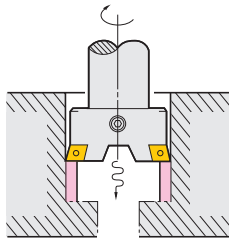


BALANCE-CUT BORING ARBOR (RAC-E)



Balance cut boring bar executes boring in 2 cartridge inserts absorbing the vibration each other. The faster the feed rate, the better swarf ejection. This is ideal for rough and medium boring.

Double Cutting Capability

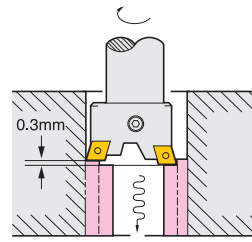


Please use RAC-K for through hole boring.

☞ P.67, P.68



Example of 2 Stepped Balance Cut



Approx. double removal of below cutting condition is possible by -0.3 Cartridge.
☞ P.70

| TAPER | Code No. | Boring Range D | Boring Depth M | Cupling Dia Q | C | C ₁ | Shank Code No. | Spacer Code No. | P.62 | | Weight (kg) | Fig |
|-------|------------------|----------------|----------------|---------------|----|----------------|--------------------------|-----------------|----------------|---------|-------------|-----|
| | | | | | | | | | Head Code No. | Tip No. | | |
| No.50 | BT50-RAC 25-150E | 25~ 32 | 67 | 12 | 24 | 44 | BT50-Q12- 95 | — | 12-RAC 25- 55E | CC07-C | 4.7 | 1 |
| | (IT50) -180E | | 105 | | | | -Q12-125 | | | | 4.9 | |
| | -195E | | 112 | | | | -Q12- 95 | | | | 4.8 | |
| | -RAC 32-180E | 32~ 45 | 77 | 16 | 31 | 50 | -Q16-125N | — | 16-RAC 32- 55E | CC08-C | 5.4 | 1 |
| | -210E | | 110 | | | | -Q16-155 | | | | 5.6 | |
| | -225E | | 122 | | | | -Q16-125N | | | | 5.6 | |
| | -RAC 43-180E | 43~ 55 | 97 | 20 | 40 | 60 | -Q20-110 | — | 20-RAC 43- 70E | — | 5.7 | 1 |
| | -195E | | 130 | | | | -Q20-125 | | | | 5.8 | |
| | -225E | | 142 | | | | -Q20-110 | | | | 6.1 | |
| | -240E | | 157 | | | | SP20-20-45 SP20-20-60 | | | | 6.2 | |
| | -RAC 53-210E | 53~ 70 | 117 | 26 | 50 | 65 | -Q26-140 | — | 26-RAC 53- 70E | — | 6.9 | 1 |
| | -240E | | 182 | | | | -Q26-170N | | | | 7.0 | |
| | -270E | | 177 | | | | SP26-26-60 | | | | 7.6 | |
| | -RAC 70-255E | 70~100 | 205 | 34 | 64 | 80 | -Q34-170 | — | 34-RAC 70- 85E | — | 9.5 | 1 |
| | -285E | | 235 | | | | -Q34-200 | | | | 9.9 | |
| | -315E | | 265 | | | | -Q34-170 | | | | 10.9 | |
| | -RAC100-225E | 100~130 | 225 | 42 | 83 | 83 | -Q42-125 | — | 42-RAC100-100E | — | 12.5 | 1 |
| | -290E | | 290 | | | | -Q42-190 | | | | 15.2 | |
| -325E | 325 | | -Q42-225A | | | | 16.5 | | | | | |

★“C” grade (Coated) inserts are supplied as standard with the head. ☞ P.62 Please refer ☞ P.95 for cutting condition. ★Code No. of RAC25 and RAC32 with CC inserts are changed to RAC25E and RAC32E.
★Please refer ☞ P.85 for base holder, ☞ P.86 for spacer and ☞ P.69 for head. e.g. BT50-RAC25-150 → BT50-RAC25-150E
★For centre through tool coolant type, please add “-C” at the end of Code No. e.g. BT50-RAC53-210E-C
★BT50-RAC100-375E, 425E and 475E are also available. 12-RAC25- 55 → 12-RAC25- 55E

Insert tip for RAC-E

● : best ○ : good

| Material | Steel | | ● | ○ |
|----------------------|-----------------|------------------|------------------|--------|
| | Stainless Steel | | ● | ○ |
| | Cast Iron | | ○ | ● |
| Aluminium | | ○ | ○ | |
| | | Coated Carbide M | Coated Carbide K | |
| | | Grade | C | |
| | | Material | AC630M | AC410K |
| Applicable Arbor | Dimension | Code No. | Nose R | |
| RAC025E | | CC07-○4 | 0.4 | ● ● |
| | | CC07-○8 | 0.8 | ● ● |
| RAC25E(CC08), RAC32E | | CC08-○4 | 0.4 | ● ● |
| | | CC08-○8 | 0.8 | ● ● |
| RAC43E - RAC530E | | CC12-○4 | 0.4 | ● ● |
| | | CC12-○8 | 0.8 | ● ● |

Please add the grade indication into ○, and add the insert tip material indication at the end of the Code No. e.g. CC12-C8 (AC630M)

★Minimum order quantity : 10pcs.