

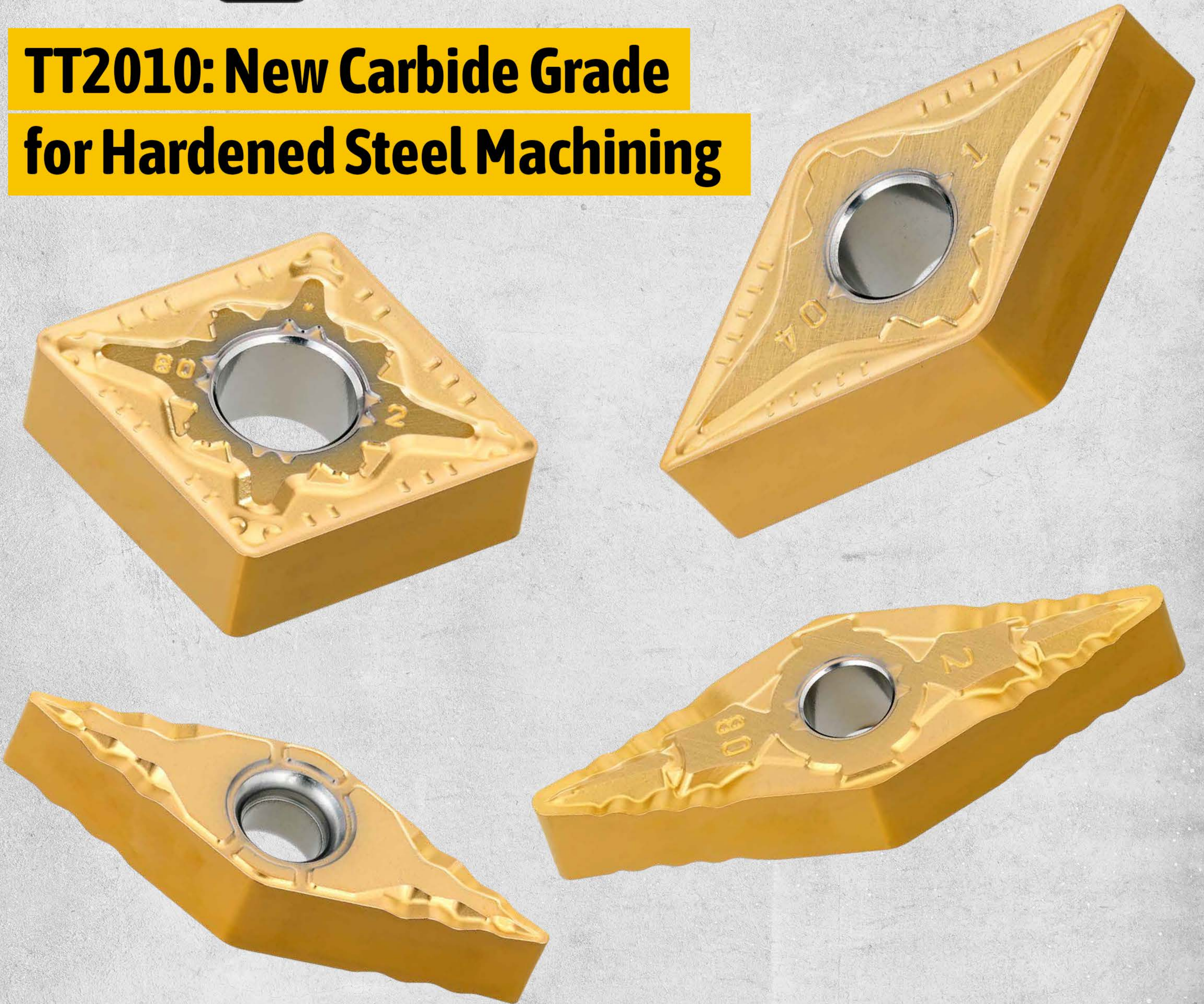
NEW PRODUCT NEWS



Taegutec Turning Line

T-TURN

**TT2010: New Carbide Grade
for Hardened Steel Machining**

