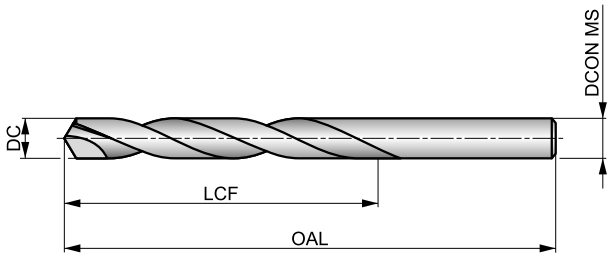
# A160

DORMER



## HSS Jobber Drill, Steam Tempered Finish, with Brazed Carbide Point

HSS body with a brazed carbide tip, giving the performance of a carbide drill with a strong and flexible body. It has a 118°, 4-facet self-centering point making it an economical choice when drilling cast iron materials. It can be used in both conventional and CNC machines.




| HSS HM | DIN 338 | 4×D |
|---|---|---|
| 118° | Bright ST | |
| λ 20-35° | R | DC h8 |

Workpiece material group suitability, starting values for cutting speed (m/min) and feed Alpha Code. Tables with feed per revolution can be found starting from page 175.

| P1.1 | P1.2 | P1.3 | P2.1 | P2.2 | P2.3 | P3.1 | P3.2 | P3.3 | P4.1 | P4.2 | P4.3 | M1.1 | M1.2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ◪73 E | ◪82 E | ◪85 E | ◪63 E | ◪55 D | ◪49 C | ◪59 D | ◪47 D | ◪40 C | ◪35 D | ◪30 C | ◪24 A | ◪55 B | ◪46 B |
| **M2.1** | **M2.2** | **M3.1** | **M3.2** | **M3.3** | **M4.1** | **K1.1** | **K1.2** | **K1.3** | **K2.1** | **K2.2** | **K2.3** | **K3.1** | **K3.2** |
| ◪49 B | ◪40 B | ◪41 C | ◪35 C | ◪32 C | ◪35 A | ■50 C | ■37 A | ■28 A | ■43 A | ■35 A | ■28 A | ■38 A | ■29 A |
| **K3.3** | **K4.1** | **K4.2** | **K4.3** | **K4.4** | **K4.5** | **K5.1** | **K5.2** | **K5.3** | **N1.1** | **N1.2** | **N1.3** | **N2.1** | **N2.2** |
| ■24 A | ■35 A | ■27 A | ■20 A | ■17 A | ■14 A | ■40 A | ■30 A | ■23 A | ◪50 I | ◪38 I | ◪25 H | ◪62 G | ◪55 G |
| **N2.3** | **N3.1** | **N3.2** | **N3.3** | **N4.2** | **S1.1** | **S1.2** | **S1.3** | **S2.1** | **S2.2** | **S3.1** | **S3.2** | **S4.1** | **S4.2** |
| ◪40 G | ◪119 C | ◪70 G | ◪35 D | ◪60 E | ◪35 A | ◪35 A | ◪25 A | ◪33 A | ◪28 A | ◪25 A | ◪20 A | ◪20 A | ◪16 A |

| Product | DC (mm) | DC (inch) | LCF (mm) | OAL (mm) | DCON MS (mm) |
|---|---|---|---|---|---|
| **A1604.0** | 4.00 | 0.1575 | 43.0 | 75.0 | 4.00 |
| **A1604.5** | 4.50 | 0.1772 | 47.0 | 80.0 | 4.50 |
| **A1605.0** | 5.00 | 0.1969 | 52.0 | 86.0 | 5.00 |
| **A1605.5** | 5.50 | 0.2165 | 57.0 | 93.0 | 5.50 |
| **A1606.0** | 6.00 | 0.2362 | 57.0 | 93.0 | 6.00 |
| **A1606.5** | 6.50 | 0.2559 | 63.0 | 101.0 | 6.50 |
| **A1606.8** | 6.80 | 0.2677 | 69.0 | 109.0 | 6.80 |
| **A1607.0** | 7.00 | 0.2756 | 69.0 | 109.0 | 7.00 |
| **A1607.5** | 7.50 | 0.2953 | 69.0 | 109.0 | 7.50 |
| **A1608.0** | 8.00 | 0.3150 | 75.0 | 117.0 | 8.00 |
| **A1608.5** | 8.50 | 0.3346 | 75.0 | 117.0 | 8.50 |
| **A1609.0** | 9.00 | 0.3543 | 81.0 | 125.0 | 9.00 |
| **A1609.5** | 9.50 | 0.3740 | 81.0 | 125.0 | 9.50 |
| **A16010.0** | 10.00 | 0.3937 | 87.0 | 133.0 | 10.00 |
| **A16010.2** | 10.20 | 0.4016 | 87.0 | 133.0 | 10.20 |
| **A16010.5** | 10.50 | 0.4134 | 87.0 | 133.0 | 10.50 |
| **A16011.0** | 11.00 | 0.4331 | 94.0 | 142.0 | 11.00 |
| **A16011.5** | 11.50 | 0.4528 | 94.0 | 142.0 | 11.50 |
| **A16012.0** | 12.00 | 0.4724 | 101.0 | 151.0 | 12.00 |
| **A16013.0** | 13.00 | 0.5118 | 101.0 | 151.0 | 13.00 |
| **A16014.0** | 14.00 | 0.5512 | 108.0 | 160.0 | 14.00 |
| **A16015.0** | 15.00 | 0.5906 | 114.0 | 169.0 | 15.00 |
| **A16016.0** | 16.00 | 0.6299 | 120.0 | 178.0 | 16.00 |