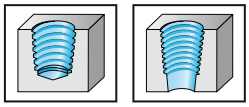
Machine tap
Paradur® H



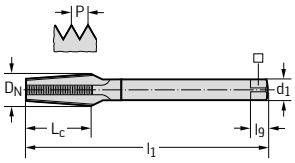
- HSS-E
- chamfer form C = 2 - 3 thread
- materials from 200 to 1000 N/mm² or 32 HRC
- for long and short-chipping materials

Rc

DIN EN 10226-2
1:16

	P	M	K	N	S	H	O
uncoated			●	●●			●

PWZ-Norm

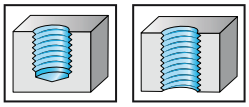


D_N Nom	Threads per inch	l_1 js16 mm	L_c mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	uncoated designation 24167
Rc 1/8	28	90	13	7	5,5	8	4	-RC1/8
Rc 1/4	19	100	20	11	9	12	4	-RC1/4
Rc 3/8	19	110	20	12	9	12	4	-RC3/8
Rc 1/2	14	125	26	16	12	15	5	-RC1/2
Rc 3/4	14	140	26	20	16	19	5	-RC3/4
Rc 1	11	150	32	25	20	23	5	-RC1
Rc 1 1/4	11	160	32	32	24	27	6	-RC1.1/4
Rc 1 1/2	11	180	32	36	29	32	6	-RC1.1/2

G 2 D 396

Machine tap
Paradur® H

≤1,5xD$_N$



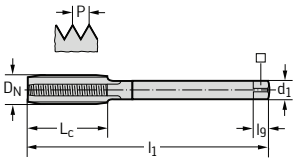
- HSS-E
- chamfer form C = 2 - 3 thread
- materials from 200 to 1000 N/mm² or 32 HRC
- for long and short-chipping materials

Rp

DIN EN 10226-1

	P	M	K	N	S	H	O
uncoated			●	●●			●

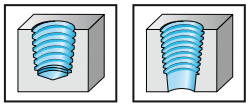
DIN 5156



D$_N$ Nom	D$_N$ mm	Threads per inch	l$_1$ js16 mm	L$_c$ mm	d$_1$ h9 mm	□ h12 mm	l$_9$ mm	N	uncoated designation 243612
Rp 1/8	9,728	28	90	20	7	5,5	8	3	-RP1/8
Rp 1/4	13,157	19	100	21	11	9	12	4	-RP1/4
Rp 3/8	16,662	19	100	21	12	9	12	4	-RP3/8
Rp 1/2	20,955	14	125	24	16	12	15	4	-RP1/2
Rp 3/4	26,441	14	140	26	20	16	19	4	-RP3/4
Rp 1	33,249	11	160	28	25	20	23	4	-RP1
Rp 1 1/2	47,803	11	190	30	36	29	32	6	-RP1.1/2

G 2 D 396

Machine tap
Paradur® H



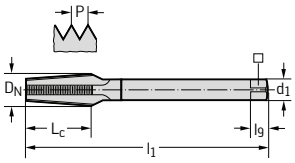
- HSS-E
- chamfer form C = 2 - 3 thread
- materials from 200 to 1000 N/mm² or 32 HRC
- for long and short-chipping materials

NPT

ASME B1.20.1
1:16

	P	M	K	N	S	H	O
uncoated			●	●●			●

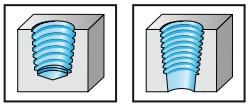
PWZ-Norm



D_N Nom	Threads per inch	l_1 js16 mm	L_c mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	uncoated designation 25167
1/16-27	27	80	14	8	6,2	9	3	-NPT1/16
1/8-27	27	90	14	11	9	12	3	-NPT1/8
1/4-18	18	100	20	14	11	14	3	-NPT1/4
3/8-18	18	110	20	16	12	15	4	-NPT3/8
1/2-14	14	125	26	18	14,5	17	4	-NPT1/2
3/4-14	14	140	26	22	18	21	5	-NPT3/4
1-11 1/2	11,5	150	31	28	22	25	5	-NPT1
1 1/4-11 1/2	11,5	160	31	32	24	27	5	-NPT1.1/4
1 1/2-11 1/2	11,5	160	31	36	29	32	6	-NPT1.1/2
2-11 1/2	11,5	180	31	45	35	38	7	-NPT2

G 2 D 396

Machine tap
Paradur® N



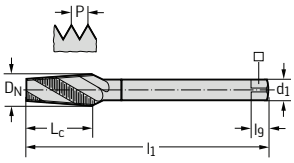
- HSS-E
- chamfer form C = 2 - 3 thread
- 15° helix angle
- materials from 200 to 1000 N/mm² or 32 HRC
- for long-chipping materials

NPT

ASME B1.20.1
1:16

	P	M	K	N	S	H	O
vap	●●		●●	●●			

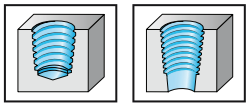
PWZ-Norm



D_N Nom	Threads per inch	l_1 js16 mm	L_c mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	VAP designation 25460
1/16-27	27	80	14	8	6,2	9	3	-NPT1/16
1/8-27	27	90	14	11	9	12	3	-NPT1/8
1/4-18	18	100	20	14	11	14	3	-NPT1/4
3/8-18	18	110	20	16	12	15	4	-NPT3/8
1/2-14	14	125	26	18	14,5	17	4	-NPT1/2
3/4-14	14	140	26	22	18	21	5	-NPT3/4
1-11 1/2	11,5	150	31	28	22	25	5	-NPT1

G 2
D 396

Machine tap
Paradur® NI



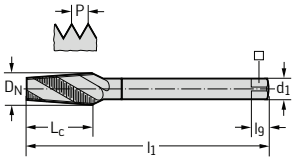
- HSS-E
- chamfer form C = 2 - 3 thread
- 15° helix angle
- materials from 700 to 1400 N/mm² or 44 HRC
- for long-chipping materials

NPT

ASME B1.20.1
1:16

	P	M	K	N	S	H	O
uncoated	●				●●		

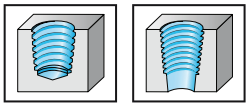
PWZ-Norm



D_N Nom	Threads per inch	l_1 js16 mm	L_c mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	uncoated designation 25467
1/16-27	27	80	14	8	6,2	9	3	-NPT1/16
1/8-27	27	90	14	11	9	12	4	-NPT1/8
1/4-18	18	100	20	14	11	14	4	-NPT1/4
3/8-18	18	110	20	16	12	15	5	-NPT3/8
1/2-14	14	125	26	18	14,5	17	5	-NPT1/2
3/4-14	14	140	26	22	18	21	5	-NPT3/4
1-11 1/2	11,5	150	31	28	22	25	5	-NPT1