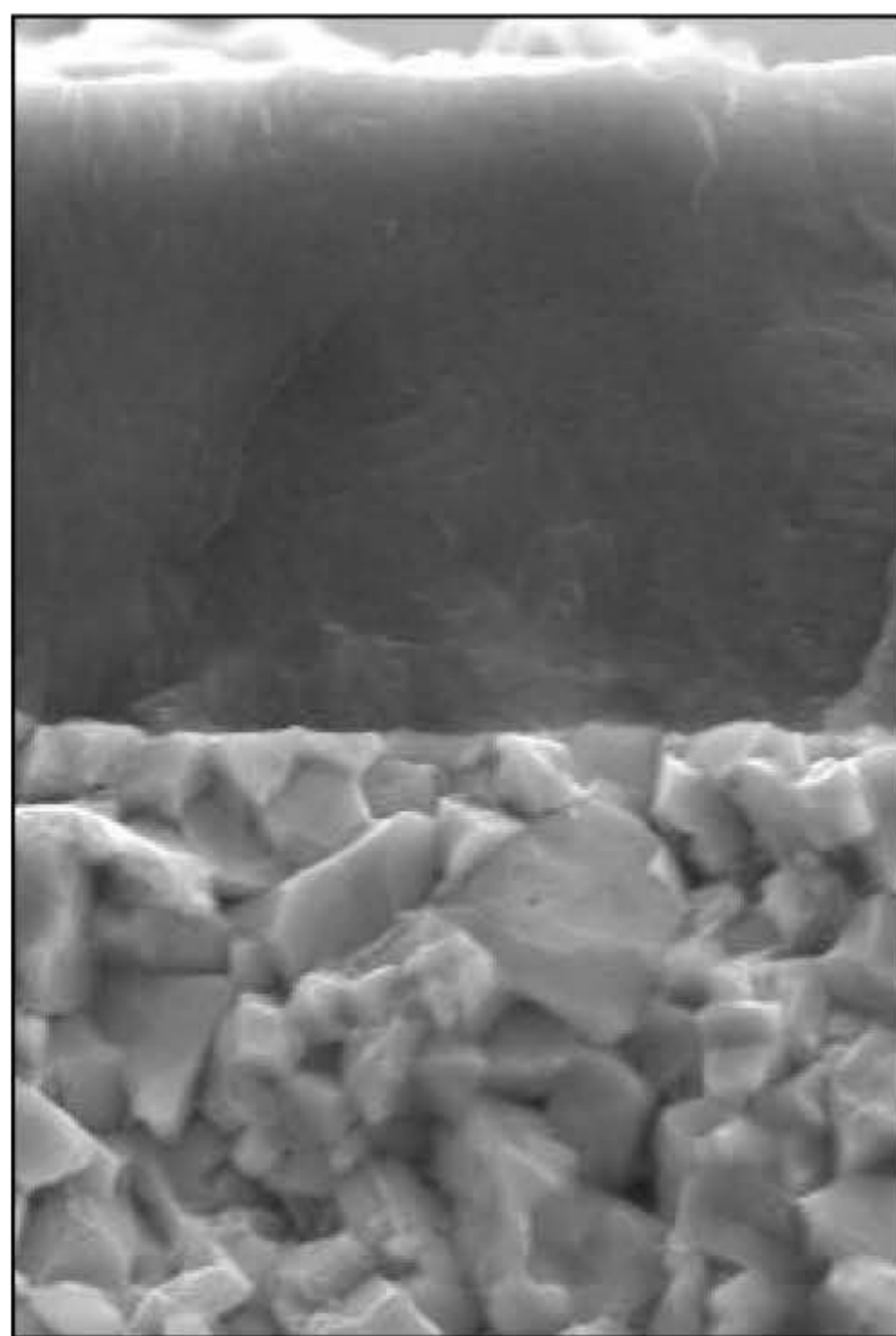


KEY POINT

TaeguTec introduces the TT2010 carbide grade for hardened steel machining.

