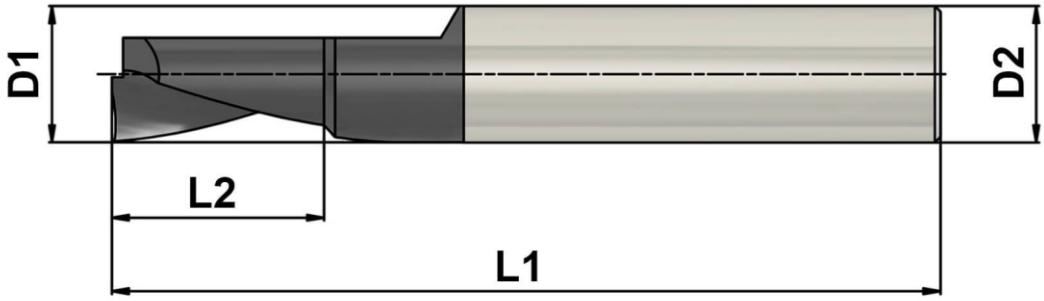
DESERT CUT®

Solid Carbide End Mills – 1.5xD

for dry processing



D1 = cutting edge diameter

D2 = shank diameter

L1 = overall length

L2 = length of cut

Cutting speed vc (m/min) = 150-300

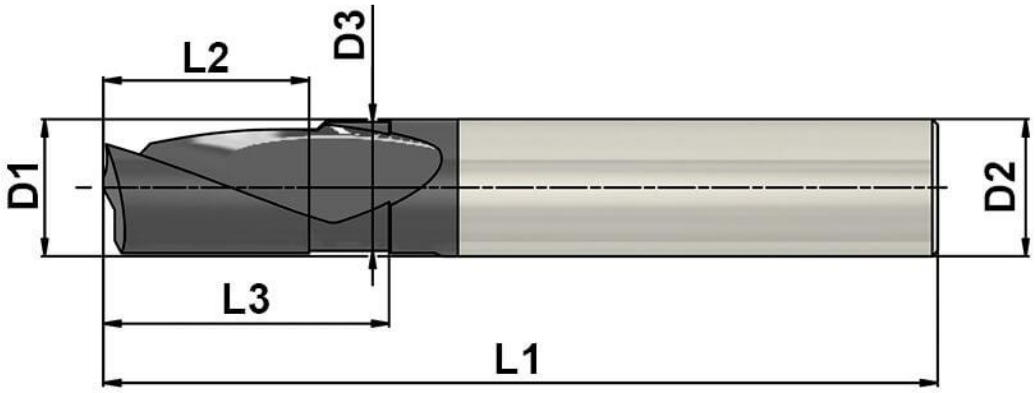
Feed per tooth fz (mm) = 0.07-0.25

From ø 12mm the tools are balanced according to DIN ISO 1960 G6.3

Article no.	D1 (mm)	D2 (mm)	L1 (mm)	L2 (mm)	Z
DC-109020	2	6	50	4	1
DC-109030	3	6	50	6	1
DC-109040	4	6	50	4	1
DC-109050	5	6	50	7,5	1
DC-109060	6	6	50	9	1
DC-109070	7	8	50	10,5	1
DC-109080	8	8	50	12	1
DC-109090	9	10	60	13,5	1
DC-109100	10	10	60	15	1
DC-109110	11	12	73	16,5	1
DC-109120	12	12	73	18	1
DC-109130	13	14	75	19,5	1
DC-109140	14	14	75	21	1
DC-109150	15	16	82	22,5	1
DC-109160	16	16	82	24	1
DC-109170	17	18	84	25,5	1
DC-109180	18	18	84	27	1
DC-106211	20	20	140	30	1

