

## Spiral Fluted Taps for Carbon Steels of Medium Hardness, Through Hole Use (with LH Spiral Flutes)

| Size               | Class | Code       | Chamfer | L<br>(mm) | ℓ<br>(mm) | ℓ <sub>n</sub><br>(mm) | ℓ <sub>s</sub><br>(mm) | D <sub>s</sub><br>(mm) | K<br>(mm) | ℓ <sub>k</sub><br>(mm) | No. of<br>flutes | TYPE |
|--------------------|-------|------------|---------|-----------|-----------|------------------------|------------------------|------------------------|-----------|------------------------|------------------|------|
| For Metric Threads |       |            |         |           |           |                        |                        |                        |           |                        |                  |      |
| M2 × 0.4           | P2    | 1109101021 | 5P      | 45        | 8         | 15                     | 27                     | 3                      | 2.5       | 5                      | 2                | 1    |
| M2.5 × 0.45        | P3    | 1109101029 | 5P      | 50        | 8         | 15                     | 32                     | 3                      | 2.5       | 5                      | 3                | 1    |
| M3 × 0.5           | P3    | 1109101035 | 5P      | 56        | 9         | 18                     | 32                     | 4                      | 3.2       | 6                      | 3                | 1    |
| M3.5 × 0.6         | P3    | 1109101038 | 5P      | 63        | 13        | 20                     | 36                     | 5                      | 4         | 7                      | 3                | 1    |
| M4 × 0.7           | P3    | 1109101042 | 5P      | 63        | 13        | 21                     | 36                     | 5                      | 4         | 7                      | 3                | 1    |
| M4.5 × 0.75        | P3    | 1109101045 | 5P      | 70        | 14        | 24                     | 40                     | 5.5                    | 4.5       | 7                      | 3                | 1    |
| M5 × 0.8           | P3    | 1109101049 | 5P      | 70        | 14        | 25                     | 40                     | 5.5                    | 4.5       | 7                      | 3                | 1    |
| M5 × 0.5           | P3    | 1109101051 | 5P      | 70        | 9         | 25                     | 40                     | 5.5                    | 4.5       | 7                      | 3                | 2    |
| M6 × 1             | P3    | 1109101055 | 5P      | 80        | 15        | 30                     | 45                     | 6                      | 4.5       | 7                      | 3                | 1    |
| M8 × 1.25          | P4    | 1109101064 | 5P      | 90        | 19        | -                      | 46                     | 6.2                    | 5         | 8                      | 3                | 3    |
| M10 × 1.5          | P4    | 1109101078 | 5P      | 100       | 23        | -                      | 51                     | 7                      | 5.5       | 8                      | 3                | 3    |
| M10 × 1.25         | P4    | 1109101079 | 5P      | 100       | 23        | -                      | 51                     | 7                      | 5.5       | 8                      | 3                | 3    |
| M12 × 1.75         | P5    | 1109101088 | 5P      | 110       | 26        | -                      | 56                     | 8.5                    | 6.5       | 9                      | 4                | 3    |
| M12 × 1.5          | P5    | 1109101089 | 5P      | 110       | 26        | -                      | 56                     | 8.5                    | 6.5       | 9                      | 4                | 3    |
| M12 × 1.25         | P5    | 1109101090 | 7P      | 110       | 26        | -                      | 56                     | 8.5                    | 6.5       | 9                      | 4                | 3    |
| M14 × 1.5          | P5    | 1109101102 | 7P      | 110       | 26        | -                      | 56                     | 10.5                   | 8         | 11                     | 4                | 3    |
| M16 × 1.5          | P5    | 1109101116 | 7P      | 110       | 26        | -                      | 56                     | 12.5                   | 10        | 13                     | 4                | 3    |