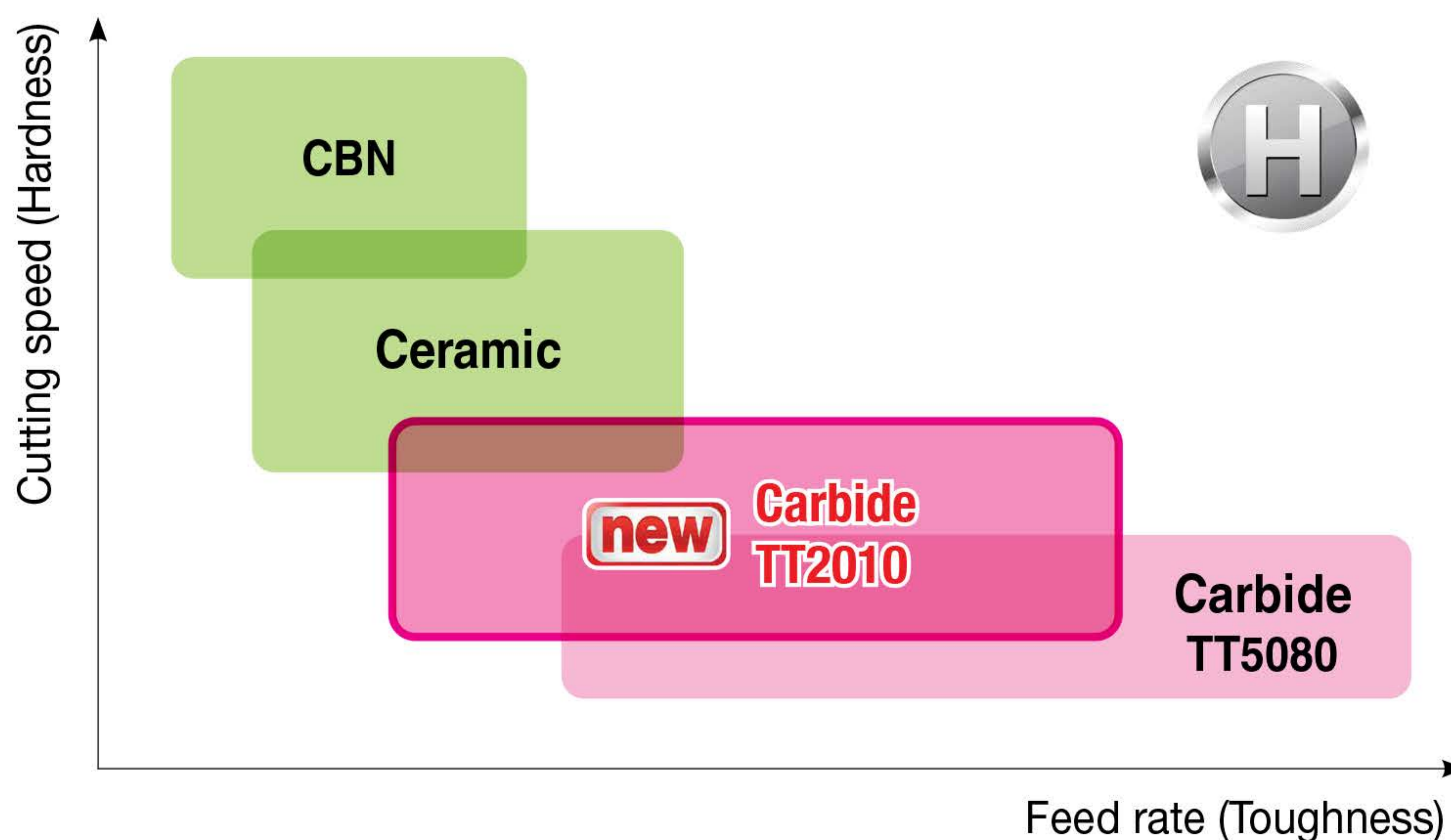
With superior hardness and adequate toughness, the TT2010 grade provides higher tool life even in heat-treated hardened steel machining. This new grade is an economical alternative to ceramic and CBN grades for customers requiring a cost-competitive solution.

new TT2010 grade features



- Ultra fine-grained substrate for extremely high wear resistance
- An AlTiN-based PVD coating layer enables high deformation resistance
- ISO H05-H10 turning grade is optimally designed for HRC 40-62 hardened steel
- Excellent machining performance in finish and light interrupted cutting

