



Straight Shank Long Series Drills
For general purpose long reach drilling.



Forets longs à queue cylindrique
À usage général en perçage profond.



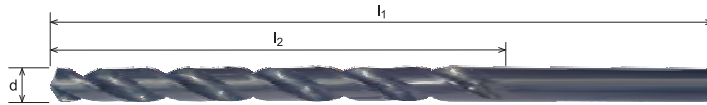
Bohrer mit Zylinderschaft, lange Serie
Für allgemeines Bohren mit langer Reichweite.



Brocas de serie larga mango recto
Para taladrado general de largo alcance.



Сверла с цилиндрическим хвостовиком длинной серии
Сверла общего назначения для сверления глубоких отверстий.



OSG GROUP COMPANY

Codes
Códigos
Коды

116, 117

Properties
Propriétés
Eigenschaften
Propiedades
Свойства

| | | |
|--------------------|----------------|---------------|
| mm | DIN 340 | HSS |
| inch | | |
| | TYPE N | |
| | | |
| BLUE FINISH | | pgs 70, 74-75 |

| d | | l ₂ | l ₁ | Code Código Код |
|-------|-------------|----------------|----------------|-----------------------|
| mm | inch | | | |
| 1 | | 33 | 56 | 1160100 |
| 1.1 | | 37 | 60 | 1160110 |
| 1.2 | | 41 | 65 | 1160120 |
| 1.3 | | 41 | 65 | 1160130 |
| 1.4 | | 45 | 70 | 1160140 |
| 1.5 | | 45 | 70 | 1160150 |
| 1.587 | 1/16 | 50 | 76 | 1170159 |
| 1.6 | | 50 | 76 | 1160160 |
| 1.7 | | 50 | 76 | 1160170 |
| 1.8 | | 53 | 80 | 1160180 |
| 1.9 | | 53 | 80 | 1160190 |
| 2 | | 56 | 85 | 1160200 |
| 2.1 | | 56 | 85 | 1160210 |
| 2.2 | | 59 | 90 | 1160220 |
| 2.3 | | 59 | 90 | 1160230 |
| 2.381 | 3/32 | 62 | 95 | 1170238 |
| 2.4 | | 62 | 95 | 1160240 |
| 2.5 | | 62 | 95 | 1160250 |
| 2.6 | | 62 | 95 | 1160260 |
| 2.7 | | 66 | 100 | 1160270 |
| 2.8 | | 66 | 100 | 1160280 |
| 2.9 | | 66 | 100 | 1160290 |
| 3 | | 66 | 100 | 1160300 |
| 3.1 | | 69 | 106 | 1160310 |
| 3.175 | 1/8 | 69 | 106 | 1170318 |
| 3.2 | | 69 | 106 | 1160320 |
| 3.3 | | 69 | 106 | 1160330 |
| 3.4 | | 73 | 112 | 1160340 |
| 3.5 | | 73 | 112 | 1160350 |
| 3.6 | | 73 | 112 | 1160360 |
| 3.7 | | 73 | 112 | 1160370 |
| 3.8 | | 78 | 119 | 1160380 |
| 3.9 | | 78 | 119 | 1160390 |
| 3.969 | 5/32 | 78 | 119 | 1170397 |
| 4 | | 78 | 119 | 1160400 |
| 4.1 | | 78 | 119 | 1160410 |
| 4.2 | | 78 | 119 | 1160420 |
| 4.3 | | 82 | 126 | 1160430 |
| 4.4 | | 82 | 126 | 1160440 |
| 4.5 | | 82 | 126 | 1160450 |
| 4.6 | | 82 | 126 | 1160460 |
| 4.7 | | 82 | 126 | 1160470 |
| 4.762 | 3/16 | 87 | 132 | 1170476 |
| 4.8 | | 87 | 132 | 1160480 |
| 4.9 | | 87 | 132 | 1160490 |
| 5 | | 87 | 132 | 1160500 |
| 5.1 | | 87 | 132 | 1160510 |
| 5.2 | | 87 | 132 | 1160520 |
| 5.3 | | 87 | 132 | 1160530 |
| 5.4 | | 91 | 139 | 1160540 |
| 5.5 | | 91 | 139 | 1160550 |
| 5.556 | 7/32 | 91 | 139 | 1170556 |
| 5.6 | | 91 | 139 | 1160560 |
| 5.7 | | 91 | 139 | 1160570 |
| 5.8 | | 91 | 139 | 1160580 |