Solid Carbide End Mills – Reduced Neck – 1.5xD

for dry processing



D1 = cutting edge diameter

D2 = shank diameter

D3 = neck diameter

L1 = overall length

L2 = length of cut

L3= neck length

Cutting speed vc (m/min) = 150-300

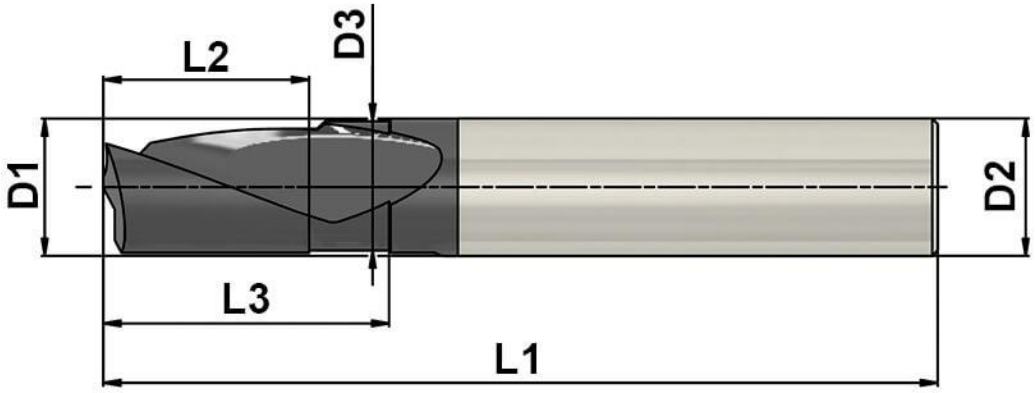
Feed per tooth fz (mm) = 0.07-0.25

From ø 12mm the tools are balanced according to DIN ISO 1960 G6.3

Article no.	D1/D3 (mm)	D2 (mm)	L1 (mm)	L2/L3 (mm)	Z
DC-109020UC	2/2	6	50	4/10	1
DC-109030UC	3/3	6	50	4/10	1
DC-109040UC	4/4	6	50	6/12	1
DC-109050UC	5/5	6	50	7,5/15	1
DC-109060UC	6/6	6	50	9/17	1
DC-109070UC	7/7	8	50	10,5/18	1
DC-109080UC	8/8	8	50	12/18	1
DC-109090UC	9/9	10	60	13,5/20	1
DC-109100UC	10/10	10	60	15/20	1
DC-109110UC	11/11	12	73	16,5/25	1
DC-109120UC	12/12	12	73	18/25	1
DC-109130UC	13/13	14	75	19,5/28	1
DC-109140UC	14/14	14	75	21/30	1
DC-109150UC	15/15	16	82	22,5/35	1
DC-109160UC	16/16	16	82	24/35	1
DC-109170UC	17/17	18	84	25,5/37	1
DC-109180UC	18/18	18	84	27/37	1

Solid Carbide End Mills – Special Lengths

for dry processing



D1 = cutting edge diameter

D2 = shank diameter

D3 = neck diameter

L1 = overall length

L2 = length of cut

L3= neck length

Cutting speed vc (m/min) = 150-300

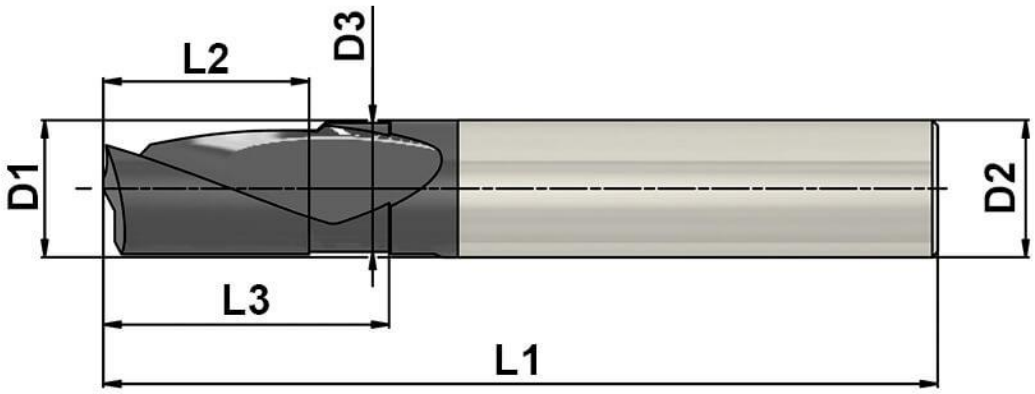
Feed per tooth fz (mm) = 0.07-0.25

From ø 12mm the tools are balanced according to DIN ISO 1960 G6.3

Article no.	D1/D3 (mm)	D2 (mm)	L1 (mm)	L2/L3 (mm)	Z
DC-106412	2/2	4	40	7/10,4	1
DC-10 400	3/3	4	50	9/13,9	1
DC-106413	3/-	3	38	7/-	1
DC-106401	4/3,8	6	57	11/18	1
DC-106414	4/-	4	50	8/-	1
DC-106415	5/4,8	6	57	15/19,4	1
DC-106402	6/5,7	6	65	18/28	1
DC-106416	6/-	6	100	25/-	1
DC-106403	8/7,7	8	63	19/26	1
DC-106404-1	8/-	8	75	32/-	1
DC-106417	10/9,5	10	80	30/38	1
DC-106418	10/-	10	100	40/-	1
DC-106419-1	12/11,5	12	83	26/36	1
DC-106420-1	12/-	12	100	48/-	1
DC-106421-1	16/15,5	16	108	48/58	1
DC-106498-1	16/-	16	150	80/-	1