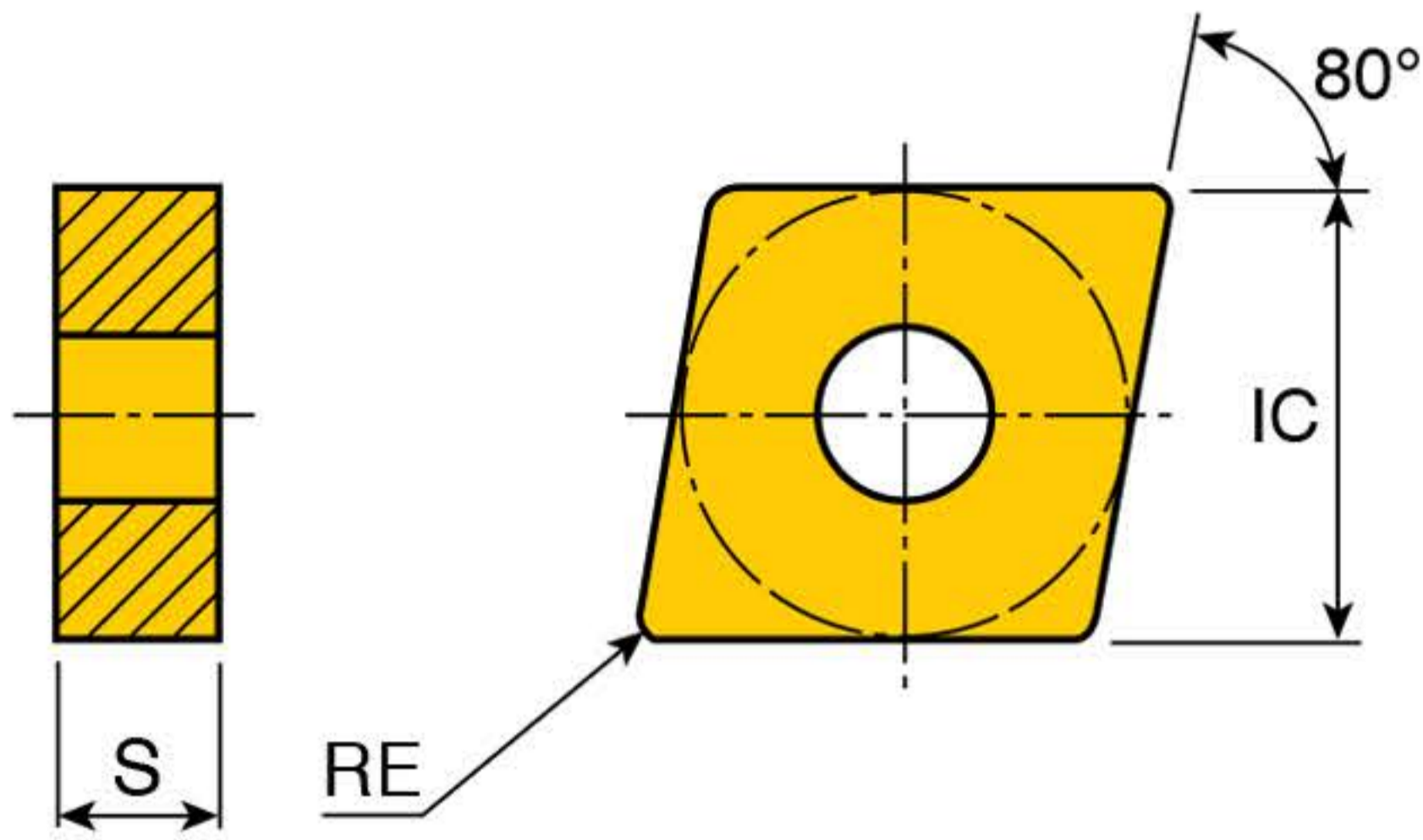
For hardened steel (HRC 40-62)





