



ISTEC Series

Stainless Steel Tube Cutters



ISTEC200



ISTEC340

ISTEC Series 200/340

1. Attributes

Ideal for cutting clean pipes in semiconductor-related applications.

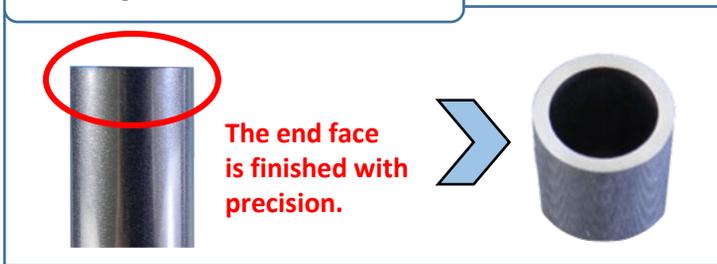
No cutting oil is used, so **no cleaning is required**.

The pipe remains undistorted, and **the cut surface has a clean finish** (good surface roughness).

Virtually no burrs occur on the outer periphery of the cut surface, and burrs on the inner surface can be easily removed using the included tool. Post-processing is completed by purging alone.

Compact and lightweight for **easy portability**. (ISTEC200)

Cutting with the ISTEC series



Manual cutting



2. Basic Specifications

| Model | ISTEC200 | | ISTEC340 | | | |
|---------------------------------------|---|------------|--|--------------|-------------|--------------|
| | Size | Thickness | Size (tube) | Thickness | Size (Pipe) | Thickness |
| Standard Tube/Pipe Size and Thickness | 1/4 (φ6.35) | 0.89~1.0mm | 3/4 (φ19.05) | MAX 2.1mm | 10A (φ17.3) | MAX 2.1mm |
| | 3/8 (φ9.52) | 1.0mm | 1 (φ25.4) | | 15A (φ21.7) | |
| | 1/2 (φ12.7) | 1.0~1.24mm | | | 20A (φ27.2) | |
| | | | | | 25A (φ34.0) | |
| Options | Supported Options | | ※We can also cut to intermediate sizes in addition to the sizes listed above. For details, please consult your local sales office. | | | |
| | Size | Thickness | | | | |
| | 1/8 (φ3.18) | 0.5~0.72 | | | | |
| Applicable pipe material | SUS316L, SUS316, SUS304 ※Note: When cutting SUS304, tool life may decrease slightly. | | | | | |
| Weight | 13 lbs | | 44 lbs | | | |
| Motor Specifications | Voltage | | AC100V±10% | | | |
| | Frequency | | 50/60Hz | | | |
| | Temperature | | 14~104F | | | |
| O. Dimensions (WxHxD) | 228 x 207 x 210 (mm) | | 420 x 330 x 290 (mm) | | | |

3. Standard / Optional Accessories

| Model | | ISTEC200 | ISTEC340 |
|--------------------------------------|----------------------------------|--|--------------------|
| Standard accessories | Specialized blades | 3 blades / set ※1 | 3 blades / set ※1 |
| | Blade holder ※3 | 1/4, 3/8, 1/2 — one each (3 total) | 3/4 — 1 ※2 |
| | Adapter ※3 | 1/4, 3/8 — one each (2 total) | 3/4 — 1 ※2 |
| | Internal Deburring Tool※4 | 1/4, 3/8, 1/2 — one each (3 total) | × |
| | Hex wrench | 2.5, 3, 5mm — one each (3 total) | 2.5mm 1 wrench |
| | Toolbox | 1 | 1 |
| | Instruction Manual | 1 | 1 |
| | Drive belt | 1 | 1 |
| | Chip tray | 1 | 1 |
| Options (sold separately) | Specialized blades | 10 blades / set ※1 | 10 blades / set ※1 |
| | Cutting Length Measurement Scale | ○ | × |
| | Chip tray | ○ ※5 | ○ ※5 |
| | Post-cutting product tray | × | ○ |
| 1/8" Option (sold separately) | Basic Set | Specialized blade: 1 Tube adapter: 1 Blade holde : 1, Deburring Tool : 1 | |
| | Specialized blades | 10 blades / set | |

※1: Blades are compatible with 1/4, 3/8, and 1/2 (for ISTEC200), and 3/4, 1, 10A, 15A, 20A, and 25A (for ISTEC340).

※2: The standard size included is 3/4. Other sizes: 1, and 10A, 15A, 20A, 25A are available as optional accessories. (Please refer to "2. Basic Specifications")

※3: Cutting requires a blade holder and adapter for each size.

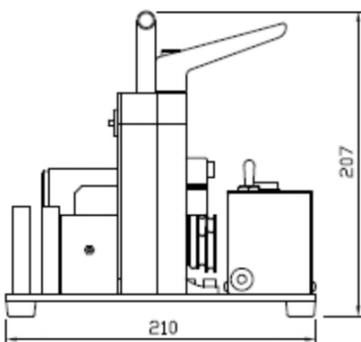
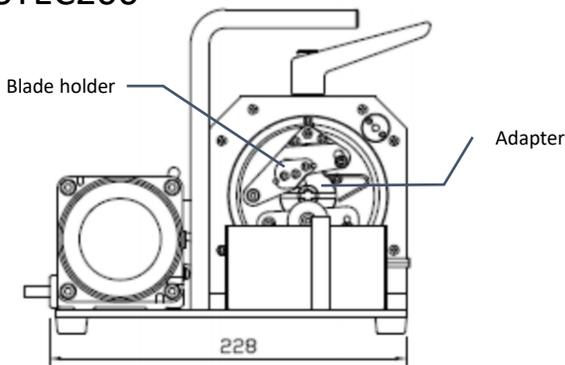
However, the ISTEC200 size: 1/2" requires no adapter

※4: The internal deburring tool is for 1/4" → 1mm thickness and 1/2" → 1.24mm thickness. (ISTEC200)

※5: One chip collector is included as a standard accessory. Additional units can be purchased as options.

4. Device External Dimensions

ISTEC200



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