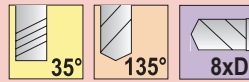
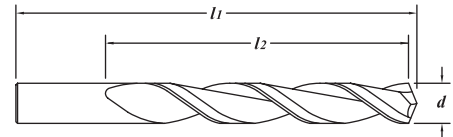


d	+0,0000 -0,0127mm (+.0000" -.0005")
l_1	+3,175 -3,175mm (+.125" -.125")
l_2	+3,175 -3,175mm (+.125" -.125")

.1875" - .3230"
(4,76mm - 8,20mm)



Parabolic - Balinit® HARDLUBE Coated
Parabolische - Balinit® HARDLUBE-Beschichtet
Parabólica - Recubrimiento de Balinit® HARDLUBE
Parabolique - Revêtement Balinit® HARDLUBE
Elicoidale - Rivestimento in Balinit® HARDLUBE
拋物線排屑槽 - Balinit® HARDLUBE 涂层



Solid submicron grain carbide drill
 Wide open flutes and high helix remove chips quickly
 4-facet point
 Recommended for deep holes in soft, non-ferrous materials (aluminum, brass and bronze)
 Live tooling recommended on lathe processes
 Shank tolerance: -0,0025 / -0,0100mm (-.0001" -.0004")



Vollhartmetallbohrer aus Feinkornhartmetall
 Grosse Spannuten und grösserer Spiralwinkel für schnelle Spanentfernung
 4-Fasen-Anschliff Punkt
 Empfohlen für Tiefe Bohrungen in Weiche Nichteisenmetalle (Aluminium, Messing und Bronze)
 Empfehlung fuer den Einsatz auf der Drehmaschine
 Schaft-Toleranz: -0,0025 / -0,0100mm (-.0001" -.0004")



Broca de submicrograno sólido carburo
 Ranuras anchas y abiertas y la hélice más alta evacúan las virutas con la máxima rapidez
 Punta de 4 caras
 Recomendado para orificios profundos en material no ferroso blando (aluminio, latón, bronce)
 Recomendación para la aplicación en torno
 Tolerancia del vástago: -0,0025 / -0,0100mm (-.0001" -.0004")



Forets carbure submicrograin
 Goujures tres larges egale d'hélice eleve pour une évacuation plus rapide des copeaux
 Pointe avec 4 faces de dépouille
 Recommander pour trous profonds dans matieres tenders non ferreuses
 Outillage allumé est conseillé pendant les process avec le tour
 Tolerance de la tige: -0,0025 / -0,0100mm (-.0001" -.0004")



Super sub-micrograno metallo duro
 Elica accentuata per una più veloce evacuazione del truciolo
 Punto 4 facce
 Fori profondi su materiali non ferrosi (alluminio, ottone, bronzo)
 Giri consigliati per forature su tornio
 Tolleranza gambo: -0,0025 / -0,0100mm (-.0001" -.0004")



整体硬质合金钻头
 开放式宽容屑槽和大螺旋角能快速清除切屑
 4-小平面刀尖
 推荐加工在软质有色金属 (铝、黄铜和青铜) 内钻深孔
 推荐在车床加工中
 柄部公差: -0,0025 / -0,0100mm (-.0001" -.0004")

