

## Screw tap, HSSE UNC 2B 40° (right) 371 similar to C

For universal use up to 1000 N/mm<sup>2</sup>

**ATORN**<sup>®</sup>



### Application

For producing UNC (Unified Coarse) threads on CNC machines or conventional machines in **blind holes** in the steel, (stainless steel), non-ferrous metals and (cast iron) material groups up to a strength of 1000 N/mm<sup>2</sup>.

### Version

- With transition-fit shank

### Advantage

- Long service life and high process reliability thanks to innovative cutting geometry, and universal use for maximum flexibility in use.

| Application | Steel (N/mm <sup>2</sup> ) |       |       | Stainless steel |         | Alu   |      | Brass |      | Bronze |      | Plas-tics | Graphite G(C)FK | GG(G) GjMW | Titan-alloy | Nickel-alloy | Super-alloy | Hard mat. |         |
|-------------|----------------------------|-------|-------|-----------------|---------|-------|------|-------|------|--------|------|-----------|-----------------|------------|-------------|--------------|-------------|-----------|---------|
|             | <700                       | <1000 | <1300 | marten.         | austen. | short | long | short | long | short  | long |           |                 |            |             |              |             | <55 HRC   | <65 HRC |
|             | 16                         | 11    |       | 9               |         | 18    | 18   | 15    | 18   | 15     | 15   | 13        | 14              | 16         |             |              |             |           |         |

|   |                    |
|---|--------------------|
| <b>Art. No.</b>                                 | <b>13348 120</b>   |
| <b>Type</b>                                     | P MAX 1000         |
| <b>Thread type</b>                              | UNC                |
| <b>Thread type x nominal diameter in inches</b> | UNC 7/16 in        |
| <b>Number of thread starts per inch</b>         | 14                 |
| <b>Hole type</b>                                | Blind hole ≤ 2.5xD |
| <b>Cutting material</b>                         | HSSE               |
| <b>Surface</b>                                  | Vaporised          |
| <b>Lead angle shape</b>                         | C                  |
| <b>Tolerance of screw taps</b>                  | 2B                 |
| <b>Twist angle</b>                              | 40° (right)        |
| <b>Shaft diameter</b>                           | 8 mm               |
| <b>Application type/machine type</b>            | CNC, Conventional  |
| <b>Core hole diameter</b>                       | 9.4 mm             |
| <b>Coolant supply</b>                           | External           |
| <b>Length</b>                                   | 100 mm             |
| <b>Shank square</b>                             | 6.2 mm             |
| <b>Cutting speed (steel 1000) suitability</b>   | 1                  |
| <b>Cutting speed (steel 1300) suitability</b>   | 3                  |
| <b>Overall stainless steel suitability</b>      | 3                  |
| <b>fitness not iron total</b>                   | 1                  |
| <b>fitness Titan/Nickel/Super total</b>         | 3                  |
| <b>Cutting speed (cast) suitability</b>         | 2                  |
| <b>Cutting speed (hard 55) suitability</b>      | 3                  |
| <b>Cutting speed (hard 65) suitability</b>      | 3                  |
| <b>DIN</b>                                      | Similar to 371     |

### EAN-Code

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