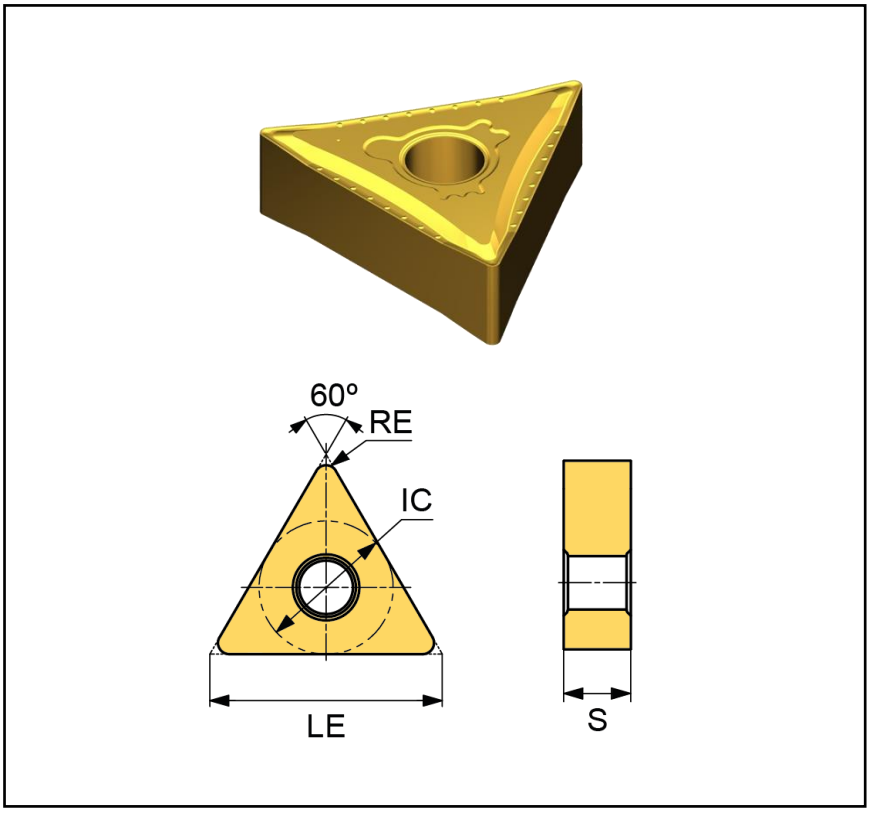
Features

- Triangular insert (60°) with 0° clearance angle, providing a strong cutting edge and excellent stability for semi-finishing to semi-roughing operations.
- BG chipbreaker geometry, designed for semi-finishing, medium and semi-roughing cuts, delivering reliable chip control and stable machining performance.
- ET325C grade for ISO P (steel), offering high wear resistance and suitability for higher cutting speeds in demanding steel turning applications.

RS PRO TNMG 160404-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 TNMG 160404-BG ET325C is a robust triangular 60° negative turning insert designed for semi-finishing, medium, and semi-roughing operations in steel. Featuring a 0° clearance angle, it provides a strong and stable cutting edge capable of handling higher cutting forces with consistent performance. The BG chipbreaker geometry ensures effective chip control and smooth material flow across a wide range of cutting conditions. Manufactured in the ET325C grade, the insert delivers high wear and support higher cutting speeds, making it reliable choice for productive and predictable steel turning applications.

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	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

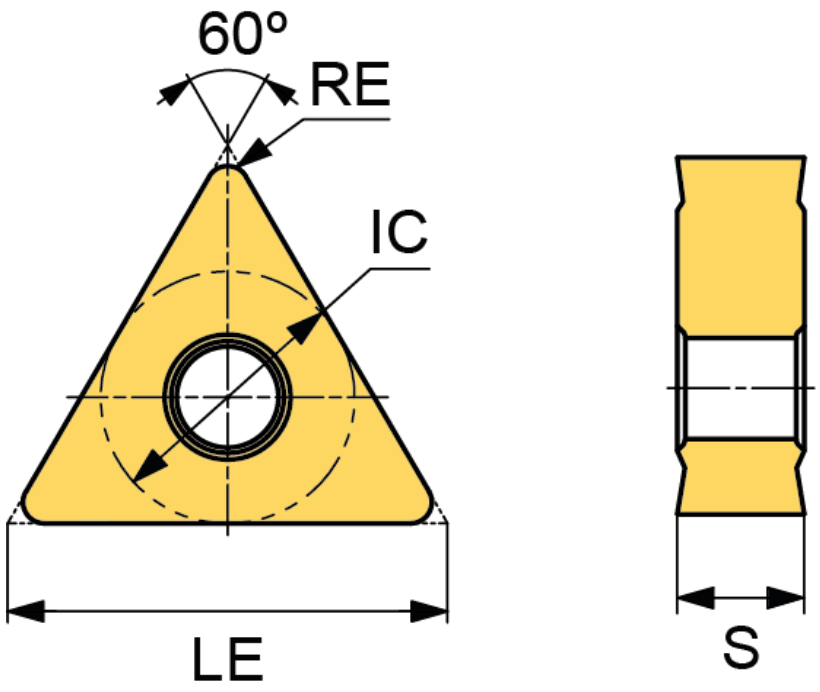
Declarations	N/A
Hazardous Area Certification	N/A
Standards Met	ISO

Stock No.	Brand	Length of Edge - **LE**	Inscribed Circle - **IC**	Thickness **S**	Corner Radius - **RE**	Feed per rev **fn**	Depth of cut **ap**
XXX-XXXX 900355	RS PRO	15.7	9.53	4.76	0.4	0.20 - 0.40	0.5 – 3.0

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	●	●																	