CNMG

Negative 80° rhombic inserts



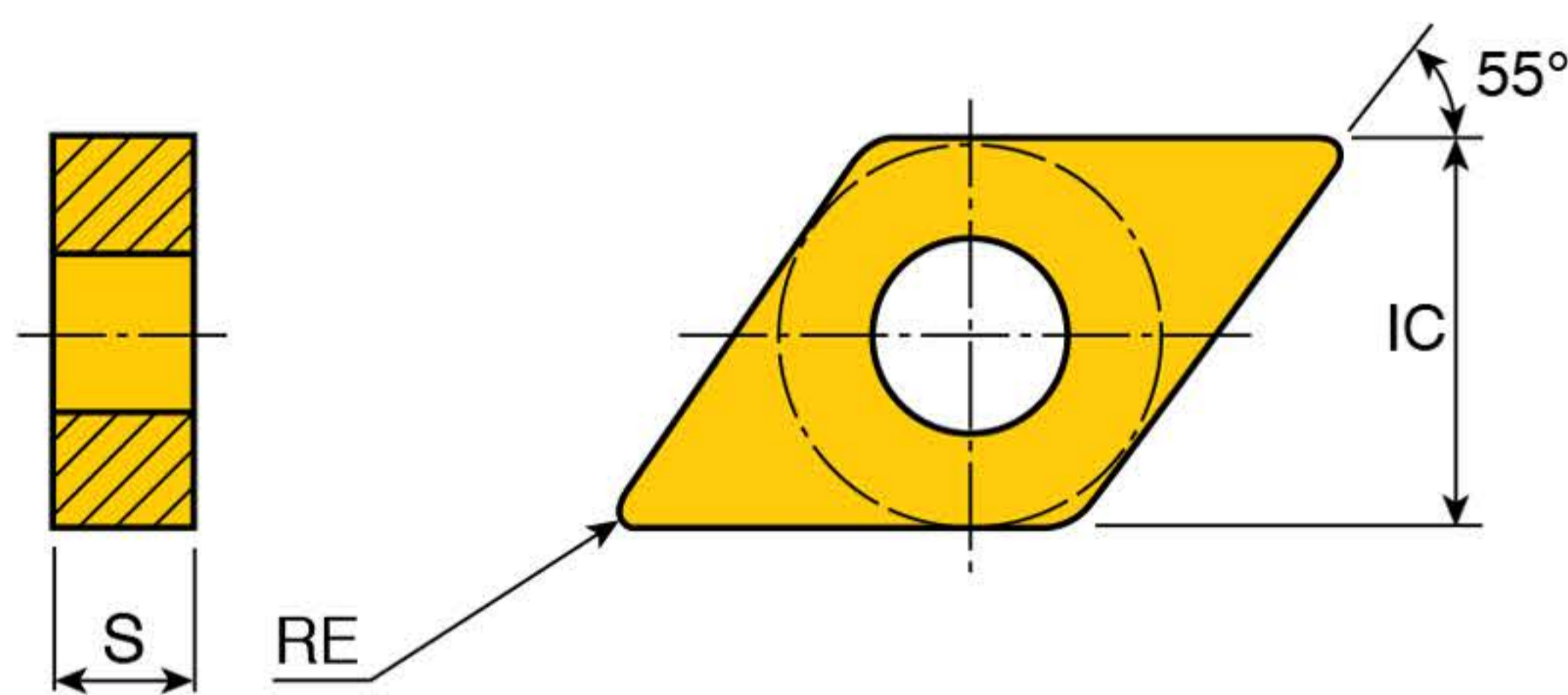
Size	Dimension (mm)		
	IC	S	RE
12	12.7	4.76	0.4-1.2

Insert	Designation	ap (mm)	Feed (mm/rev)	PVD coated
				new TT2010
 Medium	CNMG 120404 MGP	0.4-3.0	0.10-0.40	●
	120408 MGP	0.5-3.0	0.15-0.55	●
	120412 MGP	0.6-3.0	0.17-0.55	●

