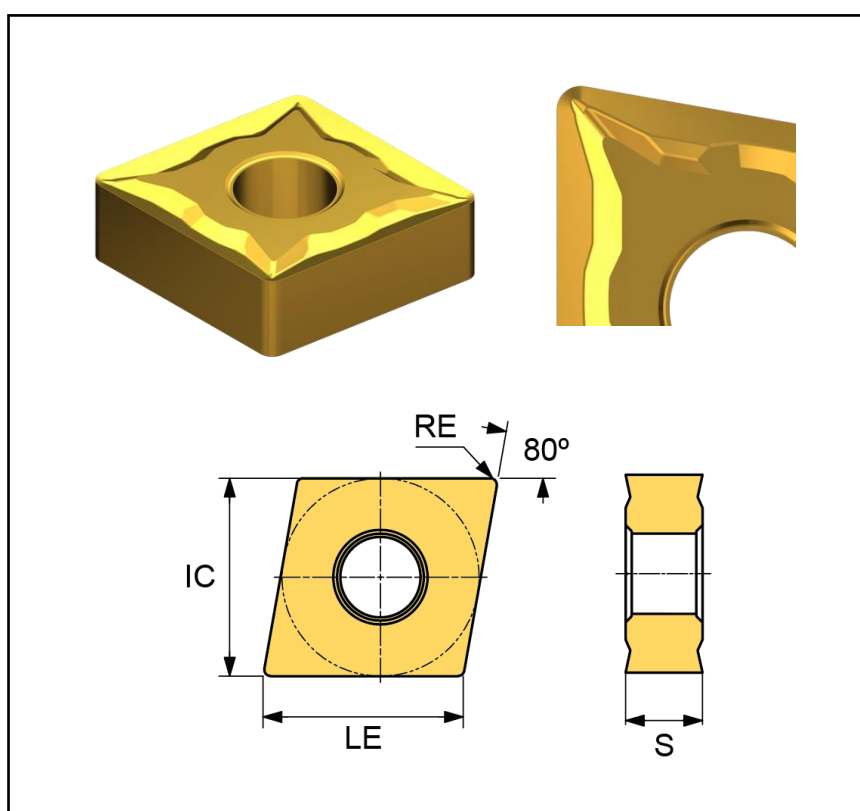


Features

- The MF chipbreaker geometry is designed for finishing, producing razor-sharp cutting edges that reduce burrs and help achieve high surface finishes on stainless steels.
- The ET225C grade uses a CVD (Chemical Vapor Deposition) coating engineered for machining stainless steels within the M15–M35 ISO range, giving a strong wear-resistant surface and thermal stability suitable for elevated cutting speeds and feeds.
- This grade is engineered for high-performance turning, supporting elevated feeds and speeds while maintaining tool life, ideal for light finishing passes in tough stainless steels.

RS PRO CNMG 120408-MF ET225C



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-MF ET225C is a high performance finishing insert designed for stainless steel applications. Featuring a CNMG 80° geometry with 0° clearance and MF chipbreaker, it delivers smooth, controllable chips and consistent surface finishes. Its ET225C CVD coated grade provides excellent wear resistance and thermal stability, supporting high performance turning while maintaining tool life. Ideal for light finishing passes, this insert ensures precision, stability, and superior surface quality in demanding operations.

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	Stainless 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

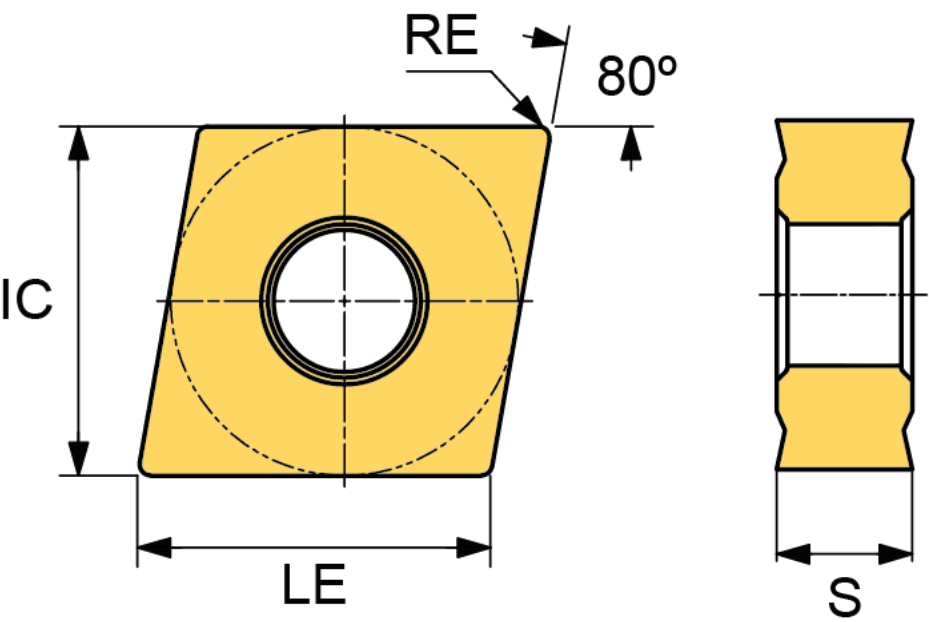
Approvals

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 900311	RS PRO	12	12.7	4.76	0.8	0.07 - 0.30	0.2 - 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																			