## АЛЬТЕРНАТИВНЫЕ КОДЫ:

Z451; KS; E1720; EES4T;Z3060
МАТЕРИАЛ: 1.2510 закалённый ТВЁРДОСТЬ СТЕРЖНЯ: 60+/-62 HRC ТВЁРДОСТЬ ГОЛОВКИ: 45+/-5 HRC

НОРМАТИВ:DIN 16756 - ISO 8405 Толкатель трубчатый закалённый, шлифован-
ный, идеален для выемки в случае перфорированной колонки(особенно высокой).


РАБОЧАЯ ТЕМПЕРАТУРА: до $220^{\circ} \mathrm{C}$

ПРИМЕР ЗАКАЗА: ET-b1*d1*L1

| $\begin{gathered} \text { b1 } \\ \text { (H5) } \end{gathered}$ | $\begin{gathered} \text { d1 } \\ (\mathrm{g} 6) \end{gathered}$ | $\begin{gathered} \mathbf{b 2} \\ -0,1 \end{gathered}$ | $\begin{gathered} \mathbf{d 2} \\ -0,2 \end{gathered}$ | $\begin{gathered} \mathbf{k} \\ -0,05 \end{gathered}$ | L2 | R | L1 +1 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  | 75 | 100 | 125 | 150 | 175 | 200 | 225 | 250 | 275 | 300 |
| 1,6 | 3,0 | 2,0 | 6,0 | 3,0 | 35,0 | 0,3 | - | - | - | - | $\bullet$ | - |  |  |  |  |
| 2,0 | 4,0 | 2,5 | 8,0 | 3,0 | 35,0 | 0,3 | $\bullet$ | $\bullet$ | - | $\bullet$ | - | - | $\bullet$ |  |  |  |
| 2,2 | 4,0 | 2,5 | 8,0 | 3,0 | 35,0 | 0,3 | - | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | - | $\bullet$ |  |  |  |
| 2,5 | 4,0 | 2,8 | 8,0 | 3,0 | 35,0 | 0,3 |  | - | - | $\bullet$ | - | $\bullet$ | - |  |  |  |
| 2,5 | 5,0 | 3,0 | 10,0 | 3,0 | 35,0 | 0,3 | - | $\bullet$ | - | - | - | - | - |  |  |  |
| 2,7 | 5,0 | 3,0 | 10,0 | 3,0 | 45,0 | 0,3 | - | $\bullet$ | - | - | - | - | - | $\bullet$ |  |  |
| 3,0 | 5,0 | 3,5 | 10,0 | 3,0 | 45,0 | 0,3 | - | $\bullet$ | - | $\bullet$ | - | - | - | - |  |  |
| 3,0 | 6,0 | 3,5 | 12,0 | 5,0 | 45,0 | 0,5 |  | $\bullet$ | - | - | - | - | - | - | - |  |
| 3,2 | 5,0 | 3,5 | 10,0 | 3,0 | 45,0 | 0,3 | - | - | - | - | - | $\bullet$ | - | - |  |  |
| 3,5 | 5,0 | 3,8 | 10,0 | 3,0 | 45,0 | 0,3 |  |  | - | - | - |  |  |  |  |  |
| 3,5 | 6,0 | 4,0 | 12,0 | 5,0 | 45,0 | 0,5 | $\bullet$ | $\bullet$ | - | - | - | $\bullet$ | $\bullet$ | - |  |  |
| 3,7 | 6,0 | 4,0 | 12,0 | 5,0 | 45,0 | 0,5 | - | $\bullet$ | - | - | - | - | - | - |  |  |
| 4,0 | 6,0 | 4,5 | 12,0 | 5,0 | 45,0 | 0,5 | - | $\bullet$ | - | - | - | - | - | - | - |  |
| 4,0 | 8,0 | 4,5 | 14,0 | 5,0 | 45,0 | 0,5 | - | $\bullet$ | - |  |  |  |  |  |  |  |
| 4,2 | 8,0 | 5,0 | 14,0 | 5,0 | 45,0 | 0,5 | - | $\bullet$ | - | - | $\bullet$ | $\bullet$ | - | $\bullet$ | $\bullet$ |  |
| 4,5 | 6,0 | 4,8 | 12,0 | 5,0 | 45,0 | 0,5 | - | $\bullet$ | - | $\bullet$ | - | - | - | $\bullet$ | - | - |
| 4,5 | 8,0 | 5,0 | 14,0 | 5,0 | 45,0 | 0,5 |  | - | $\bullet$ | - | - | $\bullet$ | - |  |  |  |
| 5,0 | 8,0 | 5,5 | 14,0 | 5,0 | 45,0 | 0,5 | - | $\bullet$ | $\bullet$ | $\bullet$ | - | $\bullet$ | $\bullet$ | - | - | $\bullet$ |
| 5,2 | 8,0 | 5,5 | 14,0 | 5,0 | 45,0 | 0,5 | $\bullet$ | - | $\bullet$ | $\bullet$ | - | $\bullet$ | $\bullet$ | - | $\bullet$ | $\bullet$ |
| 5,5 | 9,0 | 6,0 | 16,0 | 5,0 | 45,0 | 0,5 | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | - | - | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ |
| 6,0 | 10,0 | 6,5 | 16,0 | 5,0 | 45,0 | 0,5 | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | - | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ |
| 6,2 | 10,0 | 6,5 | 16,0 | 5,0 | 45,0 | 0,5 | - | - | $\bullet$ | $\bullet$ | - | $\bullet$ | $\bullet$ | - | $\bullet$ | $\bullet$ |
| 6,5 | 10,0 | 6,5 | 16,0 | 5,0 | 45,0 | 0,8 | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | - | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ |
| 8,0 | 12,0 | 8,5 | 20,0 | 7,0 | 45,0 | 0,8 | - | - | $\bullet$ | $\bullet$ | $\bullet$ | - | $\bullet$ | $\bullet$ | - | $\bullet$ |
| 8,2 | 12,0 | 8,5 | 20,0 | 7,0 | 45,0 | 0,8 | - | $\bullet$ | - | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ |
| 10,0 | 14,0 | 10,5 | 22,0 | 7,0 | 50,0 | 0,8 | - | $\bullet$ | - | - | - | - | - | - | - | $\bullet$ |
| 10,5 | 14,0 | 11,0 | 22,0 | 7,0 | 50,0 | 0,8 | $\bullet$ | $\bullet$ | $\bullet$ | - | - | $\bullet$ | - | $\bullet$ | $\bullet$ | $\bullet$ |
| 12,0 | 16,0 | 12,5 | 22,0 | 7,0 | 50,0 | 0,8 | - | - | - | - | - | $\bullet$ | - | - | - | $\bullet$ |
| 12,5 | 16,0 | 13,0 | 22,0 | 7,0 | 50,0 | 0,8 | - | - | - | - | - | - | - | - | - | $\bullet$ |

