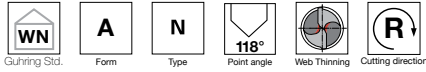


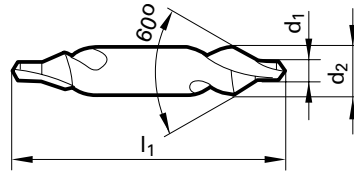
Center drills, 60° angle

Series no. **590**



Tool material **HSS**
Surface

- | | | | |
|----------|-----------------|---|--|
| P | Steel | ● | web thinning $\geq \varnothing 2.000$ • relieved cone • with reinforced neck to provide high fracture resistance • without protective countersink • recess between countersink and hole for additional lubricant space • for center holes to DIN 332, part 1, form A |
| M | Stainless steel | ○ | |
| K | Cast iron | ● | |
| N | Aluminum | ● | |
| S | Titanium alloys | ○ | |
| H | Hardened steel | | |
- =Optimal
○=Limited



Speeds and feeds information on pg. 528

| Diameter (d1) | | d2 mm | l1 mm | EDP # |
|---------------|------|----------|----------|---------------|
| inch | mm | | | |
| 0.0394 | 1.00 | 3.15 | 31.50 | 9005900010000 |
| 0.0492 | 1.25 | 3.15 | 31.50 | 9005900012500 |
| 0.0630 | 1.60 | 4.00 | 35.50 | 9005900016000 |
| 0.0787 | 2.00 | 5.00 | 40.00 | 9005900020000 |
| 0.0984 | 2.50 | 6.30 | 45.00 | 9005900025000 |
| 0.1240 | 3.15 | 8.00 | 50.00 | 9005900031500 |
| 0.1575 | 4.00 | 10.00 | 56.00 | 9005900040000 |
| 0.1969 | 5.00 | 12.50 | 63.00 | 9005900050000 |
| 0.2480 | 6.30 | 16.00 | 71.00 | 9005900063000 |

| Diameter (d1) | | d2 mm | l1 mm | EDP # |
|---------------|-------|----------|----------|---------------|
| inch | mm | | | |
| 0.3150 | 8.00 | 20.00 | 80.00 | 9005900080000 |
| 0.3937 | 10.00 | 25.00 | 100.00 | 9005900100000 |
| | | | | |
| | | | | |

Center Drills