



2013


Steels Upto 52 HRC, Grey Cast Iron
and Hard Special Alloys



High Performance Cutting Tools



Dutch Tech Tools Pvt. Ltd, founded and established in West Bengal, India in 2007, is a privately held company with the sole purpose to provide Accurate, Reliable and Cost Cutting Metal Working Solutions.

Our  Logo emphasizes the true character of our company and its members — being **Disciplined, Dedicated and Determined** to provide our customers with Innovative Engineering and Next Generation Products.



Facilities:

The Company has its 36000 Square Feet built up manufacturing facility located at the Falta Special Economic Zone in West Bengal, India. The area has many advantages including close proximity to Air and Seaport. Its manufacturing facility has been obtained with a strategic alliance and partnership with the premier Rollomatic S.A, Switzerland who are regarded as the master builders of precision engineering grinding machines.

Quality Engineering:

The products we supply are of high quality and have the attributes that enables customer delight. Further, Dutch Tech Tools incorporates modern and best practises to maintain quality consciousness and learning throughout our organization. Bundled with the Quality Products, is its competitive price, thus enabling customers control their own bottom line.

Valu Creation and Innovation:

We believe that to grow one has to be adaptable with the changes in the market. The flexibility and the ability to forecast a change would go a long way in creating value for all stakeholders of the organization. Dutch Tech Tools has an edge due to the techno-economic knowledge of its leaders. We will always have an eye towards to the future thereby getting the market pioneer advantage and in the process create a valued product for its customer than the competition.

Customer Delight:

We will provide an extensive line of products to meet the metalworking needs of our customers. Our products will cater the needs of both standard and high performance line of products for our customers to choose from as per their needs. We will also concentrate to provide special solutions for specific customer applications on request.

Product Know- How and Manufacturing Competence:

The Leaders and Employees bring in intrinsic strength to the organization in terms of industry experience. The diversified experience in the industry will provide the organization with the impetus to grow and succeed. We continuously strive to provide innovations that optimize tool performance with the assistance of the state-of the art manufacturing and testing facilities. Our engineers and product managers provide their know-how and support with the aim of increasing customer productivity.



>Disciplined >Dedicated >Determined


<http://www.dutchtechtools.com>




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Metric		Page No
HA	HB	

I.C.E MILLS 0300	 <p>4 Flute, 35°/38° Helix, Variable Pitch Depth and Index Endmills</p> <ul style="list-style-type: none"> • Vibration and Chatter free operation • Highly suitable for Slot and Rough Milling • High feed rates upto 3 times over conventional milling • Polished flutes • Micro Corner protected • Upto 4 times longer tool life • Improved work piece surface quality 	Stub Length	0301	0311	02
		Standard Length	0302	0312	02
		Extra Long Length	0304	0314	02
		Std. Length Corner Radius	0302	0312	03

RHINO MILLS 0500	 <p>4 Flute, 30°/32° Helix, Variable Pitch Roughing Profile Endmills</p> <ul style="list-style-type: none"> • Tough and Rigid Body • Suitable for Slotting and Roughmilling at high feed rates even on Unstable Machine • Vibration free operation 	Standard Length	0502	0512	04
		Long Length	0503	0513	04

DURONTO DRILLS DDDA.	 <p>High Performance Solid Carbide Drills with & without Coolant</p> <ul style="list-style-type: none"> • CAM Point Geometry with special thin web geometry provides self centering • Deep and wide polished flutes evacuated chips very smoothly at high feed rates • Cutting edges are honed to provide strong and rigid edge to withstand higher feed rates • Polished flute for smooth chip evacuation 		HA	HB	HE	
		3xd without Coolant	0310	0311	0312	05
		5xd without Coolant	0510	0511	0512	05
		3xd with Coolant	0320	0321	0322	06
		5xd with Coolant	0520	0521	0522	06
		8xd with Coolant	0820	0821	0822	06

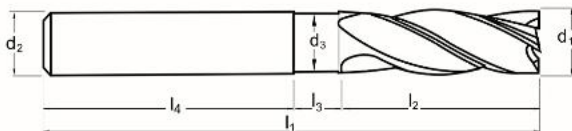
Information	APPLICATION - MILLING (f _z Chart) [mm/min]	07
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	CODING METHOD	10
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0300

I.C.E MILL

EMCA.



