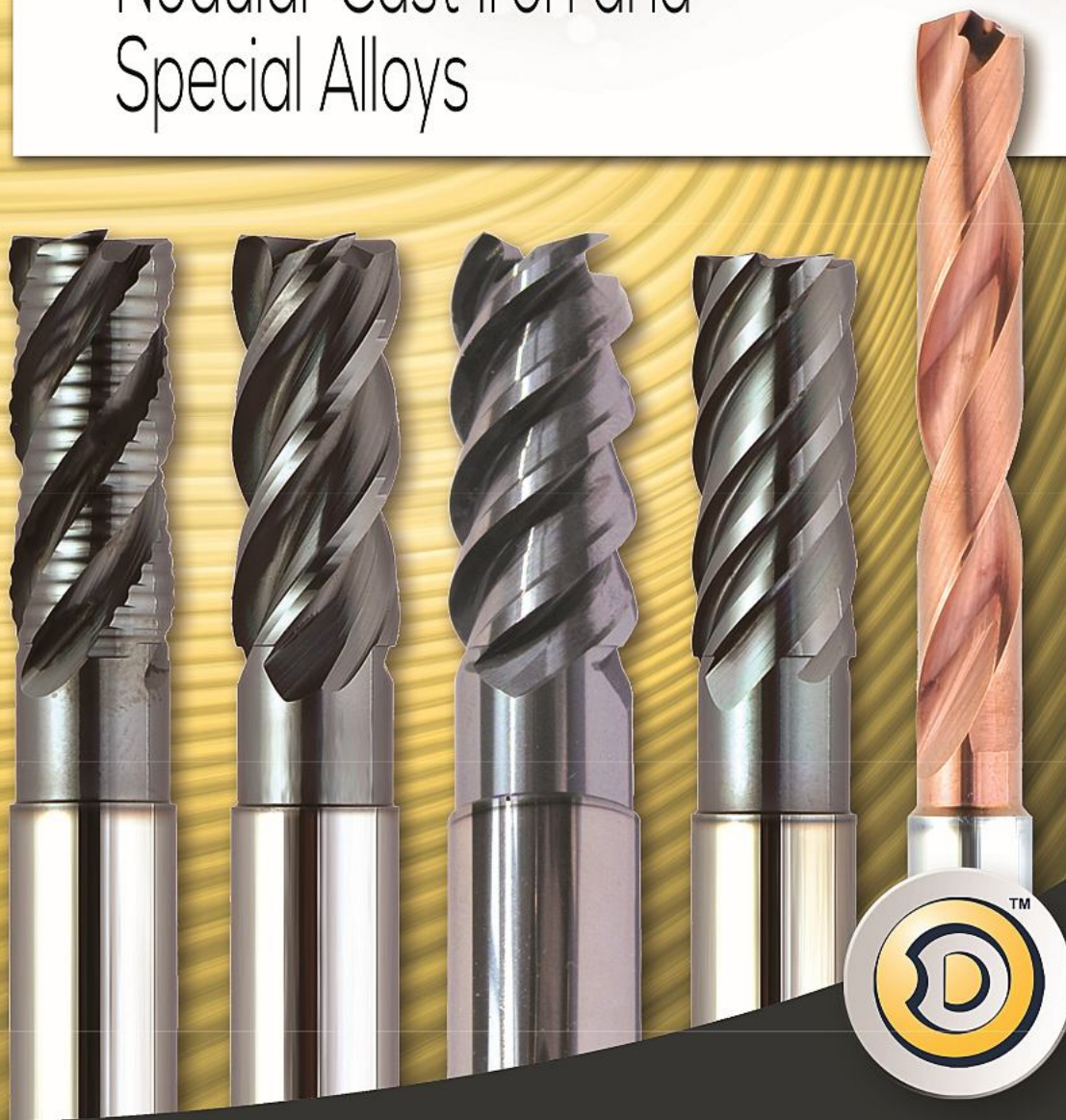




2013


Stainless Steel, Steels Upto 32 HRC,
Nodular Cast Iron and
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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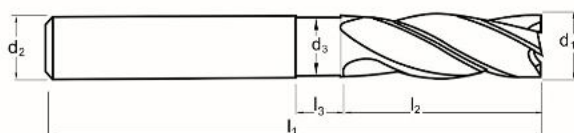
		Metric		Page No		
		HA	HB			
I.C.E INOX 0900	 <p>4 Flute, 38°/41° Helix, Variable Pitch, Variable Depth & Variable Index Endmills</p> <ul style="list-style-type: none"> Vibration and Chatter free Operation Sharp and Rigid Cutting Edge for high cutting action Highly Suitable for Slotting, Roughing, Finishing HSC & HPC with excellent surface finish Higher production rates upto 3 times compared to conventional milling Polished Flutes for smooth chip evacuation Micro Corner Protected 	Stub Length	0901	0911	02	
		Standard Length	0902	0912	02	
		Extra Long Length	0904	0914	02	
		Std. Length Corner Radius	0902	0912	03	
RHINO INOX 1100	 <p>4 Flute, 38°/41° Helix, Variable Pitch Roughing Profile Endmills</p> <ul style="list-style-type: none"> Tough and Rigid body Suitable for Slotting, Roughing operations on Unstable Machines at high feed rates Micro Corner Protected 	Standard Length	1102	1112	04	
		Extra Long Length	1103	1113	04	
GHURNEE MILL 1900	 <p>4 Flute 55° Helix, with Unequal Index Endmills</p> <ul style="list-style-type: none"> Specifically designed to overcome challenges associated with machining of Stainless Steel Flute Geometry Promotes small & Manageable Chips Excellent Surface Finish, Requires no additional finishing operations Chatter Free machining 	Standard Length	1902	1912	05	
		Std. Length Corner Radius	1902	1912	05	
