

# DRILLS

ดอกสว่าน

**maykestag** | PERFORMANCE IN PRECISION

ดอกสว่านคาร์ไบด์

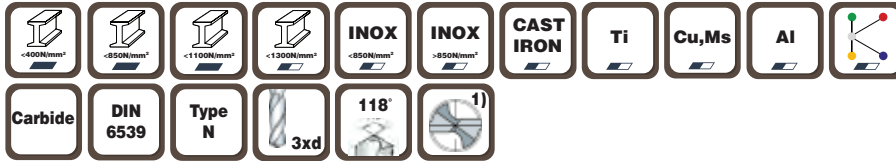
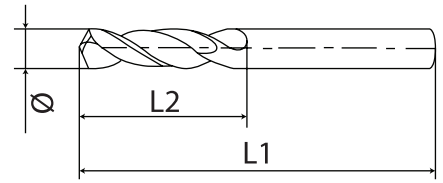
**Solid carbide stub drills, Short Series (3D) - DIN 6539**



Model 6146



Model 6147



Range of application:

Especially suitable for drilling heat resistant steels, Cr-Ni steels, high carbon steel castings, grey cast iron, cast steels, manganese steels, bronze, aluminium with high percentage silicium and other difficult-to-machine materials (coated design).

| Order No. 6146<br>Art. - Nr. | Order No. 6147<br>Art. - Nr. | Ø <sub>n7</sub><br>mm | L1<br>mm | L2<br>mm | Z |
|------------------------------|------------------------------|-----------------------|----------|----------|---|
| 614600501                    | 614700501                    | 0.50                  | 26       | 6        | 2 |
| 614600601                    | 614700601                    | 0.60                  | 26       | 6        | 2 |
| 614600701                    | 614700701                    | 0.70                  | 26       | 6        | 2 |
| 614600801                    | 614700801                    | 0.80                  | 26       | 6        | 2 |
| 614600901                    | 614700901                    | 0.90                  | 26       | 6        | 2 |
| 614601001                    | 614701001                    | 1.00                  | 26       | 6        | 2 |
| 614601101                    | 614701101                    | 1.10                  | 28       | 7        | 2 |
| 614601201                    | 614701201                    | 1.20                  | 30       | 8        | 2 |
| 614601301                    | 614701301                    | 1.30                  | 30       | 8        | 2 |
| 614601401                    | 614701401                    | 1.40                  | 32       | 9        | 2 |
| 614601501                    | 614701501                    | 1.50                  | 32       | 9        | 2 |
| 614601601                    | 614701601                    | 1.60                  | 34       | 10       | 2 |
| 614601701                    | 614701701                    | 1.70                  | 34       | 10       | 2 |
| 614601801                    | 614701801                    | 1.80                  | 36       | 11       | 2 |
| 614601901                    | 614701901                    | 1.90                  | 36       | 11       | 2 |
| 614602001                    | 614702001                    | 2.00                  | 38       | 12       | 2 |
| 614602101                    | 614702101                    | 2.10                  | 38       | 12       | 2 |
| 614602201                    | 614702201                    | 2.20                  | 40       | 13       | 2 |
| 614602301                    | 614702301                    | 2.30                  | 40       | 13       | 2 |
| 614602401                    | 614702401                    | 2.40                  | 43       | 14       | 2 |
| 614602501                    | 614702501                    | 2.50                  | 43       | 14       | 2 |
| 614602601                    | 614702601                    | 2.60                  | 43       | 14       | 2 |
| 614602701                    | 614702701                    | 2.70                  | 46       | 16       | 2 |
| 614602801                    | 614702801                    | 2.80                  | 46       | 16       | 2 |
| 614602901                    | 614702901                    | 2.90                  | 46       | 16       | 2 |
| 614603001                    | 614703001                    | 3.00                  | 46       | 16       | 2 |
| 614603101                    | 614703101                    | 3.10                  | 49       | 18       | 2 |
| 614603201                    | 614703201                    | 3.20                  | 49       | 18       | 2 |
| 614603301                    | 614703301                    | 3.30                  | 49       | 18       | 2 |
| 614603401                    | 614703401                    | 3.40                  | 52       | 20       | 2 |
| 614603501                    | 614703501                    | 3.50                  | 52       | 20       | 2 |
| 614603601                    | 614703601                    | 3.60                  | 52       | 20       | 2 |
| 614603701                    | 614703701                    | 3.70                  | 52       | 20       | 2 |
| 614603801                    | 614703801                    | 3.80                  | 55       | 22       | 2 |
| 614603901                    | 614703901                    | 3.90                  | 55       | 22       | 2 |
| 614604001                    | 614704001                    | 4.00                  | 55       | 22       | 2 |
| 614604101                    | 614704101                    | 4.10                  | 55       | 22       | 2 |
| 614604201                    | 614704201                    | 4.20                  | 55       | 22       | 2 |
| 614604301                    | 614704301                    | 4.30                  | 58       | 24       | 2 |
| 614604401                    | 614704401                    | 4.40                  | 58       | 24       | 2 |
| 614604501                    | 614704501                    | 4.50                  | 58       | 24       | 2 |
| 614604601                    | 614704601                    | 4.60                  | 58       | 24       | 2 |
| 614604701                    | 614704701                    | 4.70                  | 58       | 24       | 2 |
| 614604801                    | 614704801                    | 4.80                  | 62       | 26       | 2 |
| 614604901                    | 614704901                    | 4.90                  | 62       | 26       | 2 |
| 614605001                    | 614705001                    | 5.00                  | 62       | 26       | 2 |
| 614605101                    | 614705101                    | 5.10                  | 62       | 26       | 2 |
| 614605201                    | 614705201                    | 5.20                  | 62       | 26       | 2 |