●: Standard items

DNMG

Negative 55° rhombic inserts



Size	Dimension (mm)		
	IC	S	RE
15	12.7	6.35	0.4-1.2

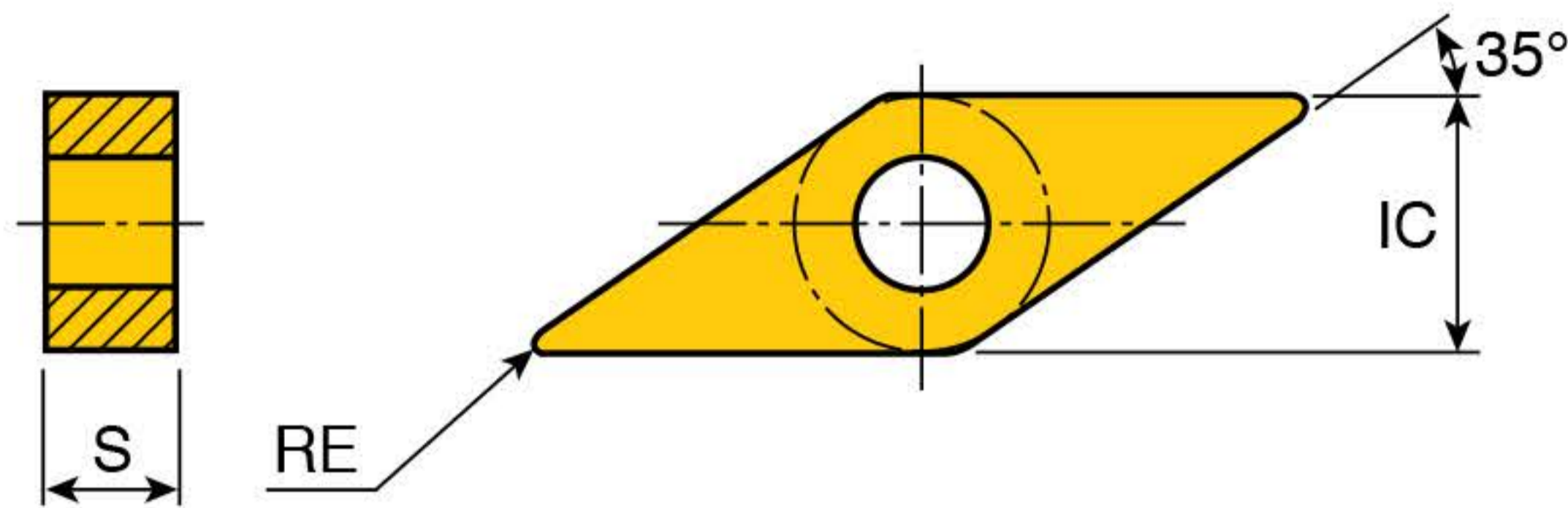
Insert	Designation	ap (mm)	Feed (mm/rev)	PVD coated
				new TT2010
 Medium	DNMG 150604 MGP	0.4-2.0	0.10-0.40	●
	150608 MGP	0.5-2.0	0.15-0.50	●
	150612 MGP	0.6-2.0	0.17-0.55	●

●: Standard items



VNMG VNMX



Negative 35° rhombic inserts



Size	Dimension (mm)		
	IC	S	RE
13	7.94	4.76	0.4-0.8
16	9.52	4.76	0.4-0.8

Insert	Designation	ap (mm)	Feed (mm/rev)	PVD coated
				new TT2010
 Medium	VNMG 160404 MLP	0.1-1.5	0.05-0.20	●
	160408 MLP	0.2-1.5	0.08-0.30	●
 Finishing	VNMX 130404 FX	0.1-1.0	0.05-0.20	●
	130408 FX	0.2-1.0	0.07-0.20	●

●: Standard items

Recommended Cutting Conditions



Machining data

ISO	Material	Condition	Tensile Strength (N/mm ²)	Hardness HRC	Material No.	Cutting speed Vc(m/min)
						TT2010
H	Hardened steel	Hardened		35-55	38	80-200
		Hardened		55-65	39	50-100

■ Hardened steel

CONTACT US



MEGA TECH METALWORK CO.,LTD (Headquarter)



Tel : 02-943-1591



Fax : 02-943-1592



Line ID : @mgt_metalwork



Email : sales.m@mgtg.co.th



Web : <https://www.mgtg.co.th/>



**17/4 Soi Ramintra 89
Ramintra Khannayao
Bangkok 10230**

