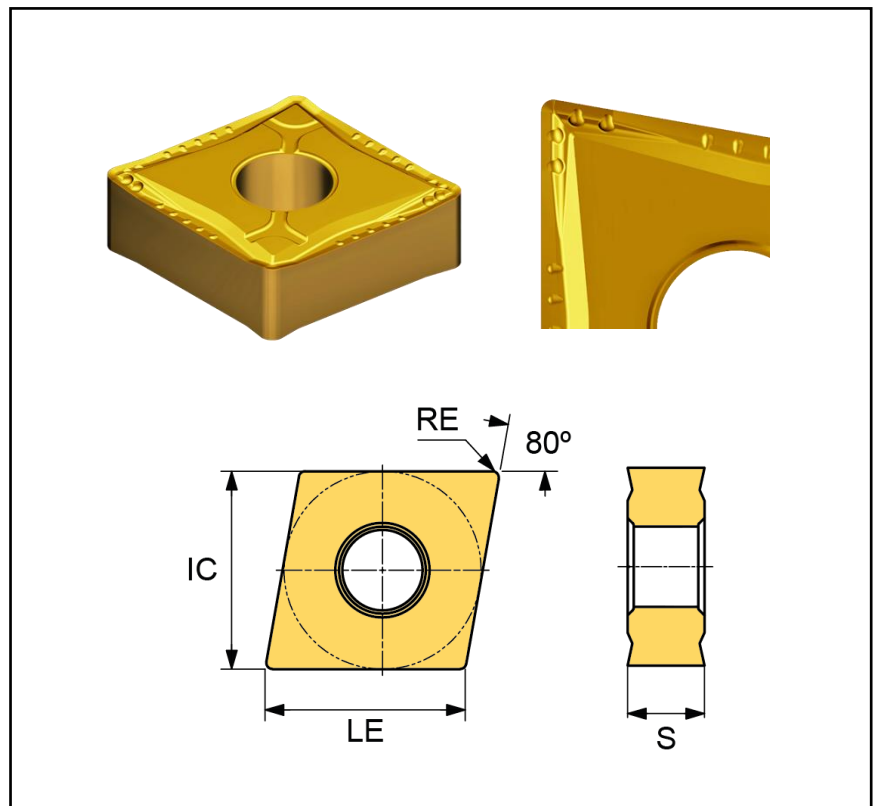


Features

- Finishing BF chipbreaker, designed for light cuts with low cutting forces and excellent surface finish.
- CNMG 80° rhombic geometry, 0° clearance, strong, stable insert suitable for external turning and facing.
- ET325C grade for ISO P steels, wear-resistant carbide grade optimised for consistent tool life in steel finishing applications.

RS PRO CNMG 120404-BF 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 120404-BF ET325C a double sided 80° rhombic carbide turning insert engineered for precision finishing on steel materials. It features a BF chipbreaker optimised for light depth cuts, producing smooth surface finished under stable cutting conditions. The ET325C grade offers a coated carbide substrate that balances edges sharpness with wear resistance for finishing applications in ISO P (steel) machining. The insert has a 0° major clearance angle and a small 0.4mm corner radius, making it ideal for fine external turning and facing operations where excellent surface quality and consistent tool life are required.

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	Finishing
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

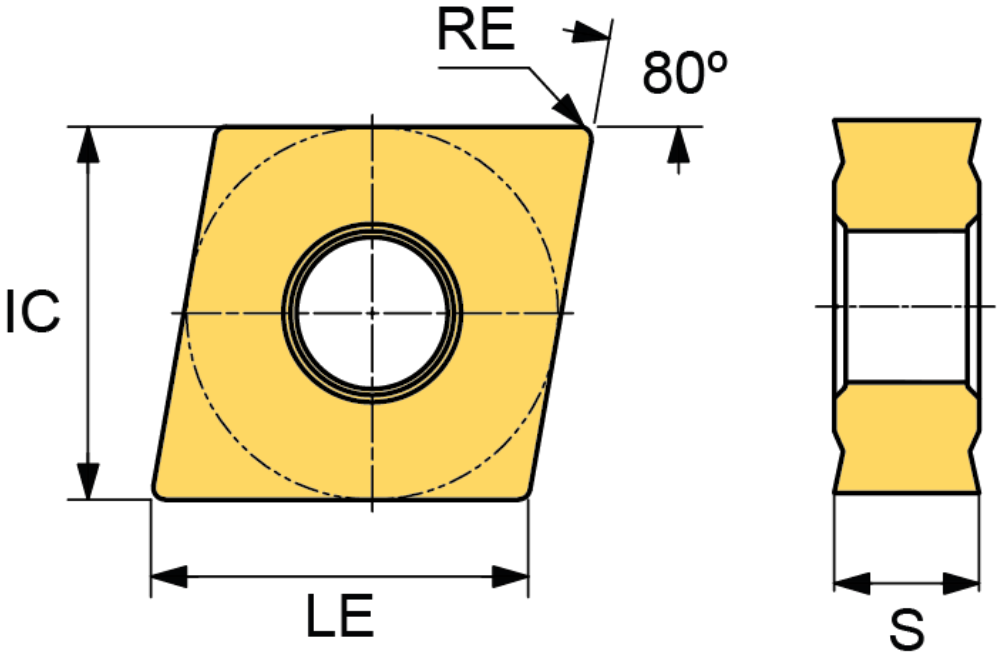
Approvals

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 900495	RS PRO	12	12.7	4.76	0.4	0.05 - 0.25	0.5 - 1.5

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	●	●																	