$d_1: e_8$	≤ 52 HRC	
$d_2: h_6$	SMG	
	Coating: AlCrN	
		HA HB

DIN-6527 K

0301 STUB LENGTH

0301 0311

d_1 mm	d_2 mm	d_3 mm	l_1 mm	l_2 mm	l_3 mm	z	Corner Chamfer mm	Cutting Reach (a_p) mm	Stock		List Price in €	Ordering No.
									HA	HB		
6.00	6.00	5.50	54.00	10.00	8.00	4	0.15	18.00	●		12,90	0600
8.00	8.00	7.40	58.00	12.00	10.00	4	0.15	22.00	●		20,40	0800
10.00	10.00	9.20	66.00	14.00	12.00	4	0.20	26.00	●		31,00	1000
12.00	12.00	11.20	73.00	16.00	12.00	4	0.20	28.00	●		42,25	1200
14.00	14.00	13.20	75.00	18.00	12.00	4	0.25	30.00	●		61,25	1400
16.00	16.00	15.20	82.00	22.00	12.00	4	0.35	34.00	●		80,00	1800
18.00	18.00	17.20	84.00	24.00	12.00	4	0.40	36.00	●		104,90	1800
20.00	20.00	19.20	92.00	26.00	16.00	4	0.45	42.00	●		131,40	2000

DIN-6527 L

0302 STANDARD LENGTH

0302 0312

d_1 mm	d_2 mm	d_3 mm	l_1 mm	l_2 mm	l_3 mm	z	Corner Chamfer mm	Cutting Reach (a_p) mm	Stock		List Price in €	Ordering No.
									HA	HB		
3.00	6.00	2.75	57.00	08.00	13.00	4	0.10	21.00	●		16,80	0300
4.00	6.00	3.50	57.00	11.00	10.00	4	0.10	21.00	●		16,80	0400
5.00	6.00	4.50	57.00	13.00	08.00	4	0.10	21.00	●		16,80	0500
6.00	6.00	5.50	57.00	13.00	08.00	4	0.15	21.00	●		16,80	0600
8.00	8.00	7.40	63.00	19.00	08.00	4	0.15	27.00	●		23,40	0800
10.00	10.00	9.20	72.00	22.00	10.00	4	0.20	32.00	●		36,60	1000
12.00	12.00	11.20	83.00	26.00	12.00	4	0.20	38.00	●		47,95	1200
14.00	14.00	13.20	83.00	26.00	12.00	4	0.25	38.00	●		69,90	1400
16.00	16.00	15.20	92.00	32.00	12.00	4	0.35	44.00	●		86,25	1800
18.00	18.00	17.20	92.00	32.00	12.00	4	0.40	44.00	●		114,00	1800
20.00	20.00	19.20	104.00	38.00	16.00	4	0.45	54.00	●		140,50	2000
25.00	25.00	24.20	121.00	45.00	20.00	4	0.60	65.00	●		242,65	2500

0304 EXTRA LONG LENGTH

0304 0314

d_1 mm	d_2 mm	l_1 mm	l_2 mm	z	Corner Chamfer mm	Stock		List Price in €	Ordering No.
						HA	HB		
6.00	6.00	80.00	40.00	4	0.15			24,15	0600
8.00	8.00	100.00	50.00	4	0.15			36,25	0800
10.00	10.00	100.00	50.00	4	0.20			50,50	1000
12.00	12.00	150.00	80.00	4	0.20			80,15	1200
16.00	16.00	150.00	80.00	4	0.35			133,00	1800
20.00	20.00	150.00	80.00	4	0.45			202,50	2000

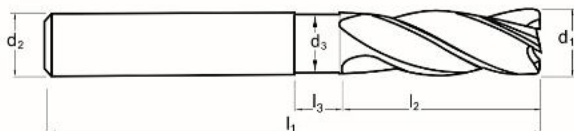
Note: 1) Ordering Code Example: I.C.E - 6mm, Standard Length, HB, with Alcrona Coating: EMCA.03110600
 2) Reduce speed and feed rates by 30% for Extra Long Length Cutters



0300

I.C.E MILL

EMRA.



