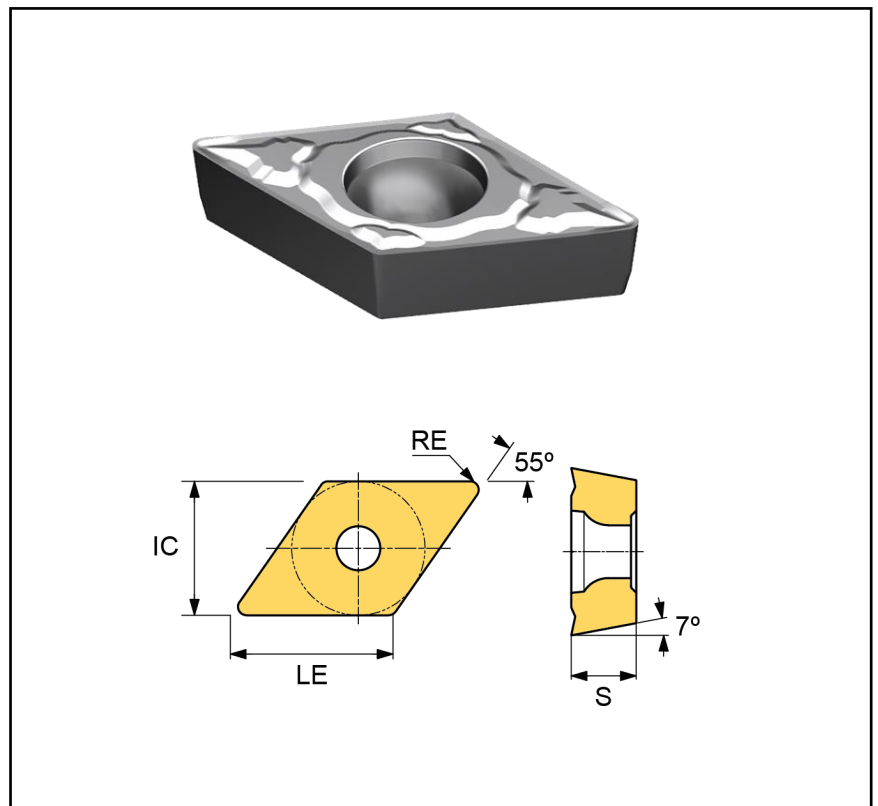


Features

- Semi-finishing, medium and semi-roughing capability: PM chipbreaker geometry designed for medium cutting conditions, balancing material removal with good surface quality.
- ET33C CVD grade: Covers ISO P & M materials (P20–P35 / M20–M30), offering a tough, wear-resistant grade suitable for stable and interrupted cuts.
- Robust insert design: 55° DCMT diamond insert with 7° clearance angle, providing reliable edge strength and consistent performance across a wide range of turning operations.

RS PRO DCMT 070204-PM 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 DCMT 070204-PM ET33C turning insert is designed for semi finishing, and semi roughing operations under medium cutting conditions. The PM chipbreaker geometry delivers effective chip control while maintaining a good balance between productivity and surface finish. Suitable for ISO P and M materials such as steel and stainless steel, the ET33C CVD coated grade provides a combination of wear resistance and toughness, making it reliable in both continuous and interrupted cuts. With a 55° DCMT diamond shape and 7° clearance angle, this offers stable cutting performance and consistent tool life across a wide range of general applications.

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

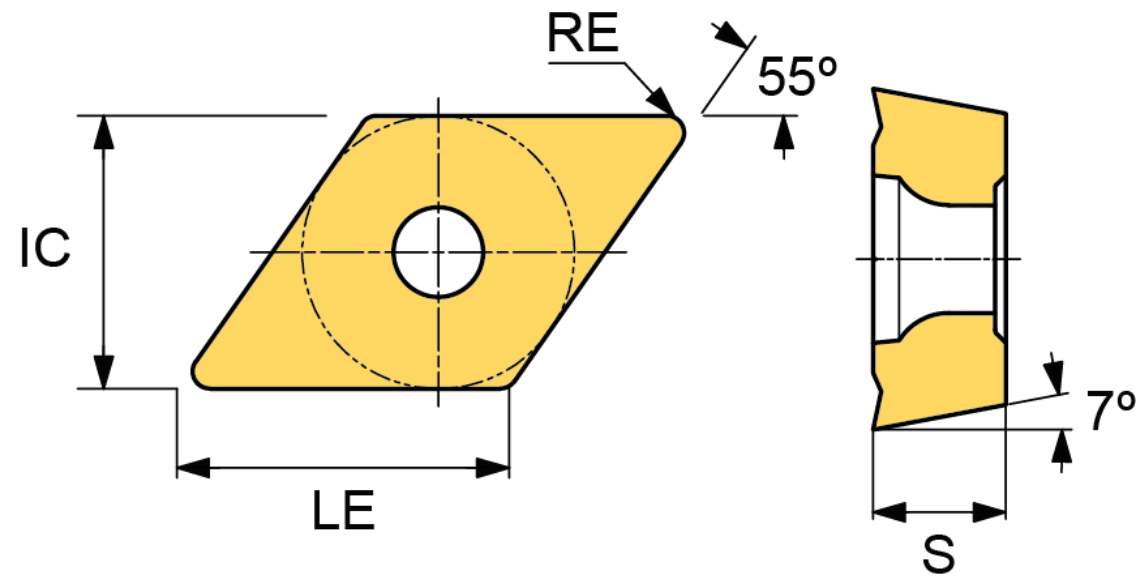
Mechanical Specifications

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 900492	RS PRO	7.5	6.35	2.38	0.4	0.06 - 0.17	0.2 - 2.0



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	○	●	●	●	●														