

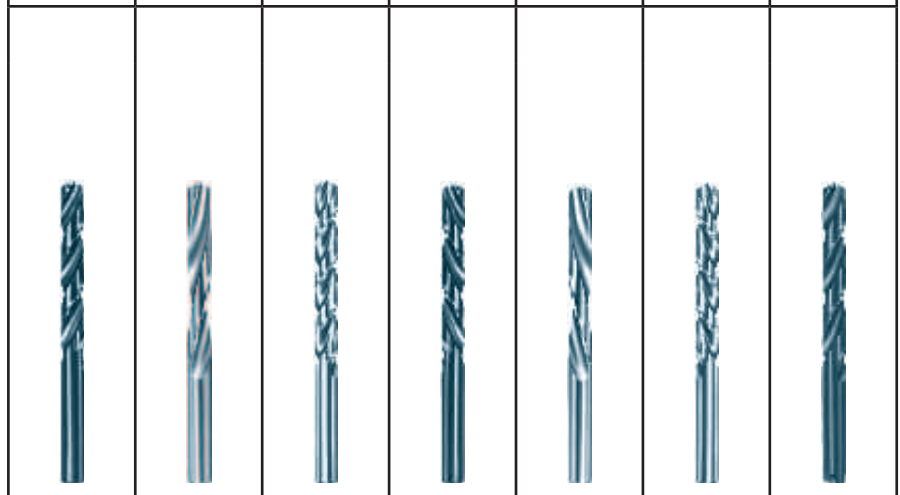
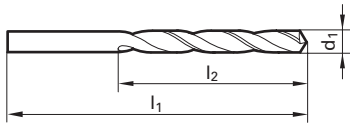


Wiertła kręte, krótkie

Wiertła kręte z
chwytami walcowymi

Nr artykułu
 Norma
 Materiał narzędzia
 Powierzchnia
 Typ
 Kierunek skrawania
 Tolerancja
 Grupa rabatowa
 Inf. tech. na str.

| 205 | 206 | 207 | 208 | 209 | 210 | 240 |
|---------|-------|-------|------|------|------|-------|
| DIN 338 | | | | | | |
| HSS | | | | | | |
| | | | | | | |
| N | H | W | N | H | W | N |
| prawy | prawy | prawy | lewy | lewy | lewy | prawy |
| h8 | h8 | h8 | h8 | h8 | h8 | h8 |
| 130 | 134 | 134 | 134 | 134 | 138 | 132 |



| d1 | | l1 | l2 |
|------|-------|-------|------|
| cale | mm | mm | mm |
| | 0,200 | 19,00 | 2,50 |
| | 0,210 | 19,00 | 2,50 |
| | 0,220 | 19,00 | 2,50 |
| | 0,230 | 19,00 | 2,50 |
| | 0,240 | 19,00 | 2,50 |
| | 0,250 | 19,00 | 3,00 |
| | 0,260 | 19,00 | 3,00 |
| | 0,270 | 19,00 | 3,00 |
| | 0,280 | 19,00 | 3,00 |
| | 0,290 | 19,00 | 3,00 |
| | 0,300 | 19,00 | 3,00 |
| | 0,310 | 19,00 | 4,00 |
| | 0,320 | 19,00 | 4,00 |
| | 0,330 | 19,00 | 4,00 |
| | 0,340 | 19,00 | 4,00 |
| | 0,350 | 19,00 | 4,00 |
| | 0,360 | 19,00 | 4,00 |
| | 0,370 | 19,00 | 4,00 |
| | 0,380 | 19,00 | 4,00 |
| 1/64 | 0,390 | 20,00 | 5,00 |
| | 0,400 | 20,00 | 5,00 |
| | 0,410 | 20,00 | 5,00 |
| | 0,415 | 20,00 | 5,00 |
| | 0,420 | 20,00 | 5,00 |
| | 0,430 | 20,00 | 5,00 |
| | 0,440 | 20,00 | 5,00 |
| | 0,450 | 20,00 | 5,00 |
| | 0,460 | 20,00 | 5,00 |
| | 0,470 | 20,00 | 5,00 |
| | 0,480 | 20,00 | 5,00 |
| | 0,490 | 22,00 | 6,00 |
| | 0,500 | 22,00 | 6,00 |
| | 0,510 | 22,00 | 6,00 |
| | 0,520 | 22,00 | 6,00 |
| | 0,525 | 22,00 | 6,00 |
| | 0,530 | 22,00 | 6,00 |
| | 0,540 | 24,00 | 7,00 |
| | 0,550 | 24,00 | 7,00 |
| | 0,560 | 24,00 | 7,00 |

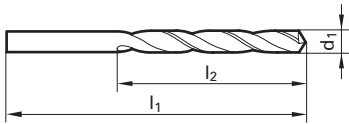
| Dostępność | | | | | | |
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Wiertła kręte, krótkie

Wiertła kręte z chwytaniem wałcowym

Nr artykułu
 Norma
 Materiał narzędzia
 Powierzchnia
 Typ
 Kierunek skrawania
 Tolerancja
 Grupa rabatowa
 Inf. tech. na str.



| 205 | 206 | 207 | 208 | 209 | 210 | 240 |
|---------|-------|-------|------|------|------|-------|
| DIN 338 | | | | | | |
| HSS | | | | | | |
| | | | | | | |
| N | H | W | N | H | W | N |
| prawy | prawy | prawy | lewy | lewy | lewy | prawy |
| h8 | h8 | h8 | h8 | h8 | h8 | h8 |
| 130 | 134 | 134 | 134 | 134 | 138 | 132 |
| | | | | | | |

| d1 | | l1 | l2 |
|------|-------|-------|-------|
| cale | mm | mm | mm |
| | 0,570 | 24,00 | 7,00 |
| | 0,575 | 24,00 | 7,00 |
| | 0,580 | 24,00 | 7,00 |
| | 0,590 | 24,00 | 7,00 |
| | 0,600 | 24,00 | 7,00 |
| | 0,610 | 26,00 | 8,00 |
| | 0,620 | 26,00 | 8,00 |
| | 0,630 | 26,00 | 8,00 |
| | 0,640 | 26,00 | 8,00 |
| | 0,650 | 26,00 | 8,00 |
| | 0,660 | 26,00 | 8,00 |
| | 0,670 | 26,00 | 8,00 |
| | 0,675 | 28,00 | 9,00 |
| | 0,680 | 28,00 | 9,00 |
| | 0,690 | 28,00 | 9,00 |
| | 0,700 | 28,00 | 9,00 |
| | 0,710 | 28,00 | 9,00 |
| | 0,720 | 28,00 | 9,00 |
| | 0,730 | 28,00 | 9,00 |
| | 0,740 | 28,00 | 9,00 |
| | 0,750 | 28,00 | 9,00 |
| | 0,760 | 30,00 | 10,00 |
| | 0,770 | 30,00 | 10,00 |
| | 0,775 | 30,00 | 10,00 |
| 1/32 | 0,780 | 30,00 | 10,00 |
| | 0,790 | 30,00 | 10,00 |
| | 0,800 | 30,00 | 10,00 |
| | 0,810 | 30,00 | 10,00 |
| | 0,815 | 30,00 | 10,00 |
| | 0,820 | 30,00 | 10,00 |
| | 0,825 | 30,00 | 10,00 |
| | 0,830 | 30,00 | 10,00 |
| | 0,840 | 30,00 | 10,00 |
| | 0,850 | 30,00 | 10,00 |
| | 0,860 | 32,00 | 11,00 |
| | 0,865 | 32,00 | 11,00 |
| | 0,870 | 32,00 | 11,00 |
| | 0,880 | 32,00 | 11,00 |
| | 0,890 | 32,00 | 11,00 |

| Dostępność | | | | | | |
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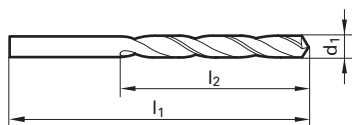
bez pokrycia
 parowane
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 azotowane
 złotobrazowe
 TiAIN



Wiertła kręte, krótkie

Wiertła kręte z chwytaniem wałcowym

Nr artykułu
 Norma
 Materiał narzędzia
 Powierzchnia
 Typ
 Kierunek skrawania
 Tolerancja
 Grupa rabatowa
 Inf. tech. na str.