| d | | l ₂ | l ₁ | Code Código Код |
|--------|--------------|----------------|----------------|-----------------------|
| mm | inch | | | |
| 5.9 | | 91 | 139 | 1160590 |
| 6 | | 91 | 139 | 1160600 |
| 6.1 | | 97 | 148 | 1160610 |
| 6.2 | | 97 | 148 | 1160620 |
| 6.3 | | 97 | 148 | 1160630 |
| 6.350 | 1/4 | 97 | 148 | 1170635 |
| 6.4 | | 97 | 148 | 1160640 |
| 6.5 | | 97 | 148 | 1160650 |
| 6.6 | | 97 | 148 | 1160660 |
| 6.7 | | 97 | 148 | 1160670 |
| 6.8 | | 102 | 156 | 1160680 |
| 6.9 | | 102 | 156 | 1160690 |
| 7 | | 102 | 156 | 1160700 |
| 7.1 | | 102 | 156 | 1160710 |
| 7.144 | 9/32 | 102 | 156 | 1170714 |
| 7.2 | | 102 | 156 | 1160720 |
| 7.3 | | 102 | 156 | 1160730 |
| 7.4 | | 102 | 156 | 1160740 |
| 7.5 | | 102 | 156 | 1160750 |
| 7.6 | | 109 | 165 | 1160760 |
| 7.7 | | 109 | 165 | 1160770 |
| 7.8 | | 109 | 165 | 1160780 |
| 7.9 | | 109 | 165 | 1160790 |
| 7.937 | 5/16 | 109 | 165 | 1170794 |
| 8 | | 109 | 165 | 1160800 |
| 8.2 | | 109 | 165 | 1160820 |
| 8.5 | | 109 | 165 | 1160850 |
| 8.731 | 11/32 | 115 | 175 | 1170873 |
| 8.8 | | 115 | 175 | 1160880 |
| 9 | | 115 | 175 | 1160900 |
| 9.2 | | 115 | 175 | 1160920 |
| 9.5 | | 115 | 175 | 1160950 |
| 9.525 | 3/8 | 121 | 184 | 1170953 |
| 9.8 | | 121 | 184 | 1160980 |
| 10 | | 121 | 184 | 1161000 |
| 10.2 | | 121 | 184 | 1161020 |
| 10.319 | 13/32 | 121 | 184 | 1171032 |
| 10.5 | | 121 | 184 | 1161050 |
| 10.8 | | 128 | 195 | 1161080 |
| 11 | | 128 | 195 | 1161100 |
| 11.112 | 7/16 | 128 | 195 | 1171111 |
| 11.2 | | 128 | 195 | 1161120 |
| 11.5 | | 128 | 195 | 1161150 |
| 11.8 | | 128 | 195 | 1161180 |
| 12 | | 134 | 205 | 1161200 |
| 12.2 | | 134 | 205 | 1161220 |
| 12.5 | | 134 | 205 | 1161250 |
| 12.700 | 1/2 | 134 | 205 | 1171270 |
| 12.8 | | 134 | 205 | 1161280 |
| 13 | | 134 | 205 | 1161300 |
| 14 | | 140 | 214 | 1161400 |
| 14.287 | 9/16 | 144 | 220 | 1171429 |
| 15 | | 144 | 220 | 1161500 |
| 15.875 | 5/8 | 149 | 227 | 1171588 |
| 16 | | 149 | 227 | 1161600 |

Application
Anwendung
Aplicación
Применение

GENERAL
ALLGEMEINE
ОБЩЕЕ



Straight Shank Drills

Forets à queue droite
Bohrer mit Zylinderschaft
Brocas de mango recto
Сверла с цилиндрическим хвостовиком



shaping your dreams