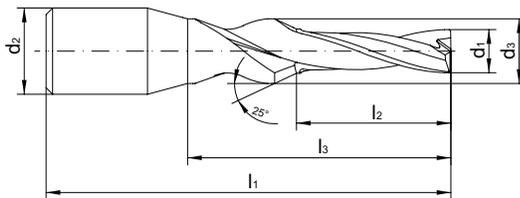


Punta pilota 180° con gambo rinforzato
Foret pilote 180° avec queue renforcée
180° Pilotbohrer mit verstärktem Shaft
180° Pilot Drill with reinforced shank

TTD180E



| | |
|--------------|----------|
| | Z 2 |
| TUSA NORM | ALCRONOS |
| 3,5xD | |
| | |
| | |

Campo d'impiego / Champ d'application / Einsatzbereich / Application field / 応用範囲 / 應用

| | | | | | |
|----------|-------------------|---------------------------------|------------------|-----|-------|
| HRC < 55 | Inox Stainless | GG(G) / ghisa Ft / cast iron | Titanio Titan | ALU | Cr-Co |
|----------|-------------------|---------------------------------|------------------|-----|-------|

| d1 | m5 | d2 h6 | d3 | l1 | l2 | l3 | d1 | k5 | d2 h6 | d3 | l1 | l2 | l3 |
|------|-----|-------|----|-----|-------|------|-----|------|-------|------|-------|----|----|
| 0,80 | 4,0 | 1,70 | 40 | 2,8 | 6,00 | 2,70 | 6,0 | 4,20 | 50 | 9,4 | 14,70 | | |
| 0,85 | 4,0 | 1,70 | 40 | 3,0 | 6,00 | 2,75 | 6,0 | 4,25 | 50 | 9,6 | 14,90 | | |
| 0,90 | 4,0 | 1,80 | 40 | 3,2 | 6,30 | 2,80 | 6,0 | 4,30 | 50 | 9,8 | 15,10 | | |
| 0,95 | 4,0 | 1,90 | 40 | 3,3 | 6,70 | 2,85 | 6,0 | 4,35 | 50 | 10,0 | 15,20 | | |
| 1,00 | 4,0 | 2,00 | 40 | 3,5 | 7,00 | 2,90 | 6,0 | 4,40 | 50 | 1,0 | 15,40 | | |
| 1,05 | 4,0 | 2,10 | 40 | 3,7 | 7,40 | 2,95 | 6,0 | 4,45 | 50 | 10,3 | 15,60 | | |
| 1,10 | 4,0 | 2,20 | 40 | 3,9 | 7,70 | 3,00 | 6,0 | 4,50 | 60 | 10,5 | 15,80 | | |
| 1,15 | 4,0 | 2,30 | 40 | 4,0 | 8,10 | 3,10 | 6,0 | 4,60 | 60 | 10,9 | 16,10 | | |
| 1,20 | 4,0 | 2,40 | 40 | 4,2 | 8,40 | 3,20 | 6,0 | 4,70 | 60 | 11,2 | 16,50 | | |
| 1,25 | 4,0 | 2,50 | 40 | 4,4 | 8,80 | 3,30 | 6,0 | 4,80 | 60 | 11,6 | 16,80 | | |
| 1,30 | 4,0 | 2,60 | 40 | 4,6 | 9,10 | 3,40 | 6,0 | 4,90 | 60 | 11,9 | 17,20 | | |
| 1,35 | 4,0 | 2,70 | 40 | 4,7 | 9,50 | 3,50 | 6,0 | 5,00 | 60 | 12,3 | 17,50 | | |
| 1,40 | 4,0 | 2,80 | 40 | 4,9 | 9,80 | 3,60 | 6,0 | - | 60 | 12,6 | - | | |
| 1,45 | 4,0 | 2,90 | 40 | 5,1 | 10,20 | 3,70 | 6,0 | - | 60 | 13,0 | - | | |
| 1,50 | 4,0 | 3,00 | 40 | 5,3 | 10,50 | 3,80 | 6,0 | - | 60 | 13,3 | - | | |
| 1,55 | 4,0 | 3,05 | 40 | 5,4 | 10,70 | 3,90 | 6,0 | - | 60 | 13,7 | - | | |
| 1,60 | 4,0 | 3,10 | 40 | 5,6 | 10,90 | 4,00 | 6,0 | - | 60 | 14,0 | - | | |
| 1,65 | 4,0 | 3,15 | 40 | 5,8 | 11,00 | 4,10 | 6,0 | - | 60 | 14,4 | - | | |
| 1,70 | 4,0 | 3,20 | 40 | 6,0 | 11,20 | 4,20 | 6,0 | - | 60 | 14,7 | - | | |
| 1,75 | 4,0 | 3,25 | 40 | 6,1 | 11,40 | 4,30 | 6,0 | - | 60 | 15,1 | - | | |
| 1,80 | 4,0 | 3,30 | 40 | 6,3 | 11,60 | 4,40 | 6,0 | - | 60 | 15,4 | - | | |
| 1,85 | 4,0 | 3,35 | 40 | 6,5 | 11,70 | 4,50 | 6,0 | - | 60 | 15,8 | - | | |
| 1,90 | 4,0 | 3,40 | 40 | 6,7 | 11,90 | 4,60 | 6,0 | - | 60 | 16,1 | - | | |
| 1,95 | 4,0 | 3,45 | 40 | 6,8 | 12,10 | 4,70 | 6,0 | - | 60 | 16,5 | - | | |
| 2,00 | 6,0 | 3,50 | 50 | 7,0 | 12,30 | 4,80 | 6,0 | - | 60 | 16,8 | - | | |
| 2,05 | 6,0 | 3,55 | 50 | 7,2 | 12,40 | 4,90 | 6,0 | - | 60 | 17,2 | - | | |
| 2,10 | 6,0 | 3,60 | 50 | 7,4 | 12,60 | 5,00 | 6,0 | - | 60 | 17,5 | - | | |
| 2,15 | 6,0 | 3,65 | 50 | 7,5 | 12,80 | 5,10 | 8,0 | - | 70 | 17,9 | - | | |
| 2,20 | 6,0 | 3,70 | 50 | 7,7 | 13,00 | 5,20 | 8,0 | - | 70 | 18,2 | - | | |
| 2,25 | 6,0 | 3,75 | 50 | 7,9 | 13,10 | 5,30 | 8,0 | - | 70 | 18,6 | - | | |
| 2,30 | 6,0 | 3,80 | 50 | 8,1 | 13,30 | 5,40 | 8,0 | - | 70 | 18,9 | - | | |
| 2,35 | 6,0 | 3,85 | 50 | 8,2 | 13,50 | 5,50 | 8,0 | - | 70 | 19,3 | - | | |
| 2,40 | 6,0 | 3,90 | 50 | 8,4 | 13,70 | 5,60 | 8,0 | - | 70 | 19,6 | - | | |
| 2,45 | 6,0 | 3,95 | 50 | 8,6 | 13,80 | 5,70 | 8,0 | - | 70 | 20,0 | - | | |
| 2,50 | 6,0 | 4,00 | 50 | 8,8 | 14,00 | 5,80 | 8,0 | - | 70 | 20,3 | - | | |
| 2,55 | 6,0 | 4,05 | 50 | 8,9 | 14,20 | 5,90 | 8,0 | - | 70 | 20,7 | - | | |
| 2,60 | 6,0 | 4,10 | 50 | 9,1 | 14,40 | 6,00 | 8,0 | - | 70 | 21,0 | - | | |
| 2,65 | 6,0 | 4,15 | 50 | 9,3 | 14,50 | | | | | | | | |