G 2 D 396

Machine tap
Paradur Inox® 40



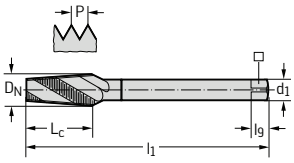
- HSS-E
- chamfer form C = 2 - 3 thread
- 40° helix angle
- materials from 350 to 1200 N/mm² or 36 HRC
- for long-chipping materials

NPT

ASME B1.20.1
1:16

	P	M	K	N	S	H	O
uncoated	●●	●●	●	●			

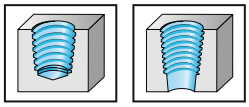
PWZ-Norm



D_N Nom	Threads per inch	l_1 js16 mm	L_c mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	uncoated designation 255630
1/8-27	27	90	14	11	9	12	3	-NPT1/8
1/4-18	18	100	20	14	11	14	3	-NPT1/4
3/8-18	18	110	20	16	12	15	4	-NPT3/8
1/2-14	14	125	26	18	14,5	17	4	-NPT1/2

G 2
D 396

Machine tap
Paradur Inox®



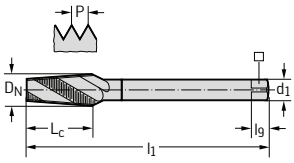
- HSS-E
- chamfer form C = 2 - 3 thread
- 30° helix angle
- materials from 350 to 1200 N/mm² or 36 HRC
- for long-chipping materials

NPT

ASME B1.20.1
1:16

	P	M	K	N	S	H	O
vap	●●	●●	●				
THL	●●	●●	●				

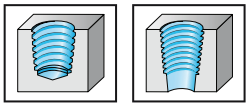
PWZ-Norm



D_N Nom	Threads per inch	l_1 js16 mm	L_c mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	VAP designation 25567	THL designation 2556702
1/16-27	27	80	14	8	6,2	9	3	-NPT1/16	
1/8-27	27	90	14	11	9	12	4	-NPT1/8	-NPT1/8
1/4-18	18	100	20	14	11	14	4	-NPT1/4	-NPT1/4
3/8-18	18	110	20	16	12	15	5	-NPT3/8	-NPT3/8
1/2-14	14	125	26	18	14,5	17	5	-NPT1/2	-NPT1/2
3/4-14	14	140	26	22	18	21	5	-NPT3/4	
1-11 1/2	11,5	150	31	28	22	25	5	-NPT1	

G 2 D 396

Machine tap
Paradur® H



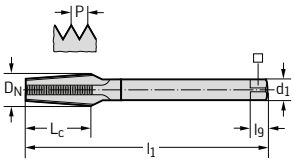
- HSS-E
- chamfer form C = 2 - 3 thread
- materials from 200 to 1000 N/mm² or 32 HRC
- for long and short-chipping materials

NPTF

ASME B1.20.3
1:16

	P	M	K	N	S	H	O
uncoated			●	●●			●

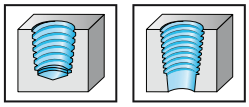
PWZ-Norm



D_N Nom	Threads per inch	l_1 js16 mm	L_c mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	uncoated designation 26167
1/16-27	27	80	14	8	6,2	9	3	-NPTF1/16
1/8 -27	27	90	14	11	9	12	3	-NPTF1/8
1/4 -18	18	100	20	14	11	14	3	-NPTF1/4
3/8 -18	18	110	20	16	12	15	4	-NPTF3/8
1/2 -14	14	125	26	18	14,5	17	4	-NPTF1/2
3/4-14	14	140	26	22	18	21	5	-NPTF3/4
1-11 1/2	11,5	150	31	28	22	25	5	-NPTF1

G 2
D 396

Machine tap
Paradur® N



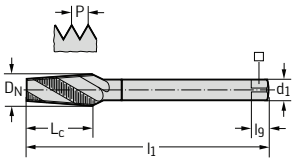
- HSS-E
- chamfer form C = 2 - 3 thread
- 15° helix angle
- materials from 200 to 1000 N/mm² or 32 HRC
- for long-chipping materials

NPTF

ASME B1.20.3
1:16

	P	M	K	N	S	H	O
vap	●●		●●	●●			

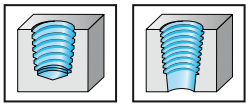
PWZ-Norm



D_N Nom	Threads per inch	l_1 js16 mm	L_c mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	VAP designation 26460
1/16-27	27	80	14	8	6,2	9	3	-NPTF1/16
1/8-27	27	90	14	11	9	12	3	-NPTF1/8
1/4-18	18	100	20	14	11	14	3	-NPTF1/4
3/8-18	18	110	20	16	12	15	4	-NPTF3/8
1/2-14	14	125	26	18	14,5	17	4	-NPTF1/2
3/4-14	14	140	26	22	18	21	5	-NPTF3/4

G 2
D 396

Machine tap
Paradur Inox®



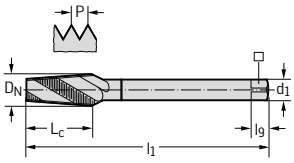
- HSS-E
- chamfer form C = 2 - 3 thread
- 30° helix angle
- materials from 350 to 1200 N/mm² or 36 HRC
- for long-chipping materials

NPTF

ASME B1.20.3
1:16

	P	M	K	N	S	H	O
vap	●●	●●	●				

PWZ-Norm

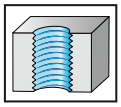


D_N Nom	Threads per inch	l_1 js16 mm	L_c mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	VAP designation 26567
1/16-27	27	80	14	8	6,2	9	3	-NPTF1/16
1/8-27	27	90	14	11	9	12	4	-NPTF1/8
1/4-18	18	100	20	14	11	14	4	-NPTF1/4
1/2-14	14	125	26	18	14,5	17	5	-NPTF1/2

G 2 D 396

Short machine tap
KMB H

≤3xD$_N$



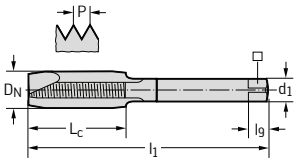
- HSS-E
- overall length S = short
- chamfer form B = 3.5 - 5 thread
- materials from 200 to 1000 N/mm² or 32 HRC
- for long-chipping materials

Pg

DIN 40430

	P	M	K	N	S	H	O
uncoated	●●		●●	●●			●

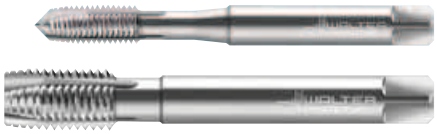
DIN 40 432



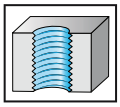
D$_N$ Nom	D$_N$ mm	Threads per inch	l$_1$ js16 mm	L$_c$ mm	d$_1$ h9 mm	□ h12 mm	l$_9$ mm	N	uncoated designation 27160
Pg 7	12,5	20	70	20	9	7	10	4	-PG7
Pg 9	15,2	18	70	20	12	9	12	4	-PG9
Pg 11	18,6	18	80	22	14	11	14	4	-PG11
Pg 13,5	20,4	18	80	22	16	12	15	4	-PG13.5
Pg 16	22,5	18	80	22	18	14,5	17	4	-PG16
Pg 21	28,3	16	90	22	22	18	21	4	-PG21

