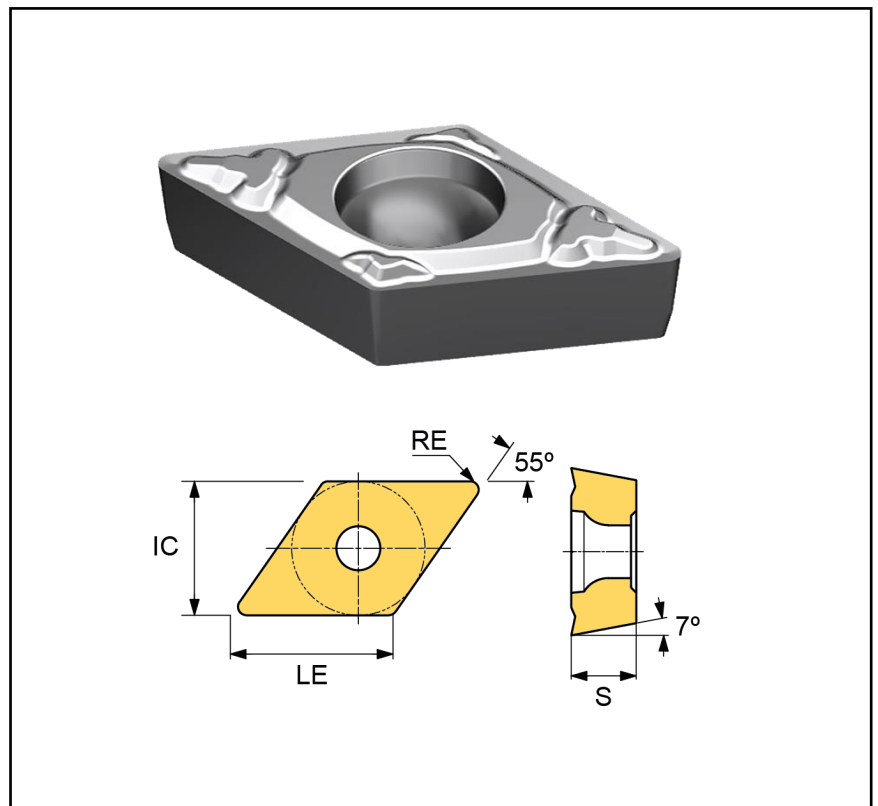


Features

- Finishing performance: DCMT 070202-PF geometry designed for excellent surface finish on ISO P & M materials (steel and stainless steel), ideal for light finishing cuts.
- Grade ET33C: Tough CVD-coated (chemical vapour deposition) grade covering P20–P35 / M20–M30, offering strong wear resistance with added toughness for stability.
- Insert design: 55° diamond (DCMT) with 7° clearance angle, suitable for interrupted cutting and heavier cuts while maintaining edge reliability.

RS PRO DCMT 070202-PF ET33C



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 DCMT 070202-PF ET33C is a turning insert designed for finishing operations in steel and stainless steel (ISO P&M) applications. Featuring a 55° diamond DCMT geometry with a 7° clearance angle, it delivers good chip control and consistent surface finish. The ET33C CVD (Chemical Vapour Deposition) coated grade covers P20-P35 and M20-30, combining wear resistance with toughness, making it suitable not only for smooth finishing but also interrupted cuts and heavier cutting conditions where edge security is critical.

General Specifications

Brand	RS PRO
Material	Carbide
Product Type	Positive Turning Insert
Approach Angle	-°
Overall Height	6.35mm
Overall Length	7.5mm
Thickness	2.38mm
For Use With	-
Number of Pieces	Pack of 10
Insert Bit Type	Finishing
Insert Application	Steel Stainless Steel

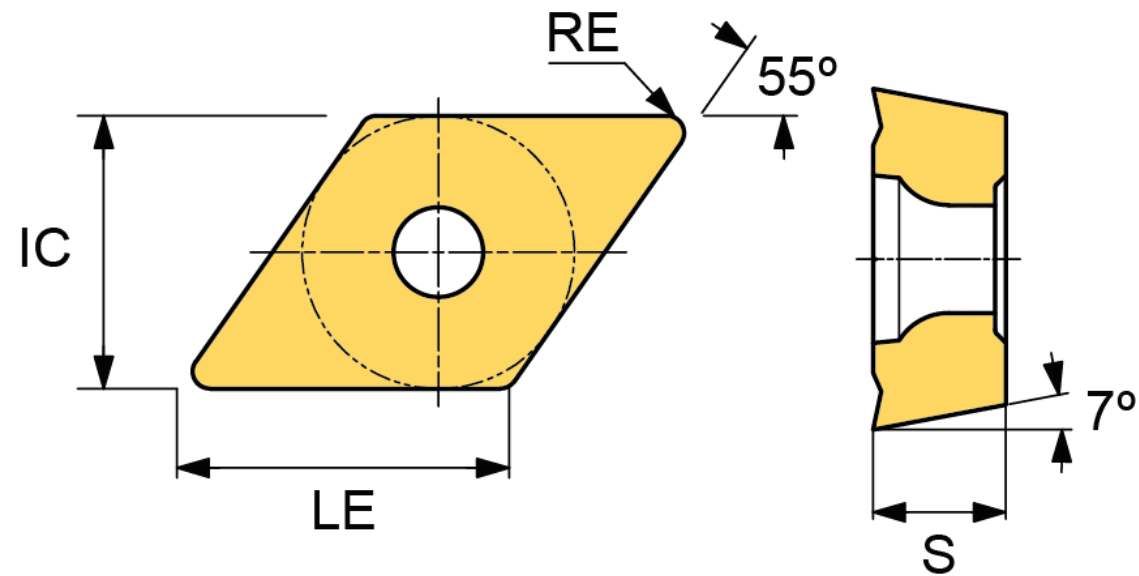
Mechanical Specifications

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 900491	RS PRO	7.5	6.35	2.38	0.2	0.05 - 0.17	0.1 - 1.5



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	○	●	●	●	●														