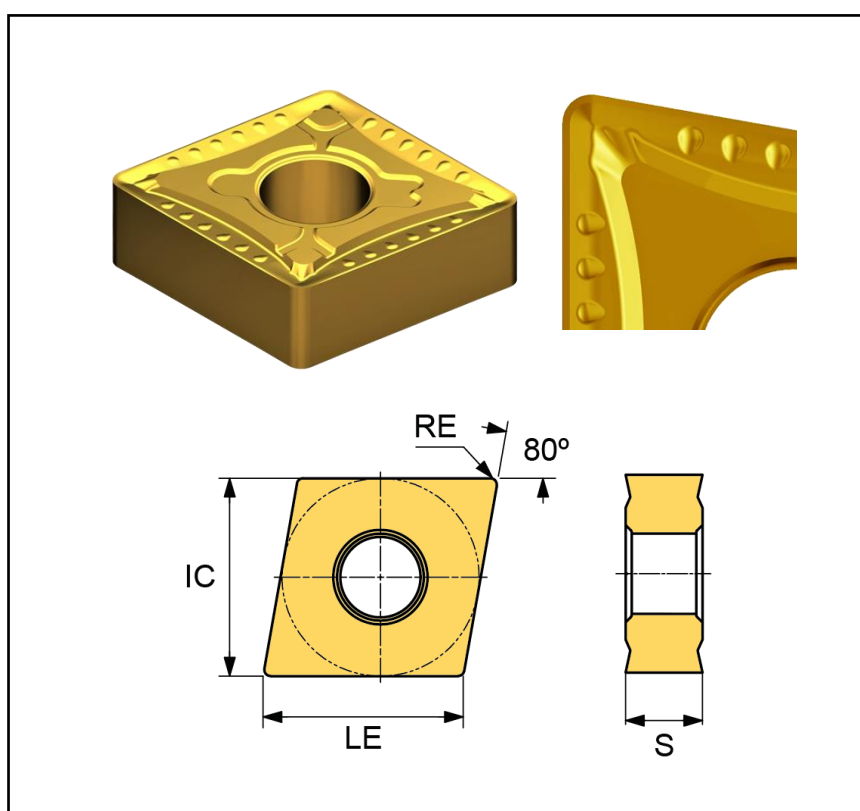


Features

- Multi-layer CVD coating with MT-TiCN, Al₂O₃, and TiN layers reduces friction, minimises built-up edge formation, and delivers excellent flank and crater wear resistance for stable, consistent cutting.
- Advanced carbide substrate combined with a new sintering process and post-treatment technology improves heat resistance, chipping resistance, and mechanical strength, significantly extending tool life in demanding applications.
- ET325C grade is optimised for semi-finishing, medium, and semi-roughing turning of steel and stainless steel, offering a balanced combination of toughness and wear resistance for reliable, high-productivity results.

RS PRO CNMG 120408-BG ET325C



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

The RS Pro CNMG 120408-BG ET325C is a high performance turning insert designed for semi finishing, medium and semi roughing in steel applications. Featuring a next generation multi-layer CVD coating, it reduces friction, minimise built up edge and provides excellent flank and crater wear resistance for stable, consistent machining. A newly developed carbide substrate, produced using an advanced sintering process and enhanced by post treatment technology, delivers superior heat resistance, chipping resistance, and mechanical stability, significantly extending tool life. Optimised for high-speed, high productivity turning, the ET325 grade offers an ideal balance of toughness and wear resistance, making it a reliable choice for modern mass-production Environments.

General Specifications

Brand	RS PRO
Material	Carbide
Product Type	Negative Turning Insert
Approach Angle	95°
Overall Height	12.7mm
Overall Length	12mm
Thickness	4.76mm
For Use With	TCLNR
Number of Pieces	Pack of 10
Insert Bit Type	Semi-finishing, Medium, Semi-roughing
Insert Application	Steel

Mechanical Specifications

Inscribed Circle (Insert Size)	IC – See table below and detailed image below
Overall Length	LE – See table below and detailed image below
Overall Height	IC– See table below and detailed image below
Thickness	S – See table below and detailed image below
Thread Profile Geometry	RE – See table below and detailed image below

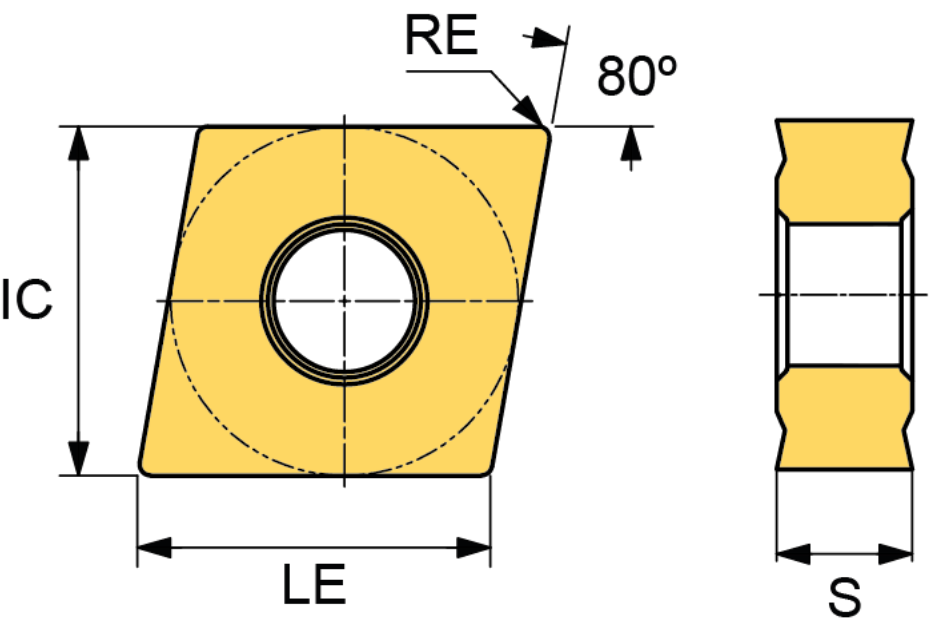
Approvals

Declarations	N/A
Hazardous Area Certification	N/A
Standards Met	ISO

Stock No.	Brand	Length of Edge - LE	Inscribed Circle - IC	Thickness S	Corner Radius - RE	Feed per rev f_n	Depth of cut a_p
XXX-XXXX 900315	RS PRO	12	12.7	4.76	0.8	0.20 - 0.40	1.0 - 3.0

Similar Products

Stock No.	Brand	Shank Dia H	Min Bore Dia B	Head Width HF	O/ALL LF	Cutting Width WF	Approach Angle KAPR
XXX-XXXX 900303	RS PRO	25	25	25	150	32	95°



Cutting Data

ISO	P			M		K		N						S			H		
VDI	1-5	6-9	10-11	12-13	14	15-16	17-20	21-24	25	26-28	29.1	29.2	30	31-32	33-35	36-37	38	39	40-41
● Primary ○ Secondary	●	●																	