G 2 D 396

Machine tap
Prototex® / Prototex® H



≤3xD_N



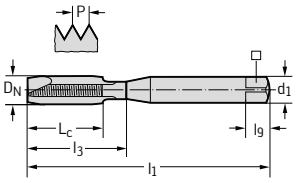
- HSS-E
- chamfer form B = 3.5 - 5 thread
- materials from 200 to 700 N/mm² or 14 HRC
- for long-chipping materials

BSW

BS84

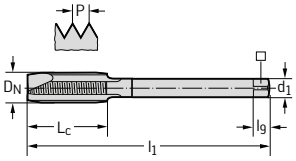
	P	M	K	N	S	H	O
uncoated	●●		●●	●●			●

DIN 2184-1 mc



D_N Nom	D_N mm	Threads per inch	l_1 js16 mm	L_c mm	l_3 ±1 mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	uncoated designation 28210
1/8-40	3,175	40	56	10	18	3,5	2,7	6	2	-BSW1/8
3/16-24	4,763	24	70	13	25	6	4,9	8	2	-BSW3/16
1/4-20	6,35	20	80	15	30	7	5,5	8	3	-BSW1/4
5/16-18	7,938	18	90	18	35	8	6,2	9	3	-BSW5/16
3/8-16	9,525	16	100	20	39	10	8	11	3	-BSW3/8

DIN 2184-1 mc

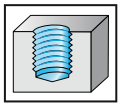


D_N Nom	D_N mm	Threads per inch	l_1 js16 mm	L_c mm	l_3 ±1 mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	uncoated designation 28360
7/16-14	11,113	14	100	20	-	8	6,2	9	3	-BSW7/16
1/2-12	12,7	12	110	23	-	9	7	10	3	-BSW1/2
5/8-11	15,875	11	110	25	-	12	9	12	3	-BSW5/8
3/4-10	19,05	10	125	30	-	14	11	14	4	-BSW3/4
1-8	25,4	8	160	36	-	18	14,5	17	4	-BSW1
7/8-9	22,225	9	140	30	-	18	14,5	17	4	-BSW7/8

G 2 D 396

Machine tap
Paradur® WSH

≤3xD_N



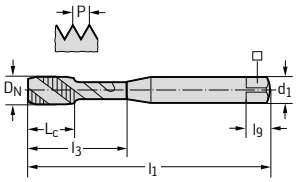
- HSS-E
- chamfer form C = 2 - 3 thread
- 45° helix angle
- materials from 200 to 1000 N/mm² or 32 HRC
- for long-chipping materials

BSW

BS84

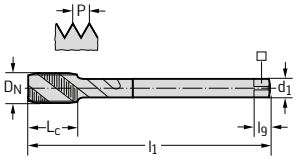
	P	M	K	N	S	H	O
uncoated	●●		●	●			

DIN 2184-1 mc



D_N Nom	D_N mm	Threads per inch	l_1 js16 mm	L_c mm	l_3 ±1 mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	uncoated designation 28517
1/8-40	3,175	40	56	6	18	3,5	2,7	6	3	-BSW1/8
3/16-24	4,763	24	70	8	25	6	4,9	8	3	-BSW3/16
1/4-20	6,35	20	80	10	30	7	5,5	8	3	-BSW1/4
5/16-18	7,938	18	90	12	35	8	6,2	9	3	-BSW5/16
3/8-16	9,525	16	100	15	39	10	8	11	3	-BSW3/8

DIN 2184-1 mc

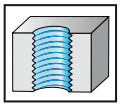


D_N Nom	D_N mm	Threads per inch	l_1 js16 mm	L_c mm	l_3 ±1 mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	uncoated designation 28567
7/16-14	11,113	14	100	15	-	8	6,2	9	3	-BSW7/16
1/2-12	12,7	12	110	18	-	9	7	10	3	-BSW1/2
5/8-11	15,875	11	110	20	-	12	9	12	4	-BSW5/8
3/4-10	19,05	10	125	25	-	14	11	14	4	-BSW3/4
1-8	25,4	8	160	30	-	18	14,5	17	4	-BSW1
7/8-9	22,225	9	140	25	-	18	14,5	17	4	-BSW7/8

G 2 D 396

Trapezoidal cut tap
TMB

≤2xD_N



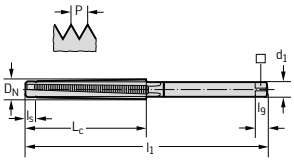
- HSS-E
- chamfer 24 x P
- 5° left-hand spiral
- materials from 200 to 900 N/mm² or 28 HRC
- for long and short-chipping materials

Tr

DIN 103

	P	M	K	N	S	H	O
uncoated	●●		●●	●●			●

PWZ-Norm 7H

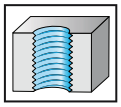


D_N	l_1 js16 mm	L_c mm	l_s mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	uncoated designation 29100
Tr 8	90	45	6	6	4,9	8	3	-TR8X1.5
Tr 10	135	60	7	7	5,5	8	3	-TR10X2
Tr 10	145	90	8	7	5,5	8	3	-TR10X3
Tr 12	175	90	8	8	6,2	9	3	-TR12X3
Tr 14	180	90	9	10	8	11	3	-TR14X3
Tr 14	215	120	10	10	8	11	3	-TR14X4
Tr 16	220	120	10	11	9	12	3	-TR16X4
Tr 18	225	120	12	12	9	12	3	-TR18X4
Tr 20	230	120	12	14	11	14	3	-TR20X4
Tr 22	265	150	15	16	12	15	3	-TR22X5
Tr 24	275	150	15	18	14,5	17	3	-TR24X5
Tr 28	285	150	18	22	18	21	3	-TR28X5
Tr 26	295	150	18	20	16	19	3	-TR26X5
Tr 30	320	180	21	22	18	21	4	-TR30X6

G 2 D 396

Trapezoidal cut tap
TMB

≤2xD_N



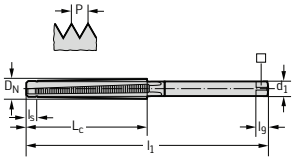
- HSS-E
- chamfer 24 x P
- 5° right-hand helix
- left-hand thread
- materials from 200 to 900 N/mm² or 28 HRC
- for long and short-chipping materials

