



# HARTNER

## Micropunte senza fori di refrigerazione

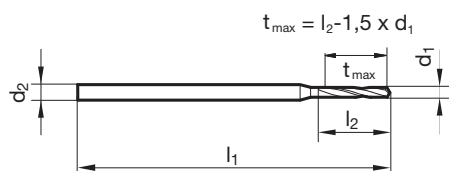
Articolo nr. 87011



| P | M | K | N | S | H |
|---|---|---|---|---|---|
| • | • | • | • | ○ |   |



affilatura su piani • < Ø 0,15 mm acciaio HSS legato al Co • con codolo rinforzato  
acciai legati in alta percentuale



| d1<br>mm | d2<br>mm | l1<br>mm | l2<br>mm | d1<br>mm | d2<br>mm | l1<br>mm | l2<br>mm |
|----------|----------|----------|----------|----------|----------|----------|----------|
| 0,050    | 1,000    | 25,000   | 0,400    | 0,345    | 1,000    | 25,000   | 2,400    |
| 0,060    | 1,000    | 25,000   | 0,400    | 0,350    | 1,000    | 25,000   | 2,400    |
| 0,080    | 1,000    | 25,000   | 0,500    | 0,355    | 1,000    | 25,000   | 2,400    |
| 0,090    | 1,000    | 25,000   | 0,500    | 0,360    | 1,000    | 25,000   | 2,400    |
| 0,100    | 1,000    | 25,000   | 0,500    | 0,365    | 1,000    | 25,000   | 2,400    |
| 0,110    | 1,000    | 25,000   | 0,500    | 0,370    | 1,000    | 25,000   | 2,400    |
| 0,120    | 1,000    | 25,000   | 0,500    | 0,375    | 1,000    | 25,000   | 2,400    |
| 0,130    | 1,000    | 25,000   | 0,800    | 0,380    | 1,000    | 25,000   | 2,400    |
| 0,140    | 1,000    | 25,000   | 0,800    | 0,390    | 1,000    | 25,000   | 3,000    |
| 0,150    | 1,000    | 25,000   | 0,800    | 0,400    | 1,000    | 25,000   | 3,000    |
| 0,160    | 1,000    | 25,000   | 1,100    | 0,405    | 1,000    | 25,000   | 3,000    |
| 0,170    | 1,000    | 25,000   | 1,100    | 0,410    | 1,000    | 25,000   | 3,000    |
| 0,180    | 1,000    | 25,000   | 1,100    | 0,415    | 1,000    | 25,000   | 3,000    |
| 0,190    | 1,000    | 25,000   | 1,100    | 0,420    | 1,000    | 25,000   | 3,000    |
| 0,200    | 1,000    | 25,000   | 1,500    | 0,425    | 1,000    | 25,000   | 3,000    |
| 0,205    | 1,000    | 25,000   | 1,500    | 0,430    | 1,000    | 25,000   | 3,000    |
| 0,210    | 1,000    | 25,000   | 1,500    | 0,440    | 1,000    | 25,000   | 3,000    |
| 0,215    | 1,000    | 25,000   | 1,500    | 0,450    | 1,000    | 25,000   | 3,000    |
| 0,220    | 1,000    | 25,000   | 1,500    | 0,460    | 1,000    | 25,000   | 3,000    |
| 0,225    | 1,000    | 25,000   | 1,500    | 0,470    | 1,000    | 25,000   | 3,000    |
| 0,230    | 1,000    | 25,000   | 1,500    | 0,480    | 1,000    | 25,000   | 3,000    |
| 0,235    | 1,000    | 25,000   | 1,500    | 0,485    | 1,000    | 25,000   | 3,400    |
| 0,240    | 1,000    | 25,000   | 1,500    | 0,490    | 1,000    | 25,000   | 3,400    |
| 0,245    | 1,000    | 25,000   | 1,900    | 0,495    | 1,000    | 25,000   | 3,400    |
| 0,250    | 1,000    | 25,000   | 1,900    | 0,500    | 1,000    | 25,000   | 3,400    |
| 0,255    | 1,000    | 25,000   | 1,900    | 0,510    | 1,000    | 25,000   | 3,400    |
| 0,260    | 1,000    | 25,000   | 1,900    | 0,520    | 1,000    | 25,000   | 3,400    |
| 0,265    | 1,000    | 25,000   | 1,900    | 0,530    | 1,000    | 25,000   | 3,400    |
| 0,270    | 1,000    | 25,000   | 1,900    | 0,535    | 1,000    | 25,000   | 3,900    |
| 0,275    | 1,000    | 25,000   | 1,900    | 0,540    | 1,000    | 25,000   | 3,900    |
| 0,280    | 1,000    | 25,000   | 1,900    | 0,550    | 1,000    | 25,000   | 3,900    |
| 0,285    | 1,000    | 25,000   | 1,900    | 0,555    | 1,000    | 25,000   | 3,900    |
| 0,290    | 1,000    | 25,000   | 1,900    | 0,560    | 1,000    | 25,000   | 3,900    |
| 0,295    | 1,000    | 25,000   | 1,900    | 0,570    | 1,000    | 25,000   | 3,900    |
| 0,300    | 1,000    | 25,000   | 1,900    | 0,580    | 1,000    | 25,000   | 3,900    |
| 0,310    | 1,000    | 25,000   | 2,400    | 0,585    | 1,000    | 25,000   | 3,900    |
| 0,315    | 1,000    | 25,000   | 2,400    | 0,590    | 1,000    | 25,000   | 3,900    |
| 0,320    | 1,000    | 25,000   | 2,400    | 0,600    | 1,000    | 25,000   | 3,900    |
| 0,325    | 1,000    | 25,000   | 2,400    | 0,610    | 1,000    | 25,000   | 4,200    |
| 0,330    | 1,000    | 25,000   | 2,400    | 0,620    | 1,000    | 25,000   | 4,200    |
| 0,335    | 1,000    | 25,000   | 2,400    | 0,630    | 1,000    | 25,000   | 4,200    |
| 0,340    | 1,000    | 25,000   | 2,400    | 0,640    | 1,000    | 25,000   | 4,200    |



