

### Wood twist drills for machines chrome vanadium steel

Point cut: centre point and 2 shoulder cutting edges  
 Surface: black steam tempered  
 ground pilot point  
 Shank: straight shank

Right hand cutting

Packing unit: in plastic packs of 1

Highly efficient wood drill made of abrasion proof chrome vanadium steel. The centre point guarantees precise drilling. Exact and non splintering drilling with the shoulder cutting edges. Ideally suitable for dowel-hole drillings.

Applications: for drilling in soft wood, hard wood, plywood, hardboards and veneer wood.

| Ø mm | Total length mm | Working length mm | Part no. |
|------|-----------------|-------------------|----------|
| 3.0  | 61              | 46                | R208030  |
| 4.0  | 73              | 52                | R208040  |
| 5.0  | 86              | 60                | R208050  |
| 6.0  | 91              | 66                | R208060  |
| 7.0  | 107             | 72                | R208070  |
| 8.0  | 116             | 80                | R208080  |
| 9.0  | 124             | 84                | R208090  |
| 10.0 | 132             | 90                | R208100  |
| 11.0 | 132             | 100               | R208110  |
| 12.0 | 150             | 102               | R208120  |
| 13.0 | 152             | 112               | R208130  |
| 14.0 | 159             | 112               | R208140  |
| 15.0 | 167             | 112               | R208150  |
| 16.0 | 168             | 112               | R208160  |
| 18.0 | 184             | 130               | R208180  |
| 20.0 | 200             | 130               | R208200  |
| 22.0 | 200             | 130               | R208220  |
| 24.0 | 200             | 130               | R208240  |
| 26.0 | 200             | 130               | R208260  |
| 28.0 | 200             | 130               | R208280  |
| 30.0 | 200             | 130               | R208300  |



### Twist augers chrome vanadium steel

Point: self-drawing crest of thread with taper tap  
 Shank: hexagon shank up to span of the jaw maximum 12mm

Right hand cutting

Packing unit: in plastic bags of 1

Twist augers made of abrasion proof chrome vanadium steel. The self-drawing crest of thread guarantees precise drilling. Exact and non splintering drilling with the taper tap. The hardened head and major cutting edge guarantees high endurance, LEWIS-spiral for an optimum chip clearance.

Applications: for drilling in soft wood, hard wood, glue wood, solid wood, face wood and beams

| Ø mm | Total length mm | Working length mm | Part no. |
|------|-----------------|-------------------|----------|
| 6.0  | 230             | 160               | R208406  |
| 8.0  | 230             | 160               | R208408  |
| 10.0 | 230             | 160               | R208410  |
| 12.0 | 230             | 160               | R208412  |
| 14.0 | 230             | 160               | R208414  |
| 16.0 | 230             | 160               | R208416  |
| 18.0 | 230             | 160               | R208418  |
| 20.0 | 230             | 160               | R208420  |
| 22.0 | 230             | 160               | R208422  |
| 24.0 | 230             | 160               | R208424  |
| 26.0 | 230             | 160               | R208426  |
| 28.0 | 230             | 160               | R208428  |
| 30.0 | 230             | 160               | R208430  |
| 32.0 | 230             | 160               | R208432  |
| 8.0  | 460             | 360               | R208508  |
| 10.0 | 460             | 360               | R208510  |
| 12.0 | 460             | 360               | R208512  |
| 14.0 | 460             | 360               | R208514  |
| 16.0 | 460             | 360               | R208516  |
| 18.0 | 460             | 360               | R208518  |
| 20.0 | 460             | 360               | R208520  |
| 22.0 | 460             | 360               | R208522  |
| 24.0 | 460             | 360               | R208524  |
| 26.0 | 460             | 360               | R208526  |
| 28.0 | 460             | 360               | R208528  |
| 30.0 | 460             | 360               | R208530  |
| 32.0 | 460             | 360               | R208532  |
| 8.0  | 600             | 530               | R208608  |
| 10.0 | 600             | 530               | R208610  |
| 12.0 | 600             | 530               | R208612  |
| 14.0 | 600             | 530               | R208614  |
| 16.0 | 600             | 530               | R208616  |
| 18.0 | 600             | 530               | R208618  |
| 20.0 | 600             | 530               | R208620  |
| 22.0 | 600             | 530               | R208622  |
| 24.0 | 600             | 530               | R208624  |
| 26.0 | 600             | 530               | R208626  |
| 28.0 | 600             | 530               | R208628  |
| 30.0 | 600             | 530               | R208630  |
| 32.0 | 600             | 530               | R208632  |



### Hinge boring bits

Point: centre point with  
2 major cutting edges  
made of tungsten carbide

Surface: black  
steam tempered

Shank: straight shank

Right hand cutting

Packing unit: in plastic bags of 1

High efficient hinge boring bits with high endurance through precise ground tungsten carbide cutting edges. Exact drilling is guaranteed by the centre point. Very precise and non splintering drilling through the carbide major cutting edge.