Tr

DIN 103

	P	M	K	N	S	H	O
uncoated	●●		●●	●●			●

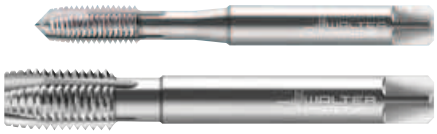
PWZ-Norm 7H



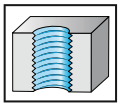
D_N	l_1 js16 mm	L_c mm	l_s mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	uncoated designation 29900
Tr 10 LH	135	60	7	7	5,5	8	3	-TR10X2
Tr 12 LH	175	90	8	8	6,2	9	3	-TR12X3
Tr 14 LH	215	120	10	10	8	11	3	-TR14X4
Tr 16 LH	220	120	10	11	9	12	3	-TR16X4
Tr 18 LH	225	120	12	12	9	12	3	-TR18X4
Tr 20 LH	230	120	12	14	11	14	3	-TR20X4
Tr 22 LH	265	150	15	16	12	15	3	-TR22X5
Tr 24 LH	275	150	15	18	14,5	17	3	-TR24X5
Tr 28 LH	285	150	18	22	18	21	3	-TR28X5
Tr 26 LH	295	150	18	20	16	19	3	-TR26X5
Tr 30 LH	320	180	21	22	18	21	4	-TR30X6

G 2 D 396

Machine tap
Prototex® H Insert



≤3xD_N



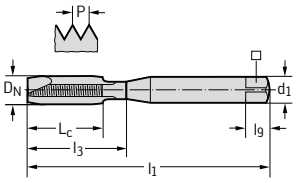
- HSS-E
- chamfer form B = 3.5 - 5 thread
- materials from 200 to 1000 N/mm² or 32 HRC
- for long-chipping materials

EgM

DIN 8140

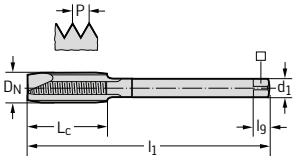
	P	M	K	N	S	H	O
uncoated	●●		●	●●			●

DIN 40 435 6H mod



D_N Nom	P mm	l_1 js16 mm	L_c mm	l_3 ±1 mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	uncoated designation 203031
EG M 2,5	0,45	56	9	18	3,5	2,7	6	3	-EGM2.5
EG M 3	0,5	63	12	21	4,5	3,4	6	3	-EGM3
EG M 3,5	0,6	70	13	25	6	4,9	8	3	-EGM3.5
EG M 4	0,7	70	13	25	6	4,9	8	3	-EGM4
EG M 5	0,8	80	15	30	6	4,9	8	3	-EGM5
EG M 6	1	90	18	35	8	6,2	9	3	-EGM6
EG M 8	1,25	100	20	39	10	8	11	3	-EGM8

DIN 40 435 6H mod

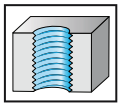


D_N Nom	P mm	l_1 js16 mm	L_c mm	l_3 ±1 mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	uncoated designation 203531
EG M 10	1,5	100	21	-	9	7	10	3	-EGM10
EG M 12	1,75	110	25	-	11	9	12	3	-EGM12
EG M 14	2	110	25	-	12	9	12	3	-EGM14
EG M 16	2	125	30	-	14	11	14	4	-EGM16

G 2 D 396

Machine tap
Prototex Inox® Insert

≤3xD$_N$



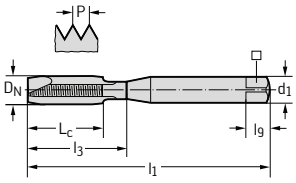
- HSS-E
- chamfer form B = 3.5 - 5 thread
- materials from 350 to 1200 N/mm² or 36 HRC
- for long-chipping materials

EgM

DIN 8140

	P	M	K	N	S	H	O
vap	●●	●●					

DIN 40 435 6H mod

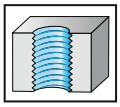


D$_N$ Nom	P mm	l$_1$ js16 mm	L$_c$ mm	l$_3$ ±1 mm	d$_1$ h9 mm	□ h12 mm	l$_9$ mm	N	VAP designation 203039
EG M 2,5	0,45	56	9	18	3,5	2,7	6	2	-EGM2.5
EG M 3	0,5	63	12	21	4,5	3,4	6	2	-EGM3
EG M 4	0,7	70	13	25	6	4,9	8	3	-EGM4
EG M 5	0,8	80	15	30	6	4,9	8	3	-EGM5
EG M 6	1	90	18	35	8	6,2	9	3	-EGM6
EG M 8	1,25	100	20	39	10	8	11	3	-EGM8

G 2 D 396

Machine tap
Prototex® TiNi Insert

≤2xD_N



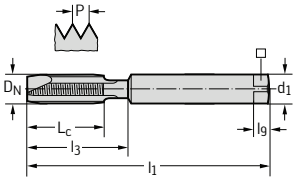
- HSS-E-PM
- chamfer form B = 3.5 - 5 thread
- materials from 700 to 1400 N/mm² or 44 HRC
- for long-chipping materials

EgM

LN 9499

	P	M	K	N	S	H	O
uncoated	●●	●●		●	●●		

~DIN 40 435 4H



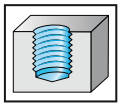
D_N Nom	P mm	l_1 js16 mm	L_c mm	l_3 ±1 mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	uncoated designation 20207
EG M 4	0,7	70	16	-	6	4,9	8	3	-EGM4[1]
EG M 5	0,8	80	15	23	6	4,9	8	3	-EGM5
EG M 6	1	90	18	29	8	6,2	9	3	-EGM6
EG M 8	1,25	100	20	33	10	8	11	3	-EGM8

[1]without neck

G 2 D 396

Machine tap
Paradur® WSH Insert

≤3xD_N



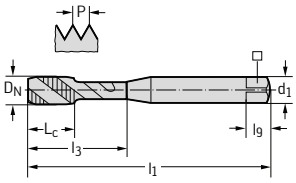
- HSS-E
- chamfer form C = 2 - 3 thread
- 45° helix angle
- materials from 200 to 1000 N/mm² or 32 HRC
- for long-chipping materials

EgM

DIN 8140

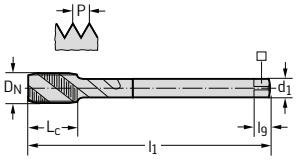
	P	M	K	N	S	H	O
uncoated	●●		●				

DIN 40 435 6H mod



D_N Nom	P mm	l_1 js16 mm	L_c mm	l_3 ±1 mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	uncoated designation 205051
EG M 2,5	0,45	56	6	18	3,5	2,7	6	3	-EGM2.5
EG M 3	0,5	63	7	21	4,5	3,4	6	3	-EGM3
EG M 4	0,7	70	8	25	6	4,9	8	3	-EGM4
EG M 5	0,8	80	10	30	6	4,9	8	3	-EGM5
EG M 6	1	90	12	35	8	6,2	9	3	-EGM6
EG M 8	1,25	100	15	39	10	8	11	3	-EGM8

