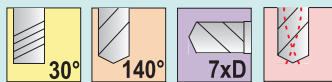


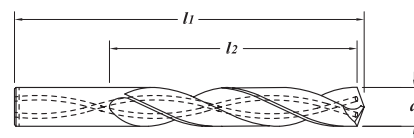
.1575" - .2810"  
(4,00mm - 7,14mm)



## TOLERANCES

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

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  
 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  
 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

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  
 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

Outils allumés 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

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 <sub>1</sub><br>Overall Length | l <sub>2</sub><br>Flute Length |
|-----------|---------|-----------------|----------------------------------|--------------------------------|
|           | Decimal | Diameter Metric |                                  |                                |
| NEW 26441 | .1575   | 4,00            | 76                               | 38                             |
| NEW 26446 | .1590   | #21 4,04        | 3"                               | 1-1/2"                         |
| NEW 26451 | .1610   | #20 4,09        | 3"                               | 1-1/2"                         |
| NEW 26456 | .1660   | #19 4,22        | 3"                               | 1-1/2"                         |
| NEW 26461 | .1695   | #18 4,30        | 3-1/2"                           | 1-3/4"                         |
| NEW 26466 | .1719   | 11/64" 4,37     | 3-1/2"                           | 1-3/4"                         |
| NEW 26471 | .1730   | #17 4,39        | 3-1/2"                           | 1-3/4"                         |
| NEW 26476 | .1770   | #16 4,49        | 3-1/2"                           | 1-3/4"                         |
| NEW 26481 | .1772   | 4,50            | 88                               | 45                             |
| NEW 26486 | .1800   | #15 4,57        | 3-1/2"                           | 1-3/4"                         |
| NEW 26491 | .1820   | #14 4,62        | 3-1/2"                           | 1-3/4"                         |
| NEW 26496 | .1850   | #13 4,70        | 3-1/2"                           | 1-3/4"                         |
| NEW 26501 | .1875   | 3/16" 4,76      | 4"                               | 2"                             |
| NEW 26506 | .1890   | #12 4,80        | 4"                               | 2"                             |
| NEW 26511 | .1910   | #11 4,85        | 4"                               | 2"                             |
| NEW 26516 | .1935   | #10 4,91        | 4"                               | 2"                             |
| NEW 26521 | .1960   | #9 4,98         | 4"                               | 2"                             |
| NEW 26526 | .1969   | 5,00            | 102                              | 50                             |
| NEW 26531 | .1990   | #8 5,05         | 4"                               | 2"                             |
| NEW 26536 | .2010   | #7 5,10         | 4"                               | 2"                             |
| NEW 26541 | .2031   | 13/64" 5,16     | 4"                               | 2"                             |
| NEW 26546 | .2040   | #6 5,18         | 4"                               | 2"                             |
| NEW 26551 | .2055   | #5 5,22         | 4"                               | 2"                             |
| NEW 26556 | .2090   | #4 5,31         | 4"                               | 2"                             |
| NEW 26561 | .2130   | #3 5,41         | 4"                               | 2"                             |
| NEW 26566 | .2165   | 5,50            | 102                              | 50                             |
| 26571     | .2188   | 7/32" 5,56      | 4"                               | 2"                             |
| 26576     | .2210   | #2 5,61         | 4"                               | 2"                             |
| 26581     | .2280   | #1 5,79         | 4-1/8"                           | 2-1/8"                         |
| 26586     | .2340   | A 5,94          | 4-1/8"                           | 2-1/8"                         |
| 26591     | .2344   | 15/64" 5,95     | 4-1/8"                           | 2-1/8"                         |
| 26596     | .2362   | 6,00            | 105                              | 55                             |
| 26601     | .2380   | B 6,04          | 4-1/8"                           | 2-1/8"                         |
| 26606     | .2420   | C 6,15          | 4-1/4"                           | 2-1/4"                         |
| 26611     | .2460   | D 6,25          | 4-1/4"                           | 2-1/4"                         |
| 26616     | .2500   | 1/4" / E 6,35   | 4-1/4"                           | 2-1/4"                         |
| 26621     | .2559   | 6,50            | 108                              | 58                             |
| 26626     | .2570   | F 6,53          | 4-3/8"                           | 2-3/8"                         |
| 26631     | .2610   | G 6,63          | 4-3/8"                           | 2-3/8"                         |
| 26636     | .2656   | 17/64" 6,75     | 4-3/8"                           | 2-3/8"                         |
| 26641     | .2660   | H 6,76          | 4-3/8"                           | 2-3/8"                         |
| 26646     | .2720   | I 6,91          | 4-3/8"                           | 2-3/8"                         |
| 26651     | .2756   | 7,00            | 111                              | 61                             |
| 26656     | .2770   | J 7,03          | 4-3/8"                           | 2-3/8"                         |
| 26661     | .2810   | K 7,14          | 4-7/16"                          | 2-7/16"                        |

continued →

# 1880KH / z = 2 (continued)

.2812" - .6299"  
(7,14mm - 16,00mm)

