HNC-Plus-Hochleistungsreibahle für Grund- und Durchgangsloch
Fortsetzung

| $\begin{gathered} \text { Nenn- } \varnothing \\ \mathrm{mm} \end{gathered}$ | Schneidenlänge mm | Gesamtlänge mm | Schaft- $\varnothing$ h6 mm | Schneidenanzahl Stück | BECK |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | 1590 | Bestell- |
|  |  |  |  |  | TiAIN | Nr . |
|  |  |  |  |  | € |  |
| 13 | 22 | 90 | 12 | 6 | 268,50 0 | ... 1300 |
| 14 | 22 | 95 | 14 | 6 | 286,50 $\bigcirc$ | ... 1400 |
| 15 | 22 | 100 | 14 | 6 | 292,50 $\bigcirc$ | ... 1500 |
| 16 | 25 | 105 | 16 | 6 | 313,50 $\bigcirc$ | ... 1600 |
| 17 | 25 | 110 | 16 | 6 | 335,50 $\bigcirc$ | ... 1700 |
| 18 | 25 | 110 | 18 | 6 | 357,50 $\bigcirc$ | ... 1800 |
| 19 | 25 | 110 | 18 | 6 | 384,00 - | ... 1900 |
| 20 | 25 | 115 | 20 | 6 | 409,00 - | ... 2000 |

## HNC-Hochleistungs-Reibahle für Durchgangsloch

Ausführung: Hochleistungs-Reibahle HNC mit IK für Durchgangsloch, mit spezieller HPC-Schneidengeometrie, rechtsschneidend, drallgenutet, EU-Teilung, für die Aufnahme in Hydrodehn-, Schrumpf- und Hochgenauigkeitsfuttern. Volle $\varnothing$-Passung H7, Hundertstel- $\varnothing$-Toleranz ( 0 bis $+0,004 \mathrm{~mm}$ ).

Anwendung: Zum Reiben von Durchgangsbohrungen.


| Einsatz | STAHL |  |  | Inox |  |  | GUSS |  | SOND.-LEG. | NE-METALLE |  |  |  | GEHÄRTETER STAHL |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & <700 \\ & \mathrm{~N} / \mathrm{mm}^{2} \end{aligned}$ | $\begin{aligned} & <1000 \\ & \mathrm{~N} / \mathrm{mm}^{2} \end{aligned}$ | $\begin{aligned} & <1400 \\ & \mathrm{~N} / \mathrm{mm}^{2} \end{aligned}$ | ferrit./ martens. | austenitisch | Duplex | $\begin{aligned} & \text { GG/ } \\ & \text { GTS } \end{aligned}$ | GGG | $\begin{gathered} \text { Titan > } \\ 850 \mathrm{~N} / \mathrm{mm}^{2} \end{gathered}$ | $\begin{gathered} \text { Alu< } \\ 8 \% \mathrm{Si} \end{gathered}$ | $\begin{gathered} \text { Alu }> \\ 8 \% \mathrm{Si} \end{gathered}$ | Kupfer/ KupferLeg. | Graphit/ GFK/CFK/ Duropl. | $\begin{aligned} & <55 \\ & \text { HRC } \end{aligned}$ | $\begin{aligned} & <60 \\ & \text { HRC } \end{aligned}$ | $\begin{aligned} & >60 \\ & \text { HRC } \end{aligned}$ | Bestell- <br> Nr . |
| $\mathrm{V}_{\mathrm{c}}[\mathrm{m} / \mathrm{min}]$ | 180 | 140 | 140 | - | - | - | 110 | 90 | - | - | - | - | - | - | - | - | 1583 |