Applications: for drilling in soft wood, hard wood, glue wood, solid wood, face wood and beams



| Ø mm | Total length mm | Working length mm | Part no. |
|------|-----------------|-------------------|----------|
| 20.0 | 60              | 35                | R212020  |
| 25.0 | 60              | 35                | R212025  |
| 26.0 | 60              | 35                | R212026  |
| 30.0 | 60              | 35                | R212030  |
| 35.0 | 60              | 35                | R212035  |

### Forstner drills chrome vanadium steel = DIN 7483 G

Point cut: centre point with  
2 major cutting edges

Surface: Black steam tempered  
pilot point, bright

Shank: straight shank

Right hand cutting

Highly efficient forstner drills with high endurance through precise cutting edges. Exact drilling with the aid of the centre point. The two peripheral cutting edges guarantee a very exact and non-splintering drilling.

Applications: for drilling in soft wood, hard wood, glue wood, chip boards, wood core plywood, hardboards, plastic laminated plates, plastics.

Packaging: in plastic bags of 1 each

| Ø mm | Total length mm | Working length mm | Part no. |
|------|-----------------|-------------------|----------|
| 8.0  | 90              | 60                | R212080  |
| 10.0 | 90              | 60                | R212100  |
| 12.0 | 90              | 60                | R212120  |
| 14.0 | 90              | 60                | R212140  |
| 15.0 | 90              | 60                | R212150  |
| 16.0 | 90              | 60                | R212160  |
| 18.0 | 90              | 60                | R212180  |
| 20.0 | 90              | 60                | R212200  |
| 22.0 | 90              | 60                | R212220  |
| 24.0 | 90              | 60                | R212240  |
| 25.0 | 90              | 60                | R212250  |
| 26.0 | 90              | 60                | R212260  |
| 28.0 | 90              | 60                | R212280  |
| 30.0 | 90              | 60                | R212300  |
| 32.0 | 90              | 60                | R212320  |
| 34.0 | 90              | 60                | R212340  |
| 35.0 | 90              | 60                | R212350  |
| 36.0 | 90              | 60                | R212360  |
| 38.0 | 90              | 60                | R212380  |
| 40.0 | 90              | 60                | R212400  |
| 45.0 | 90              | 60                | R212450  |
| 50.0 | 90              | 60                | R212500  |



### Flat centring bits chrome vanadium steel

Point: sharpened centre point with flute  
 Cutting edge: 2 major cutting edges  
 Shank: hexagon shank up to the span of the jaw of 6mm

Exact drilling through the centre point. The two major cutting edges guarantee a peeled cut. Conical side cutting edges prevent the wedging in the wood.

Applications: for drilling in soft and hard wood, chip boards and beams.

Right hand cutting

Packing unit: in plastic bags of 1

| Ø mm | Total length mm | Working length mm | Part no. |
|------|-----------------|-------------------|----------|
| 6.0  | 160             | 120               | R220060  |
| 8.0  | 160             | 120               | R220080  |
| 10.0 | 160             | 120               | R220100  |
| 12.0 | 160             | 120               | R220120  |
| 13.0 | 160             | 120               | R220130  |
| 14.0 | 160             | 120               | R220140  |
| 16.0 | 160             | 120               | R220160  |
| 17.0 | 160             | 120               | R220170  |
| 18.0 | 160             | 120               | R220180  |
| 19.0 | 160             | 120               | R220190  |
| 20.0 | 160             | 120               | R220200  |
| 22.0 | 160             | 120               | R220220  |
| 24.0 | 160             | 120               | R220240  |
| 25.0 | 160             | 120               | R220250  |
| 28.0 | 165             | 125               | R220280  |
| 30.0 | 165             | 125               | R220300  |
| 32.0 | 165             | 125               | R220320  |
| 35.0 | 170             | 130               | R220350  |
| 38.0 | 170             | 130               | R220380  |
| 40.0 | 170             | 130               | R220400  |



### Extension for flat centring bits

| Description  | Part no. |
|--|----------|
| Prolongation for flat centring bits with hexagon shank, span of the jaw 6mm total length 300mm | R220001  |