DIN-6527 L

0302 STD. LENGTH CORNER RADIUS

0302 0312

d_1 mm	d_2 mm	d_3 mm	l_1 mm	l_2 mm	l_3 mm	z	Corner Radius mm	Cutting Reach (a_p) mm	Stock		List Price in €	Ordering No.
									HA	HB		
6.00	6.00	5.50	57.00	13.00	8.00	4	0.5	21.00	●		21,50	0601
6.00	6.00	5.50	57.00	13.00	8.00	4	1.0	21.00	●		21,50	0602
6.00	6.00	5.50	57.00	13.00	8.00	4	2.0	21.00	●		21,50	0603
8.00	8.00	7.40	63.00	19.00	8.00	4	0.5	27.00	●		31,40	0801
8.00	8.00	7.40	63.00	19.00	8.00	4	1.0	27.00	●		31,40	0802
8.00	8.00	7.40	63.00	19.00	8.00	4	2.0	27.00	●		31,65	0803
10.00	10.00	9.20	72.00	22.00	10.00	4	0.5	32.00	●		44,40	1001
10.00	10.00	9.20	72.00	22.00	10.00	4	1.0	32.00	●		44,40	1002
10.00	10.00	9.20	72.00	22.00	10.00	4	2.0	32.00	●		44,50	1003
12.00	12.00	11.20	83.00	26.00	12.00	4	0.5	38.00	●		59,65	1201
12.00	12.00	11.20	83.00	26.00	12.00	4	1.0	38.00	●		59,65	1202
12.00	12.00	11.20	83.00	26.00	12.00	4	2.0	38.00	●		59,65	1203
16.00	16.00	15.20	92.00	32.00	12.00	4	0.5	44.00	●		104,25	1601
16.00	16.00	15.20	92.00	32.00	12.00	4	1.0	44.00	●		104,25	1602
16.00	16.00	15.20	92.00	32.00	12.00	4	2.0	44.00	●		104,25	1603
16.00	16.00	15.20	92.00	32.00	12.00	4	3.0	44.00	●		104,25	1604
20.00	20.00	19.20	104.00	38.00	16.00	4	0.5	54.00	●		167,40	2001
20.00	20.00	19.20	104.00	38.00	16.00	4	1.0	54.00	●		167,40	2002
20.00	20.00	19.20	104.00	38.00	16.00	4	2.0	54.00	●		167,40	2003
20.00	20.00	19.20	104.00	38.00	16.00	4	3.0	54.00	●		167,40	2004
25.00	25.00	24.20	121.00	45.00	20.00	4	2.0	65.00	●		262,00	2501
25.00	25.00	24.20	121.00	45.00	20.00	4	3.0	65.00	●		262,00	2502

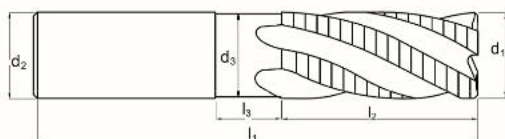
Note: Ordering Code Example: I.C.E Mill- 6mm, Standard Length, Corner Radius 0.5, HB, With Alcrona Coating: EMRA.03120601



0500

RHINO MILL

EMCA.

d₁: e₈ ≤ 52 HRCd₂: h₆ SMG

45° ±1°

Coating: AlCrN



HA

HB

DIN-6527 L

0502 STANDARD LENGTH

0502 0512

d ₁ mm	d ₂ mm	d ₃ mm	l ₁ mm	l ₂ mm	l ₃ mm	z	Corner Chamfer mm	Cutting Reach (a _p) mm	Stock		List Price in €	Ordering No.
									HA	HB		
3.00	6.00	2.75	57.00	08.00	13.00	4	0.10	21.00	●		24,75	0300
4.00	6.00	3.50	57.00	11.00	10.00	4	0.10	21.00	●		24,75	0400
5.00	6.00	4.50	57.00	13.00	08.00	4	0.10	21.00	●		24,75	0500
6.00	6.00	5.50	57.00	13.00	08.00	4	0.15	21.00	●		24,75	0600
8.00	8.00	7.40	63.00	19.00	08.00	4	0.15	27.00	●		32,90	0800
10.00	10.00	9.20	72.00	22.00	10.00	4	0.20	32.00	●		43,75	1000
12.00	12.00	11.20	83.00	26.00	12.00	4	0.20	38.00	●		56,50	1200
14.00	14.00	13.20	83.00	26.00	12.00	4	0.25	38.00	●		73,75	1400
16.00	16.00	15.20	92.00	32.00	12.00	4	0.35	44.00	●		89,25	1600
18.00	18.00	17.20	92.00	32.00	12.00	4	0.40	44.00	●		114,00	1800
20.00	20.00	19.20	104.00	38.00	16.00	4	0.45	54.00	●		139,90	2000
25.00	25.00	24.20	121.00	45.00	20.00	4	0.60	65.00	●		250,40	2500