Solid Carbide End Mills – Inch Diameters

for dry processing



D1 = cutting edge diameter

D2 = shank diameter

D3 = neck diameter

L1 = overall length

L2 = length of cut

L3= neck length

Cutting speed vc (m/min) = 150-300

Feed per tooth fz (mm) = 0.07-0.25

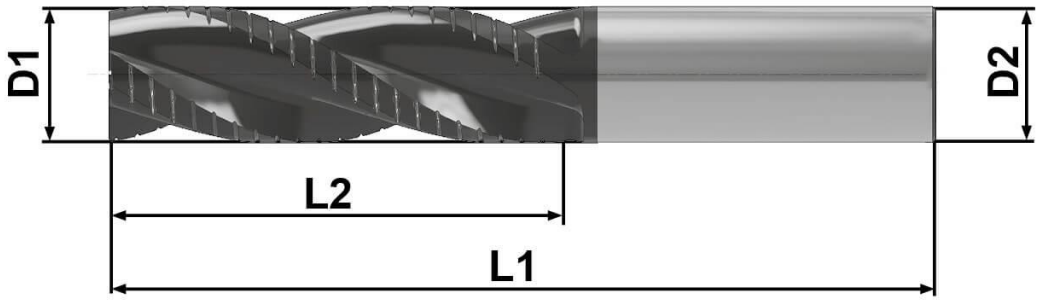
From ø 12mm the tools are balanced according to DIN ISO 1960 G6.3

Article no.	D1 & D2 (in)	D3 (mm)	L1 (mm)	L2/L3 (mm)	Z
DC-107340	1/4"	6	50	10/18	1
DC-107291	1/4"	-	50	10/-	1
DC-107341	3/8"	9,3	60	15/20	1
DC-107292	3/8"	-	60	15/-	1
DC-107342	1/2"	12,3	80	19/26	1
DC-107293	1/2"	-	73	19/-	1
DC-107339	5/8"	15,5	90	24/34	1
DC-107343	3/4"	19	110	30/45	1
DC-107344	1"	25,3	120	40/50	1

DESERT CUT®

Solid Carbide Roughing End Mills

for dry processing



D1 = cutting edge diameter

D2 = shank diameter

L1 = overall length

L2 = length of cut

CC = corner chamfer

Cutting speed vc (m/min) = 150-300

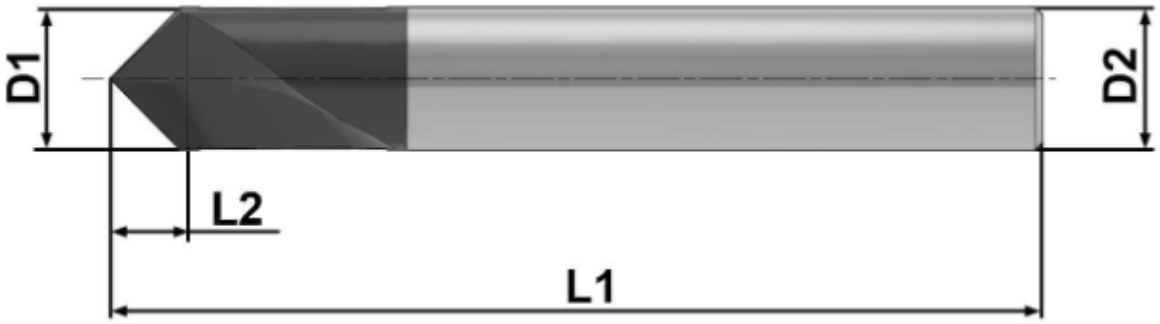
Feed per tooth fz (mm) = 0.14-0.3

Article no.	D1/D2 (mm)	EF (mm)	L1 (mm)	L2 (mm)	Z
DC-110099	12	0,2x45°	84	40	3
DC-110267	16	0,35x45°	104	45	3
DC-108268	20	0,4x45°	122	60	3

