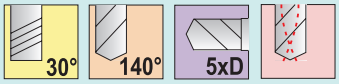
1280KD / z = 2

Technical information: page 216-217

4,00mm - 7,50mm
(.1575" - .2953")

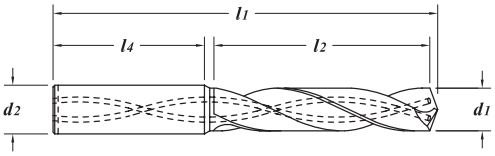
NEW SERIES



TOLERANCES

d_1	3mm - 6mm	+0,016 +0,004mm (+.00063" +.00015")
	> 6mm - 10mm	+0,021 +0,006mm (+.00082" +.00023")
	> 10mm - 18mm	+0,025 +0,007mm (+.00098" +.00027")
	> 18mm - 20mm	+0,029 +0,008mm (+.00114" +.00031")
d_2	6mm	+0,000 –0,008mm (+.00000" –.00030")
	8mm - 10mm	+0,000 –0,009mm (+.00000" –.00035")
	12mm - 18mm	+0,000 –0,011mm (+.00000" –.00040")
	20mm	+0,000 –0,013mm (+.00000" –.00050")

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



High performance solid submicron grain carbide drill with reinforced shank
Utilizes DIN standard 6537
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

Hochleistungs Bohrer aus Feinkornhartmetall mit verstärktem Schaft
gefertigt nach DIN-Standard 6537
Bis zu 70% schneller als Standard Hartmetallbohrer
30° Spirale für bessere Spanabfuhr
Gehonte Schneidkante
Empfohlen für Hoch Nickelhaltige und Hochwarmfeste 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

Taladro de alto rendimiento de metal submicrónico duro con vástago
Producido según DIN-Standard 6537
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

Haute prestation avec drille à grain solide submicron carbure avec tige renforcé
Utiliser DIN standard 6537
70% plus rapide que les forets carbure standarts
Helice a 30° pour une meilleure evacuation de copeaux
Preparation de l'arete de coupe
Recommander pour base nickel, alliages a hautes temperatures, alliages de cobalt, aciers inoxydables et aciers a outils
Balinit HELICA est un AlCr-base aves revêtement multi-couche projeté exclusivement pout hautes prestations
Outillage allumé est conseillé pendant les process avec le tour

Punte in sub-micro grana con gambo rinforzato per alte prestazioni
DIN 6537 Standard
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 é un rivestimento multi-layer su base Al-Cr specifico per alte prestazioni in foratura
Giri consigliati per forature su tornio

带加强柄的超细高效整体硬质合金钻头
适用 DIN 6537 标准
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
切削刃口经过研磨
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