| 205 | 206 | 207 | 208 | 209 | 210 | 240 |
|---------|-------|-------|------|------|------|-------|
| DIN 338 | | | | | | |
| HSS | | | | | | |
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| N | H | W | N | H | W | N |
| prawy | prawy | prawy | lewy | lewy | lewy | prawy |
| h8 | h8 | h8 | h8 | h8 | h8 | h8 |
| 130 | 134 | 134 | 134 | 134 | 138 | 132 |
| | | | | | | |

| d1 | | l1 | l2 |
|------|-------|-------|-------|
| cale | mm | mm | mm |
| | 1,280 | 38,00 | 16,00 |
| | 1,290 | 38,00 | 16,00 |
| | 1,300 | 38,00 | 16,00 |
| | 1,305 | 38,00 | 16,00 |
| | 1,310 | 38,00 | 16,00 |
| | 1,320 | 38,00 | 16,00 |
| | 1,330 | 40,00 | 18,00 |
| | 1,340 | 40,00 | 18,00 |
| | 1,350 | 40,00 | 18,00 |
| | 1,360 | 40,00 | 18,00 |
| | 1,370 | 40,00 | 18,00 |
| | 1,380 | 40,00 | 18,00 |
| | 1,390 | 40,00 | 18,00 |
| | 1,400 | 40,00 | 18,00 |
| | 1,410 | 40,00 | 18,00 |
| | 1,420 | 40,00 | 18,00 |
| | 1,430 | 40,00 | 18,00 |
| | 1,440 | 40,00 | 18,00 |
| | 1,450 | 40,00 | 18,00 |
| | 1,460 | 40,00 | 18,00 |
| | 1,465 | 40,00 | 18,00 |
| | 1,470 | 40,00 | 18,00 |
| | 1,475 | 40,00 | 18,00 |
| | 1,480 | 40,00 | 18,00 |
| | 1,485 | 40,00 | 18,00 |
| | 1,490 | 40,00 | 18,00 |
| | 1,500 | 40,00 | 18,00 |
| | 1,510 | 43,00 | 20,00 |
| | 1,520 | 43,00 | 20,00 |
| | 1,530 | 43,00 | 20,00 |
| | 1,540 | 43,00 | 20,00 |
| | 1,550 | 43,00 | 20,00 |
| | 1,560 | 43,00 | 20,00 |
| | 1,570 | 43,00 | 20,00 |
| | 1,580 | 43,00 | 20,00 |
| 1/16 | 1,590 | 43,00 | 20,00 |
| | 1,600 | 43,00 | 20,00 |
| | 1,610 | 43,00 | 20,00 |
| | 1,620 | 43,00 | 20,00 |

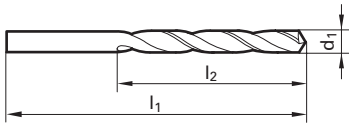
| Dostępność | | | | | | |
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Wiertła kręte, krótkie

Wiertła kręte z chwytami walcowymi

Nr artykułu
 Norma
 Materiał narzędzia
 Powierzchnia
 Typ
 Kierunek skrawania
 Tolerancja
 Grupa rabatowa
 Inf. tech. na str.



| 205 | 206 | 207 | 208 | 209 | 210 | 240 |
|---------|-------|-------|------|------|------|-------|
| DIN 338 | | | | | | |
| HSS | | | | | | |
| | | | | | | |
| N | H | W | N | H | W | N |
| prawy | prawy | prawy | lewy | lewy | lewy | prawy |
| h8 | h8 | h8 | h8 | h8 | h8 | h8 |
| 130 | 134 | 134 | 134 | 134 | 138 | 132 |
| | | | | | | |

| d1 | | l1 | l2 |
|------|-------|-------|-------|
| cale | mm | mm | mm |
| | 1,630 | 43,00 | 20,00 |
| | 1,640 | 43,00 | 20,00 |
| | 1,650 | 43,00 | 20,00 |
| | 1,660 | 43,00 | 20,00 |
| | 1,670 | 43,00 | 20,00 |
| | 1,680 | 43,00 | 20,00 |
| | 1,690 | 43,00 | 20,00 |
| | 1,700 | 43,00 | 20,00 |
| | 1,710 | 46,00 | 22,00 |
| | 1,720 | 46,00 | 22,00 |
| | 1,730 | 46,00 | 22,00 |
| | 1,740 | 46,00 | 22,00 |
| | 1,750 | 46,00 | 22,00 |
| | 1,760 | 46,00 | 22,00 |
| | 1,770 | 46,00 | 22,00 |
| | 1,780 | 46,00 | 22,00 |
| | 1,790 | 46,00 | 22,00 |
| | 1,800 | 46,00 | 22,00 |
| | 1,810 | 46,00 | 22,00 |
| | 1,820 | 46,00 | 22,00 |
| | 1,830 | 46,00 | 22,00 |
| | 1,840 | 46,00 | 22,00 |
| | 1,850 | 46,00 | 22,00 |
| | 1,860 | 46,00 | 22,00 |
| | 1,870 | 46,00 | 22,00 |
| | 1,880 | 46,00 | 22,00 |
| | 1,890 | 46,00 | 22,00 |
| | 1,900 | 46,00 | 22,00 |
| | 1,910 | 49,00 | 24,00 |
| | 1,920 | 49,00 | 24,00 |
| | 1,930 | 49,00 | 24,00 |
| | 1,940 | 49,00 | 24,00 |
| | 1,950 | 49,00 | 24,00 |
| | 1,960 | 49,00 | 24,00 |
| | 1,970 | 49,00 | 24,00 |
| 5/64 | 1,980 | 49,00 | 24,00 |
| | 1,990 | 49,00 | 24,00 |
| | 2,000 | 49,00 | 24,00 |
| | 2,010 | 49,00 | 24,00 |

| Dostępność | | | | | | |
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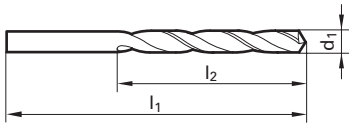
bez pokrycia
 parowane
 azotowane łysinki
 azotowane
 złotobrazowe
 TiAIN



Wiertła kręte, krótkie

Wiertła kręte z chwytami walcowymi

Nr artykułu
Norma
Materiał narzędzia
Powierzchnia
Typ
Kierunek skrawania
Tolerancja
Grupa rabatowa
Inf. tech. na str.



| 205 | 206 | 207 | 208 | 209 | 210 | 240 |
|---------|-------|-------|------|------|------|-------|
| DIN 338 | | | | | | |
| HSS | | | | | | |
| | | | | | | |
| N | H | W | N | H | W | N |
| prawy | prawy | prawy | lewy | lewy | lewy | prawy |
| h8 | h8 | h8 | h8 | h8 | h8 | h8 |
| 130 | 134 | 134 | 134 | 134 | 138 | 132 |
| | | | | | | |

| d1 | | l1 | l2 |
|------|-------|-------|-------|
| cale | mm | mm | mm |
| | 2,020 | 49,00 | 24,00 |
| | 2,030 | 49,00 | 24,00 |
| | 2,040 | 49,00 | 24,00 |
| | 2,050 | 49,00 | 24,00 |
| | 2,060 | 49,00 | 24,00 |
| | 2,070 | 49,00 | 24,00 |
| | 2,080 | 49,00 | 24,00 |
| | 2,090 | 49,00 | 24,00 |
| | 2,100 | 49,00 | 24,00 |
| | 2,110 | 49,00 | 24,00 |
| | 2,120 | 49,00 | 24,00 |
| | 2,130 | 53,00 | 27,00 |
| | 2,140 | 53,00 | 27,00 |
| | 2,150 | 53,00 | 27,00 |
| | 2,170 | 53,00 | 27,00 |
| | 2,180 | 53,00 | 27,00 |
| | 2,200 | 53,00 | 27,00 |
| | 2,210 | 53,00 | 27,00 |
| | 2,220 | 53,00 | 27,00 |
| | 2,230 | 53,00 | 27,00 |
| | 2,240 | 53,00 | 27,00 |
| | 2,250 | 53,00 | 27,00 |
| | 2,260 | 53,00 | 27,00 |
| | 2,270 | 53,00 | 27,00 |
| | 2,280 | 53,00 | 27,00 |
| | 2,290 | 53,00 | 27,00 |
| | 2,300 | 53,00 | 27,00 |
| | 2,320 | 53,00 | 27,00 |
| | 2,330 | 53,00 | 27,00 |
| | 2,340 | 53,00 | 27,00 |
| | 2,350 | 53,00 | 27,00 |
| | 2,360 | 53,00 | 27,00 |
| | 2,370 | 57,00 | 30,00 |
| 3/32 | 2,380 | 57,00 | 30,00 |
| | 2,390 | 57,00 | 30,00 |
| | 2,400 | 57,00 | 30,00 |
| | 2,420 | 57,00 | 30,00 |
| | 2,430 | 57,00 | 30,00 |
| | 2,440 | 57,00 | 30,00 |