DESERT CUT®

Solid Carbide 90° Chamfer Mills

for dry processing



D1 = cutting edge diameter

D2 = shank diameter

L1 = overall length

L2 = length of cut

CCA = corner chamfer angle

Cutting speed vc (m/min) = 150-300

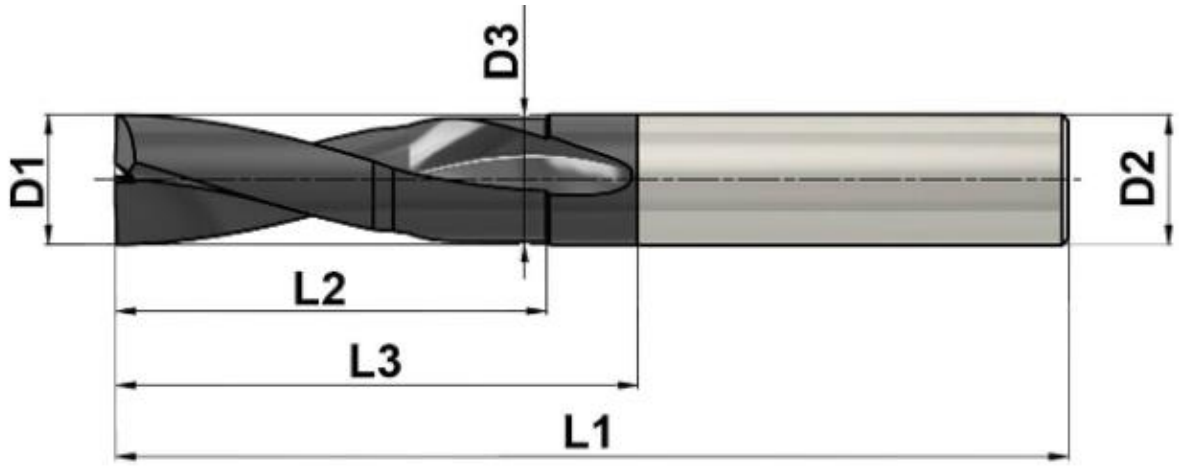
Feed per tooth fz (mm) = 0.07-0.3

Article no.	D1/D2 (mm)	EFW (°)	L1 (mm)	L2 (mm)	Z
DC-110156	4	45°	50	1,9	1
DC-110157	6	45°	50	2,85	1
DC-110158	8	45°	60	3,8	1
DC-110159	10	45°	66	4,75	1

DESERT CUT®

Solid Carbide End Mills for Robotic Milling

for dry processing



D1 = cutting edge diameter

D2 = shank diameter

D3 = neck diameter

L1 = overall length

L2 = length of cut

L3= neck length

Cutting speed vc (m/min) = 150-300

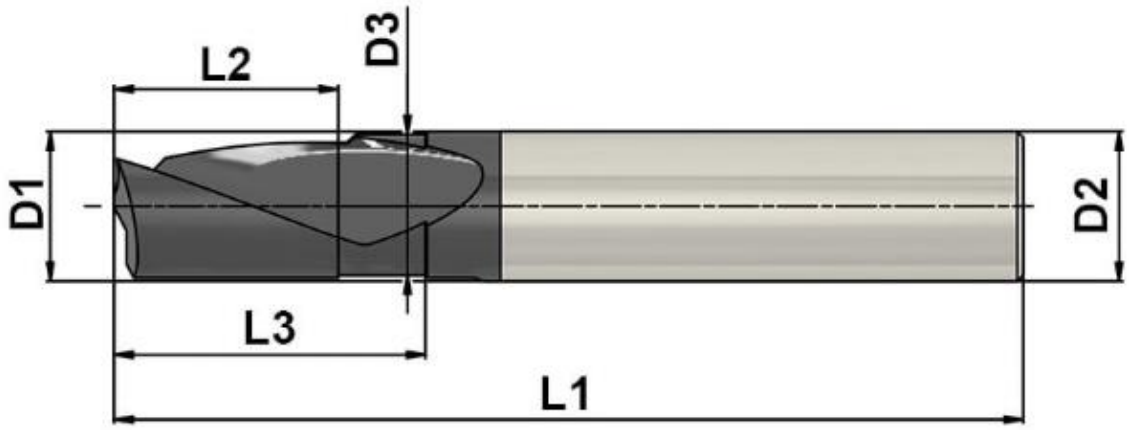
Feed per tooth fz (mm) = 0.07-0.25

Article no.	D1/D2 (mm)	D3 (mm)	L1 (mm)	L2/L3 (mm)	Z
DC-129030	3	2.9	50	11/14	2
DC-129040	4	3.7	54	13/16	2
DC-129050	5	4.7	54	15/18	2
DC-129060	6	5.7	64	16/21	2
DC-129080	8	7.5	70	22/27	2
DC-129100	10	9.5	72	25/32	2

