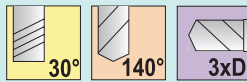


1580H / z = 2

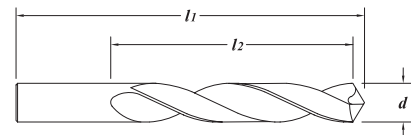
Technical information: page 216-217

.1181" - .2280"
(3,00mm - 5,79mm)

TOLERANCES

d	+0,0000 -0,0127mm (+.0000" -.0005")	
l ₁	≤ 1/8"	+3,175 -1,588mm (+.125" -.062")
	> 1/8"	+3,175 -3,175mm (+.125" -.125")
l ₂	≤ 1/8"	+3,175 -1,588mm (+.125" -.062")
	> 1/8"	+3,175 -3,175mm (+.125" -.125")

Balinit® HARDLUBE Coated
Balinit® HARDLUBE-Beschichtet
Recubrimiento de Balinit® HARDLUBE
Revêtement Balinit® HARDLUBE
Rivestimento in Balinit® HARDLUBE
Balinit® HARDLUBE 涂层



High performance - high penetration solid submicron grain carbide drill
 Extended tool life and greater surface finish through faster SFM rates
 Up to 50% faster than standard carbide drills
 30° helix for better chip evacuation
 Honed cutting edge

Recommended to run in high nickel, high temperature alloys, cobalt-based alloys, stainless steels and tool steels
 Live tooling recommended on lathe processes
 Shank tolerance: -0,0025 / -0,0100mm (-.0001" -.0004")



Hochleistungs- Vollhartmetallbohrer aus Feinkornhartmetall
 Hohe Leistung - Hohe Vorschubgeschwindigkeiten
 Bis zu 50% schneller als Standard Hartmetallbohrer
 30° Spirale für bessere Spanabfuhr
 Gehobte Schneidkante

Empfohlen für Hoch Nickelhaltige und Hochwärmefeste Stähle, Kobaltbasislegierungen, Rostfreier- und Werkzeugstahl
 Empfehlung fuer den Einsatz auf der Drehmaschine
 Schaft-Toleranz: -0,0025 / -0,0100mm (-.0001" -.0004")



Broca de submicrograno sólido carburo de alto rendimiento
 Mayor duración de la herramienta y mejores acabados superficiales gracias al mayor índice SFM
 Hasta un 50% más rápidas que las brocas de carburo convencionales
 Hélice de 30° para una mejor evacuación de viruta
 Labio cortante afilado

Recomendado para aleaciones con alto contenido de níquel, aleaciones de alta temperatura, aleaciones con base de cobalto, aceros inoxidables, y aceros de herramienta
 Recomendación para la aplicación en torno
 Tolerancia del vástago: -0,0025 / -0,0100mm (-.0001" -.0004")



Forets carbure submicrograin a haute performance - haut pouvoir de coupe
 Amélioration de la durée de vie et de l'état de surface en finition aussi avec des avances plus élevées
 50% plus rapide que les forets carbure standards
 Hélice a 30° pour une meilleure évacuation de copeaux
 Préparation de l'arête de coupe

Recommander pour base nickel, alliages a hautes temperatures, alliages de cobalt, aciers inoxydables et aciers a outils
 Outillage allumé est conseillé pendant les process avec le tour
 Tolerance de la tige: -0,0025 / -0,0100mm (-.0001" -.0004")



Alte prestazioni - Alta penetrazioni Super sub-micrograno metallo duro
 Vita utensile più lunga e ottima finitura della superficie con maggiori avanzamenti
 Fino al 50% più veloce rispetto alle punte in metallo duro standard
 Elica a 30° per una migliore evacuazione del truciolo
 Tagliente onato

Raccomandata per lavorazioni su nickel, superleghe, leghe ad alta percentuale di cobalto, inox e acciai per utensili
 Giri consigliati per forature su tornio
 Tolleranza gambo: -0,0025 / -0,0100mm (-.0001" -.0004")



高效率-高进给 高效整体硬质合金钻头
 通过加快切削速度延长刀具使用寿命、提高表面光洁度
 跟普通的硬质合金钻头相比可提高速度高达50%
 30°螺旋角更便于排屑
 切削刃口经过珩磨

高镍耐高温合金、钴基合金、不锈钢和工具钢
 推荐在车床加工中
 柄部公差: -0,0025 / -0,0100mm (-.0001" -.0004")