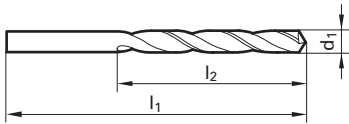
| Dostępność | | | | | | |
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Wiertła kręte, krótkie

Wiertła kręte z chwytaniem wałcowym

Nr artykułu
 Norma
 Materiał narzędzia
 Powierzchnia
 Typ
 Kierunek skrawania
 Tolerancja
 Grupa rabatowa
 Inf. tech. na str.



| 205 | 206 | 207 | 208 | 209 | 210 | 240 |
|---------|-------|-------|------|------|------|-------|
| DIN 338 | | | | | | |
| HSS | | | | | | |
| | | | | | | |
| N | H | W | N | H | W | N |
| prawy | prawy | prawy | lewy | lewy | lewy | prawy |
| h8 | h8 | h8 | h8 | h8 | h8 | h8 |
| 130 | 134 | 134 | 134 | 134 | 138 | 132 |
| | | | | | | |

| d1 | | l1 | l2 |
|------|-------|-------|-------|
| cale | mm | mm | mm |
| | 2,910 | 61,00 | 33,00 |
| | 2,920 | 61,00 | 33,00 |
| | 2,930 | 61,00 | 33,00 |
| | 2,940 | 61,00 | 33,00 |
| | 2,950 | 61,00 | 33,00 |
| | 2,960 | 61,00 | 33,00 |
| | 2,970 | 61,00 | 33,00 |
| | 2,980 | 61,00 | 33,00 |
| | 2,990 | 61,00 | 33,00 |
| | 3,000 | 61,00 | 33,00 |
| | 3,010 | 65,00 | 36,00 |
| | 3,020 | 65,00 | 36,00 |
| | 3,030 | 65,00 | 36,00 |
| | 3,040 | 65,00 | 36,00 |
| | 3,050 | 65,00 | 36,00 |
| | 3,060 | 65,00 | 36,00 |
| | 3,070 | 65,00 | 36,00 |
| | 3,080 | 65,00 | 36,00 |
| | 3,100 | 65,00 | 36,00 |
| | 3,110 | 65,00 | 36,00 |
| | 3,120 | 65,00 | 36,00 |
| | 3,130 | 65,00 | 36,00 |
| | 3,150 | 65,00 | 36,00 |
| | 3,160 | 65,00 | 36,00 |
| 1/8 | 3,170 | 65,00 | 36,00 |
| | 3,175 | 65,00 | 36,00 |
| | 3,180 | 65,00 | 36,00 |
| | 3,200 | 65,00 | 36,00 |
| | 3,220 | 65,00 | 36,00 |
| | 3,230 | 65,00 | 36,00 |
| | 3,240 | 65,00 | 36,00 |
| | 3,250 | 65,00 | 36,00 |
| | 3,260 | 65,00 | 36,00 |
| | 3,270 | 65,00 | 36,00 |
| | 3,280 | 65,00 | 36,00 |
| | 3,300 | 65,00 | 36,00 |
| | 3,320 | 65,00 | 36,00 |
| | 3,330 | 65,00 | 36,00 |
| | 3,340 | 65,00 | 36,00 |

| Dostępność | | | | | | |
|------------|--|--|--|--|--|--|
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bez pokrycia
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 azotowane łysinki
 azotowane
 złotobrazowe
 TiAIN



Wiertła kręte, krótkie

Wiertła kręte z chwytami walcowymi

| Nr artykułu | | | | 205 | 206 | 207 | 208 | 209 | 210 | 240 |
|--------------------|-------|-------|-------|------------|-------|-------|------|------|------|-------|
| Norma | | | | DIN 338 | | | | | | |
| Materiał narzędzia | | | | HSS | | | | | | |
| Powierzchnia | | | | | | | | | | |
| Typ | | | | N | H | W | N | H | W | N |
| Kierunek skrawania | | | | prawy | prawy | prawy | lewy | lewy | lewy | prawy |
| Tolerancja | | | | h8 | h8 | h8 | h8 | h8 | h8 | h8 |
| Grupa rabatowa | | | | 130 | 134 | 134 | 134 | 134 | 138 | 132 |
| Inf. tech. na str. | | | | | | | | | | |
| | | | | | | | | | | |
| d1 | | l1 | l2 | Dostępność | | | | | | |
| cale | mm | mm | mm | | | | | | | |
| | 3,350 | 65,00 | 36,00 | ● | ● | ● | ● | ● | | |
| | 3,360 | 70,00 | 39,00 | ○ | | | | | | |
| | 3,370 | 70,00 | 39,00 | ● | | | ○ | | | |
| | 3,380 | 70,00 | 39,00 | ● | | ○ | ○ | ○ | ○ | |
| | 3,400 | 70,00 | 39,00 | ● | ● | ● | ● | ● | ● | ● |
| | 3,410 | 70,00 | 39,00 | ● | ○ | | | ○ | | |
| | 3,420 | 70,00 | 39,00 | ● | | | | | | |
| | 3,430 | 70,00 | 39,00 | | | | ○ | | | |
| | 3,450 | 70,00 | 39,00 | ● | ● | ● | ● | ● | ○ | |
| | 3,470 | 70,00 | 39,00 | | ○ | | ○ | ○ | | |
| | 3,500 | 70,00 | 39,00 | ● | ● | ● | ● | ● | | ● |
| | 3,520 | 70,00 | 39,00 | ● | ● | | | | ○ | |
| | 3,530 | 70,00 | 39,00 | | | ● | ○ | | ○ | |
| | 3,550 | 70,00 | 39,00 | ● | ● | ● | ● | ● | ○ | |
| 9/64 | 3,570 | 70,00 | 39,00 | ● | ● | ● | ● | | | ○ |
| | 3,580 | 70,00 | 39,00 | | | | | ○ | | |
| | 3,600 | 70,00 | 39,00 | ● | ● | ● | ● | ● | ● | ● |
| | 3,610 | 70,00 | 39,00 | ● | | | | | | |
| | 3,620 | 70,00 | 39,00 | ● | | | ○ | | | |
| | 3,630 | 70,00 | 39,00 | | | | | ○ | | |
| | 3,650 | 70,00 | 39,00 | ● | ● | ● | ● | ● | ○ | |
| | 3,660 | 70,00 | 39,00 | ● | | | ○ | | | |
| | 3,680 | 70,00 | 39,00 | ● | | ● | | | | |
| | 3,700 | 70,00 | 39,00 | ● | ● | ● | ● | ● | ● | ○ |
| | 3,710 | 70,00 | 39,00 | | | | | ○ | | |
| | 3,720 | 70,00 | 39,00 | | ○ | | | ○ | | |
| | 3,725 | 70,00 | 39,00 | ○ | | | | | | |
| | 3,730 | 70,00 | 39,00 | ● | | ○ | ○ | ○ | | |
| | 3,750 | 70,00 | 39,00 | ● | ● | ● | ● | ○ | ○ | |
| | 3,800 | 75,00 | 43,00 | ● | ● | ● | ● | ● | ● | ● |
| | 3,820 | 75,00 | 43,00 | ● | | | | | ○ | |
| | 3,830 | 75,00 | 43,00 | ● | ● | | | ○ | | |
| | 3,850 | 75,00 | 43,00 | ● | ● | ● | ● | ● | | |
| | 3,860 | 75,00 | 43,00 | ● | | | ○ | | ○ | |
| | 3,870 | 75,00 | 43,00 | ● | ○ | | ○ | | | |
| | 3,880 | 75,00 | 43,00 | ● | ● | | | | | |
| | 3,900 | 75,00 | 43,00 | ● | ● | ● | ● | ● | ○ | ● |
| | 3,910 | 75,00 | 43,00 | ● | ● | | ○ | | ○ | |
| | 3,920 | 75,00 | 43,00 | ● | | | | | ○ | |

