			○ 0279	○ 0752	● 2374	● 0280	● 0281									
		TNMG 160412 - UL	1.2	0.10 ~ 0.30	1.5 ~ 3.0			○ 0884	○ 0868	● 2586	● 0621	● 1198									
-UM	 Medium Machining Unstable condition	TNMG 160404 - UM	0.4	0.15 ~ 0.30	0.5 ~ 3.0	○ 1669	○ 0949	○ 0948	○ 0844	● 2644	● 0952	● 0954									
		TNMG 160408 - UM	0.8	0.15 ~ 0.30	1.0 ~ 3.0	○ 1141	○ 1053	○ 0282	○ 0758	● 2195	● 0283	● 0284									
		TNMG 160412 - UM	1.2	0.15 ~ 0.30	1.5 ~ 3.0	○ 1143	○ 0596	○ 0597	○ 0760	● 2587	● 0586	● 0710									
-UG	 Medium Machining at stable condition	TNMG 160404 - UG	0.4	0.20 ~ 0.40	0.5 ~ 3.0	● 1620	○ 0458	○ 0273		● 2171	● 0274	● 0275									
		TNMG 160408 - UG	0.8	0.20 ~ 0.40	1.0 ~ 3.0	● 1140	○ 0459	○ 0144	○ 0757	● 2182	● 0145	● 0146	○ 0037								
		TNMG 160412 - UG	1.2	0.20 ~ 0.40	1.5 ~ 3.0	● 1142	○ 0605	○ 0606	○ 0759	● 2200	● 0587	● 0939									
		TNMG 220408 - UG	0.8	0.25 ~ 0.60	1.0 ~ 6.0	● 1641	○ 1061	○ 0285		● 2394	● 0286	● 0287	○ 0040								
		TNMG 220412 - UG	1.2	0.25 ~ 0.60	1.5 ~ 6.0	● 1642	○ 1526	○ 1527		● 2694	● 1528	● 1529									
		TNMG 220416 - UG	1.6	0.25 ~ 0.60	2.0 ~ 6.0	● 1647	○ 1209	○ 0851	○ 0863	● 2695	● 0852	● 1263									
-UC	 Cast iron and Medium roughing	TNMG 160404 - UC	0.4	0.20 ~ 0.40	0.5 ~ 4.0	● 1316	○ 0399	○ 0400		● 2423	● 0401	● 0402									
		TNMG 160408 - UC	0.8	0.20 ~ 0.40	1.0 ~ 4.0	● 0901	○ 0075	○ 0129		● 2382	● 0108	● 0130									
		TNMG 160412 - UC	1.2	0.20 ~ 0.40	1.5 ~ 4.0	● 0902	○ 0076	○ 0131		● 2413	● 0109	● 0132									
		TNMG 220416 - UC	1.6	0.20 ~ 0.40	2.0 ~ 4.0						● 1507										
-UR	 Roughing	TNMG 160408 - UR	0.8	0.30 ~ 0.50	1.0 ~ 5.0	● 0880	○ 0680	○ 0669		● 2395	● 0670	● 1054									
		TNMG 160412 - UR	1.2	0.30 ~ 0.50	1.5 ~ 5.0	● 1657	○ 0602	○ 0404	○ 0888	● 2406	● 0405	● 0406	○ 0038								
		TNMG 220412 - UR	1.2	0.30 ~ 0.65	1.5 ~ 7.0	● 1639	○ 0408	○ 0409		● 2403	● 0410	● 0411	○ 0041								
		TNMG 220416 - UR	1.6	0.30 ~ 0.65	2.0 ~ 7.0	● 1658	○ 0460	○ 0461		● 2696	● 0696	● 0711									