EDP#	d_1 Diameter Decimal	d_1 Diameter Metric	d_2 Shank Diameter	l_1 Overall Length	l_2 Flute Length	l_4 Shank Length
25205	.1575"	4,00	6,0	74	36	36
25215	.1614"	4,10	6,0	74	36	36
25225	.1654"	4,20	6,0	74	36	36
25235	.1673"	4,25	6,0	74	36	36
25245	.1693"	4,30	6,0	74	36	36
25255	.1732"	4,40	6,0	74	36	36
25265	.1772"	4,50	6,0	74	36	36
25275	.1811"	4,60	6,0	74	36	36
25285	.1831"	4,65	6,0	74	36	36
25295	.1850"	4,70	6,0	74	36	36
25305	.1870"	4,75	6,0	74	36	36
25315	.1890"	4,80	6,0	82	44	36
25325	.1929"	4,90	6,0	82	44	36
25335	.1969"	5,00	6,0	82	44	36
25345	.2008"	5,10	6,0	82	44	36
25355	.2027"	5,15	6,0	82	44	36
25365	.2047"	5,20	6,0	82	44	36
25375	.2087"	5,30	6,0	82	44	36
25385	.2165"	5,50	6,0	82	44	36
25395	.2185"	5,55	6,0	82	44	36
25397	.2205"	5,60	6,0	82	44	36
25400	.2243"	5,70	6,0	82	44	36
25405	.2283"	5,80	6,0	82	44	36
25415	.2323"	5,90	6,0	82	44	36
25425	.2342"	5,95	6,0	82	44	36
25435	.2362"	6,00	6,0	82	44	36
25437	.2402"	6,10	8,0	91	53	36
25440	.2441"	6,20	8,0	91	53	36
25443	.2480"	6,30	8,0	91	53	36
25445	.2500"	6,35	8,0	91	53	36
25450	.2520"	6,40	8,0	91	53	36
25455	.2559"	6,50	8,0	91	53	36
25457	.2571"	6,53	8,0	91	53	36
25460	.2598"	6,60	8,0	91	53	36
25463	.2638"	6,70	8,0	91	53	36
25465	.2657"	6,75	8,0	91	53	36
25475	.2677"	6,80	8,0	91	53	36
25485	.2717"	6,90	8,0	91	53	36
25495	.2756"	7,00	8,0	91	53	36
25505	.2795"	7,10	8,0	91	53	36
25515	.2815"	7,15	8,0	91	53	36
25525	.2835"	7,20	8,0	91	53	36
25530	.2874"	7,30	8,0	91	53	36
25535	.2913"	7,40	8,0	91	53	36
25545	.2953"	7,50	8,0	91	53	36

1280KD / z = 2 *(continued)*

7,55mm - 12,95mm
(.2972" - .5098")

EDP#	d_1 Diameter Decimal	Diameter Metric	d_2 Shank Diameter	l_1 Overall Length	l_2 Flute Length	l_4 Shank Length
25555	.2972"	7,55	8,0	91	53	36
25565	.2992"	7,60	8,0	91	53	36
25575	.3031"	7,70	8,0	91	53	36
25585	.3071"	7,80	8,0	91	53	36
25595	.3130"	7,95	8,0	91	53	36
25605	.3150"	8,00	8,0	91	53	36
25610	.3189"	8,10	10,0	103	61	40
25615	.3228"	8,20	10,0	103	61	40
25625	.3268"	8,30	10,0	103	61	40
25635	.3287"	8,35	10,0	103	61	40
25640	.3307"	8,40	10,0	103	61	40
25645	.3346"	8,50	10,0	103	61	40
25655	.3386"	8,60	10,0	103	61	40
25665	.3425"	8,70	10,0	103	61	40
25675	.3445"	8,75	10,0	103	61	40
25685	.3465"	8,80	10,0	103	61	40
25695	.3504"	8,90	10,0	103	61	40
25705	.3543"	9,00	10,0	103	61	40
25715	.3583"	9,10	10,0	103	61	40
25725	.3602"	9,15	10,0	103	61	40
25735	.3622"	9,20	10,0	103	61	40
25745	.3661"	9,30	10,0	103	61	40
25750	.3701"	9,40	10,0	103	61	40
25755	.3740"	9,50	10,0	103	61	40
25765	.3760"	9,55	10,0	103	61	40
25767	.3780"	9,60	10,0	103	61	40
25770	.3819"	9,70	10,0	103	61	40
25775	.3858"	9,80	10,0	103	61	40
25785	.3898"	9,90	10,0	103	61	40
25795	.3937"	10,00	10,0	103	61	40
25800	.3976"	10,10	12,0	118	71	45
25805	.4016"	10,20	12,0	118	71	45
25815	.4055"	10,30	12,0	118	71	45
25825	.4134"	10,50	12,0	118	71	45
25830	.4173"	10,60	12,0	118	71	45
25835	.4213"	10,70	12,0	118	71	45
25845	.4252"	10,80	12,0	118	71	45
25855	.4331"	11,00	12,0	118	71	45
25865	.4370"	11,10	12,0	118	71	45
25875	.4409"	11,20	12,0	118	71	45
25880	.4488"	11,40	12,0	118	71	45
25885	.4528"	11,50	12,0	118	71	45
25895	.4606"	11,70	12,0	118	71	45
25905	.4685"	11,90	12,0	118	71	45
25915	.4724"	12,00	12,0	118	71	45
25925	.4764"	12,10	14,0	124	77	45
25930	.4803"	12,20	14,0	124	77	45
25935	.4842"	12,30	14,0	124	77	45
25940	.4882"	12,40	14,0	124	77	45
25945	.4921"	12,50	14,0	124	77	45
25950	.4961"	12,60	14,0	124	77	45
25955	.5000"	12,70	14,0	124	77	45
25960	.5039"	12,80	14,0	124	77	45
25961	.5051"	12,83	14,0	124	77	45
25963	.5079"	12,90	14,0	124	77	45
25964	.5098"	12,95	14,0	124	77	45