DESERT CUT®

Window Manufacturing End Mills

for dry processing



D1 = cutting edge diameter

D2 = shank diameter

D3 = neck diameter

L1 = overall length

L2 = length of cut

L3= neck length

Cutting speed vc (m/min) = 150-300

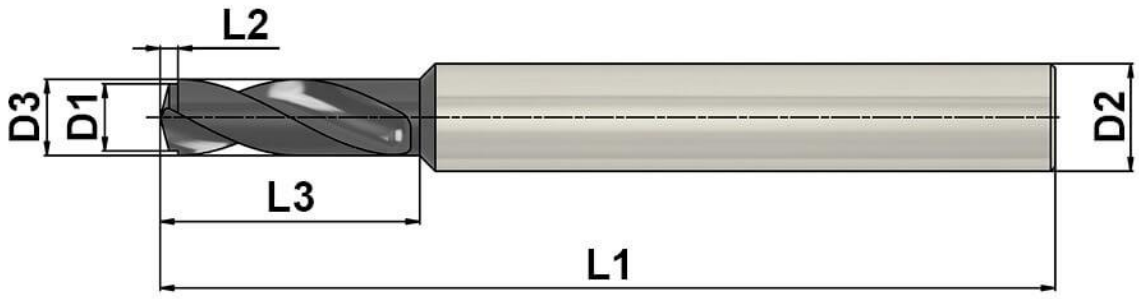
Feed per tooth fz (mm) = 0.07-0.25

Article no.	D1/D3 (mm)	D2 (mm)	L1 (mm)	L2/L3 (mm)	Z
DC-600226	4/3,85	8	70	10/24	1
DC-600227	5/4,85	8	70	10/24	1
DC-600228	5/4,85	8	80	10/40	1
DC-600229	8/7,85	10	88	10/45	1
DC-600230	10/9,85	10	90	10/45	1
DC-600231	10/9,85	12	107	10/60	2
DC-600232	10/9,85	12	130	10/85	2

