

# Stop Pins - Screw Flat Type

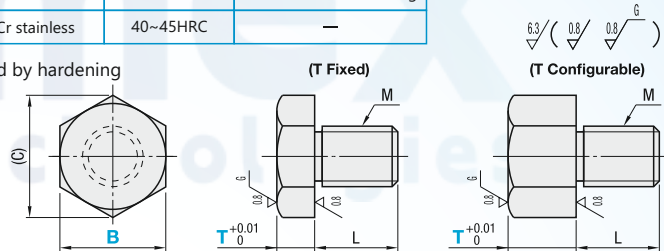
**Features:** Accuracy in Stop Positions is easily obtainable. Select Flat or Sphere Type according to the object shapes.

## Screw Flat Type



| T Dimension  | Type   | M Material                      | H Hardness | Surface Treatment          |
|--------------|--------|---------------------------------|------------|----------------------------|
| Fixed        | DSTEHN | SCM435 Equivalent               | 46~50HRC   | Electroless Nickel Plating |
|              | DSSTEH | SUS440C or 13Cr Stainless Steel | 50~55HRC   | —                          |
| Configurable | DSTFHN | SCM435 Equivalent               | 32~38HRC   | Electroless Nickel Plating |
|              | DSSTFH | SUS440C or 13Cr stainless       | 40~45HRC   | —                          |

Stainless Steel Type may be discolored by hardening



## Reference Tightening Torque

| Nominal of Thread | T Series N · M |
|-------------------|----------------|
| M3×0.5            | 0.63           |
| M4×0.7            | 1.5            |
| M5×0.8            | 3              |
| M6×1              | 5.2            |
| M8×1.25           | 13             |
| M10×1.5           | 25             |
| M12×1.75          | 42             |
| M16×2             | 106            |

- The torque coefficient varies depending on the conditions of use. Please use this table values as a reference.
- Not applicable when using locking materials or spring washers.
- Assemble this product straight and parallel.

## T fixed Type

| Part Number Type | B     | T | M (Coarse) | L  | (C)  |
|------------------|-------|---|------------|----|------|
| (SCM435) DSTEHN  | 5.5   | 5 | 3          | 5  | 6.4  |
|                  | 5.5 A | 3 | 3          |    |      |
|                  | 7     | 5 | 4          | 5  | 8.1  |
|                  | 8     | 5 | 5          | 6  | 9.2  |
|                  | 10    | 5 |            | 6  |      |
|                  | 10B   | 8 | 6          | 9  | 11.5 |
|                  | 13    | 5 |            | 10 |      |
|                  | 13 A  | 8 | 8          | 12 | 15   |
|                  | 13B   |   |            |    |      |
|                  | 14    | 5 |            | 10 | 16.2 |
|                  | 14 A  | 8 | 8          | 12 |      |
|                  | 14B   |   |            |    |      |
|                  | 17    | 5 |            | 12 | 19.6 |
|                  | 17 A  | 8 | 10         | 15 |      |
|                  | 17B   |   |            |    |      |
|                  | 19    | 5 |            | 15 | 21.9 |
|                  | 19 A  | 8 | 12         | 18 |      |
|                  | 19B   |   |            |    |      |

## Dimension Configurable

| Part Number Type                         | B   | T Configurable 0.5 mm Increments | M (Coarse) | L  | (C)  |
|------------------------------------------|-----|----------------------------------|------------|----|------|
| (SCM435) DSTFHN                          | 5.5 | 2.0 to 10.0                      | 3          | 5  | 6.4  |
|                                          | 7   | 2.0 to 10.0                      | 4          | 5  | 8.1  |
|                                          | 8   | 2.0 to 10.0                      | 5          | 6  | 9.2  |
|                                          | 10  | 5.0 to 30.0                      | 6          | 6  | 11.5 |
| (SUS440C or 13Cr stainless steel) DSSTFH | 13  | 5.0 to 30.0                      | 8          | 10 | 15   |
|                                          | 14  | 5.0 to 30.0                      | 8          | 10 | 16.2 |
|                                          | 17  | 10.0 to 50.0                     | 10         | 12 | 19.6 |
|                                          | 19  | 10.0 to 50.0                     | 12         | 15 | 21.9 |

## Screw flat type

| Mass (g) Ref. Value |                   |                    |
|---------------------|-------------------|--------------------|
| B                   | SCM435 Equivalent | SUS440C equivalent |
| 5.5 A               | 0.9               | 0.89               |
| 5.5                 | 1.32              | 1.3                |
| 7                   | 2.16              | 2.14               |
| 8                   | 3.1               | 3.07               |
| 10                  | 4.72              | 4.68               |
| 10B                 | 8.78              | 8.69               |
| 13                  | 9.7               | 9.6                |
| 13 A                | 13.15             | 13.01              |
| 13B                 | 13.94             | 13.79              |
| 14                  | 10.63             | 10.53              |
| 14 A                | 14.65             | 14.5               |
| 14B                 | 15.44             | 15.28              |
| 17                  | 17.22             | 17.05              |
| 17 A                | 23.11             | 22.88              |
| 17B                 | 24.97             | 24.71              |
| 19                  | 25.59             | 25.33              |
| 19 A                | 32.95             | 32.61              |
| 19B                 | 35.61             | 35.25              |

## Basic Specifications

- Mounting Method - Threaded
- Environmental Compliance - RoHS Compliant (10 Substances)
- Tip Shape - Flat



— H

DSTEHN5.5A  
DSTFHN10 — 6.5