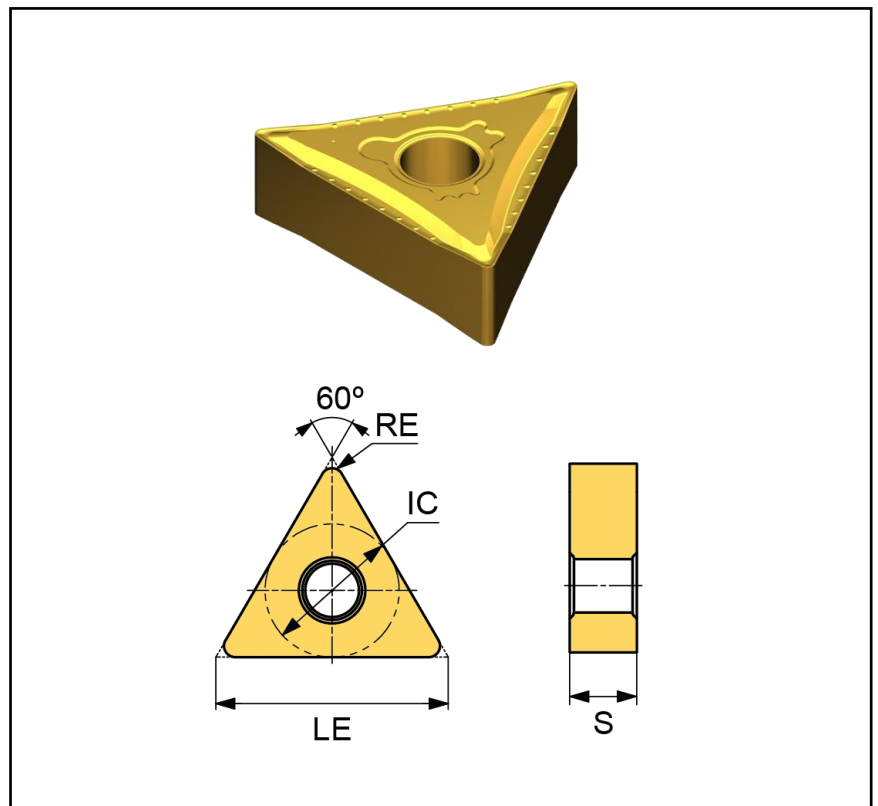


Features

- TNMG 160404-BF triangular insert (60°) with 0° clearance angle, providing a strong cutting edge and excellent stability during finishing operations.
- ISO material classification P, making it suitable for machining steel, delivering consistent performance and good surface finish.
- ET325C grade with BF chipbreaker, optimised for finishing, ensuring smooth chip control and high-quality surface results.

RS PRO TNMG 160404-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 TNMG 160404-BF ET325C is a triangular 60° negative turning insert designed for finishing applications in steel. With 0° clearance angle, it offers a strong and stable cutting edge suitable for consistent, vibration free machining. The BF chip breaker is optimised for finishing, providing smooth cutting action, effective chip control, and high quality surface finishes. Featuring the ET325C grade, this insert is engineered for high cutting speeds and excellent wear resistance, using a next generation CVD coating and advanced carbide substrate to deliver reliable performance, reduced wear, and extended tool life in demanding steel turning operations.

General Specifications

Brand	RS PRO
Material	Carbide
Product Type	Negative Turning Insert
Overall Height	15.7mm
Overall Length	15.7mm
Thickness	4.76mm
For Use With	TTJNR Tool Holder
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

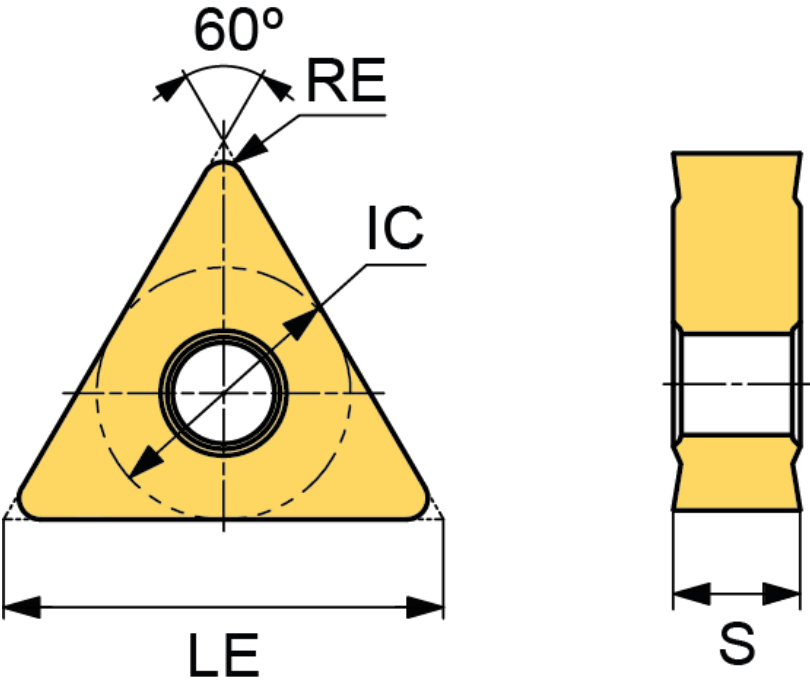
Declarations	N/A
Hazardous Area Certification	N/A
Standards Met	ISO

Stock No.	Brand	Length of Edge - LE	Inscribed Circle - IC	Thickness S	Corner Radius - RE	Feed per rev f_n	Depth of cut a_p
XXX-XXXX 900497	RS PRO	15.7	9.53	4.76	0.4	0.05 - 0.25	0.5 - 2.5

Similar Products

Stock No.	Brand	Shank Height H	Functional Height HF	Shank Width B	Functional Length LF	Functional Width WF	Cutting Angle KAPR
XXX-XXXX 900442	RS PRO	20	20	20	125	25	93°

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	●	●																	