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| d1<br>mm | d2<br>mm | l1<br>mm | l2<br>mm | d1<br>mm | d2<br>mm | l1<br>mm | l2<br>mm |
|----------|----------|----------|----------|----------|----------|----------|----------|
| 0,650    | 1,000    | 25,000   | 4,200    | 1,060    | 1,500    | 25,000   | 6,800    |
| 0,660    | 1,000    | 25,000   | 4,200    | 1,070    | 1,500    | 25,000   | 7,600    |
| 0,665    | 1,000    | 25,000   | 4,200    | 1,080    | 1,500    | 25,000   | 7,600    |
| 0,670    | 1,000    | 25,000   | 4,200    | 1,100    | 1,500    | 25,000   | 7,600    |
| 0,680    | 1,000    | 25,000   | 4,800    | 1,110    | 1,500    | 25,000   | 7,600    |
| 0,690    | 1,000    | 25,000   | 4,800    | 1,120    | 1,500    | 25,000   | 7,600    |
| 0,700    | 1,000    | 25,000   | 4,800    | 1,140    | 1,500    | 25,000   | 7,600    |
| 0,710    | 1,000    | 25,000   | 4,800    | 1,150    | 1,500    | 25,000   | 7,600    |
| 0,720    | 1,000    | 25,000   | 4,800    | 1,160    | 1,500    | 25,000   | 7,600    |
| 0,730    | 1,000    | 25,000   | 4,800    | 1,180    | 1,500    | 25,000   | 7,600    |
| 0,740    | 1,000    | 25,000   | 4,800    | 1,190    | 1,500    | 25,000   | 8,500    |
| 0,750    | 1,000    | 25,000   | 4,800    | 1,200    | 1,500    | 25,000   | 8,500    |
| 0,760    | 1,000    | 25,000   | 5,300    | 1,210    | 1,500    | 25,000   | 8,500    |
| 0,770    | 1,000    | 25,000   | 5,300    | 1,230    | 1,500    | 25,000   | 8,500    |
| 0,780    | 1,000    | 25,000   | 5,300    | 1,240    | 1,500    | 25,000   | 8,500    |
| 0,790    | 1,000    | 25,000   | 5,300    | 1,250    | 1,500    | 25,000   | 8,500    |
| 0,800    | 1,500    | 25,000   | 5,300    | 1,260    | 1,500    | 25,000   | 8,500    |
| 0,810    | 1,500    | 25,000   | 5,300    | 1,270    | 1,500    | 25,000   | 8,500    |
| 0,820    | 1,500    | 25,000   | 5,300    | 1,280    | 1,500    | 25,000   | 8,500    |
| 0,830    | 1,500    | 25,000   | 5,300    | 1,300    | 1,500    | 25,000   | 8,500    |
| 0,840    | 1,500    | 25,000   | 5,300    | 1,310    | 1,500    | 25,000   | 8,500    |
| 0,850    | 1,500    | 25,000   | 5,300    | 1,320    | 1,500    | 25,000   | 8,500    |
| 0,860    | 1,500    | 25,000   | 6,000    | 1,340    | 1,500    | 25,000   | 9,500    |
| 0,870    | 1,500    | 25,000   | 6,000    | 1,350    | 1,500    | 25,000   | 9,500    |
| 0,880    | 1,500    | 25,000   | 6,000    | 1,380    | 1,500    | 25,000   | 9,500    |
| 0,890    | 1,500    | 25,000   | 6,000    | 1,390    | 1,500    | 25,000   | 9,500    |
| 0,900    | 1,500    | 25,000   | 6,000    | 1,400    | 1,500    | 25,000   | 9,500    |
| 0,910    | 1,500    | 25,000   | 6,000    | 1,410    | 1,500    | 25,000   | 9,500    |
| 0,920    | 1,500    | 25,000   | 6,000    | 1,420    | 1,500    | 25,000   | 9,500    |
| 0,930    | 1,500    | 25,000   | 6,000    | 1,430    | 1,500    | 25,000   | 9,500    |
| 0,940    | 1,500    | 25,000   | 6,000    | 1,440    | 1,500    | 25,000   | 9,500    |
| 0,950    | 1,500    | 25,000   | 6,000    | 1,450    | 1,500    | 25,000   | 9,500    |
| 0,960    | 1,500    | 25,000   | 6,800    | 1,500    | 2,000    | 30,000   | 9,500    |
| 0,970    | 1,500    | 25,000   | 6,800    | 1,600    | 2,000    | 30,000   | 10,600   |
| 0,980    | 1,500    | 25,000   | 6,800    | 1,630    | 2,000    | 30,000   | 10,600   |
| 0,990    | 1,500    | 25,000   | 6,800    | 1,800    | 2,000    | 30,000   | 11,800   |
| 1,000    | 1,500    | 25,000   | 6,800    | 1,850    | 2,000    | 30,000   | 11,800   |
| 1,010    | 1,500    | 25,000   | 6,800    | 1,900    | 2,000    | 30,000   | 11,800   |
| 1,020    | 1,500    | 25,000   | 6,800    |          |          |          |          |
| 1,030    | 1,500    | 25,000   | 6,800    |          |          |          |          |
| 1,040    | 1,500    | 25,000   | 6,800    |          |          |          |          |
| 1,050    | 1,500    | 25,000   | 6,800    |          |          |          |          |