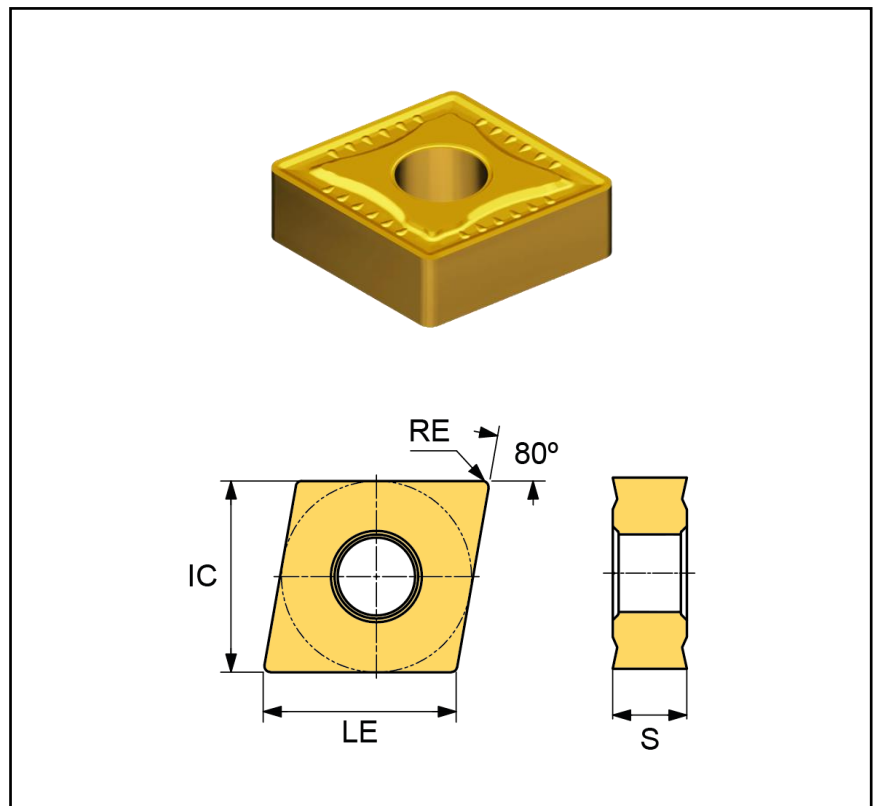


Features

- Designed for ISO P steels: BR chipbreaker with 0° clearance and 80° rhombic geometry, ideal for semi-roughing and roughing applications requiring stability and consistent chip control.
- Next-generation CVD coating & carbide substrate: Advanced CVD coating combined with a newly sintered carbide substrate delivers exceptional wear resistance and mechanical stress stability, significantly reducing chip wear.
- Longer, predictable tool life: Innovative post-treatment technology improves wear behaviour, offering an optimal balance of toughness and wear resistance.

RS PRO CNMG 120412-BR 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 120412-BR ET325C is a robust insert for ISO P steel machining, designed for semi-roughing and roughing applications. Its 0° clearance, 80° CNMG geometry provides excellent edge strength and stability, while a next generation CVD coating and newly sintered carbide substrate deliver high wear resistance and mechanical stress stability. Enhanced by advanced post treatment technology, the insert offers improved wear behaviours, reduced chip wear and a long predictable tool life.

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	Roughing and 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

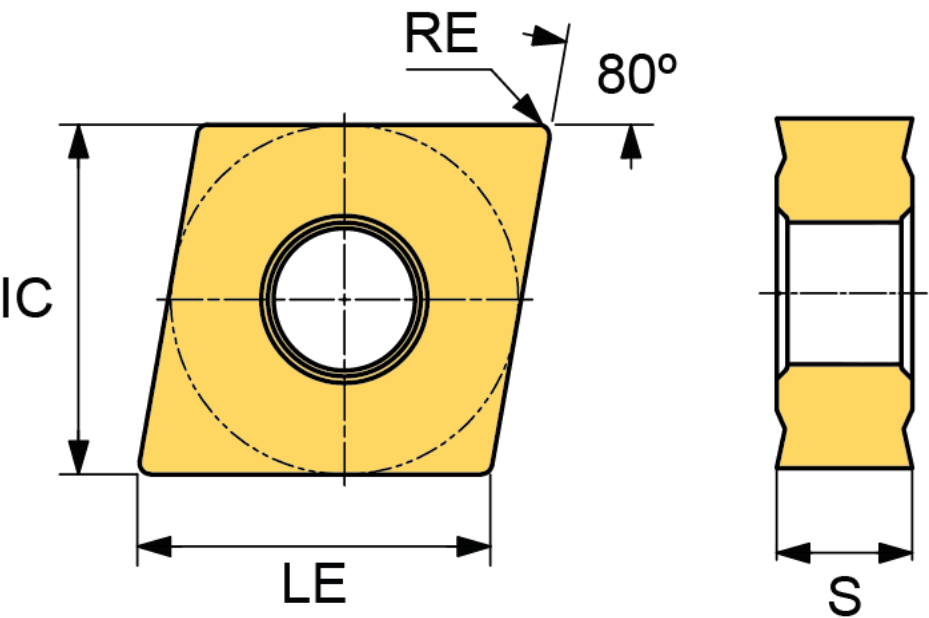
Declarations	N/A
Hazardous Area Certification	N/A
Standards Met	ISO

Stock No.	Brand	Length of Edge - LE	Inscribed Circle - IC	Thickness S	Corner Radius - RE	Feed per rev fn	Depth of cut ap
XXX-XXXX 900496	RS PRO	12	12.7	4.76	1.2	0.30 - 0.50	1.0 - 5.0

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°

Connection Diagrams / Assembly Diagrams / Illustrations / Accessories



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	●	●																	