

Walter Prototyp Paradur® Eco Plus – the high-tech threading tool with a wide range of applications.

**NEW
2012**

DIMENSION RANGE

M: M2 - M64

MF: M6 x 0.75 – M22 x 1.5

UNC: UNC2 - UNC ³/₄

UNF: UNF4 - UNF ⁵/₈

G: G ¹/₈ - G1

THE TOOL

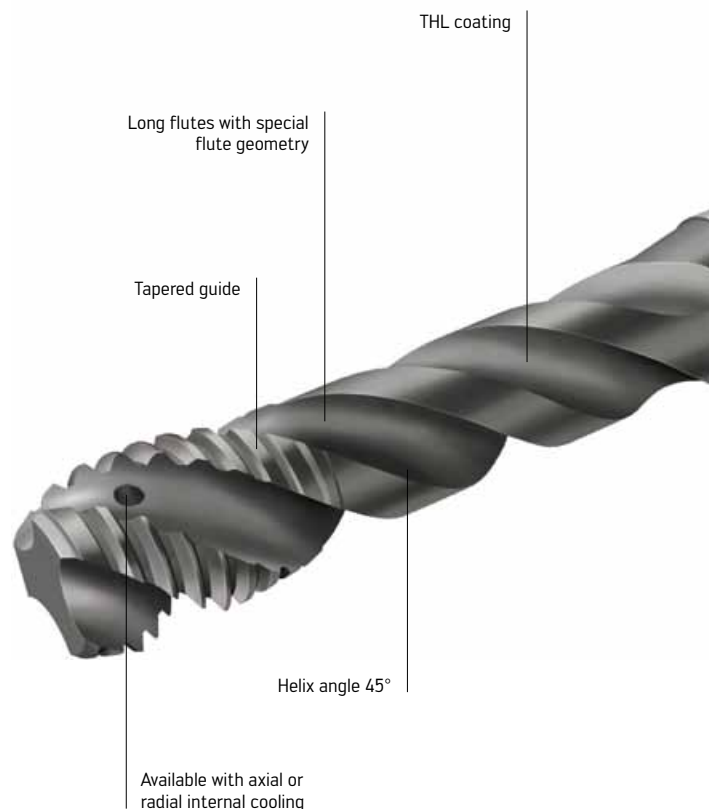
- Universal high-performance HSS-E-PM tap with a 45° helix angle and long flutes
- THL coating for an outstanding tool life
- Chamfer form C and E
- Tapered guide to prevent fractures
- TIN- and THL-coated options
- Tolerances: 6HX, 6GX, 2B and G-X
- Variants:
 - LH (left-hand thread)
 - KA (axial coolant channel)
 - KR (radial coolant channel)

THE APPLICATION

- Blind hole thread up to 3 x d
- Long-chipping materials having moderate to a higher tensile strength
- Short-chipping materials
- Abrasive materials with a tendency to weld
- Structural steel and high-strength steel (350 – 1400 N/mm²)
- Stainless steel
- Spheroidal graphite and malleable cast iron
- Short and long-chipping copper and aluminium alloys

YOUR ADVANTAGES

- A high level of process reliability due to very good chip formation
- Increased tool life and stability due to newly developed micro and thread core geometry
- Fewer tools required, since it can be applied universally to a wide range of materials
- Fewer tool changes and optimum machine output resulting from high cutting speeds and long tool life
- Reduction in lubricant costs due to the facility for dry or MQL machining with steel, cast iron and aluminium alloys



Watch product video:
Scan QR code or go directly to
<http://goo.gl/uo2jR>

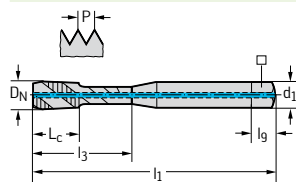
_ ORDERING INFORMATION

Paradur® Eco Plus

UNC

NEW
2012

~DIN 2184-1 2B



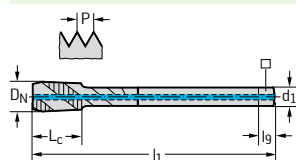
D _N -P Nom	D _N mm	l ₁ js16 mm	L _c mm	l ₃ ±1 mm	d ₁ h9 mm	□ h12 mm	l ₉ mm	N	THL designation EP2251312
1/4-20	6,35	80	10	27,3	7	5,5	8	3	-UNC1/4

Paradur® Eco Plus

UNC

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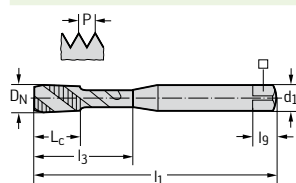
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5/16-18	7,938	90	13	-	6	4,9	8	3	-UNC5/16
3/8-16	9,525	100	15	-	7	5,5	8	3	-UNC3/8
1/2-13	12,7	110	18	-	9	7	10	4	-UNC1/2
5/8-11	15,875	110	20	-	12	9	12	4	-UNC5/8
3/4-10	19,05	125	25	-	14	11	14	4	-UNC3/4

Paradur® Eco Plus

UNF

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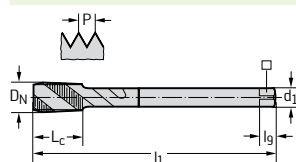
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No. 4-48	2,845	56	6	11	3,5	2,7	6	3	-UNF4
No. 6-40	3,505	56	6,5	13,1	4	3	6	3	-UNF6
No. 8-36	4,166	63	7	17,4	4,5	3,4	6	3	-UNF8
No. 10-32	4,826	70	8	20,7	6	4,9	8	3	-UNF10
1/4-28	6,35	80	10	25,9	7	5,5	8	3	-UNF1/4

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UNF

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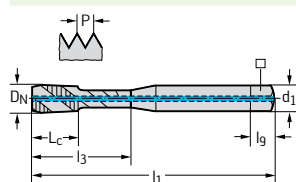
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5/16-24	7,938	90	13	-	6	4,9	8	3	-UNF5/16
3/8-24	9,525	100	15	-	7	5,5	8	3	-UNF3/8
1/2-20	12,7	100	13	-	9	7	10	4	-UNF1/2
5/8-18	15,875	100	15	-	12	9	12	4	-UNF5/8

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D _N -P Nom	D _N mm	l ₁ js16 mm	L _c mm	l ₃ ±1 mm	d ₁ h9 mm	□ h12 mm	l ₉ mm	N	THL designation EP2351312
1/4-28	6,35	80	10	25,9	7	5,5	8	3	-UNF1/4