

The HMT VersaDrive Clutched tap collet system is a unique method of effectively threading blind holes.

One collet works with the range of Patented VersaDrive taps. When the tap comes to the bottom of the hole, the clutch system will engage and stop the tap from breaking. The tap is then reversed out of the completed hole.

This system fits a 19.05mm (3/4") magnet drill arbor, or can be adapted for use with a 1/2" or 3/4" impact wrench.



Features & Benefits

- Quick change system accepts all VersaDrive taps
- Collets are pre-set to the appropriate clutch settings
- Further Clutch adjustment options available
- For blind hole tapping with VersaDrive Spiral Flute Taps
- For use with variable speed, reversible magnet drill, pillar drill, or impact wrench

CLUTCHED TAP REPLACEMENT COLLET

120010 COLLET HOLDER



170mm

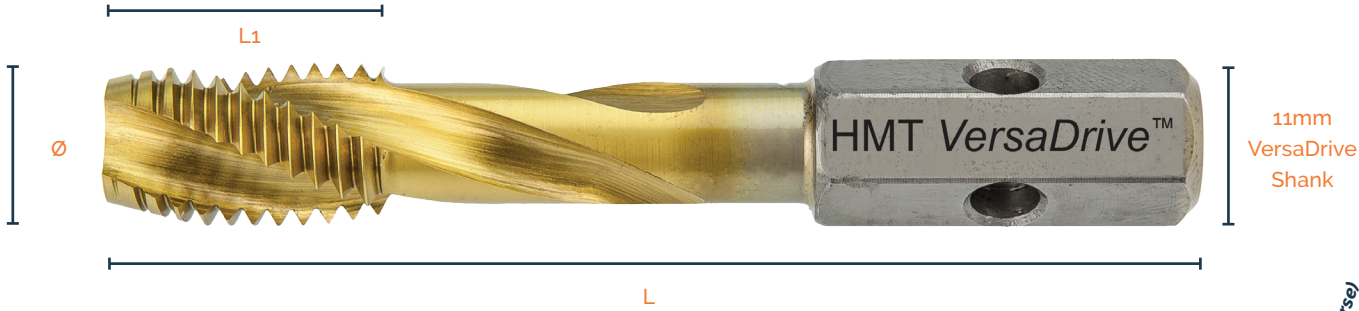
| Part No | Description                                   |
|---------|-----------------------------------------------|
| 120010  | Weldon Shank Tap Collet Holder, 19.05mm / 3/4 |

|            |                                                 |
|------------|-------------------------------------------------|
| 121015-M12 | Clutched Blind Hole Tap Collet M6-M12 Capacity  |
| 121015-M24 | Clutched Blind Hole Tap Collet M16-M24 Capacity |

|              |                                                  |
|--------------|--------------------------------------------------|
| 00200-12A-19 | 1/2" Drive Impact Adapter for Blind Hole Tapping |
| 00200-34A-19 | 3/4" Drive Impact Adapter for Blind Hole Tapping |

|              |                                                                     |
|--------------|---------------------------------------------------------------------|
| 121015-SET12 | Blind Hole Tapping Kit M6-M24 Capacity includes 1/2" Impact Adapter |
| 121015-SET34 | Blind Hole Tapping Kit M6-M24 Capacity includes 3/4" Impact Adapter |

N.B. Assembled length of Clutched adapter with fitted tap is up to 250mm - ensure you select a mag drill with adequate stroke e.g. V100T & V125T VersaDrive Magnet Drills



VersaDrive Spiral Flute Taps

|               | Part No     | M<br>Thread Size & Pitch | L<br>mm | l1<br>mm | Tap Hole Size<br>(mm) | Tap Hole Size<br>(") |
|---------------|-------------|--------------------------|---------|----------|-----------------------|----------------------|
| Metric Coarse | 309010-0060 | M6 x 1.00                | 58      | 20       | 5.0                   | -                    |
|               | 309010-0080 | M8 x 1.25                | 60      | 22       | 6.8                   | -                    |
|               | 309010-0100 | M10 x 1.50               | 70      | 24       | 8.5                   | -                    |
|               | 309010-0120 | M12 x 1.75               | 80      | 29       | 10.2                  | -                    |
|               | 309010-0160 | M16 x 2.00               | 90      | 32       | 14.0                  | -                    |
|               | 309010-0200 | M20 x 2.50               | 100     | 37       | 17.5                  | -                    |
|               | 309010-0240 | M24 x 3.00               | 110     | 45       | 21.0                  | -                    |
|               | 309010-0300 | M30 x 3.50               | 130     | 48       | 26.5                  | -                    |

|      |             |               |     |    |       |        |
|------|-------------|---------------|-----|----|-------|--------|
| Inch | 309020-0010 | 1/4 x 20 UNC  | 58  | 20 | 5.1   | #7     |
|      | 309020-0020 | 5/16 x 18 UNC | 60  | 22 | 6.6   | #F     |
|      | 309020-0030 | 3/8 x 16 UNC  | 70  | 24 | 8     | 5/16   |
|      | 309020-0040 | 1/2 x 13 UNC  | 80  | 29 | 10.8  | 27/64  |
|      | 309020-0050 | 5/8 x 11 UNC  | 90  | 32 | 13.5  | 17/32  |
|      | 309020-0060 | 3/4 x 10 UNC  | 100 | 37 | 16.5  | 21/32  |
|      | 309020-0065 | 7/8 x 9 UNC   | 105 | 40 | 19.5  | 49/64  |
|      | 309020-0070 | 1 x 8 UNC     | 110 | 45 | 22.25 | 7/8    |
|      | 309020-0110 | 1-1/4 x 7 UNC | 128 | 41 | 28.17 | 1-7/64 |

| Impact Wrenches | Impact Drivers | SDS Drill (Rotary) | Cordless Drill | Pillar Drill Press | Magnet Drill (w. reverse) |
|-----------------|----------------|--------------------|----------------|--------------------|---------------------------|
|-----------------|----------------|--------------------|----------------|--------------------|---------------------------|

Powertool Recommendations  
(Mild Steel Material)

|   |   |   |   |   |   |
|---|---|---|---|---|---|
| ○ | ○ | × | ○ | ● | ● |
| ○ | ○ | × | ○ | ● | ● |
| ○ | ○ | × | ○ | ● | ● |
| ○ | × | × | × | ● | ● |
| ○ | × | × | × | ● | ● |
| ○ | × | × | × | ● | ● |
| ○ | × | × | × | ● | ● |
| ○ | × | × | × | ● | ● |

|   |   |   |   |   |   |
|---|---|---|---|---|---|
| ○ | ○ | × | ○ | ● | ● |
| ○ | ○ | × | ○ | ● | ● |
| ○ | ○ | × | ○ | ● | ● |
| ○ | × | × | × | ● | ● |
| ○ | × | × | × | ● | ● |
| ○ | × | × | × | ● | ● |
| ○ | × | × | × | ● | ● |
| ○ | × | × | × | ● | ● |

● Optimal ○ Possible (Refer to data sheet)  
× Not Recommended

Spiral Flute Tap Sets

| Part No:    | Set Contents                                              |
|-------------|-----------------------------------------------------------|
| 309010-SET1 | Spiral Flute ImpactaTap Set M6, M8, M10, M12, M16         |
| 309010-SET2 | Spiral Flute ImpactaTap Set M12, M16, M20, M24            |
| 309020-SET1 | Spiral Flute ImpactaTap Set 1/4, 5/16, 3/8, 1/2, 5/8" UNC |
| 309020-SET2 | Spiral Flute ImpactaTap Set 1/2, 3/4, 1" UNC              |