EDP#	d †		l ₁	l ₂
	Decimal	Metric	Overall Length	Flute Length
20301	.1181	3,00	46	16
20306	.1200	#31	3,05	1-13/16"
20311	.1250	1/8"	3,17	1-15/16"
20316	.1285	#30	3,26	1-15/16"
20321	.1360	#29	3,45	2-1/16"
20326	.1378	3,50	52	19
20331	.1405	#28	3,57	2-1/16"
20336	.1406	9/64"	3,57	2-1/16"
20341	.1440	#27	3,67	2-1/16"
20346	.1470	#26	3,73	2-3/16"
20351	.1495	#25	3,80	2-3/16"
20356	.1520	#24	3,86	2-3/16"
20361	.1540	#23	3,91	2-3/16"
20366	.1562	5/32"	3,97	2-3/16"
20371	.1570	#22	3,99	2-3/16"
20376	.1575	4,00	56	21
20381	.1590	#21	4,04	2-3/16"
20386	.1610	#20	4,09	2-3/16"
20391	.1660	#19	4,22	2-9/32"
20396	.1695	#18	4,30	2-9/32"
20401	.1719	11/64"	4,37	2-9/32"
20406	.1730	#17	4,39	2-9/32"
20411	.1770	#16	4,49	2-9/32"
20416	.1772	4,50	58	24
20421	.1800	#15	4,57	2-9/32"
20426	.1820	#14	4,62	2-9/32"
20431	.1850	#13	4,70	2-9/32"
20436	.1875	3/16"	4,76	2-13/32"
20441	.1890	#12	4,80	2-13/32"
20446	.1910	#11	4,85	2-13/32"
20451	.1935	#10	4,91	2-13/32"
20456	.1960	#9	4,98	2-13/32"
20461	.1969	5,00	61	25
20466	.1990	#8	5,05	2-13/32"
20471	.2010	#7	5,10	2-13/32"
20476	.2031	13/64"	5,16	2-13/32"
20481	.2040	#6	5,18	2-13/32"
20486	.2055	#5	5,22	2-13/32"
20491	.2090	#4	5,31	2-13/32"
20496	.2130	#3	5,41	2-5/8"
20501	.2165	5,50	67	28
20506	.2188	7/32"	5,56	2-5/8"
20511	.2210	#2	5,61	2-5/8"
20516	.2280	#1	5,79	2-5/8"

† Metric equivalents are for reference only

1580H / z = 2 (continued)

.2340" - .5000"
(5,94mm - 12,70mm)

EDP#	$d^{\dagger}$ Diameter		l_1 Overall Length	l_2 Flute Length
	Decimal	Metric		
20521	.2340	A	5,94	2-5/8"
20526	.2344	15/64"	5,95	2-5/8"
20531	.2362	6,00	67	28
20536	.2380	B	6,04	2-3/4"
20541	.2420	C	6,15	2-3/4"
20546	.2460	D	6,25	2-3/4"
20551	.2500	1/4" / E	6,35	2-3/4"
20556	.2559	6,50	70	31
20561	.2570	F	6,53	2-3/4"
20566	.2610	G	6,63	2-3/4"
20571	.2656	17/64"	6,75	2-15/16"
20576	.2660	H	6,76	2-15/16"
20581	.2720	I	6,91	2-15/16"
20586	.2756	7,00	75	34
20591	.2770	J	7,03	2-15/16"
20596	.2810	K	7,14	2-15/16"
20601	.2812	9/32"	7,14	2-15/16"
20606	.2900	L	7,37	2-15/16"
20611	.2950	M	7,49	2-15/16"
20616	.2953	7,50	75	34
20621	.2969	19/64"	7,54	3-3/32"
20626	.3020	N	7,67	3-3/32"
20631	.3125	5/16"	7,94	3-3/32"
20636	.3150	8,00	79	37
20641	.3160	O	8,03	3-3/32"
20646	.3230	P	8,20	3-3/32"
20651	.3281	21/64"	8,33	3-3/32"
20656	.3320	Q	8,43	3-3/32"
20661	.3346	8,50	79	37
20666	.3390	R	8,61	3-5/16"
20671	.3438	11/32"	8,73	3-5/16"
20676	.3480	S	8,84	3-5/16"
20681	.3543	9,00	84	40
20686	.3580	T	9,09	3-5/16"
20691	.3594	23/64"	9,13	3-5/16"
20696	.3680	U	9,35	3-5/16"
20701	.3740	9,50	84	40
20706	.3750	3/8"	9,52	3-1/2"
20711	.3770	V	9,57	3-1/2"
20716	.3860	W	9,80	3-1/2"
20721	.3906	25/64"	9,92	3-1/2"
20726	.3937	10,00	89	43
20731	.3970	X	10,08	3-1/2"
20736	.4040	Y	10,26	3-1/2"
20741	.4062	13/32"	10,32	3-1/2"
20746	.4130	Z	10,49	3-1/2"
20751	.4134	10,50	89	43
20756	.4219	27/64"	10,72	3-3/4"
20761	.4331	11,00	95	46
20766	.4375	7/16"	11,11	3-3/4"
20771	.4528	11,50	95	46
20776	.4531	29/64"	11,51	3-3/4"
20781	.4688	15/32"	11,91	4"
20786	.4724	12,00	102	49
20791	.4844	31/64"	12,30	4"
20796	.4921	12,50	102	49
20801	.5000	1/2"	12,70	4"

continued →

1580H / z = 2 (continued)

.5118" - .6299"
(13,00mm - 16,00mm)

EDP#	$d^{\dagger}$		l_1	l_2	
	Decimal	Diameter Metric			
20806	.5118	13,00	107	53	
20811	.5156	33/64"	13,10	4-7/32"	2-3/32"
20816	.5312	17/32"	13,49	4-7/32"	2-3/32"
20821	.5315	13,50	110	56	
20826	.5469	35/64"	13,89	4-5/16"	2-7/32"
20831	.5512	14,00	110	56	
20836	.5625	9/16"	14,29	4-9/16"	2-15/32"
20841	.5709	14,50	116	63	
20846	.5781	37/64"	14,68	4-15/16"	2-9/16"
20851	.5906	15,00	125	65	
20856	.5938	19/32"	15,08	4-15/16"	2-9/16"
20861	.6094	39/64"	15,48	5-1/16"	2-13/16"
20866	.6102	15,50	129	71	
20871	.6250	5/8"	15,87	5-1/4"	3-1/8"
20876	.6299	16,00	133	79	