DIN 40 435 6H mod

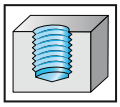


D_N Nom	P mm	l_1 js16 mm	L_c mm	l_3 ±1 mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	uncoated designation 205551
EG M 10	1,5	100	13	-	9	7	10	4	-EGM10
EG M 12	1,75	110	20	-	11	9	12	4	-EGM12
EG M 14	2	110	20	-	12	9	12	4	-EGM14
EG M 16	2	125	25	-	14	11	14	4	-EGM16
EG M 20	2,5	160	25	-	18	14,5	17	4	-EGM20
EG M 24	3	160	30	-	20	16	19	4	-EGM24

G 2 D 396

Machine tap
Paradur Inox® 50 Insert

≤3xD_N



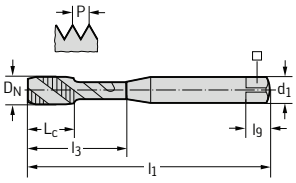
- HSS-E
- chamfer form C = 2 - 3 thread
- 50° helix angle
- materials from 350 to 1200 N/mm² or 36 HRC
- for long-chipping materials

EgM

DIN 8140

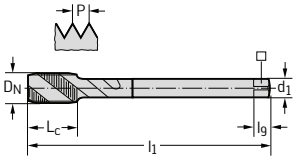
	P	M	K	N	S	H	O
vap	●●	●●					

DIN 40 435 6H mod



D_N Nom	P mm	l_1 js16 mm	L_c mm	l_3 ±1 mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	VAP designation 205059
EG M 2,5	0,45	56	6	18	3,5	2,7	6	3	-EGM2.5
EG M 3	0,5	63	7	21	4,5	3,4	6	3	-EGM3
EG M 4	0,7	70	8	25	6	4,9	8	3	-EGM4
EG M 5	0,8	80	10	30	6	4,9	8	3	-EGM5
EG M 6	1	90	12	35	8	6,2	9	3	-EGM6
EG M 8	1,25	100	15	39	10	8	11	3	-EGM8

DIN 40 435 6H mod

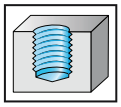


D_N Nom	P mm	l_1 js16 mm	L_c mm	l_3 ±1 mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	VAP designation 205559
EG M 10	1,5	100	13	-	9	7	10	4	-EGM10
EG M 12	1,75	110	20	-	11	9	12	4	-EGM12
EG M 14	2	110	20	-	12	9	12	4	-EGM14
EG M 16	2	125	25	-	14	11	14	4	-EGM16

G 2 D 396

Machine tap
Paradur® WLM Insert

≤3xD_N



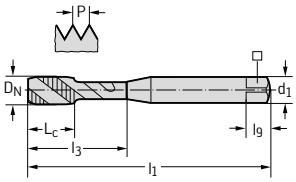
- HSS-E
- chamfer form C = 2 - 3 thread
- 35° helix angle
- materials from 200 to 700 N/mm² or 14 HRC
- for long-chipping materials

EgM

DIN 8140

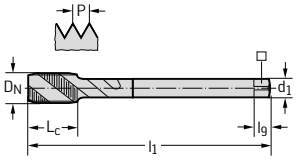
	P	M	K	N	S	H	O
uncoated				●●	●●		●●

DIN 40 435 6H mod



D_N Nom	P mm	l_1 js16 mm	L_c mm	l_3 ±1 mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	uncoated designation 20505
EG M 2,5	0,45	56	6	18	3,5	2,7	6	2	-EGM2.5
EG M 3	0,5	63	7	21	4,5	3,4	6	2	-EGM3
EG M 4	0,7	70	8	25	6	4,9	8	2	-EGM4
EG M 5	0,8	80	10	30	6	4,9	8	3	-EGM5
EG M 6	1	90	12	35	8	6,2	9	3	-EGM6
EG M 8	1,25	100	15	39	10	8	11	3	-EGM8

DIN 40 435 6H mod

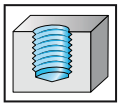


D_N Nom	P mm	l_1 js16 mm	L_c mm	l_3 ±1 mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	uncoated designation 20555
EG M 10	1,5	100	13	-	9	7	10	3	-EGM10
EG M 12	1,75	110	20	-	11	9	12	3	-EGM12
EG M 16	2	125	25	-	14	11	14	4	-EGM16

G 2 D 396

Machine tap
Paradur® NI Insert

≤1,5xD$_N$



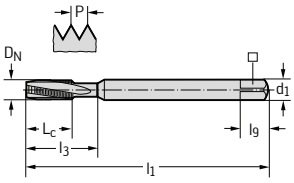
- HSS-E-PM
- chamfer form C = 2 - 3 thread
- 25° helix angle
- materials from 700 to 1400 N/mm² or 44 HRC
- for long-chipping materials

EgM

LN 9499

	P	M	K	N	S	H	O
uncoated	●●		●●	●	●		

~DIN 40 435 4H



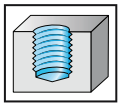
D$_N$ Nom	P mm	l$_1$ js16 mm	L$_c$ mm	l$_3$ ±1 mm	d$_1$ h9 mm	□ h12 mm	l$_9$ mm	N	uncoated designation 204089
EG M 4	0,7	70	16	-	6	4,9	8	3	-EGM4[1]
EG M 5	0,8	80	15	23	6	4,9	8	3	-EGM5
EG M 6	1	90	18	29	8	6,2	9	3	-EGM6
EG M 8	1,25	100	20	33,5	10	8	11	4	-EGM8

[1]without neck

G 2 D 396

Machine tap
Paradur® TI Insert

≤2xD_N



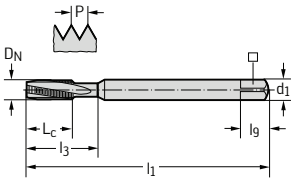
- HSS-E-PM
- chamfer form C = 2 - 3 thread
- 15° helix angle
- materials from 700 to 1400 N/mm² or 44 HRC
- for long-chipping materials

EgM

LN 9499

	P	M	K	N	S	H	O
uncoated	●●			●	●●		

~DIN 40 435 4H



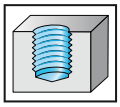
D_N Nom	P mm	l_1 js16 mm	L_c mm	l_3 ±1 mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	uncoated designation 204069
EG M 4	0,7	70	16	-	6	4,9	8	3	-EGM4[1]
EG M 5	0,8	80	15	23	6	4,9	8	3	-EGM5
EG M 6	1	90	18	29	8	6,2	9	3	-EGM6
EG M 8	1,25	100	20	33,5	10	8	11	3	-EGM8

