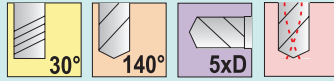


1280KH / z = 2

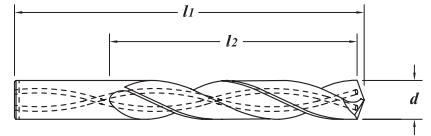
Technical information: page 216-217

.1575" - .2756"
(4,00mm - 7,00mm)

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® HELICA Coated **Balinit® HELICA-Beschichtet** **Recubrimiento de Balinit® HELICA** **Revêtement Balinit® HELICA** **Rivestimento in Balinit® HELICA** **Balinit® HELICA 涂层**



High performance - high penetration solid submicron grain carbide drill
Coolant through capabilities for high pressure coolant systems
Up to 70% 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
Balinit® HELICA is a multi-layer AlCr-based coating designed exclusively for high performance drilling
Live tooling recommended on lathe processes
Shank tolerance: -0,0025 / -0,0100mm (-.0001" - .0004")



Hohe Leistung - Hohe Vorschubgeschwindigkeiten - Vollhartmetallbohrer aus Feinkornhartmetall
Kühlkanäle für Hochdruck Kühlmittelsysteme
Bis zu 70% schneller als Standard Hartmetallbohrer
30° Spirale für bessere Spanabfuhr
Gehönte Schneidkante

Empfohlen für Hoch Nickelhaltige und Hochwärmefeste Stähle, Kobaltbasislegierungen, Rostfreier- und Werkzeugstahl
Balinit HELICA ist eine Multi-Layer-Beschichtung auf AlCr-Basis, speziell entwickelt für Hochleistungsbohrer
Empfehlung fuer den Einsatz auf der Drehmaschine
Schaft-Toleranz: -0,0025 / -0,0100mm (-.0001" - .0004")



Broca de submicrono sólido carburo de alto rendimiento
Orificios de paso refrigerante concebidos para sistemas de refrigeración de alta presión
Hasta un 70% 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
Balinit HELICA es un recubrimiento Multi-Layer sobre la base AlCr, desarrollado especialmente para taladros de alto rendimiento
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
Canaux de refroidissement pour forte pression de systèmes de liquide de refroidissement
70% plus rapide que les forets carbure standards
Helice a 30° pour une meilleure évacuation de copeaux
Préparation de l'arête de coupe

Recommander pour basse 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
Lubrificazione interna per sistemi ad alta pressione
Fino al 70% 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
Balinit HELICA è un rivestimento multi-layer su base Al-Cr specifico per alte prestazioni in foratura
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70%
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
巴尔查斯的 HELICA 涂层是基于 AlCr 的多层涂层, 专为高效钻孔而设计
推荐在车床加工中
柄部公差: -0,0025 / -0,0100mm (-.0001" - .0004")

EDP#	d † Diameter		l ₁ Overall Length	l ₂ Flute Length
	Decimal	Metric		
NEW 25441	.1575	4,00	64	24
NEW 25446	.1590	#21 4,04	2-1/2"	15/16"
NEW 25451	.1610	#20 4,09	2-1/2"	15/16"
NEW 25456	.1660	#19 4,22	2-1/2"	1"
NEW 25461	.1695	#18 4,30	2-1/2"	1"
NEW 25466	.1719	11/64" 4,37	2-1/2"	1"
NEW 25471	.1730	#17 4,39	2-1/2"	1"
NEW 25476	.1770	#16 4,49	2-1/2"	1"
NEW 25481	.1772	4,50	64	25
NEW 25486	.1800	#15 4,57	2-3/4"	1"
NEW 25491	.1820	#14 4,62	2-3/4"	1"
NEW 25496	.1850	#13 4,70	2-3/4"	1-1/4"
NEW 25501	.1875	3/16" 4,76	2-3/4"	1-1/4"
NEW 25506	.1890	#12 4,80	2-3/4"	1-1/4"
NEW 25511	.1910	#11 4,85	2-3/4"	1-1/4"
NEW 25516	.1935	#10 4,91	2-3/4"	1-1/4"
NEW 25521	.1960	#9 4,98	3"	1-5/16"
NEW 25526	.1969	5,00	76	33
NEW 25531	.1990	#8 5,05	3"	1-5/16"
NEW 25536	.2010	#7 5,10	3"	1-5/16"
NEW 25541	.2031	13/64" 5,16	3"	1-5/16"
NEW 25546	.2040	#6 5,18	3"	1-3/8"
NEW 25551	.2055	#5 5,22	3"	1-3/8"
NEW 25556	.2090	#4 5,31	3"	1-3/8"
NEW 25561	.2130	#3 5,41	3"	1-3/8"
NEW 25566	.2165	5,50	76	35
25571	.2188	7/32" 5,56	3"	1-3/8"
25576	.2210	#2 5,61	3"	1-3/8"
25581	.2280	#1 5,79	3"	1-3/8"
25586	.2340	A 5,94	3-1/4"	1-1/2"
25591	.2344	15/64" 5,95	3-1/4"	1-1/2"
25596	.2362	6,00	83	38
25601	.2380	B 6,04	3-1/4"	1-5/8"
25606	.2420	C 6,15	3-1/4"	1-5/8"
25611	.2460	D 6,25	3-1/4"	1-5/8"
25616	.2500	1/4" / E 6,35	3-1/4"	1-5/8"
25621	.2559	6,50	83	41
25626	.2570	F 6,53	3-1/4"	1-11/16"
25631	.2610	G 6,63	3-1/2"	1-11/16"
25636	.2656	17/64" 6,75	3-1/2"	1-11/16"
25641	.2660	H 6,76	3-1/2"	1-11/16"
25646	.2720	I 6,91	3-1/2"	1-11/16"
25651	.2756	7,00	89	43

