STAYS SHARPER.
[Better tip sharpness through wear life]

- Useful tip life is increased 10-15%
- Digging ability is better throughout tip life
- Better penetration reduces machine strain

CHANGES EASIER.
[Quick and easy tip change-outs]

- Twist-on design helps:
  - guide tip on to adapter
  - holds tip in place while retainer is installed/removed
- Vertical retainer orientation makes changes more convenient
- Low force and common tools are used to remove and install retainer

HOLDS TIGHTER.
[Reliable tip retention]

- Retainer locks securely to stabilize and tighten
- Opposing inclined side rails on adapter:
  - stabilize tip on adapter
  - improve back-loading resistance
  - take loads to reduce strain on retainer
- Tight fit between tip and adapter limits movement and reduces wear
- Adapter nose is stronger with no hole for pin
**MODEL COVERAGE**

A full range of tip shapes is available to meet specific application requirements.

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**MODEL**

| 938 950 953 962 | K80 |
| 315 318 320 324 |
| 950 962 963 966 972 973 | K90 |
| 315 318 320 322 324 325 |
| 980 / 320 322 324 325 330 | K100 |

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**DRIVE-THROUGH**

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**MODEL**

| 980 988 / 322 324 325 330 345 | K110 |
| 988 990 / 345 365 | K130 |
| 990 992 / 365 385 | K150 |
| 992 / 385 | K170 |