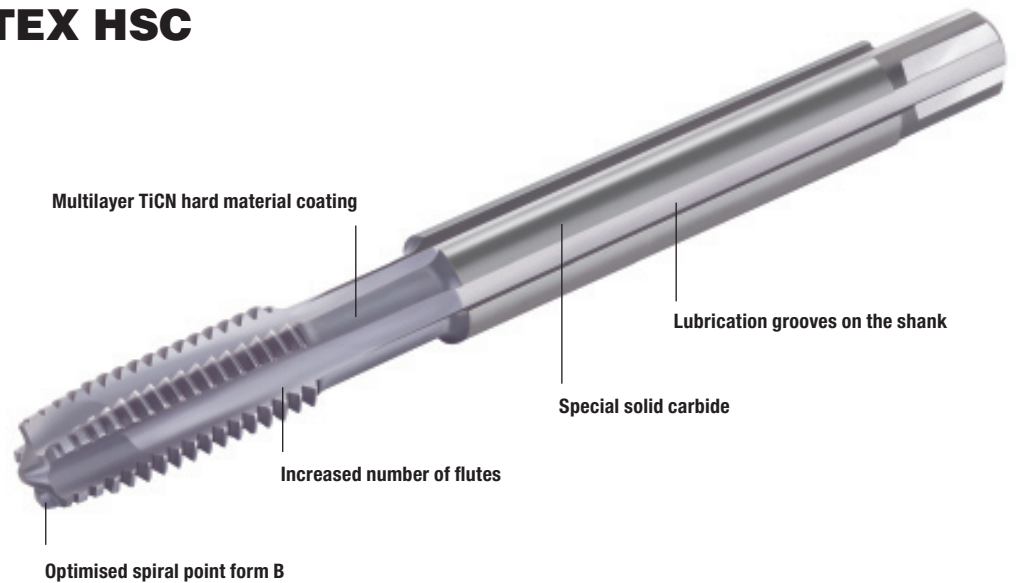


Solid carbide taps for long-chipping materials PROTOTEX HSC

Main dimensions:
 M: M6 - M12
 MF: M6x0.75 - M16x1.5



THE TOOL:

- Special solid carbide with increased wear resistance and high toughness
- Optimised spiral point, guarantees greater process reliability when used with long-chipping materials
- Increased number of flutes and TiCN for very long tool life

THE APPLICATION:

- Long-chipping materials, particularly steels of medium to greater strength
 $R_m = c. 1.200 \text{ N/mm}^2$
- Focus on minimum production costs per thread and considerable increases in productivity

Condition:

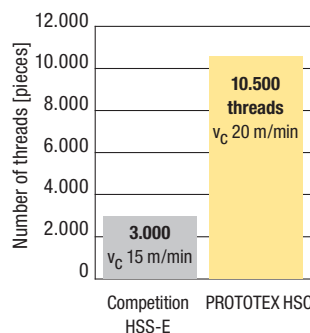
- Stable application conditions
- Modern machining centres or modern transfer lines
- Synchronized tapping (rigid tapping) or stable conventional tool adaptors

YOUR ADVANTAGES:

- Minimum production costs per thread
- Up to 3 times the cutting speed compared with conventional HSS-E taps
- Considerably longer tool life
- Less tool changes and optimum machine output
- Reduced use of coolant on account of the ability to dry or MQL machine

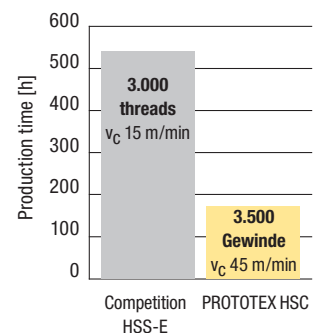
Example 1

Material	C45
Thread	M14x1.5
Thread depth	21 mm
Number of components	100.000
Free machine capacity	248 h



Example 2

Material	C70
Thread	M8x1
Thread depth	16 mm
Number of components	200.000
Free machine capacity	357 h



Result: Optimum productivity thanks to the 3x cutting speed and considerably longer tool life