continued →

1280KD / z = 2 *(continued)*

13,00mm - 20,00mm
(.5118" - .7874")

EDP#	d_1 Diameter Decimal	d_1 Diameter Metric	d_2 Shank Diameter	l_1 Overall Length	l_2 Flute Length	l_4 Shank Length
25965	.5118"	13,00	14,0	124	77	45
25975	.5157"	13,10	14,0	124	77	45
25981	.5236"	13,30	14,0	124	77	45
25985	.5315"	13,50	14,0	124	77	45
25995	.5394"	13,70	14,0	124	77	45
26005	.5433"	13,80	14,0	124	77	45
26015	.5512"	14,00	14,0	124	77	45
26025	.5551"	14,10	16,0	133	83	48
26027	.5591"	14,20	16,0	133	83	48
26035	.5610"	14,25	16,0	133	83	48
26045	.5630"	14,30	16,0	133	83	48
26055	.5709"	14,50	16,0	133	83	48
26065	.5787"	14,70	16,0	133	83	48
26067	.5827"	14,80	16,0	133	83	48
26075	.5906"	15,00	16,0	133	83	48
26085	.5945"	15,10	16,0	133	83	48
26095	.6102"	15,50	16,0	133	83	48
26105	.6181"	15,70	16,0	133	83	48
26107	.6220"	15,80	16,0	133	83	48
26115	.6299"	16,00	16,0	133	83	48
26118	.6331"	16,08	18,0	143	93	48
26119	.6339"	16,10	18,0	143	93	48
26123	.6378"	16,20	18,0	143	93	48
26125	.6398"	16,25	18,0	143	93	48
26135	.6496"	16,50	18,0	143	93	48
26145	.6555"	16,65	18,0	143	93	48
26155	.6693"	17,00	18,0	143	93	48
26165	.6713"	17,05	18,0	143	93	48
26175	.6870"	17,45	18,0	143	93	48
26185	.6890"	17,50	18,0	143	93	48
26195	.7027"	17,85	18,0	143	93	48
26205	.7087"	18,00	18,0	143	93	48
26215	.7185"	18,25	20,0	153	101	50
26225	.7283"	18,50	20,0	153	101	50
26235	.7342"	18,65	20,0	153	101	50
26245	.7480"	19,00	20,0	153	101	50
26255	.7500"	19,05	20,0	153	101	50
26256	.7520"	19,10	20,0	153	101	50
26257	.7539"	19,15	20,0	153	101	50
26258	.7559"	19,20	20,0	153	101	50
26259	.7579"	19,25	20,0	153	101	50
26260	.7590"	19,28	20,0	153	101	50
26261	.7598"	19,30	20,0	153	101	50
26265	.7638"	19,40	20,0	153	101	50
26275	.7677"	19,50	20,0	153	101	50
26281	.7795"	19,80	20,0	153	101	50
26285	.7815"	19,85	20,0	153	101	50
26295	.7874"	20,00	20,0	153	101	50