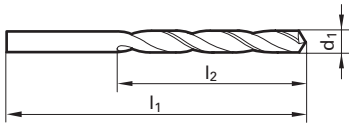
○ bez pokrycia ● parowane ◐ azotowane łysinki ● azotowane ● złotobrazowe ● TiAIN



Wiertła kręte, krótkie

Wiertła kręte z chwytaniem wałcowym

Nr artykułu
 Norma
 Materiał narzędzia
 Powierzchnia
 Typ
 Kierunek skrawania
 Tolerancja
 Grupa rabatowa
 Inf. tech. na str.



| 205 | 206 | 207 | 208 | 209 | 210 | 240 |
|---------|-------|-------|------|------|------|-------|
| DIN 338 | | | | | | |
| HSS | | | | | | |
| | | | | | | |
| N | H | W | N | H | W | N |
| prawy | prawy | prawy | lewy | lewy | lewy | prawy |
| h8 | h8 | h8 | h8 | h8 | h8 | h8 |
| 130 | 134 | 134 | 134 | 134 | 138 | 132 |
| | | | | | | |

| d1 | | l1 | l2 |
|-------|-------|-------|-------|
| cale | mm | mm | mm |
| 5/32 | 3,930 | 75,00 | 43,00 |
| | 3,940 | 75,00 | 43,00 |
| | 3,950 | 75,00 | 43,00 |
| | 3,960 | 75,00 | 43,00 |
| | 3,970 | 75,00 | 43,00 |
| | 3,980 | 75,00 | 43,00 |
| | 3,990 | 75,00 | 43,00 |
| | 4,000 | 75,00 | 43,00 |
| | 4,010 | 75,00 | 43,00 |
| | 4,020 | 75,00 | 43,00 |
| | 4,030 | 75,00 | 43,00 |
| | 4,040 | 75,00 | 43,00 |
| | 4,050 | 75,00 | 43,00 |
| | 4,060 | 75,00 | 43,00 |
| 4,070 | 75,00 | 43,00 | |
| 4,080 | 75,00 | 43,00 | |
| 4,090 | 75,00 | 43,00 | |
| 4,100 | 75,00 | 43,00 | |
| 4,120 | 75,00 | 43,00 | |
| 4,130 | 75,00 | 43,00 | |
| 4,150 | 75,00 | 43,00 | |
| 4,170 | 75,00 | 43,00 | |
| 4,200 | 75,00 | 43,00 | |
| 4,210 | 75,00 | 43,00 | |
| 4,220 | 75,00 | 43,00 | |
| 4,250 | 75,00 | 43,00 | |
| 4,270 | 80,00 | 47,00 | |
| 4,280 | 80,00 | 47,00 | |
| 4,300 | 80,00 | 47,00 | |
| 4,320 | 80,00 | 47,00 | |
| 11/64 | 4,350 | 80,00 | 47,00 |
| | 4,370 | 80,00 | 47,00 |
| | 4,380 | 80,00 | 47,00 |
| | 4,390 | 80,00 | 47,00 |
| | 4,400 | 80,00 | 47,00 |
| | 4,420 | 80,00 | 47,00 |
| 4,450 | 80,00 | 47,00 | |
| 4,500 | 80,00 | 47,00 | |
| 4,520 | 80,00 | 47,00 | |

| Dostępność | | | | | | |
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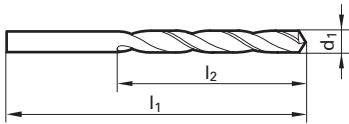
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 złotobrazowe
 TiAIN



Wiertła kręte, krótkie

Wiertła kręte z chwytaniem wałcowym

Nr artykułu
Norma
Materiał narzędzia
Powierzchnia
Typ
Kierunek skrawania
Tolerancja
Grupa rabatowa
Inf. tech. na str.



| 205 | 206 | 207 | 208 | 209 | 210 | 240 |
|---------|-------|-------|------|------|------|-------|
| DIN 338 | | | | | | |
| HSS | | | | | | |
| | | | | | | |
| N | H | W | N | H | W | N |
| prawy | prawy | prawy | lewy | lewy | lewy | prawy |
| h8 | h8 | h8 | h8 | h8 | h8 | h8 |
| 130 | 134 | 134 | 134 | 134 | 138 | 132 |
| | | | | | | |

| d1 | | l1 | l2 |
|-------|-------|-------|-------|
| cale | mm | mm | mm |
| | 4,530 | 80,00 | 47,00 |
| | 4,550 | 80,00 | 47,00 |
| | 4,570 | 80,00 | 47,00 |
| | 4,600 | 80,00 | 47,00 |
| | 4,620 | 80,00 | 47,00 |
| | 4,650 | 80,00 | 47,00 |
| | 4,680 | 80,00 | 47,00 |
| | 4,700 | 80,00 | 47,00 |
| | 4,720 | 80,00 | 47,00 |
| | 4,730 | 80,00 | 47,00 |
| | 4,750 | 80,00 | 47,00 |
| 3/16 | 4,760 | 86,00 | 52,00 |
| | 4,770 | 86,00 | 52,00 |
| | 4,800 | 86,00 | 52,00 |
| | 4,830 | 86,00 | 52,00 |
| | 4,850 | 86,00 | 52,00 |
| | 4,860 | 86,00 | 52,00 |
| | 4,870 | 86,00 | 52,00 |
| | 4,880 | 86,00 | 52,00 |
| | 4,900 | 86,00 | 52,00 |
| | 4,920 | 86,00 | 52,00 |
| | 4,930 | 86,00 | 52,00 |
| | 4,950 | 86,00 | 52,00 |
| | 4,970 | 86,00 | 52,00 |
| | 4,980 | 86,00 | 52,00 |
| | 5,000 | 86,00 | 52,00 |
| | 5,020 | 86,00 | 52,00 |
| | 5,025 | 86,00 | 52,00 |
| | 5,030 | 86,00 | 52,00 |
| | 5,050 | 86,00 | 52,00 |
| | 5,060 | 86,00 | 52,00 |
| | 5,080 | 86,00 | 52,00 |
| | 5,100 | 86,00 | 52,00 |
| | 5,110 | 86,00 | 52,00 |
| | 5,120 | 86,00 | 52,00 |
| | 5,150 | 86,00 | 52,00 |
| 13/64 | 5,160 | 86,00 | 52,00 |
| | 5,180 | 86,00 | 52,00 |
| | 5,190 | 86,00 | 52,00 |

| Dostępność | | | | | | |
|------------|--|--|--|--|--|--|
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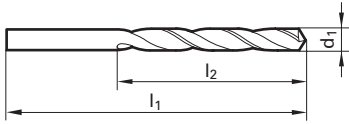
bez pokrycia
 parowane
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 azotowane
 złotobrazowe
 TiAIN



Wiertła kręte, krótkie

Wiertła kręte z chwytami walcowymi

Nr artykułu
Norma
Materiał narzędzia
Powierzchnia
Typ
Kierunek skrawania
Tolerancja
Grupa rabatowa
Inf. tech. na str.