[1]without neck

G 2 D 396

Machine tap
Paradur® WSH Insert

≤3xD_N



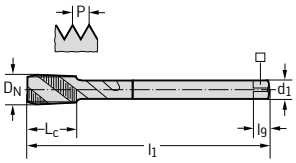
- HSS-E
- chamfer form C = 2 - 3 thread
- 45° helix angle
- materials from 200 to 1000 N/mm² or 32 HRC
- for long-chipping materials

EgMF

DIN 8140

	P	M	K	N	S	H	O
uncoated	●●		●				

DIN 40 435 6H mod

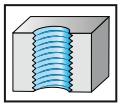


D_N Nom	P mm	l_1 js16 mm	L_c mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	uncoated designation 215551
EG M 8	1	90	12	7	5,5	8	3	-EGM8X1
EG M 10	1	100	13	9	7	10	3	-EGM10X1
EG M 12	1,5	100	15	11	9	12	4	-EGM12X1.5
EG M 14	1,5	100	15	12	9	12	4	-EGM14X1.5
EG M 16	1,5	110	17	14	11	14	4	-EGM16X1.5

G 2 D 396

Machine tap
Prototex® H Insert

≤3xD_N



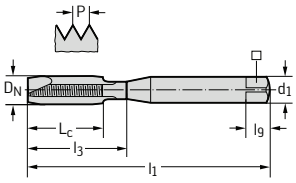
- HSS-E
- chamfer form B = 3.5 - 5 thread
- materials from 200 to 1000 N/mm² or 32 HRC
- for long-chipping materials

EgUNC

NASM 33537

	P	M	K	N	S	H	O
uncoated	●●		●	●●			●

DIN 2184-1 3B

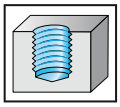


D_N-P Nom	D_N mm	l_1 js16 mm	L_c mm	l_3 ±1 mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	uncoated designation 223031
EG no. 6-32	4,536	70	13	25	6	4,9	8	3	-EGUNC6
EG no. 8-32	5,197	80	15	30	6	4,9	8	3	-EGUNC8
EG no. 10-24	6,201	80	15	30	7	5,5	8	3	-EGUNC10
EG 1/4-20	8	90	18	35	8	6,2	9	3	-EGUNC1/4

G 2 D 396

Machine tap
Paradur® WSH Insert

≤3xD_N



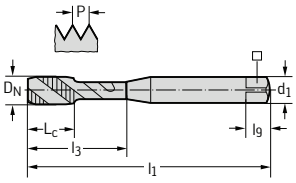
- HSS-E
- chamfer form C = 2 - 3 thread
- 45° helix angle
- materials from 200 to 1000 N/mm² or 32 HRC
- for long-chipping materials

EgUNC

NASM 33537

	P	M	K	N	S	H	O
uncoated	●●		●				

DIN 2184-1 3B

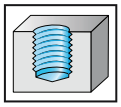


D_N-P Nom	D_N mm	l_1 js16 mm	L_c mm	l_3 ±1 mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	uncoated designation 225051
EG Nr. 6-32	4,536	70	8	25	6	4,9	8	3	-EGUNC6
EG Nr. 8-32	5,197	80	10	30	6	4,9	8	3	-EGUNC8
EG Nr.10-24	6,201	80	10	30	7	5,5	8	3	-EGUNC10
EG 1/4-20	8	90	12	35	8	6,2	9	3	-EGUNC1/4

G 2 D 396

Machine tap
Paradur Inox® 50 Insert

≤3xD_N



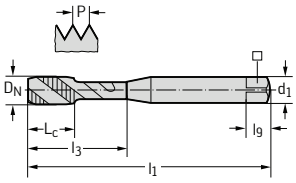
- HSS-E
- chamfer form C = 2 - 3 thread
- 50° helix angle
- materials from 350 to 1200 N/mm² or 36 HRC
- for long-chipping materials

EgUNC

NASM 33537

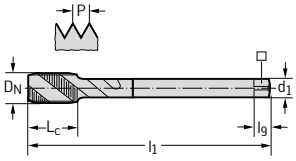
	P	M	K	N	S	H	O
vap	●●	●●					

DIN 2184-1 3B



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	VAP designation 225059
EG no. 4-40	3,67	63	7	21	4,5	3,4	6	3	-EGUNC4
EG no. 6-32	4,536	70	8	25	6	4,9	8	3	-EGUNC6
EG no. 8-32	5,197	80	10	30	6	4,9	8	3	-EGUNC8
EG no. 10-24	6,201	80	10	30	7	5,5	8	3	-EGUNC10
EG 1/4-20	8	90	12	35	8	6,2	9	3	-EGUNC1/4

DIN 2184-1 3B

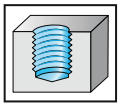


D_N-P Nom	D_N mm	l_1 js16 mm	L_c mm	l_3 ±1 mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	VAP designation 225559
EG 5/16-18	9,771	100	15	-	7	5,5	8	3	-EGUNC5/16
EG 3/8-16	11,587	100	13	-	9	7	10	3	-EGUNC3/8
EG 1/2-13	15,238	110	20	-	12	9	12	4	-EGUNC1/2

G 2 D 396

Machine tap
Paradur® WLM Insert

≤3xD_N



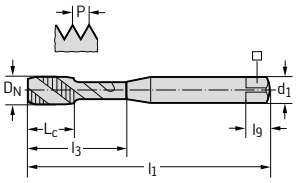
- HSS-E
- chamfer form C = 2 - 3 thread
- 35° helix angle
- materials from 200 to 700 N/mm² or 14 HRC
- for long-chipping materials

EgUNC

NASM 33537

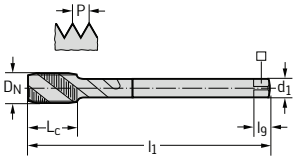
	P	M	K	N	S	H	O
uncoated				●●	●●		●●

DIN 2184-1 3B



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	uncoated designation 22505
EG no. 6-32	4,536	70	8	25	6	4,9	8	2	-EGUNC6
EG no. 8-32	5,197	80	10	30	6	4,9	8	2	-EGUNC8
EG no. 10-24	6,201	80	10	30	7	5,5	8	2	-EGUNC10
EG 1/4-20	8	90	12	35	8	6,2	9	2	-EGUNC1/4

DIN 2184-1 3B

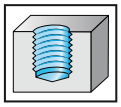


D_N-P Nom	D_N mm	l_1 js16 mm	L_c mm	l_3 ±1 mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	uncoated designation 22555
EG 5/16-18	9,771	100	15	-	7	5,5	8	2	-EGUNC5/16
EG 3/8-16	11,587	100	13	-	9	7	10	3	-EGUNC3/8