0504 EXTRA LONG LENGTH

0504 0514

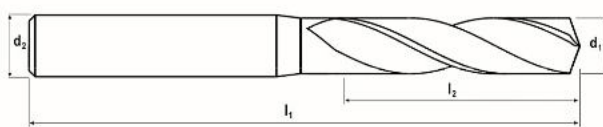
d ₁ mm	d ₂ mm	l ₁ mm	l ₂ mm	z	Corner Chamfer mm	Stock		List Price in €	Ordering No.
						HA	HB		
6.00	6.00	80.00	40.00	4	0.15			36,00	0600
8.00	8.00	100.00	50.00	4	0.15			51,00	0800
10.00	10.00	100.00	50.00	4	0.20			61,25	1000
12.00	12.00	150.00	80.00	4	0.20			94,40	1200
16.00	16.00	150.00	80.00	4	0.35			138,15	1600
20.00	20.00	150.00	80.00	4	0.45			201,75	2000

Note: 1) Ordering Code Example: RHINO Mill- 6mm, Standard Length, HB, With Alcrona Coating: EMCA.05120600

2) Corner radius available on request (0.5-3.0 mm)

3) Reduce speed and feed rate by 30% for Extra Long Length Cutters





3xd	0310	0311	0312	AlCrN
5xd	0510	0511	0512	
	HA	HB	HE	SMG
				d ₁ : m ₇
				d ₂ : h ₆
				l ₁ : ±0.8

DIN 6537 K 3xd, 5xd, Without Coolant
6537 L

d ₁	CD	d ₂	l ₂	l ₁		HA Coding	HB Coding	HE Coding	List Price in €
CDI	CD	SD	ECL	OAL					
3.00 to 3.70	3xd	6.00	20	62		DDDA.0310	DDDA.0311	DDDA.0312	18,90
	5xd	6.00	28	66		DDDA.0510	DDDA.0511	DDDA.0512	23,90
3.80 to 4.70	3xd	6.00	24	66		DDDA.0310	DDDA.0311	DDDA.0312	18,90
	5xd	6.00	36	74		DDDA.0510	DDDA.0511	DDDA.0512	23,90
4.76 to 6.00	3xd	6.00	28	66		DDDA.0310	DDDA.0311	DDDA.0312	18,90
	5xd	6.00	44	82		DDDA.0510	DDDA.0511	DDDA.0512	23,90
6.10 to 7.00	3xd	8.00	34	79		DDDA.0310	DDDA.0311	DDDA.0312	30,40
	5xd	8.00	53	91		DDDA.0510	DDDA.0511	DDDA.0512	33,75
7.10 to 8.00	3xd	8.00	41	79		DDDA.0310	DDDA.0311	DDDA.0312	30,40
	5xd	8.00	53	91		DDDA.0510	DDDA.0511	DDDA.0512	33,75
8.10 to 10.00	3xd	10.00	47	89		DDDA.0310	DDDA.0311	DDDA.0312	43,75
	5xd	10.00	61	103		DDDA.0510	DDDA.0511	DDDA.0512	48,00
10.10 to 12.00	3xd	12.00	55	102		DDDA.0310	DDDA.0311	DDDA.0312	59,00
	5xd	12.00	71	118		DDDA.0510	DDDA.0511	DDDA.0512	63,25
12.10 to 14.00	3xd	14.00	60	107		DDDA.0310	DDDA.0311	DDDA.0312	77,25
	5xd	14.00	77	124		DDDA.0510	DDDA.0511	DDDA.0512	89,15
14.29 to 16.00	3xd	16.00	65	115		DDDA.0310	DDDA.0311	DDDA.0312	100,15
	5xd	16.00	83	133		DDDA.0510	DDDA.0511	DDDA.0512	113,00
16.50 to 18.00	3xd	18.00	73	123		DDDA.0310	DDDA.0311	DDDA.0312	130,50
	5xd	18.00	93	143		DDDA.0510	DDDA.0511	DDDA.0512	151,25
18.50 to 20.00	3xd	20.00	79	131		DDDA.0310	DDDA.0311	DDDA.0312	161,15
	5xd	20.00	101	153		DDDA.0510	DDDA.0511	DDDA.0512	182,65

Note: 1) Ordering Code Example: DURONTO DRILL 5xd Without Coolant-14.70mm, HE, Alcrona Coated.: DDDA.05121470
2) All sizes are available with 0.1mm increments