DESERT CUT®

Solid carbide drills

for dry machining



D1 = pre-drilling diameter

D2 = shank diameter

D3 = drilling diameter

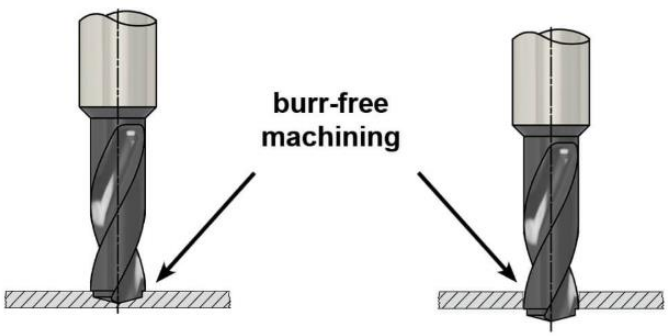
L1 = total length

L2 = pre-drilling length

L3 = drilling length

Feed per revolution f (mm) = 0.07-0.3

Cutting speed vc (m/min) = 300-400

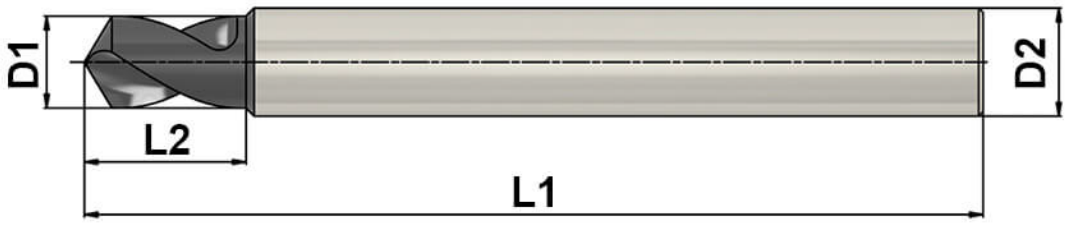


Article no.	D1/D3 (mm)	D2 (mm)	L1 (mm)	L2/L3 (mm)
209 020	1/2	6	50	2/10
209 030	2/3	6	50	2/10
209 040	3/4	6	60	2/12
106 526-1	3.85/4.85	6	65	2/15
209 050	4/5	6	70	2/15
106 512-1	4.5/5.5	6	105	2/35
209 060	5/6	6	70	2/17
106 527-1	5.4/6.4	8	55	2/15
106 557-1	5.7/6.7	8	65	2/15
209 070	6/7	8	90	2/18
106 528-1	6.1/7.1	8	55	2/15
106 517-1	6.5/7.5	8	110	2/45
209 080	7/8	8	100	2/18
106 529-1	7.1/8.1	10	55	2/15
106 546-1	8.13/9.13	10	75	2/15
107 030	7.5/8.5	10	128	2/62

DESERT CUT®

Solid carbide core drills

for dry machining



D1 = drilling diameter

D2 = shank diameter

L1 = total length

L2 = drilling length

Feed per revolution f (mm) = 0.07-0.3

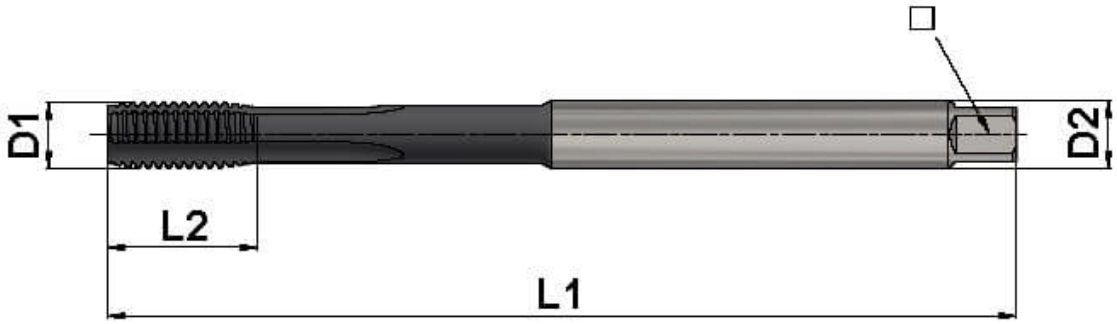
Cutting speed vc (m/min) = 300-400

Article no.	D1 (mm)	D2 (mm)	L1 (mm)	L2 (mm)	Gewinde
219 025	2,5	6	50	10	M3
219 033	3,3	6	50	10	M4
219 042	4,2	6	60	12	M5
219 050	5,0	6	70	15	M6
219 068	6,8	8	70	17	M8
219 085	8,5	10	90	18	M10
219 102	10,2	12	100	18	M12

DESERT CUT®

PM-HSS through-hole taps

for dry machining



D1 = thread (metric)

D2 = shank diameter

L1 = overall length

L2 = length of cut

Thread type: Metric ISO thread, DIN 13

Thread length: 2 x D

Design: Spiral point grinding

Cutting direction: RH

Shank: D1 ≤ M8 = DIN 371; D1 ≥ M10 = DIN 376

Tolerance: ISO2 (6H)

Gate length: B / 3,5-5 x P

Execution: HSS-PM

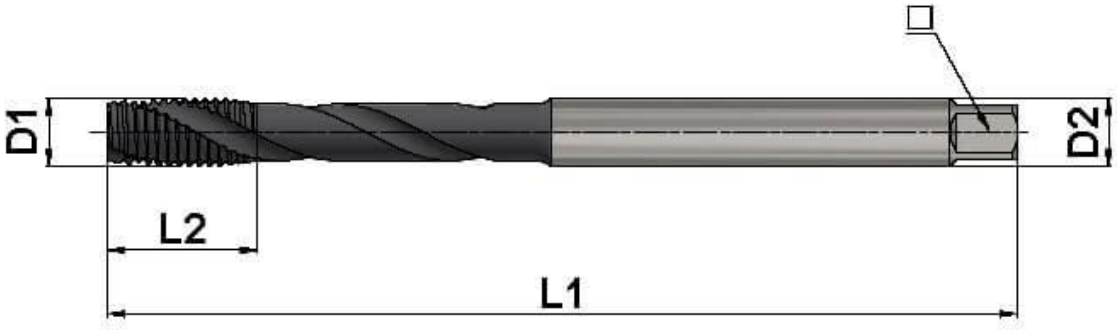
Cutting speed vc (m/min) = 30-40

Article no.	D1 (mm)	Core-ø (mm)	L1/L2 (mm)	D2/□ (mm)	P(mm)
309 030	M3	2.5	56/11	3.5/2.7	0.5
309 040	M4	3.3	63/13	4.5/3.4	0.7
309 050	M5	4.2	70/15	6/4.9	0.8
309 060	M6	5.0	80/17	6/4.9	1
309 080	M8	6.8	90/20	8/6.2	1.25
309 100	M10	8.5	100/22	10/8	1.5
309 120	M12	10.2	110/24	9/7	1.75