| EDP#  | $d^{\dagger}$ |          |              | $l_1$          | $l_2$        |
|-------|---------------|----------|--------------|----------------|--------------|
|       | Decimal       | Diameter | Metric       | Overall Length | Flute Length |
| 26666 | .2812         | 9/32"    | 7,14         | 4-7/16"        | 2-7/16"      |
| 26671 | .2900         | L        | 7,37         | 4-7/16"        | 2-7/16"      |
| 26676 | .2950         | M        | 7,49         | 4-7/16"        | 2-7/16"      |
| 26681 | .2953         |          | <b>7,50</b>  | <b>116</b>     | <b>66</b>    |
| 26686 | .2969         | 19/64"   | 7,54         | 4-9/16"        | 2-9/16"      |
| 26691 | .3020         | N        | 7,67         | 4-9/16"        | 2-9/16"      |
| 26696 | .3125         | 5/16"    | 7,94         | 4-11/16"       | 2-9/16"      |
| 26701 | .3150         |          | <b>8,00</b>  | <b>119</b>     | <b>69</b>    |
| 26706 | .3160         | O        | 8,03         | 4-11/16"       | 2-11/16"     |
| 26711 | .3230         | P        | 8,20         | 4-11/16"       | 2-11/16"     |
| 26716 | .3281         | 21/64"   | 8,33         | 4-11/16"       | 2-11/16"     |
| 26721 | .3320         | Q        | 8,43         | 4-15/16"       | 2-15/16"     |
| 26726 | .3346         |          | <b>8,50</b>  | <b>125</b>     | <b>75</b>    |
| 26731 | .3390         | R        | 8,61         | 4-15/16"       | 2-15/16"     |
| 26736 | .3438         | 11/32"   | 8,73         | 4-15/16"       | 2-15/16"     |
| 26741 | .3480         | S        | 8,84         | 5"             | 3"           |
| 26746 | .3543         |          | <b>9,00</b>  | <b>127</b>     | <b>77</b>    |
| 26751 | .3580         | T        | 9,09         | 5"             | 3"           |
| 26756 | .3594         | 23/64"   | 9,13         | 5"             | 3"           |
| 26761 | .3680         | U        | 9,35         | 5"             | 3"           |
| 26766 | .3740         |          | <b>9,50</b>  | <b>130</b>     | <b>80</b>    |
| 26771 | .3750         | 3/8"     | 9,52         | 5-1/8"         | 3-1/8"       |
| 26776 | .3770         | V        | 9,57         | 5-1/8"         | 3-1/8"       |
| 26781 | .3860         | W        | 9,80         | 5-1/8"         | 3-1/8"       |
| 26786 | .3906         | 25/64"   | 9,92         | 5-1/4"         | 3-1/4"       |
| 26791 | .3937         |          | <b>10,00</b> | <b>133</b>     | <b>83</b>    |
| 26796 | .3970         | X        | 10,08        | 5-1/4"         | 3-1/4"       |
| 26801 | .4040         | Y        | 10,26        | 5-3/8"         | 3-3/8"       |
| 26806 | .4062         | 13/32"   | 10,32        | 5-3/8"         | 3-3/8"       |
| 26811 | .4130         | Z        | 10,49        | 5-3/8"         | 3-3/8"       |
| 26816 | .4134         |          | <b>10,50</b> | <b>137</b>     | <b>86</b>    |
| 26821 | .4219         | 27/64"   | 10,72        | 5-7/16"        | 3-7/16"      |
| 26826 | .4331         |          | <b>11,00</b> | <b>138</b>     | <b>88</b>    |
| 26831 | .4375         | 7/16"    | 11,11        | 5-7/16"        | 3-7/16"      |
| 26836 | .4528         |          | <b>11,50</b> | <b>141</b>     | <b>91</b>    |
| 26841 | .4531         | 29/64"   | 11,51        | 5-9/16"        | 3-13/16"     |
| 26846 | .4688         | 15/32"   | 11,91        | 5-9/16"        | 3-13/16"     |
| 26851 | .4724         |          | <b>12,00</b> | <b>141</b>     | <b>98</b>    |
| 26856 | .4844         | 31/64"   | 12,30        | 5-9/16"        | 3-13/16"     |
| 26861 | .4921         |          | <b>12,50</b> | <b>152</b>     | <b>102</b>   |
| 26866 | .5000         | 1/2"     | 12,70        | 6"             | 4"           |
| 26871 | .5118         |          | <b>13,00</b> | <b>152</b>     | <b>102</b>   |
| 26876 | .5156         | 33/64"   | 13,10        | 6"             | 4"           |
| 26881 | .5312         | 17/32"   | 13,49        | 6-1/8"         | 4-1/8"       |
| 26886 | .5315         |          | <b>13,50</b> | <b>156</b>     | <b>105</b>   |
| 26891 | .5469         | 35/64"   | 13,89        | 6-1/8"         | 4-1/8"       |
| 26896 | .5512         |          | <b>14,00</b> | <b>156</b>     | <b>105</b>   |
| 26901 | .5625         | 9/16"    | 14,29        | 6-1/4"         | 4-3/8"       |
| 26906 | .5709         |          | <b>14,50</b> | <b>159</b>     | <b>109</b>   |
| 26911 | .5781         | 37/64"   | 14,68        | 6-1/4"         | 4-3/8"       |
| 26916 | .5906         |          | <b>15,00</b> | <b>162</b>     | <b>112</b>   |
| 26921 | .5938         | 19/32"   | 15,08        | 6-3/8"         | 4-3/8"       |
| 26926 | .6094         | 39/64"   | 15,48        | 6-7/16"        | 4-7/16"      |
| 26931 | .6102         |          | <b>15,50</b> | <b>164</b>     | <b>113</b>   |
| 26936 | .6250         | 5/8"     | 15,87        | 6-9/16"        | 4-9/16"      |
| 26941 | .6299         |          | <b>16,00</b> | <b>167</b>     | <b>117</b>   |