MIRROR MILL 0700	 <p>Multi Flute, 43°/44°/45° Helix, Unequal Pitch Endmills for Super Finishing</p> <ul style="list-style-type: none"> Vibration free operation Designed to provide grinding finish on component and maintain dimensional accuracy 	Standard Length	0702	0712	06	
		Extra Long Length	0704	0714	06	
DURONTO INOX DDIH.	 <p>High Performance Solid Carbide Drills With Coolant</p> <ul style="list-style-type: none"> 4 Facet special point geometry provides improved Self Centering Curvy flute generates manageable chips Polished Flutes provides smooth chip evacuation for deep hole drilling Cutting edges are specially and carefully honed to provide a rigid cutting edge for longer tool life 		HA	HB	HE	
		3xd with Coolant	0320	0321	0322	07
		5xd with Coolant	0520	0521	0522	07
		8xd with Coolant	0820	0821	0822	07
Information	APPLICATION - MILLING (f_z Chart) [mm/min]				08	
	APPLICATION - MILLING (V_c Chart) [m/min]				09	
	APPLICATION CHART- DURONTO INOX				10	
	CODING METHOD				13	
	SYMBOLS				14	



0900

I.C.E INOX MILL

EMCA.



$d_1: e_8$	UNI		
$d_2: h_6$	UF		
	4		
	Coating: AlCrN		
		HA	HB

DIN-6527 K

0901 STUB LENGTH

0901 0911

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	08.00	4	0.15	18.00	●		14,40	0600
8.00	8.00	7.40	58.00	12.00	10.00	4	0.15	22.00	●		22,50	0800
10.00	10.00	9.20	66.00	14.00	12.00	4	0.20	26.00	●		34,15	1000
12.00	12.00	11.20	73.00	16.00	12.00	4	0.20	28.00	●		46,90	1200
14.00	14.00	13.20	75.00	18.00	12.00	4	0.25	30.00	●		68,00	1400
16.00	16.00	15.20	82.00	22.00	12.00	4	0.35	34.00	●		89,40	1600
18.00	18.00	17.20	84.00	24.00	12.00	4	0.40	36.00	●		116,75	1800
20.00	20.00	19.20	92.00	26.00	16.00	4	0.45	42.00	●		146,50	2000