DESERT CUT®

PM-HSS blind-hole taps

for dry machining



D1 = thread (metric)

D2 = shank diameter

L1 = overall length

L2 = length of cut

Thread type: Metric ISO thread, DIN 13

Thread length: 2 x D

Design: RH spiral flutes 30°

Cutting direction: RH

Shank: D1 ≤ M8 = DIN 371; D1 ≥ M10 = DIN 376

Tolerance: ISO2 (6H)

Gate length: B / 3,5-5 x P

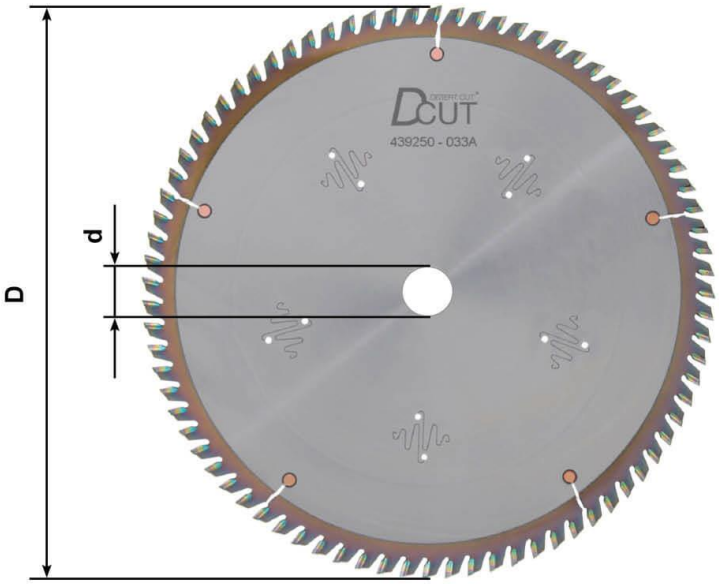
Execution: HSS-PM

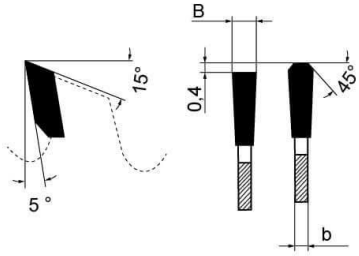
Cutting speed vc (m/min) = 30-40

Article no.	D1 (mm)	Core-ø (mm)	L1/L2 (mm)	D2/□ (mm)	P(mm)
319 030	M3	2.5	56/6	3.5/2.7	0.5
319 040	M4	3.3	63/7	4.5/3.4	0.7
319 050	M5	4.2	70/8	6/4.9	0.8
319 060	M6	5.0	80/10	6/4.9	1
319 080	M8	6.8	90/15	8/6.2	1.25
319 100	M10	8.5	100/13	10/8	1.5
319 120	M12	10.2	110/18	9/7	1.75

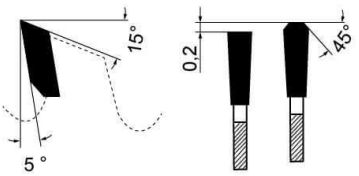
Solid carbide Desert Cut® circular saw blades