| 205 | 206 | 207 | 208 | 209 | 210 | 240 |
|---------|-------|-------|------|------|------|-------|
| DIN 338 | | | | | | |
| HSS | | | | | | |
| | | | | | | |
| N | H | W | N | H | W | N |
| prawy | prawy | prawy | lewy | lewy | lewy | prawy |
| h8 | h8 | h8 | h8 | h8 | h8 | h8 |
| 130 | 134 | 134 | 134 | 134 | 138 | 132 |
| | | | | | | |

| d1 | | l1 | l2 |
|-------|-------|-------|-------|
| cale | mm | mm | mm |
| | 5,200 | 86,00 | 52,00 |
| | 5,220 | 86,00 | 52,00 |
| | 5,230 | 86,00 | 52,00 |
| | 5,250 | 86,00 | 52,00 |
| | 5,260 | 86,00 | 52,00 |
| | 5,280 | 86,00 | 52,00 |
| | 5,300 | 86,00 | 52,00 |
| | 5,310 | 93,00 | 57,00 |
| | 5,350 | 93,00 | 57,00 |
| | 5,400 | 93,00 | 57,00 |
| | 5,410 | 93,00 | 57,00 |
| | 5,420 | 93,00 | 57,00 |
| | 5,450 | 93,00 | 57,00 |
| | 5,460 | 93,00 | 57,00 |
| | 5,500 | 93,00 | 57,00 |
| | 5,520 | 93,00 | 57,00 |
| | 5,540 | 93,00 | 57,00 |
| | 5,550 | 93,00 | 57,00 |
| 7/32 | 5,560 | 93,00 | 57,00 |
| | 5,600 | 93,00 | 57,00 |
| | 5,610 | 93,00 | 57,00 |
| | 5,620 | 93,00 | 57,00 |
| | 5,630 | 93,00 | 57,00 |
| | 5,650 | 93,00 | 57,00 |
| | 5,700 | 93,00 | 57,00 |
| | 5,750 | 93,00 | 57,00 |
| | 5,790 | 93,00 | 57,00 |
| | 5,800 | 93,00 | 57,00 |
| | 5,850 | 93,00 | 57,00 |
| | 5,900 | 93,00 | 57,00 |
| | 5,920 | 93,00 | 57,00 |
| | 5,930 | 93,00 | 57,00 |
| | 5,940 | 93,00 | 57,00 |
| 15/64 | 5,950 | 93,00 | 57,00 |
| | 5,960 | 93,00 | 57,00 |
| | 5,970 | 93,00 | 57,00 |
| | 5,980 | 93,00 | 57,00 |
| | 5,990 | 93,00 | 57,00 |
| | 6,000 | 93,00 | 57,00 |

| Dostępność | | | | | | |
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bez pokrycia
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 złotobrazowe
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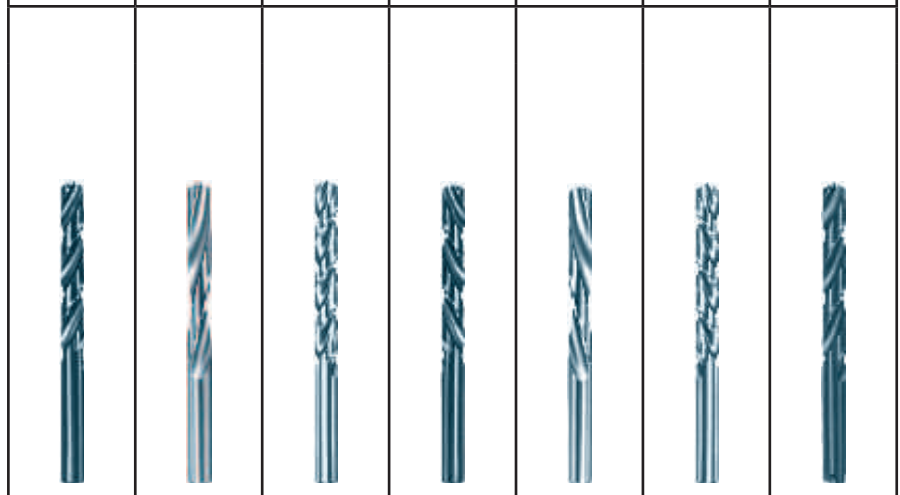
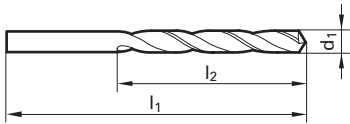


Wiertła kręte, krótkie

Wiertła kręte z chwytami walcowymi

Nr artykułu
 Norma
 Materiał narzędzia
 Powierzchnia
 Typ
 Kierunek skrawania
 Tolerancja
 Grupa rabatowa
 Inf. tech. na str.

| 205 | 206 | 207 | 208 | 209 | 210 | 240 |
|---------|-------|-------|------|------|------|-------|
| DIN 338 | | | | | | |
| HSS | | | | | | |
| | | | | | | |
| N | H | W | N | H | W | N |
| prawy | prawy | prawy | lewy | lewy | lewy | prawy |
| h8 | h8 | h8 | h8 | h8 | h8 | h8 |
| 130 | 134 | 134 | 134 | 134 | 138 | 132 |



| d1 | | l1 | l2 |
|-------|-------|--------|-------|
| cale | mm | mm | mm |
| | 6,030 | 101,00 | 63,00 |
| | 6,040 | 101,00 | 63,00 |
| | 6,050 | 101,00 | 63,00 |
| | 6,080 | 101,00 | 63,00 |
| | 6,100 | 101,00 | 63,00 |
| | 6,120 | 101,00 | 63,00 |
| | 6,130 | 101,00 | 63,00 |
| | 6,150 | 101,00 | 63,00 |
| | 6,170 | 101,00 | 63,00 |
| | 6,200 | 101,00 | 63,00 |
| | 6,210 | 101,00 | 63,00 |
| | 6,220 | 101,00 | 63,00 |
| | 6,250 | 101,00 | 63,00 |
| | 6,300 | 101,00 | 63,00 |
| | 6,320 | 101,00 | 63,00 |
| 1/4 | 6,350 | 101,00 | 63,00 |
| | 6,380 | 101,00 | 63,00 |
| | 6,400 | 101,00 | 63,00 |
| | 6,450 | 101,00 | 63,00 |
| | 6,500 | 101,00 | 63,00 |
| | 6,530 | 101,00 | 63,00 |
| | 6,550 | 101,00 | 63,00 |
| | 6,570 | 101,00 | 63,00 |
| | 6,600 | 101,00 | 63,00 |
| | 6,630 | 101,00 | 63,00 |
| | 6,650 | 101,00 | 63,00 |
| | 6,700 | 101,00 | 63,00 |
| 17/64 | 6,750 | 109,00 | 69,00 |
| | 6,760 | 109,00 | 69,00 |
| | 6,800 | 109,00 | 69,00 |
| | 6,810 | 109,00 | 69,00 |
| | 6,830 | 109,00 | 69,00 |
| | 6,850 | 109,00 | 69,00 |
| | 6,880 | 109,00 | 69,00 |
| | 6,900 | 109,00 | 69,00 |
| | 6,910 | 109,00 | 69,00 |
| | 6,950 | 109,00 | 69,00 |
| | 7,000 | 109,00 | 69,00 |
| | 7,020 | 109,00 | 69,00 |

| Dostępność | | | | | | |
|------------|---|---|---|---|---|---|
| ● | | | | | ○ | |
| ● | | | | | | |
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| ○ | | | | | | |
| ● | ● | ● | ● | ● | ○ | ○ |
| ● | | | | | | |
| ● | ● | ● | ● | ● | ○ | ● |
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| ● | ● | ● | ● | ● | ● | ● |

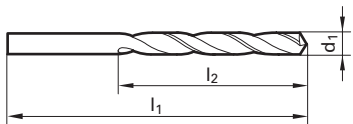
○ bez pokrycia ● parowane ● azotowane łysinki ● azotowane ● złotobrazowe ● TiAIN