1) ≤ Ø 2,90 mm 4-faced point shape

≥ Ø 3,00 mm 6-faced point shape

| Order No. 6146<br>Art. - Nr. | Order No. 6147<br>Art. - Nr. | Ø <sub>h7</sub><br>mm | L1<br>mm | L2<br>mm | Z |
|------------------------------|------------------------------|-----------------------|----------|----------|---|
| 6146005301                   | 6147005301                   | 5.30                  | 62       | 26       | 2 |
| 6146005401                   | 6147005401                   | 5.40                  | 66       | 28       | 2 |
| 6146005501                   | 6147005501                   | 5.50                  | 66       | 28       | 2 |
| 6146005601                   | 6147005601                   | 5.60                  | 66       | 28       | 2 |
| 6146005701                   | 6147005701                   | 5.70                  | 66       | 28       | 2 |
| 6146005801                   | 6147005801                   | 5.80                  | 66       | 28       | 2 |
| 6146005901                   | 6147005901                   | 5.90                  | 66       | 28       | 2 |
| 6146006001                   | 6147006001                   | 6.00                  | 66       | 28       | 2 |
| 6146006101                   | 6147006101                   | 6.10                  | 70       | 31       | 2 |
| 6146006201                   | 6147006201                   | 6.20                  | 70       | 31       | 2 |
| 6146006301                   | 6147006301                   | 6.30                  | 70       | 31       | 2 |
| 6146006401                   | 6147006401                   | 6.40                  | 70       | 31       | 2 |
| 6146006501                   | 6147006501                   | 6.50                  | 70       | 31       | 2 |
| 6146006601                   | 6147006601                   | 6.60                  | 70       | 31       | 2 |
| 6146006701                   | 6147006701                   | 6.70                  | 70       | 31       | 2 |
| 6146006801                   | 6147006801                   | 6.80                  | 74       | 34       | 2 |
| 6146006901                   | 6147006901                   | 6.90                  | 74       | 34       | 2 |
| 6146007001                   | 6147007001                   | 7.00                  | 74       | 34       | 2 |
| 6146007101                   | 6147007101                   | 7.10                  | 74       | 34       | 2 |
| 6146007201                   | 6147007201                   | 7.20                  | 74       | 34       | 2 |
| 6146007301                   | 6147007301                   | 7.30                  | 74       | 34       | 2 |
| 6146007401                   | 6147007401                   | 7.40                  | 74       | 34       | 2 |
| 6146007501                   | 6147007501                   | 7.50                  | 74       | 34       | 2 |
| 6146007601                   | 6147007601                   | 7.60                  | 79       | 36       | 2 |
| 6146007701                   | 6147007701                   | 7.70                  | 79       | 36       | 2 |
| 6146007801                   | 6147007801                   | 7.80                  | 79       | 36       | 2 |
| 6146007901                   | 6147007901                   | 7.90                  | 79       | 36       | 2 |
| 6146008001                   | 6147008001                   | 8.00                  | 79       | 36       | 2 |
| 6146008101                   | 6147008101                   | 8.10                  | 79       | 36       | 2 |
| 6146008201                   | 6147008201                   | 8.20                  | 79       | 36       | 2 |
| 6146008301                   | 6147008301                   | 8.30                  | 79       | 36       | 2 |
| 6146008401                   | 6147008401                   | 8.40                  | 79       | 36       | 2 |
| 6146008501                   | 6147008501                   | 8.50                  | 79       | 36       | 2 |
| 6146008601                   | 6147008601                   | 8.60                  | 84       | 40       | 2 |