1280KH / z = 2 (continued)

.2770" - .6299"
(7,03mm - 16,00mm)

HIGH PERFORMANCE
DRILLS

EDP#	$d^{\dagger}$ Diameter		l_1 Overall Length	l_2 Flute Length
	Decimal	Metric		
25656	.2770	J	7,03	3-1/2"
25661	.2810	K	7,14	3-1/2"
25666	.2812	9/32"	7,14	3-1/2"
25671	.2900	L	7,37	3-1/2"
25676	.2950	M	7,49	3-3/4"
25681	.2953		7,50	95
25686	.2969	19/64"	7,54	3-3/4"
25691	.3020	N	7,67	3-3/4"
25696	.3125	5/16"	7,94	3-3/4"
25701	.3150		8,00	95
25706	.3160	O	8,03	3-3/4"
25711	.3230	P	8,20	3-3/4"
25716	.3281	21/64"	8,33	4"
25721	.3320	Q	8,43	4"
25726	.3346		8,50	102
25731	.3390	R	8,61	4"
25736	.3438	11/32"	8,73	4"
25741	.3480	S	8,84	4"
25746	.3543		9,00	102
25751	.3580	T	9,09	4-1/4"
25756	.3594	23/64"	9,13	4-1/4"
25761	.3680	U	9,35	4-1/4"
25766	.3740		9,50	108
25771	.3750	3/8"	9,52	4-1/4"
25776	.3770	V	9,57	4-1/4"
25781	.3860	W	9,80	4-1/2"
25786	.3906	25/64"	9,92	4-1/2"
25791	.3937		10,00	114
25796	.3970	X	10,08	4-1/2"
25801	.4040	Y	10,26	4-1/2"
25806	.4062	13/32"	10,32	4-1/2"
25811	.4130	Z	10,49	4-1/2"
25816	.4134		10,50	114
25821	.4219	27/64"	10,72	4-1/2"
25826	.4331		11,00	114
25831	.4375	7/16"	11,11	4-3/4"
25836	.4528		11,50	121
25841	.4531	29/64"	11,51	4-3/4"
25846	.4688	15/32"	11,91	4-3/4"
25851	.4724		12,00	121
25856	.4844	31/64"	12,30	5-5/16"
25861	.4921		12,50	135
25866	.5000	1/2"	12,70	5-3/8"
25871	.5118		13,00	137
25876	.5156	33/64"	13,10	5-3/8"
25881	.5312	17/32"	13,49	5-11/16"
25886	.5315		13,50	144
25891	.5469	35/64"	13,89	5-13/16"
25896	.5512		14,00	148
25901	.5625	9/16"	14,29	5-15/16"
25906	.5709		14,50	151
25911	.5781	37/64"	14,68	6"
25916	.5906		15,00	152
25921	.5938	19/32"	15,08	6"
25926	.6094	39/64"	15,48	6-3/16"
25931	.6102		15,50	157
25936	.6250	5/8"	15,87	6-5/16"
25941	.6299		16,00	160