| $\begin{gathered} \text { Nenn- } \varnothing \\ \mathrm{mm} \end{gathered}$ | Schneidenlänge mm | Gesamtlänge mm | $\begin{gathered} \text { Schaft- } \varnothing \\ \text { h6 } \\ \text { mm } \end{gathered}$ | BECK |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 1583 | Bestell- |
|  |  |  |  | TiAIN | Nr. |
|  |  |  |  | € |  |
| 3,97 | 12 | 75 | 6 | 126,00 $\wedge$ | ... 0397 |
| 3,98 | 12 | 75 | 6 | 126,00 $\bigcirc$ | ... 0398 |
| 3,99 | 12 | 75 | 6 | 126,00 $\bigcirc$ | ... 0399 |
| 4 | 12 | 75 | 6 | 117,50 | ... 0400 |
| 4,01 | 12 | 75 | 6 | 126,00 $\wedge$ | ... 0401 |
| 4,02 | 12 | 75 | 6 | 126,00 $\bigcirc$ | ... 0402 |
| 4,03 | 12 | 75 | 6 | 126,00 $\bigcirc$ | ... 0403 |
| 4,5 | 12 | 75 | 6 | 131,50 | ... 0450 |
| 4,97 | 12 | 75 | 6 | 131,50 $\wedge$ | ... 0497 |
| 4,98 | 12 | 75 | 6 | 131,50 0 | ... 0498 |
| 4,99 | 12 | 75 | 6 | 131,50 $\bigcirc$ | ... 0499 |
| 5 | 12 | 75 | 6 | 120,50 | ... 0500 |
| 5,01 | 12 | 75 | 6 | 131,50 $\bigcirc$ | ... 0501 |
| 5,02 | 12 | 75 | 6 | 131,50 0 | ... 0502 |
| 5,03 | 12 | 75 | 6 | 131,50 $\bigcirc$ | ... 0503 |
| 5,5 | 12 | 75 | 6 | 135,00 | ... 0550 |
| 5,97 | 12 | 75 | 6 | 135,00 $\wedge$ | ... 0597 |
| 5,98 | 12 | 75 | 6 | 135,00 $\wedge$ | ... 0598 |
| 5,99 | 12 | 75 | 6 | 135,00 $\downarrow$ | ... 0599 |
| 6 | 12 | 75 | 6 | 124,50 | ... 0600 |
| 6,01 | 12 | 75 | 6 | 135,00 $\bigcirc$ | ... 0601 |
| 6,02 | 12 | 75 | 6 | 135,00 $\bigcirc$ | ... 0602 |
| 6,03 | 12 | 75 | 6 | 135,00 $\wedge$ | ... 0603 |
| 6,5 | 16 | 100 | 8 | 129,50 | ... 0650 |
| 7 | 16 | 100 | 8 | 121,00 | ... 0700 |
| 7,5 | 16 | 100 | 8 | 142,50 | ... 0750 |
| 7,97 | 16 | 100 | 8 | 142,50 $\bigcirc$ | ... 0797 |
| 7,98 | 16 | 100 | 8 | 142,50 $\bigcirc$ | ... 0798 |
| 7,99 | 16 | 100 | 8 | 142,50 $\bigcirc$ | ... 0799 |
| 8 | 16 | 100 | 8 | 131,50 | ... 0800 |
| 8,01 | 16 | 100 | 8 | 142,50 $\bigcirc$ | ... 0801 |


| $\begin{gathered} \text { Nenn- } \varnothing \\ \mathrm{mm} \end{gathered}$ | Schneidenlänge mm | Gesamtlänge mm | Schaft- $\varnothing$ h6 mm | BECK | Bestell- <br> Nr. |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 1583 |  |
|  |  |  |  | TiAIN |  |
|  |  |  |  | $€$ |  |
| 8,02 | 16 | 100 | 8 | 142,50 $\bigcirc$ | ... 0802 |
| 8,03 | 16 | 100 | 8 | 142,50 $\bigcirc$ | ... 0803 |
| 8,5 | 20 | 100 | 10 | 162,00 | ... 0850 |
| 9 | 20 | 100 | 10 | 153,50 | ... 0900 |
| 9,5 | 20 | 120 | 10 | 162,00 | ... 0950 |
| 9,97 | 20 | 120 | 10 | 162,00 $\bigcirc$ | ... 0997 |
| 9,98 | 20 | 120 | 10 | 162,00 $\bigcirc$ | ... 0998 |
| 9,99 | 20 | 120 | 10 | 162,00 $\bigcirc$ | ... 0999 |
| 10 | 20 | 120 | 10 | 189,00 | ... 1000 |
| 10,01 | 20 | 120 | 10 | 198,50 $\downarrow$ | ... 1001 |
| 10,02 | 20 | 120 | 10 | 198,50 $\downarrow$ | ... 1002 |
| 10,03 | 20 | 120 | 10 | 198,50 $\bigcirc$ | ... 1003 |
| 10,5 | 20 | 120 | 12 | 245,00 | ... 1050 |
| 11 | 20 | 120 | 12 | 245,00 | ... 1100 |
| 11,5 | 20 | 120 | 12 | 245,00 | ... 1150 |
| 11,97 | 20 | 120 | 12 | 265,00 - | ... 1197 |
| 11,98 | 20 | 120 | 12 | 265,00 - | ... 1198 |
| 11,99 | 20 | 120 | 12 | 265,00 - | ... 1199 |
| 12 | 20 | 120 | 12 | 252,50 | ... 1200 |
| 12,01 | 20 | 120 | 12 | 265,00 - | ... 1201 |
| 12,02 | 20 | 120 | 12 | 265,00 $\bigcirc$ | ... 1202 |
| 12,03 | 20 | 120 | 12 | 265,00 - | ... 1203 |
| 13 | 22 | 130 | 14 | 270,50 | ... 1300 |
| 14 | 22 | 130 | 14 | 279,50 | ... 1400 |
| 15 | 22 | 130 | 16 | 279,50 | ... 1500 |
| 16 | 25 | 150 | 16 | 288,50 | ... 1600 |
| 17 | 25 | 150 | 18 | 288,50 | ... 1700 |
| 18 | 25 | 150 | 18 | 333,50 | ... 1800 |
| 19 | 25 | 150 | 20 | 333,50 | ... 1900 |
| 20 | 25 | 150 | 20 | 357,00 | ... 2000 |