DIN-6527 L

0902 STANDARD LENGTH

0902 0912

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	●		18,75	0300
4.00	6.00	3.50	57.00	11.00	10.00	4	0.10	21.00	●		18,75	0400
5.00	6.00	4.50	57.00	13.00	08.00	4	0.10	21.00	●		18,75	0500
6.00	6.00	5.50	57.00	13.00	08.00	4	0.15	21.00	●		18,75	0600
8.00	8.00	7.40	63.00	19.00	08.00	4	0.15	27.00	●		25,90	0800
10.00	10.00	9.20	72.00	22.00	10.00	4	0.20	32.00	●		40,40	1000
12.00	12.00	11.20	83.00	26.00	12.00	4	0.20	38.00	●		53,40	1200
14.00	14.00	13.20	83.00	26.00	12.00	4	0.25	38.00	●		77,75	1400
16.00	16.00	15.20	92.00	32.00	12.00	4	0.35	44.00	●		96,25	1600
18.00	18.00	17.20	92.00	32.00	12.00	4	0.40	44.00	●		126,90	1800
20.00	20.00	19.20	104.00	38.00	16.00	4	0.45	54.00	●		157,00	2000
25.00	25.00	24.20	121.00	45.00	20.00	4	0.60	65.00	●		272,00	2500

0904 EXTRA LONG LENGTH

0904 0914

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			27,00	0600
8.00	8.00	100.00	50.00	4	0.15			40,40	0800
10.00	10.00	100.00	50.00	4	0.20			56,00	1000
12.00	12.00	150.00	80.00	4	0.20			89,90	1200
16.00	16.00	150.00	80.00	4	0.35			149,00	1600
20.00	20.00	150.00	80.00	4	0.45			227,00	2000

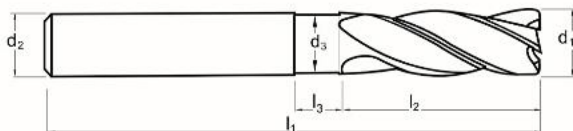
Notes: 1) Ordering Code Example: I.C.E. INOX- 6mm, Stub Length, HB, with Alcrona Coating: EMCA.09110600
 2) Reduce speed and feed by 30% for Extra Long Length cutter



0900

I.C.E INOX MILL

EMRA.



$d_1: e_8$	UNI	
$d_2: h_6$	UF	
		4
± 0.010 mm	Coating: AlCrN	

DIN-6527 L

0902 I.C.E INOX-STD. CORNER RADIUS

0902 0912

d_1 mm	d_2 mm	d_3 mm	l_1 mm	l_2 mm	l_3 mm	z	Corner Radius ± 0.010 mm	Cutting Reach (ap) 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	●		23,90	0601
6.00	6.00	5.50	57.00	13.00	8.00	4	1.0	21.00	●		23,90	0602
6.00	6.00	5.50	57.00	13.00	8.00	4	2.0	21.00	●		23,90	0603
8.00	8.00	7.40	63.00	19.00	8.00	4	0.5	27.00	●		34,75	0801
8.00	8.00	7.40	63.00	19.00	8.00	4	1.0	27.00	●		34,75	0802
8.00	8.00	7.40	63.00	19.00	8.00	4	2.0	27.00	●		35,00	0803
10.00	10.00	9.20	72.00	22.00	10.00	4	0.5	32.00	●		49,15	1001
10.00	10.00	9.20	72.00	22.00	10.00	4	1.0	32.00	●		49,15	1002
10.00	10.00	9.20	72.00	22.00	10.00	4	2.0	32.00	●		49,15	1003
12.00	12.00	11.20	83.00	26.00	12.00	4	0.5	38.00	●		66,50	1201
12.00	12.00	11.20	83.00	26.00	12.00	4	1.0	38.00	●		66,50	1202
12.00	12.00	11.20	83.00	26.00	12.00	4	2.0	38.00	●		65,50	1203
16.00	16.00	15.20	92.00	32.00	12.00	4	0.5	44.00	●		116,25	1601
16.00	16.00	15.20	92.00	32.00	12.00	4	1.0	44.00	●		116,25	1602
16.00	16.00	15.20	92.00	32.00	12.00	4	2.0	44.00	●		116,25	1603
16.00	16.00	15.20	92.00	32.00	12.00	4	3.0	44.00	●		116,25	1604
20.00	20.00	19.20	104.00	38.00	16.00	4	0.5	54.00	●		187,15	2001
20.00	20.00	19.20	104.00	38.00	16.00	4	1.0	54.00	●		187,15	2002
20.00	20.00	19.20	104.00	38.00	16.00	4	2.0	54.00	●		187,15	2003
20.00	20.00	19.20	104.00	38.00	16.00	4	3.0	54.00	●		187,15	2004
25.00	25.00	24.20	121.00	45.00	20.00	4	2.0	65.00			293,50	2501
25.00	25.00	24.20	121.00	45.00	20.00	4	3.0	65.00			293,50	2502

