

# Tools – Machine Taps

## Machine Taps

Choose from nine sizes in coarse or fine thread machine taps.

- Cobalt-alloyed high-speed steel
- Spiral point
- Chamfer type B,  
4-5 threads with progressive tip
- Reinforced shank for through threads



265050UNC shown

| High-Speed Steel Machine Taps |           |         |       |             |                 |                     |           |         |       |             |          |
|-------------------------------|-----------|---------|-------|-------------|-----------------|---------------------|-----------|---------|-------|-------------|----------|
| Unified Coarse Thread         | Part #    | Pcs/Pkg | Price | Thread Size | Use With        | Unified Fine Thread | Part #    | Pcs/Pkg | Price | Thread Size | Use With |
|                               | 265040UNC | 1       | <---> | 4-40        | 2149043         |                     | 265040UNF | 1       | <---> | 4-48        | 2149042  |
|                               | 265050UNC | 1       | <---> | 5-40        | 2149038         |                     | 265050UNF | 1       | <---> | 5-44        | 2149037  |
|                               | 265060UNC | 1       | <---> | 6-32        | 2149036         |                     | 265060UNF | 1       | <---> | 6-40        | 2149033  |
|                               | 265080UNC | 1       | <---> | 8-32        | 2149029         |                     | 265080UNF | 1       | <---> | 8-36        | 2149029  |
|                               | 265100UNC | 1       | <---> | 10-24       | 2149025         |                     | 265100UNF | 1       | <---> | 10-32       | 2149021  |
|                               | 265120UNC | 1       | <---> | 12-24       | 2149016         |                     | 265120UNF | 1       | <---> | 12-28       | 2149014  |
|                               | 265014UNC | 1       | <---> | 1/4-20      | 2149007         |                     | 265014UNF | 1       | <---> | 1/4-28      | 2149003  |
|                               | 265516UNC | 1       | <---> | 5/16-18     | 214900F         |                     | 265516UNF | 1       | <---> | 5/16-24     | 214900I  |
|                               | 265038UNC | 1       | <---> | 3/8-16      | 214817, 250817T |                     | 265038UNF | 1       | <---> | 3/8-24      | 214900Q  |

| Drill and Tap Selection Guide |                |                 |           |                      |                     |
|-------------------------------|----------------|-----------------|-----------|----------------------|---------------------|
| Machine Screw Size            | Tap Drill Size | Drill P/N       | Tap P/N   | Clearance Hole (in.) | Clearance Drill P/N |
| #4-40                         | #43            | 2149043         | 265040UNC | 0.125                | 214805, 250805T     |
| #4-48                         | #42            | 2149042         | 265040UNF | 0.125                | 214805, 250805T     |
| #5-40                         | #38            | 2149038         | 265050UNC | 0.136                | 2149029             |
| #5-44                         | #37            | 2149037         | 265050UNF | 0.136                | 2149029             |
| #6-32                         | #36            | 2149036         | 265060UNC | 0.149                | 2149025             |
| #6-40                         | #33            | 2149033         | 265060UNF | 0.149                | 2149025             |
| #8-32                         | #29            | 2149029         | 265080UNC | 0.187                | 214809, 250809T     |
| #8-36                         | #29            | 2149029         | 265080UNF | 0.187                | 214809, 250809T     |
| #10-24                        | #25            | 2149025         | 265100UNC | 0.219                | 214811, 250811T     |
| #10-32                        | #21            | 2149021         | 265100UNF | 0.219                | 214811, 250811T     |
| #12-24                        | #16            | 2149016         | 265120UNC | 0.234                | 214812, 250812T     |
| #12-28                        | #14            | 2149014         | 265120UNF | 0.234                | 214812, 250812T     |
| 1/4-20                        | #7             | 2149007         | 265014UNC | 0.281                | 214815, 250815T     |
| 1/4-28                        | #3             | 2149003         | 265014UNF | 0.281                | 214815, 250815T     |
| 5/16-18                       | LTR F          | 214900F         | 265516UNC | 0.344                | 214819, 250819T     |
| 5/16-24                       | LTR I          | 214900I         | 265516UNF | 0.344                | 214819, 250819T     |
| 3/8-16                        | 5/16           | 214817, 250817T | 265038UNC | 0.406                | 214823, 250823T     |
| 3/8-24                        | LTR Q          | 214900Q         | 265038UNF | 0.406                | 214823, 250823T     |