G 2
D 396

Machine tap
Paradur® TI Insert

≤2xD_N



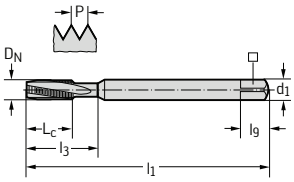
- HSS-E-PM
- chamfer form C = 2 - 3 thread
- 15° helix angle
- materials from 700 to 1400 N/mm² or 44 HRC
- for long-chipping materials

EgUNC

NASM 33537

	P	M	K	N	S	H	O
uncoated	●●			●	●●		

~DIN 2184-1 3B



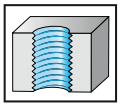
D_N-P Nom	D_N mm	l_1 js16 mm	L_c mm	l_3 ±1 mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	uncoated designation 224069
EG no. 4-40	3,67	63	13	-	4,5	3,4	6	3	-EGUNC4[1]
EG no. 6-32	4,536	70	16	-	6	4,9	8	3	-EGUNC6[1]
EG no. 8-32	5,197	80	15	23	6	4,9	8	3	-EGUNC8

[1]without neck

G 2 D 396

Machine tap
Prototex® TiNi Insert

≤2xD$_N$



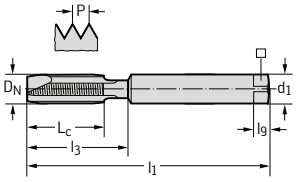
- HSS-E-PM
- chamfer form B = 3.5 - 5 thread
- materials from 700 to 1400 N/mm² or 44 HRC
- for long-chipping materials

EgUNC

NASM 33537

	P	M	K	N	S	H	O
uncoated	●●	●●		●	●●		

DIN 2184-1 3B

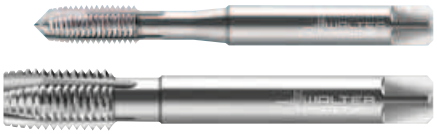


D$_N$-P Nom	D$_N$ mm	l$_1$ js16 mm	L$_c$ mm	l$_3$ ±1 mm	d$_1$ h9 mm	□ h12 mm	l$_9$ mm	N	uncoated designation 222079
EG no. 4-40	3,67	63	13	-	4,5	3,4	6	3	-EGUNC4[1]
EG no. 6-32	4,536	70	16	-	6	4,9	8	3	-EGUNC6[1]
EG no. 8-32	5,197	80	15	23	6	4,9	8	3	-EGUNC8

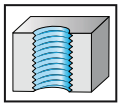
[1]without neck

G 2 D 396

Machine tap
Prototex® H Insert



≤3xD_N



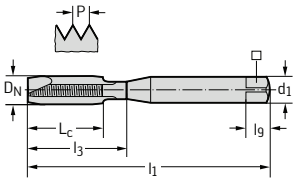
- HSS-E
- chamfer form B = 3.5 - 5 thread
- materials from 200 to 1000 N/mm² or 32 HRC
- for long-chipping materials

EgUNF

NASM 33537

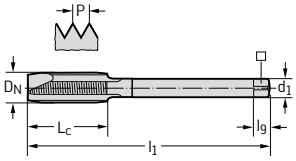
	P	M	K	N	S	H	O
uncoated	●●		●	●●			●

DIN 2184-1 3B



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	uncoated designation 233031
EG no. 6-40	4,33	70	13	25	6	4,9	8	3	-EGUNF6
EG no. 8-36	5,083	80	15	30	6	4,9	8	3	-EGUNF8
EG no. 10-32	5,857	80	15	30	6	4,9	8	3	-EGUNF10
EG 1/4-28	7,528	90	18	35	8	6,2	9	3	-EGUNF1/4

DIN 2184-1 3B

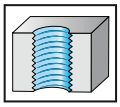


D_N-P Nom	D_N mm	l_1 js16 mm	L_c mm	l_3 ±1 mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	uncoated designation 233531
EG 5/16-24	9,313	90	20	-	7	5,5	8	3	-EGUNF5/16
EG 3/8-24	10,9	90	20	-	8	6,2	9	3	-EGUNF3/8
EG 7/16-20	12,763	100	21	-	9	7	10	4	-EGUNF7/16
EG 1/2-20	14,35	100	21	-	11	9	12	4	-EGUNF1/2

G 2 D 396

Machine tap
Prototex Inox® Insert

≤3xD$_N$



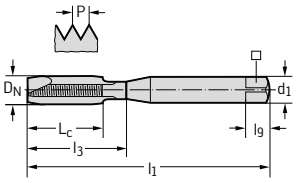
- HSS-E
- chamfer form B = 3.5 - 5 thread
- materials from 350 to 1200 N/mm² or 36 HRC
- for long-chipping materials

EgUNF

NASM 33537

	P	M	K	N	S	H	O
vap	●●	●●					

DIN 2184-1 3B

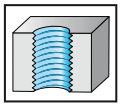


D$_N$-P Nom	D$_N$ mm	l$_1$ js16 mm	L$_c$ mm	l$_3$ ±1 mm	d$_1$ h9 mm	□ h12 mm	l$_9$ mm	N	VAP designation 233039
EG no. 8-36	5,083	80	15	30	6	4,9	8	3	-EGUNF8
EG no. 10-32	5,857	80	15	30	6	4,9	8	3	-EGUNF10
EG 1/4-28	7,528	90	18	35	8	6,2	9	3	-EGUNF1/4

G 2 D 396

Machine tap
Prototex® TiNi Insert

≤2xD_N



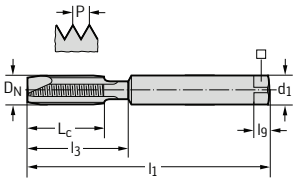
- HSS-E-PM
- chamfer form B = 3.5 - 5 thread
- materials from 700 to 1400 N/mm² or 44 HRC
- for long-chipping materials

EgUNF

NASM 33537

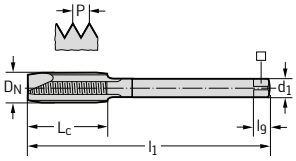
	P	M	K	N	S	H	O
uncoated	●●	●●		●	●●		

~DIN 2184-1 3B



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	uncoated designation 232079
EG no. 10-32	5,857	80	15	23	6	4,9	8	3	-EGUNF10
EG 1/4-28	7,528	90	18	29,5	8	6,2	9	3	-EGUNF1/4
EG 5/16-24	9,313	100	20	33,5	10	8	11	3	-EGUNF5/16

DIN 2184-1 3B

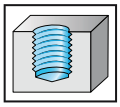


D_N-P Nom	D_N mm	l_1 js16 mm	L_c mm	l_3 ±1 mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	uncoated designation 232579
EG 3/8-24	10,9	100	20	-	8	6,2	9	3	-EGUNF3/8

G 2 D 396

Machine tap
Paradur® WSH Insert

≤3xD_N



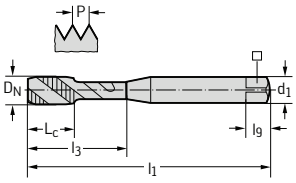
- HSS-E
- chamfer form C = 2 - 3 thread
- 45° helix angle
- materials from 200 to 1000 N/mm² or 32 HRC
- for long-chipping materials