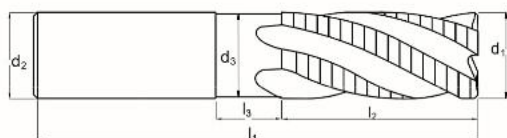
Notes: Ordering Code Example: I.C.E. INOX- 6mm, Std. Corner Radius 0.5, HB, With Alcrona Coating: EMRA.09120601



1100

RHINO INOX MILL

EMCA.



$d_1: e_8$	UNI	
$d_2: h_6$	UF	
	Coating: AlCrN	
		HA HB

DIN-6527 L



1102

STANDARD LENGTH

1102

1112

d_1 mm	d_2 mm	d_3 mm	l_1 mm	l_2 mm	l_3 mm	z	Corner Chamfer (mm)	Cutting Reach (ap) mm	Stock		List Price in €	Ordering No.
									HA	HB		
3.00	6.00	2.75	57.00	8.00	13.00	4	0.10	21.00	●		27,40	0300
4.00	6.00	3.50	57.00	11.00	10.00	4	0.10	21.00	●		27,40	0400
5.00	6.00	4.50	57.00	13.00	08.00	4	0.10	21.00	●		27,40	0500
6.00	6.00	5.50	57.00	13.00	08.00	4	0.15	21.00	●		27,40	0600
8.00	8.00	7.40	63.00	19.00	08.00	4	0.15	27.00	●		36,40	0800
10.00	10.00	9.20	72.00	22.00	10.00	4	0.20	32.00	●		48,25	1000
12.00	12.00	11.20	83.00	26.00	12.00	4	0.20	38.00	●		62,90	1200
14.00	14.00	13.20	83.00	26.00	12.00	4	0.25	38.00	●		81,90	1400
16.00	16.00	15.20	92.00	32.00	12.00	4	0.35	44.00	●		99,50	1600
18.00	18.00	17.20	92.00	32.00	12.00	4	0.40	44.00	●		126,90	1800
20.00	20.00	19.20	104.00	38.00	16.00	4	0.45	54.00	●		156,40	2000
25.00	25.00	24.20	121.00	45.00	20.00	4	0.60	65.00	●		280,65	2500

1104

EXTRA LONG LENGTH

1104

1114

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			40,15	0600
8.00	8.00	100.00	50.00	4	0.15			56,75	0800
10.00	10.00	100.00	50.00	4	0.20			67,90	1000
12.00	12.00	150.00	80.00	4	0.20			105,75	1200
16.00	16.00	150.00	80.00	4	0.35			154,90	1600
20.00	20.00	150.00	80.00	4	0.45			226,15	2000

Notes: 1) Ordering Code Example: RHINO INOX- 6mm, Std. Length, HB, with Alcrona Coating: EMCA11120600

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

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