Wiertła kręte, krótkie

Wiertła kręte z chwytami walcowymi

| |
|--------------------|
| Nr artykułu |
| Norma |
| Materiał narzędzia |
| Powierzchnia |
| Typ |
| Kierunek skrawania |
| Tolerancja |
| Grupa rabatowa |
| Inf. tech. na str. |



| 205 | 206 | 207 | 208 | 209 | 210 | 240 |
|---------|-------|-------|------|------|------|-------|
| DIN 338 | | | | | | |
| HSS | | | | | | |
| | | | | | | |
| N | H | W | N | H | W | N |
| prawy | prawy | prawy | lewy | lewy | lewy | prawy |
| h8 | h8 | h8 | h8 | h8 | h8 | h8 |
| 130 | 134 | 134 | 134 | 134 | 138 | 132 |

| d1 | | l1 | l2 | |
|-------|-------|--------|--------|-------|
| cale | mm | mm | mm | |
| | 7,030 | 109,00 | 69,00 | |
| | 7,040 | 109,00 | 69,00 | |
| | 7,050 | 109,00 | 69,00 | |
| | 7,060 | 109,00 | 69,00 | |
| | 7,070 | 109,00 | 69,00 | |
| 9/32 | 7,100 | 109,00 | 69,00 | |
| | 7,130 | 109,00 | 69,00 | |
| | 7,140 | 109,00 | 69,00 | |
| | 7,150 | 109,00 | 69,00 | |
| | 7,200 | 109,00 | 69,00 | |
| | 7,220 | 109,00 | 69,00 | |
| | 7,250 | 109,00 | 69,00 | |
| | 7,290 | 109,00 | 69,00 | |
| | 7,300 | 109,00 | 69,00 | |
| | 7,320 | 109,00 | 69,00 | |
| | 7,350 | 109,00 | 69,00 | |
| | 7,370 | 109,00 | 69,00 | |
| | 7,400 | 109,00 | 69,00 | |
| | 7,450 | 109,00 | 69,00 | |
| | 7,490 | 109,00 | 69,00 | |
| | 7,500 | 109,00 | 69,00 | |
| | 19/64 | 7,520 | 117,00 | 75,00 |
| | | 7,540 | 117,00 | 75,00 |
| | | 7,550 | 117,00 | 75,00 |
| 7,580 | | 117,00 | 75,00 | |
| 7,600 | | 117,00 | 75,00 | |
| 7,650 | | 117,00 | 75,00 | |
| 7,670 | | 117,00 | 75,00 | |
| 5/16 | 7,700 | 117,00 | 75,00 | |
| | 7,750 | 117,00 | 75,00 | |
| | 7,800 | 117,00 | 75,00 | |
| | 7,850 | 117,00 | 75,00 | |
| | 7,900 | 117,00 | 75,00 | |
| | 7,940 | 117,00 | 75,00 | |
| | 7,950 | 117,00 | 75,00 | |
| | 7,980 | 117,00 | 75,00 | |
| | 8,000 | 117,00 | 75,00 | |
| | 8,030 | 117,00 | 75,00 | |
| | 8,050 | 117,00 | 75,00 | |

| Dostępność | | | | | | |
|------------|---|---|---|---|---|---|
| ● | | | ○ | | | |
| ● | | | ○ | | | |
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| ○ | | | | | | |
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| ○ | | | | | | |
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| ● | ● | ● | ● | ○ | | |
| ● | ● | ● | ○ | ○ | | |
| ○ | | | | | | |
| ● | ● | ● | ● | | | |
| ● | ● | ● | ● | ○ | ○ | |
| ● | ● | ● | ○ | ○ | | ● |
| ● | | | | | | |
| ● | ● | ● | ○ | ○ | ○ | |
| ● | ● | ● | ○ | ○ | | |
| ● | ● | ● | ○ | ○ | | |
| ● | ● | ● | ○ | ○ | | |
| ● | ● | ● | ○ | ○ | | |
| ● | ● | ● | ○ | ○ | | |
| ● | ● | ● | ○ | ○ | | |
| ● | ● | ● | ○ | ○ | | |
| ○ | | | | | | |
| ● | ● | ● | ● | ● | ● | ● |
| ● | | ○ | | | | |
| ● | ● | ● | ● | ● | ● | ● |
| ● | ● | ○ | ○ | ○ | | |
| ● | ● | ● | ○ | ○ | | |
| ● | ● | ● | ○ | ○ | | |
| ○ | | | | | | |
| ● | ● | ● | ● | ● | ● | ● |
| ● | ● | | ○ | ○ | | |
| ● | ● | ● | ○ | ○ | | |

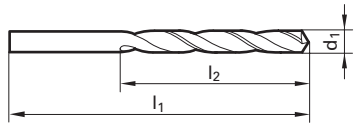
○ bez pokrycia ● parowane ● azotowane łysinki ● azotowane ● złotobrazowe ● TiAIN



Wiertła kręte, krótkie

Wiertła kręte z chwytami walcowymi

| | | | | 205 | 206 | 207 | 208 | 209 | 210 | 240 |
|-------|------|-------|--------|------------|-------|-------|------|------|------|-------|
| | | | | DIN 338 | | | | | | |
| | | | | HSS | | | | | | |
| | | | | | | | | | | |
| | | | | N | H | W | N | H | W | N |
| | | | | prawy | prawy | prawy | lewy | lewy | lewy | prawy |
| | | | | h8 | h8 | h8 | h8 | h8 | h8 | h8 |
| | | | | 130 | 134 | 134 | 134 | 134 | 138 | 132 |
| | | | | Dostępność | | | | | | |
| | d1 | l1 | l2 | | | | | | | |
| | cale | mm | mm | | | | | | | |
| | | 8,100 | 117,00 | | | | | | | |
| | | 8,130 | 117,00 | | | | | | | |
| | | 8,150 | 117,00 | | | | | | | |
| | | 8,200 | 117,00 | | | | | | | |
| | | 8,250 | 117,00 | | | | | | | |
| | | 8,300 | 117,00 | | | | | | | |
| 21/64 | | 8,330 | 117,00 | | | | | | | |
| | | 8,350 | 117,00 | | | | | | | |
| | | 8,400 | 117,00 | | | | | | | |
| | | 8,430 | 117,00 | | | | | | | |
| | | 8,450 | 117,00 | | | | | | | |
| | | 8,500 | 117,00 | | | | | | | |
| | | 8,550 | 125,00 | | | | | | | |
| | | 8,600 | 125,00 | | | | | | | |
| | | 8,610 | 125,00 | | | | | | | |
| | | 8,650 | 125,00 | | | | | | | |
| 11/32 | | 8,700 | 125,00 | | | | | | | |
| | | 8,730 | 125,00 | | | | | | | |
| | | 8,750 | 125,00 | | | | | | | |
| | | 8,800 | 125,00 | | | | | | | |
| | | 8,840 | 125,00 | | | | | | | |
| | | 8,850 | 125,00 | | | | | | | |
| | | 8,900 | 125,00 | | | | | | | |
| | | 8,950 | 125,00 | | | | | | | |
| | | 8,970 | 125,00 | | | | | | | |
| | | 9,000 | 125,00 | | | | | | | |
| | | 9,030 | 125,00 | | | | | | | |
| | | 9,040 | 125,00 | | | | | | | |
| | | 9,050 | 125,00 | | | | | | | |
| | | 9,090 | 125,00 | | | | | | | |
| | | 9,100 | 125,00 | | | | | | | |
| 23/64 | | 9,130 | 125,00 | | | | | | | |
| | | 9,150 | 125,00 | | | | | | | |
| | | 9,200 | 125,00 | | | | | | | |
| | | 9,250 | 125,00 | | | | | | | |
| | | 9,300 | 125,00 | | | | | | | |
| | | 9,340 | 125,00 | | | | | | | |
| | | 9,350 | 125,00 | | | | | | | |
| | | 9,400 | 125,00 | | | | | | | |



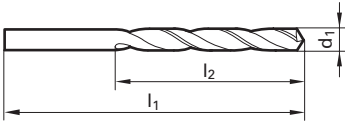
bez pokrycia
 parowane
 azotowane łysinki
 azotowane
 złotobrazowe
 TiAIN



Wiertła kręte, krótkie

Wiertła kręte z chwytaniem walcowym

Nr artykułu
Norma
Materiał narzędzia
Powierzchnia
Typ
Kierunek skrawania
Tolerancja
Grupa rabatowa
Inf. tech. na str.