for dry machining





Flachtrapezzahn (FT)
ab Teilung ≤ 20,5



Flachtrapezzahn (FT)
ab Teilung ≥ 20,5

D = diameter saw blade

d = arbor hole diameter

B = cutting width

b = blade thickness

Z = number of teeth

SH = side holes

AV = availability

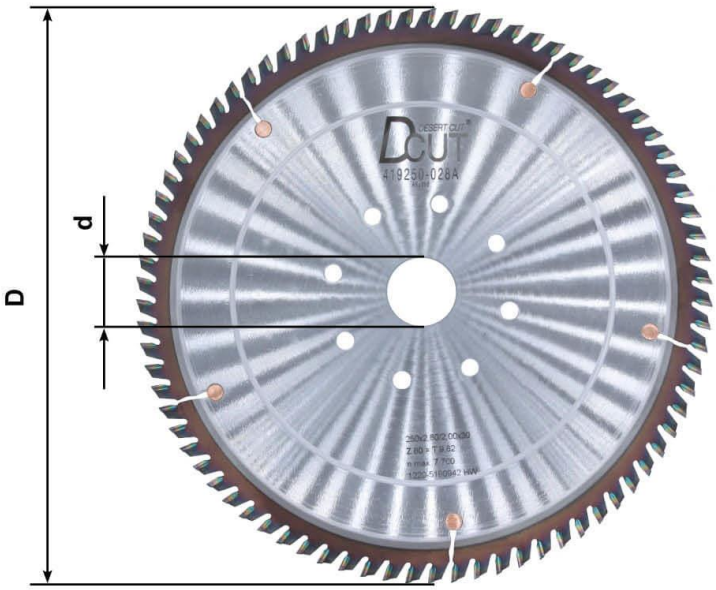
(X) = Available from stock; Remaining positions on request

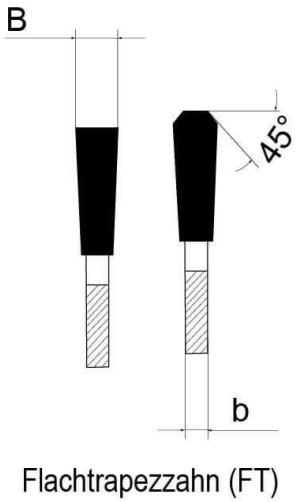
Article no.	D/d (mm)	B/b (mm)	NL (mm)	Z	Verf.
439 200 033	200/30	3.3/2.8	2/7/42	54	
439 200 028	200/20	2.8/2.2	2/6/32	72	(X)
439 250 033	250/30	3.3/2.8	NLK	66	
439 250 033 80	250/30	3.3/5.8	NLK	80	(X)
439 280 032	280/30	3.2/2.6	NLK	96	(X)
439 300 036	300/30	3.6/3.0	NLK	72	
439 300 035 A	300/30	3.5/3.0	NLK	84	(X)
439 300 035 B	300/32	3.5/3.0	2/10/63	84	
439 300 033	300/30	3.3./2.8	NLK	96	(X)
439 320 035	320/30	3.5/3.0	NLK	84	
439 350 042	350/30	4.2/3.4	NLK	54	
439 350 042 72	350/30	4.2/3.4	NLK	72	
439 350 036	350/30	3.6/3.0	NLK	84	
439 350 035	350/30	3.5/3.0	NLK	90	(X)
439 350 032	350/30	3.2/2.6	NLK	108	
439 400 042	400/30	4.2/3.4	NLK	60	
439 400 042 72	400/30	4.2/3.4	NLK	72	
439 400 036	400/30	3.6/3.0	NLK	96	(X)

Article no.	D/d (mm)	B/b (mm)	NL (mm)	Z	Verf.
439 400 036 120	400/30	3.6/3.0	NLK	120	(X)
439 400 044	400/40	4.4/3.8	2/15/80 + 2/12/64	96	
439 420 038	420/30	3.8/3.0	2/10.5/70	56	
439 420 035	420/30	3.5/3.0	2/10.5/70	96	(X)
439 450 048	450/30	4.8/3.8		72	
439 450 044	450/30	4.4/3.8		96	(X)
439 450 044 102	450/30	4.4/3.8		102	
439 450 044 120	450/30	4.4./3.8		120	(X)
439 500 044	500/30	4.4/3.6		68	
439 500 050	500/30	5.0/4.0		72	
439 500 048 96	500/30	4.8/4.0		96	(X)
439 500 040	500/30	4.0/3.4		120	(X)
439 500 044 120	500/30	4.4/3.8	2/10.5/70	120	
439 500 048 120	500/30	4.8/4.2		120	
439 500 040 144	500/30	4.0/3.4		144	(X)

Solid carbide Desert Cut® Pro circular saw blades

for dry machining





Flachtrapezzahn (FT)

D = diameter saw blade

d = arbor hole diameter

B = cutting width

b = blade thickness

Z = number of teeth

Article no.	D (mm)	d (mm)	B (mm)	b (mm)	Z
419 250 028	250	30	2.8	2.0	80
419 300 030	300	30	3.0	3.0	96
419 350 036	350	30	3.6	3.0	96
419 400 038	400	30	3.8	3.0	96
419 420 038	420	30	3.8	3.0	96
419 450 040	450	30	4.0	3.4	102
419 500 040	500	30	4.0	3.4	120