

Coiling Pins with PCD Insert – Processing Stainless Steel Wire Economically

Tool system

Coiling pins with a PCD insert feature a very long tool life. Due to the superior hardness of the PCD inserts, coiling pins with PCD inserts have a much longer tool life than coiling pins made of carbide. Despite their extreme hardness, these coiling pins are still quite resilient.

Test results

- Extension spring strand
Wire Ø 0.34 mm | 1,4310 | Wm 8.6 |
Wire length per spring 1,849 mm > **1,200,000 pieces**
- Compression spring
Wire Ø 0.50 mm | Inox 301 | Wm 7.5 |
Wire length per spring 247 mm > **56,000,000 pieces**



▲ Coiling pins with PCD insert

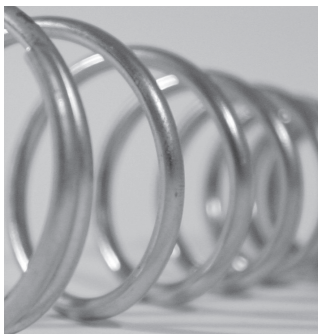


Our Expertise for your Benefit

- Production of small spring indexes
- Reduction of tooling times and costs due to less tool changes
- Stainless steel materials show less adhesion

Machine Types:

- FUL 0
- FUL 16
- FUL 23
- FUL 25
- FUL 26+
- FSE 15
- FSE 13
- FSE 23
- EcoCoiler F2



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