| 205 | 206 | 207 | 208 | 209 | 210 | 240 |
|---------|-------|-------|------|------|------|-------|
| DIN 338 | | | | | | |
| HSS | | | | | | |
| | | | | | | |
| N | H | W | N | H | W | N |
| prawy | prawy | prawy | lewy | lewy | lewy | prawy |
| h8 | h8 | h8 | h8 | h8 | h8 | h8 |
| 130 | 134 | 134 | 134 | 134 | 138 | 132 |
| | | | | | | |

| d1 | | l1 | l2 |
|-------|--------|--------|-------|
| cale | mm | mm | mm |
| | 9,450 | 125,00 | 81,00 |
| | 9,500 | 125,00 | 81,00 |
| | 9,510 | 133,00 | 87,00 |
| 3/8 | 9,520 | 133,00 | 87,00 |
| | 9,550 | 133,00 | 87,00 |
| | 9,560 | 133,00 | 87,00 |
| | 9,570 | 133,00 | 87,00 |
| | 9,580 | 133,00 | 87,00 |
| | 9,600 | 133,00 | 87,00 |
| | 9,650 | 133,00 | 87,00 |
| | 9,700 | 133,00 | 87,00 |
| | 9,750 | 133,00 | 87,00 |
| 25/64 | 9,800 | 133,00 | 87,00 |
| | 9,850 | 133,00 | 87,00 |
| | 9,900 | 133,00 | 87,00 |
| | 9,920 | 133,00 | 87,00 |
| | 9,950 | 133,00 | 87,00 |
| | 10,000 | 133,00 | 87,00 |
| | 10,040 | 133,00 | 87,00 |
| | 10,050 | 133,00 | 87,00 |
| | 10,060 | 133,00 | 87,00 |
| | 10,080 | 133,00 | 87,00 |
| | 10,100 | 133,00 | 87,00 |
| | 10,150 | 133,00 | 87,00 |
| | 10,200 | 133,00 | 87,00 |
| | 10,250 | 133,00 | 87,00 |
| | 10,260 | 133,00 | 87,00 |
| 13/32 | 10,300 | 133,00 | 87,00 |
| | 10,320 | 133,00 | 87,00 |
| | 10,350 | 133,00 | 87,00 |
| | 10,400 | 133,00 | 87,00 |
| | 10,450 | 133,00 | 87,00 |
| | 10,490 | 133,00 | 87,00 |
| | 10,500 | 133,00 | 87,00 |
| | 10,550 | 133,00 | 87,00 |
| | 10,600 | 133,00 | 87,00 |
| 27/64 | 10,700 | 142,00 | 94,00 |
| | 10,720 | 142,00 | 94,00 |
| | 10,750 | 142,00 | 94,00 |

| Dostępność | | | | | | |
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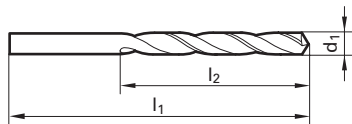
bez pokrycia
 parowane
 azotowane łysinki
 azotowane
 złotobrazowe
 TiAIN



Wiertła kręte, krótkie

Wiertła kręte z chwytami walcowymi

Nr artykułu
Norma
Materiał narzędzia
Powierzchnia
Typ
Kierunek skrawania
Tolerancja
Grupa rabatowa
Inf. tech. na str.



| 205 | 206 | 207 | 208 | 209 | 210 | 240 |
|---------|-------|-------|------|------|------|-------|
| DIN 338 | | | | | | |
| HSS | | | | | | |
| | | | | | | |
| N | H | W | N | H | W | N |
| prawy | prawy | prawy | lewy | lewy | lewy | prawy |
| h8 | h8 | h8 | h8 | h8 | h8 | h8 |
| 130 | 134 | 134 | 134 | 134 | 138 | 132 |
| | | | | | | |

| d1 | | l1 | l2 |
|-------|--------|--------|--------|
| cale | mm | mm | mm |
| | 10,800 | 142,00 | 94,00 |
| | 10,900 | 142,00 | 94,00 |
| | 10,950 | 142,00 | 94,00 |
| | 11,000 | 142,00 | 94,00 |
| | 11,050 | 142,00 | 94,00 |
| | 11,100 | 142,00 | 94,00 |
| 7/16 | 11,110 | 142,00 | 94,00 |
| | 11,150 | 142,00 | 94,00 |
| | 11,200 | 142,00 | 94,00 |
| | 11,250 | 142,00 | 94,00 |
| | 11,300 | 142,00 | 94,00 |
| | 11,350 | 142,00 | 94,00 |
| | 11,400 | 142,00 | 94,00 |
| | 11,500 | 142,00 | 94,00 |
| 29/64 | 11,510 | 142,00 | 94,00 |
| | 11,520 | 142,00 | 94,00 |
| | 11,600 | 142,00 | 94,00 |
| | 11,650 | 142,00 | 94,00 |
| | 11,700 | 142,00 | 94,00 |
| | 11,750 | 142,00 | 94,00 |
| | 11,800 | 142,00 | 94,00 |
| | 11,900 | 151,00 | 101,00 |
| 15/32 | 11,910 | 151,00 | 101,00 |
| | 11,950 | 151,00 | 101,00 |
| | 12,000 | 151,00 | 101,00 |
| | 12,050 | 151,00 | 101,00 |
| | 12,100 | 151,00 | 101,00 |
| | 12,150 | 151,00 | 101,00 |
| | 12,200 | 151,00 | 101,00 |
| | 12,250 | 151,00 | 101,00 |
| 31/64 | 12,300 | 151,00 | 101,00 |
| | 12,400 | 151,00 | 101,00 |
| | 12,500 | 151,00 | 101,00 |
| | 12,600 | 151,00 | 101,00 |
| | 12,650 | 151,00 | 101,00 |
| 1/2 | 12,700 | 151,00 | 101,00 |
| | 12,750 | 151,00 | 101,00 |
| | 12,800 | 151,00 | 101,00 |
| | 12,850 | 151,00 | 101,00 |

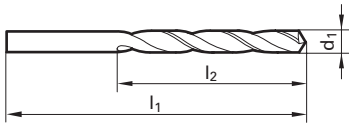
| Dostępność | | | | | | |
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Wiertła kręte, krótkie

Wiertła kręte z chwytami walcowymi

Nr artykułu
Norma
Materiał narzędzia
Powierzchnia
Typ
Kierunek skrawania
Tolerancja
Grupa rabatowa
Inf. tech. na str.



| 205 | 206 | 207 | 208 | 209 | 210 | 240 |
|---------|-------|-------|------|------|------|-------|
| DIN 338 | | | | | | |
| HSS | | | | | | |
| | | | | | | |
| N | H | W | N | H | W | N |
| prawy | prawy | prawy | lewy | lewy | lewy | prawy |
| h8 | h8 | h8 | h8 | h8 | h8 | h8 |
| 130 | 134 | 134 | 134 | 134 | 138 | 132 |
| | | | | | | |