EgUNF

NASM 33537

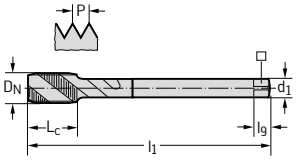
	P	M	K	N	S	H	O
uncoated	●●		●				

DIN 2184-1 3B



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	uncoated designation 235051
EG no. 6-40	4,33	70	8	25	6	4,9	8	3	-EGUNF6
EG no. 8-36	5,083	80	10	30	6	4,9	8	3	-EGUNF8
EG no. 10-32	5,857	80	10	30	6	4,9	8	3	-EGUNF10
EG 1/4-28	7,528	90	12	35	8	6,2	9	3	-EGUNF1/4

DIN 2184-1 3B

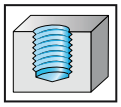


D_N-P Nom	D_N mm	l_1 js16 mm	L_c mm	l_3 ±1 mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	uncoated designation 235551
EG 5/16-24	9,313	90	12	-	7	5,5	8	3	-EGUNF5/16
EG 3/8-24	10,9	90	15	-	8	6,2	9	3	-EGUNF3/8
EG 7/16-20	12,763	100	13	-	9	7	10	4	-EGUNF7/16
EG 1/2-20	14,35	100	15	-	11	9	12	4	-EGUNF1/2

G 2 D 396

Machine tap
Paradur Inox® 50 Insert

≤3xD_N



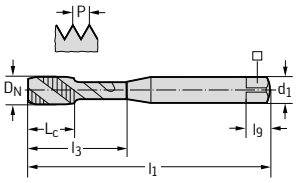
- HSS-E
- chamfer form C = 2 - 3 thread
- 50° helix angle
- materials from 350 to 1200 N/mm² or 36 HRC
- for long-chipping materials

EgUNF

NASM 33537

	P	M	K	N	S	H	O
vap	●●	●●					

DIN 2184-1 3B

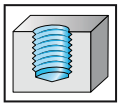


D_N-P Nom	D_N mm	l_1 js16 mm	L_c mm	l_3 ±1 mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	VAP designation 235059
EG no. 10-32	5,857	80	10	30	6	4,9	8	3	-EGUNF10
EG 1/4-28	7,528	90	12	35	8	6,2	9	3	-EGUNF1/4

G 2 D 396

Machine tap
Paradur® WLM Insert

≤3xD_N



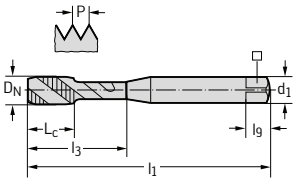
- HSS-E
- chamfer form C = 2 - 3 thread
- 35° helix angle
- materials from 200 to 700 N/mm² or 14 HRC
- for long-chipping materials

EgUNF

NASM 33537

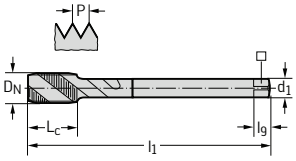
	P	M	K	N	S	H	O
uncoated				●●	●●		●●

DIN 2184-1 3B



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	uncoated designation 23505
EG no. 10-32	5,857	80	10	30	6	4,9	8	2	-EGUNF10
EG 1/4-28	7,528	90	12	35	8	6,2	9	3	-EGUNF1/4

DIN 2184-1 3B

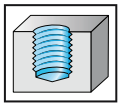


D_N-P Nom	D_N mm	l_1 js16 mm	L_c mm	l_3 ±1 mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	uncoated designation 23555
EG 5/16-24	9,313	90	12	-	7	5,5	8	3	-EGUNF5/16
EG 3/8-24	10,9	90	15	-	8	6,2	9	3	-EGUNF3/8
EG 7/16-20	12,763	100	13	-	9	7	10	3	-EGUNF7/16
EG 1/2-20	14,35	100	15	-	11	9	12	3	-EGUNF1/2

G 2 D 396

Machine tap
Paradur® NI Insert

≤1,5xD_N



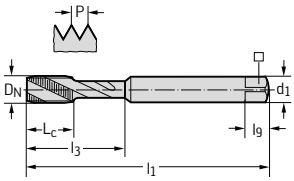
- HSS-E-PM
- chamfer form C = 2 - 3 thread
- 25° helix angle
- materials from 700 to 1400 N/mm² or 44 HRC
- for long-chipping materials

EgUNF

NASM 33537

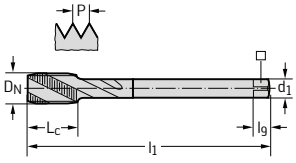
	P	M	K	N	S	H	O
uncoated	●●		●●	●	●		

~DIN 2184-1 3B



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	uncoated designation 234079
EG no. 10-32	5,857	80	15	23	6	4,9	8	3	-EGUNF10
EG 1/4-28	7,528	90	18	29,5	8	6,2	9	3	-EGUNF1/4
EG 5/16-24	9,313	100	20	33,5	10	8	11	4	-EGUNF5/16

DIN 2184-1 3B

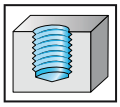


D_N-P Nom	D_N mm	l_1 js16 mm	L_c mm	l_3 ±1 mm	d_1 h9 mm	□ h12 mm	l_9 mm	N	uncoated designation 234579
EG 3/8-24	10,9	100	20	-	8	6,2	9	4	-EGUNF3/8

G 2 D 396

Machine tap
Paradur® TI Insert

≤2xD_N



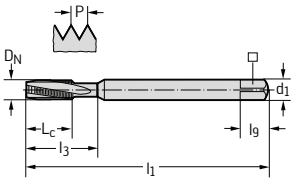
- HSS-E-PM
- chamfer form C = 2 - 3 thread
- 15° helix angle
- materials from 700 to 1400 N/mm² or 44 HRC
- for long-chipping materials

EgUNF

NASM 33537

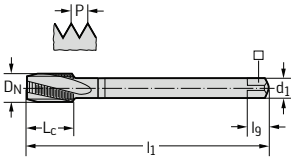
	P	M	K	N	S	H	O
uncoated	●●			●	●●		

~DIN 2184-1 3B



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	uncoated designation 234069
EG no. 10-32	5,857	80	15	23	6	4,9	8	3	-EGUNF10
EG 1/4-28	7,528	90	18	29,5	8	6,2	9	3	-EGUNF1/4
EG 5/16-24	9,313	100	20	33,5	10	8	11	3	-EGUNF5/16

DIN 2184-1 3B



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	uncoated designation 234569
EG 3/8-24	10,9	100	20	-	8	6,2	9	4	-EGUNF3/8

G 2 D 396