EDP#	$d^{\dagger}$ Diameter			l_1 Overall Length	l_2 Flute Length
	Decimal		Metric		
22436	.1875	3/16"	4,76	3-13/16"	2-5/16"
22441	.1890	#12	4,80	3-13/16"	2-5/16"
22446	.1910	#11	4,85	3-13/16"	2-5/16"
22451	.1935	#10	4,91	3-15/16"	2-7/16"
22456	.1960	#9	4,98	3-15/16"	2-7/16"
22461	.1969		5,00	100	62
22466	.1990	#8	5,05	3-15/16"	2-7/16"
22471	.2010	#7	5,10	3-15/16"	2-7/16"
22476	.2031	13/64"	5,16	3-15/16"	2-7/16"
22481	.2040	#6	5,18	3-15/16"	2-7/16"
22486	.2055	#5	5,22	4"	2-1/2"
22491	.2090	#4	5,31	4"	2-1/2"
22496	.2130	#3	5,41	4"	2-1/2"
22501	.2165		5,50	102	64
22506	.2188	7/32"	5,56	4"	2-1/2"
22511	.2210	#2	5,61	4"	2-1/2"
22516	.2280	#1	5,79	4-1/8"	2-5/8"
22521	.2340	A	5,94	4-1/8"	2-5/8"
22526	.2344	15/64"	5,95	4-1/8"	2-5/8"
22531	.2362		6,00	105	67
22536	.2380	B	6,04	4-1/8"	2-5/8"
22541	.2420	C	6,15	4-1/4"	2-3/4"
22546	.2460	D	6,25	4-1/4"	2-3/4"
22551	.2500	1/4" / E	6,35	4-1/4"	2-3/4"
22556	.2559		6,50	108	70
22561	.2570	F	6,53	4-3/8"	2-7/8"
22566	.2610	G	6,63	4-3/8"	2-7/8"
22571	.2656	17/64"	6,75	4-3/8"	2-7/8"
22576	.2660	H	6,76	4-3/8"	2-7/8"
22581	.2720	I	6,91	4-3/8"	2-7/8"
22586	.2756		7,00	111	73
22591	.2770	J	7,03	4-3/8"	2-7/8"
22596	.2810	K	7,14	4-7/16"	2-15/16"
22601	.2812	9/32"	7,14	4-7/16"	2-15/16"
22606	.2900	L	7,37	4-7/16"	2-15/16"
22611	.2950	M	7,49	4-7/16"	2-15/16"
22616	.2953		7,50	116	78
22621	.2969	19/64"	7,54	4-9/16"	3-1/16"
22626	.3020	N	7,67	4-9/16"	3-1/16"
22631	.3125	5/16"	7,94	4-11/16"	3-3/16"
22636	.3150		8,00	119	81
22641	.3160	O	8,03	4-11/16"	3-3/16"
22646	.3230	P	8,20	4-11/16"	3-3/16"

1800H / z = 2 (continued)

.3281" - .6299"
(8,33mm - 16,00mm)

DRILLS

EDP#	$d^{\dagger}$		l_1	l_2	
	Decimal	Diameter Metric			
22651	.3281	21/64"	8,33	4-11/16"	3-3/16"
22656	.3320	Q	8,43	4-15/16"	3-7/16"
22661	.3346		8,50	125	87
22666	.3390	R	8,61	4-15/16"	3-7/16"
22671	.3438	11/32"	8,73	4-15/16"	3-7/16"
22676	.3480	S	8,84	5"	3-1/2"
22681	.3543		9,00	127	89
22686	.3580	T	9,09	5"	3-1/2"
22691	.3594	23/64"	9,13	5"	3-1/2"
22696	.3680	U	9,35	5"	3-1/2"
22701	.3740		9,50	130	92
22706	.3750	3/8"	9,52	5-1/8"	3-5/8"
22711	.3770	V	9,57	5-1/8"	3-5/8"
22716	.3860	W	9,80	5-1/8"	3-5/8"
22721	.3906	25/64"	9,92	5-1/4"	3-3/4"
22726	.3937		10,00	133	95
22731	.3970	X	10,08	5-1/4"	3-3/4"
22736	.4040	Y	10,26	5-3/8"	3-7/8"
22741	.4062	13/32"	10,32	5-3/8"	3-7/8"
22746	.4130	Z	10,49	5-3/8"	3-7/8"
22751	.4134		10,50	137	98
22756	.4219	27/64"	10,72	5-7/16"	3-15/16"
22761	.4331		11,00	138	100
22766	.4375	7/16"	11,11	5-7/16"	3-15/16"
22771	.4528		11,50	141	103
22776	.4531	29/64"	11,51	5-9/16"	4-5/16"
22781	.4688	15/32"	11,91	5-9/16"	4-5/16"
22786	.4724		12,00	141	110
22791	.4844	31/64"	12,30	5-9/16"	4-5/16"
22796	.4921		12,50	152	114
22801	.5000	1/2"	12,70	6"	4-1/2"
22806	.5118		13,00	152	114
22811	.5156	33/64"	13,10	6"	4-1/2"
22816	.5312	17/32"	13,49	6-1/8"	4-5/8"
22821	.5315		13,50	156	117
22826	.5469	35/64"	13,89	6-1/8"	4-5/8"
22831	.5512		14,00	156	117
22836	.5625	9/16"	14,29	6-1/4"	4-3/4"
22841	.5709		14,50	159	121
22846	.5781	37/64"	14,68	6-1/4"	4-3/4"
22851	.5906		15,00	162	124
22856	.5938	19/32"	15,08	6-3/8"	4-7/8"
22861	.6094	39/64"	15,48	6-7/16"	4-15/16"
22866	.6102		15,50	164	125
22871	.6250	5/8"	15,87	6-9/16"	5-1/16"
22876	.6299		16,00	167	129