| 6146008701                   | 6147008701                   | 8.70                  | 84       | 40       | 2 |
| 6146008801                   | 6147008801                   | 8.80                  | 84       | 40       | 2 |
| 6146008901                   | 6147008901                   | 8.90                  | 84       | 40       | 2 |
| 6146009001                   | 6147009001                   | 9.00                  | 84       | 40       | 2 |
| 6146009101                   | 6147009101                   | 9.10                  | 84       | 40       | 2 |
| 6146009201                   | 6147009201                   | 9.20                  | 84       | 40       | 2 |
| 6146009301                   | 6147009301                   | 9.30                  | 84       | 40       | 2 |
| 6146009401                   | 6147009401                   | 9.40                  | 84       | 40       | 2 |
| 6146009501                   | 6147009501                   | 9.50                  | 84       | 40       | 2 |
| 6146009601                   | 6147009601                   | 9.60                  | 89       | 43       | 2 |
| 6146009701                   | 6147009701                   | 9.70                  | 89       | 43       | 2 |
| 6146009801                   | 6147009801                   | 9.80                  | 89       | 43       | 2 |
| 6146009901                   | 6147009901                   | 9.90                  | 89       | 43       | 2 |
| 6146010001                   | 6147010001                   | 10.00                 | 89       | 43       | 2 |
| 6146010201                   | 6147010201                   | 10.20                 | 89       | 43       | 2 |
| 6146010501                   | 6147010501                   | 10.50                 | 89       | 43       | 2 |
| 6146010801                   | 6147010801                   | 10.80                 | 95       | 47       | 2 |
| 6146011001                   | 6147011001                   | 11.00                 | 95       | 47       | 2 |
| 6146011501                   | 6147011501                   | 11.50                 | 95       | 47       | 2 |
| 6146012001                   | 6147012001                   | 12.00                 | 102      | 51       | 2 |
| 6146012501                   | 6147012501                   | 12.50                 | 102      | 51       | 2 |
| 6146013001                   | 6147013001                   | 13.00                 | 102      | 51       | 2 |
| 6146013501                   | 6147013501                   | 13.50                 | 107      | 54       | 2 |
| 6146014001                   | 6147014001                   | 14.00                 | 107      | 54       | 2 |
| 6146014501                   |                              | 14.50                 | 111      | 56       | 2 |
| 6146015001                   |                              | 15.00                 | 111      | 56       | 2 |
| 6146015501                   |                              | 15.50                 | 115      | 58       | 2 |
| 6146016001                   |                              | 16.00                 | 115      | 58       | 2 |
| 6146016501                   |                              | 16.50                 | 119      | 60       | 2 |
| 6146017001                   |                              | 17.00                 | 119      | 60       | 2 |
| 6146017501                   |                              | 17.50                 | 123      | 62       | 2 |
| 6146018001                   |                              | 18.00                 | 123      | 62       | 2 |
| 6146018501                   |                              | 18.50                 | 127      | 64       | 2 |
| 6146019001                   |                              | 19.00                 | 127      | 64       | 2 |
| 6146019501                   |                              | 19.50                 | 131      | 66       | 2 |
| 6146020001                   |                              | 20.00                 | 131      | 66       | 2 |

1) ≤ Ø 2,90 mm 4-faced point shape

≥ Ø 3,00 mm 6-faced point shape