

Threaded inserts solid body

Item description/product images



Description

Material:

Threaded insert in steel.

Version:

Passivated.

Note:

Solid body threaded inserts allow threaded holes which have been damaged, torn out or jammed to be used again or to be repaired. This makes it possible to recover scrap and rejects of expensive products.

Solid body threaded inserts are suitable for use in various materials, including light metals and castings.

Permissible deviations:

The medium tolerance class applies to the threads listed, i.e. 6g for bolt threads.

Other dimensions ± 0.25 mm.

Solid body threaded inserts are used where threaded holes that have been drilled too large or drill hole spacings that have not been observed in workpieces need to be redone.

Technical information see operating instructions for threaded inserts.

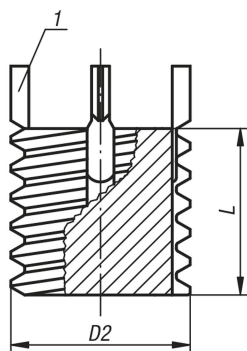
Advantages:

- Quick and easy installation.
- The insert is fixed with pins in order to prevent torsion due to twisting or vibrations.
- No other special tools are required besides the assembly tool.

Drawing reference:

1) locking pin

Drawings



Overview of items

Threaded inserts solid body and assembly tools

| Order No. | D2 external thread | L length | Core drill \emptyset | Counter- sink \emptyset +0.25 | Tap size | Min. thread depth | Removal drill \emptyset | Removal drilling depth | Order No. assembly tools |
|-----------|-----------------------|-------------|---------------------------|---------------------------------------|-------------|-------------------------|---------------------------------|------------------------------|-----------------------------|
| K0400.08 | M8 | 8 | 6,9 | 8,3 | M8 | 9,5 | 5,5 | 4 | K0400.808 |

Threaded inserts solid body

Overview of items

| Order No. | D2 external thread | L length | Core drill Ø | Counter- sink Ø +0.25 | Tap size | Min. thread depth | Removal drill Ø | Removal drilling depth | Order No. assembly tools |
|---------------------|-----------------------|-------------|-----------------|-----------------------------|-------------|-------------------------|-----------------------|------------------------------|-----------------------------|
| K0400.10X125 | M10x1,25 | 10 | 8,8 | 10,3 | M10x1,25 | 12,5 | 7,5 | 4,8 | K0400.810 |
| K0400.12X125 | M12x1,25 | 12 | 10,8 | 12,3 | M12x1,25 | 14,5 | 9,5 | 4,8 | K0400.812 |
| K0400.14X15 | M14x1,5 | 14 | 12,8 | 14,3 | M14x1,5 | 16,5 | 11,5 | 4,8 | K0400.814 |
| K0400.16X15 | M16x1,5 | 16 | 14,8 | 16,3 | M16x1,5 | 18,5 | 13,5 | 4,8 | K0400.816 |
| K0400.18X15 | M18x1,5 | 18 | 16,8 | 18,3 | M18x1,5 | 20,5 | 15,5 | 4,8 | K0400.818 |
| K0400.20X15 | M20x1,5 | 20 | 18,8 | 20,3 | M20x1,5 | 22,5 | 17,5 | 4,8 | K0400.820 |
| K0400.22X15 | M22x1,5 | 22 | 20,7 | 22,3 | M22x1,5 | 24,5 | 17,8 | 6,4 | K0400.822 |
| K0400.24X15 | M24x1,5 | 24 | 22,5 | 24,3 | M24x1,5 | 26,5 | 19,8 | 6,4 | K0400.824 |
| K0400.30X2 | M30x2 | 30 | 28 | 30,3 | M30x2 | 34,5 | 25,8 | 6,4 | K0400.830 |