| cale | d1 | | l1 | l2 |
|-------|--------|--------|--------|----|
| | mm | mm | | |
| 33/64 | 12,900 | 151,00 | 101,00 | |
| | 13,000 | 151,00 | 101,00 | |
| | 13,030 | 151,00 | 101,00 | |
| | 13,050 | 151,00 | 101,00 | |
| 17/32 | 13,100 | 151,00 | 101,00 | |
| | 13,150 | 151,00 | 101,00 | |
| | 13,200 | 151,00 | 101,00 | |
| | 13,250 | 160,00 | 108,00 | |
| 35/64 | 13,300 | 160,00 | 108,00 | |
| | 13,400 | 160,00 | 108,00 | |
| | 13,490 | 160,00 | 108,00 | |
| | 13,500 | 160,00 | 108,00 | |
| 9/16 | 13,530 | 160,00 | 108,00 | |
| | 13,600 | 160,00 | 108,00 | |
| | 13,700 | 160,00 | 108,00 | |
| | 13,750 | 160,00 | 108,00 | |
| 37/64 | 13,800 | 160,00 | 108,00 | |
| | 13,890 | 160,00 | 108,00 | |
| | 13,900 | 160,00 | 108,00 | |
| | 14,000 | 160,00 | 108,00 | |
| 19/32 | 14,050 | 169,00 | 114,00 | |
| | 14,100 | 169,00 | 114,00 | |
| | 14,150 | 169,00 | 114,00 | |
| | 14,200 | 169,00 | 114,00 | |
| 19/32 | 14,250 | 169,00 | 114,00 | |
| | 14,290 | 169,00 | 114,00 | |
| | 14,300 | 169,00 | 114,00 | |
| | 14,400 | 169,00 | 114,00 | |
| 19/32 | 14,500 | 169,00 | 114,00 | |
| | 14,600 | 169,00 | 114,00 | |
| | 14,680 | 169,00 | 114,00 | |
| | 14,700 | 169,00 | 114,00 | |
| 19/32 | 14,750 | 169,00 | 114,00 | |
| | 14,800 | 169,00 | 114,00 | |
| | 14,850 | 169,00 | 114,00 | |
| | 14,900 | 169,00 | 114,00 | |
| 19/32 | 15,000 | 169,00 | 114,00 | |
| | 15,050 | 178,00 | 120,00 | |
| | 15,080 | 178,00 | 120,00 | |
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| Dostępność | | | | | | |
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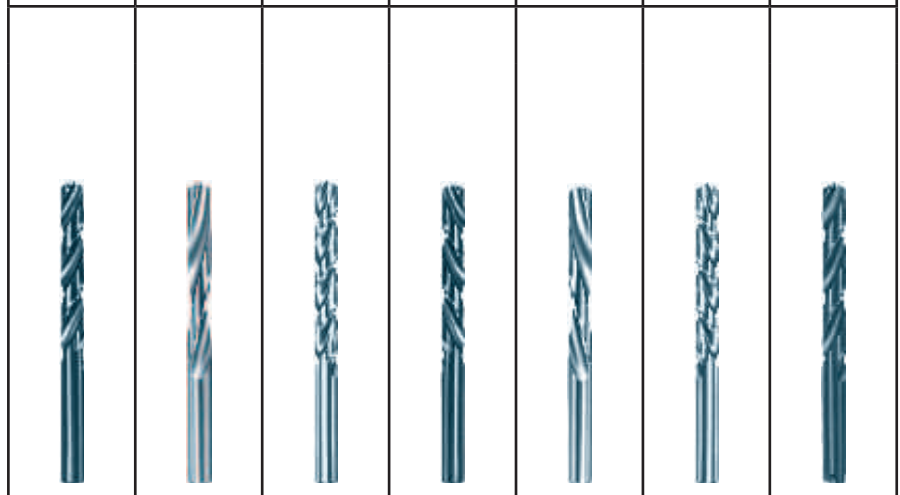
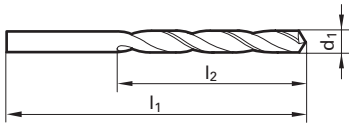


Wiertła kręte, krótkie

Wiertła kręte z chwytami walcowymi

Nr artykułu
 Norma
 Materiał narzędzia
 Powierzchnia
 Typ
 Kierunek skrawania
 Tolerancja
 Grupa rabatowa
 Inf. tech. na str.

| 205 | 206 | 207 | 208 | 209 | 210 | 240 |
|---------|-------|-------|------|------|------|-------|
| DIN 338 | | | | | | |
| HSS | | | | | | |
| | | | | | | |
| N | H | W | N | H | W | N |
| prawy | prawy | prawy | lewy | lewy | lewy | prawy |
| h8 | h8 | h8 | h8 | h8 | h8 | h8 |
| 130 | 134 | 134 | 134 | 134 | 138 | 132 |



| cale | d1 | | l1 | l2 |
|-------|--------|--------|--------|----|
| | mm | mm | | |
| | 15,100 | 178,00 | 120,00 | |
| | 15,200 | 178,00 | 120,00 | |
| | 15,250 | 178,00 | 120,00 | |
| 39/64 | 15,300 | 178,00 | 120,00 | |
| | 15,400 | 178,00 | 120,00 | |
| | 15,480 | 178,00 | 120,00 | |
| | 15,500 | 178,00 | 120,00 | |
| | 15,600 | 178,00 | 120,00 | |
| | 15,700 | 178,00 | 120,00 | |
| 5/8 | 15,750 | 178,00 | 120,00 | |
| | 15,800 | 178,00 | 120,00 | |
| | 15,870 | 178,00 | 120,00 | |
| 41/64 | 15,900 | 178,00 | 120,00 | |
| | 16,000 | 178,00 | 120,00 | |
| | 16,100 | 184,00 | 125,00 | |
| | 16,200 | 184,00 | 125,00 | |
| | 16,250 | 184,00 | 125,00 | |
| | 16,270 | 184,00 | 125,00 | |
| 21/32 | 16,300 | 184,00 | 125,00 | |
| | 16,400 | 184,00 | 125,00 | |
| | 16,500 | 184,00 | 125,00 | |
| | 16,600 | 184,00 | 125,00 | |
| | 16,670 | 184,00 | 125,00 | |
| | 16,700 | 184,00 | 125,00 | |
| | 16,750 | 184,00 | 125,00 | |
| 43/64 | 16,800 | 184,00 | 125,00 | |
| | 16,900 | 184,00 | 125,00 | |
| | 17,000 | 184,00 | 125,00 | |
| | 17,070 | 191,00 | 130,00 | |
| | 17,100 | 191,00 | 130,00 | |
| 11/16 | 17,200 | 191,00 | 130,00 | |
| | 17,250 | 191,00 | 130,00 | |
| | 17,300 | 191,00 | 130,00 | |
| | 17,400 | 191,00 | 130,00 | |
| | 17,460 | 191,00 | 130,00 | |
| | 17,500 | 191,00 | 130,00 | |
| | 17,600 | 191,00 | 130,00 | |
| | 17,700 | 191,00 | 130,00 | |
| | 17,750 | 191,00 | 130,00 | |

| Dostępność | | | | | | |
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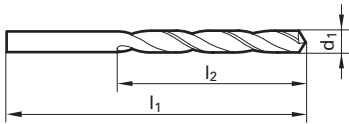
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Wiertła kręte, krótkie

Wiertła kręte z
chwytami walcowymi

Nr artykułu
 Norma
 Materiał narzędzia
 Powierzchnia
 Typ
 Kierunek skrawania
 Tolerancja
 Grupa rabatowa
 Inf. tech. na str.



| 205 | 206 | 207 | 208 | 209 | 210 | 240 |
|---------|-------|-------|------|------|------|-------|
| DIN 338 | | | | | | |
| HSS | | | | | | |
| | | | | | | |
| N | H | W | N | H | W | N |
| prawy | prawy | prawy | lewy | lewy | lewy | prawy |
| h8 | h8 | h8 | h8 | h8 | h8 | h8 |
| 130 | 134 | 134 | 134 | 134 | 138 | 132 |
| | | | | | | |

| cale | d1 | | l1 | l2 |
|-------|--------|--------|--------|----|
| | mm | mm | | |
| 45/64 | 17,800 | 191,00 | 130,00 | |
| | 17,860 | 191,00 | 130,00 | |
| | 17,900 | 191,00 | 130,00 | |
| | 18,000 | 191,00 | 130,00 | |
| | 18,100 | 198,00 | 135,00 | |
| | 18,200 | 198,00 | 135,00 | |
| | 18,250 | 198,00 | 135,00 | |
| | 18,260 | 198,00 | 135,00 | |
| 23/32 | 18,300 | 198,00 | 135,00 | |
| | 18,500 | 198,00 | 135,00 | |
| | 18,600 | 198,00 | 135,00 | |
| 47/64 | 18,650 | 198,00 | 135,00 | |
| | 18,750 | 198,00 | 135,00 | |
| | 18,800 | 198,00 | 135,00 | |
| | 18,900 | 198,00 | 135,00 | |
| | 19,000 | 198,00 | 135,00 | |
| | 19,050 | 205,00 | 140,00 | |
| 3/4 | 19,100 | 205,00 | 140,00 | |
| | 19,200 | 205,00 | 140,00 | |
| | 19,250 | 205,00 | 140,00 | |
| | 19,400 | 205,00 | 140,00 | |
| | 19,500 | 205,00 | 140,00 | |
| | 19,600 | 205,00 | 140,00 | |
| | 19,750 | 205,00 | 140,00 | |
| | 19,800 | 205,00 | 140,00 | |
| 25/32 | 19,840 | 205,00 | 140,00 | |
| | 20,000 | 205,00 | 140,00 | |
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| Dostępność | | | | | | |
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