



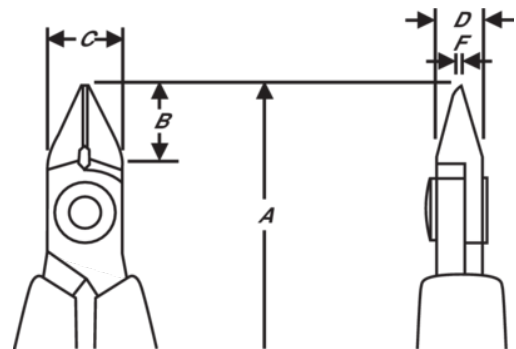
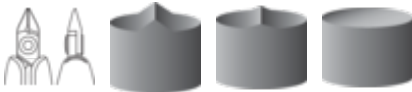
## HS 8133-HS 8165

### Long Precision Diagonal Cutters with Tapered Head & ESD Safe Handle











#### PRODUCT DETAILS

- HS series precision diagonal cutter with tapered head
- ESD safe long foam handles with return spring
- Micro-bevel, flush & ultra-flush cut
- The stated cutting capacity is for copper wire
- Suitable for cutting copper
- High performance alloy steel
- Burnished finish
- Numerically controlled machine grinding ensures edge angle accuracy and contact, increasing tool reliability and consistency
- Precision induction hardened edges 63-65 HRC
- Screw joint minimises friction and maximises alignment of cutting edges
- Ideal for wire harness work and standard printed circuit board assembly











# PRODUCT ATTRIBUTES









Product: **HS8133**

|  | Tapered     |  | XS            |  | Micro-Bevel<br>⊗ |
|---|-------------|---|---------------|---|------------------|
|  | 0.2-1.0 mm  |  | 0.008-0.04 in |  |                  |
|  |             | <b>A</b>  | 140.3 mm      | <b>A</b>  | 5.52 in          |
| <b>B</b>  | 8 mm        | <b>B</b>  | 0,31 in       | <b>C</b>  | 8 mm             |
| <b>C</b>  | 0.31 in     | <b>D</b>  | 5 mm          | <b>D</b>  | 0,2 inch         |
| <b>F</b>  | 0,8 mm      | <b>F</b>  | 0,03 in       | <b>g</b>  | 91 g             |
|  | Dissipative |   |               |   |                  |









Product: **HS8134**

|  | Tapered     |  | XS            |  | Flush    |
|---|-------------|---|---------------|---|----------|
|  | 0.1-0.8 mm  |  | 0.004-0.03 in |  |          |
|  |             | <b>A</b>  | 140.3 mm      | <b>A</b>  | 5.52 in  |
| <b>B</b>  | 8 mm        | <b>B</b>  | 0,31 in       | <b>C</b>  | 8 mm     |
| <b>C</b>  | 0.31 in     | <b>D</b>  | 5 mm          | <b>D</b>  | 0,2 inch |
| <b>F</b>  | 0,8 mm      | <b>F</b>  | 0,03 in       | <b>g</b>  | 91 g     |
|  | Dissipative |   |               |   |          |









Product: **HS8135**

|  | Tapered     |  | XS           |  | Ultra-Flush<br>⊗ |
|---|-------------|---|--------------|---|------------------|
|  | 0.1-0.5 mm  |  | 0.00-0.02 in |  |                  |
|  |             | <b>A</b>  | 140.3 mm     | <b>A</b>  | 5.52 in          |
| <b>B</b>  | 8 mm        | <b>B</b>  | 0,31 in      | <b>C</b>  | 8 mm             |
| <b>C</b>  | 0.31 in     | <b>D</b>  | 5 mm         | <b>D</b>  | 0,2 inch         |
| <b>F</b>  | 0,8 mm      | <b>F</b>  | 0,03 in      | <b>g</b>  | 91 g             |
|  | Dissipative |   |              |   |                  |









Product: **HS 8143**

|  | Tapered     |  | S            |  | Micro-Bevel<br>⊗ |
|---|-------------|---|--------------|---|------------------|
|  | 0.2-1.25 mm |  | 0.01-0.05 in |  |                  |
|  |             | <b>A</b>  | 5.60 mm      | <b>A</b>  | 142.3 in         |
| <b>B</b>  | 10 mm       | <b>B</b>  | 0,39 in      | <b>C</b>  | 10 mm            |
| <b>C</b>  | 0.39 in     | <b>D</b>  | 6 mm         | <b>D</b>  | 0,24 inch        |
| <b>F</b>  | 0,8 mm      | <b>F</b>  | 0,03 in      | <b>g</b>  | 91 g             |
|  | Dissipative |   |              |   |                  |









Product: **HS 8144**

|    | Tapered     |  | S            |  | Flush     |
|---|-------------|---|--------------|---|-----------|
|    | 0.2-1.25 mm |  | 0.01-0.05 in |  |           |
|    |             | <b>A</b>  | 5.60 mm      | <b>A</b>  | 142.3 in  |
| <b>B</b>  | 10 mm       | <b>B</b>  | 0,39 in      | <b>C</b>  | 10 mm     |
| <b>C</b>  | 0.39 in     | <b>D</b>  | 6 mm         | <b>D</b>  | 0,24 inch |
| <b>F</b>  | 0,8 mm      | <b>F</b>  | 0,03 in      | <b>g</b>  | 91 g      |
|  | Dissipative |   |              |   |           |









Product: **HS 8145**

|    | Tapered     |  | S            |  | Ultra-Flush<br>⊗ |
|---|-------------|---|--------------|---|------------------|
|    | 0.1-1.0 mm  |  | 0.01-0.04 in |  |                  |
|    |             | <b>A</b>  | 5.60 mm      | <b>A</b>  | 142.3 in         |
| <b>B</b>  | 10 mm       | <b>B</b>  | 0,39 in      | <b>C</b>  | 10 mm            |
| <b>C</b>  | 0.39 in     | <b>D</b>  | 6 mm         | <b>D</b>  | 0,24 inch        |
| <b>F</b>  | 0,8 mm      | <b>F</b>  | 0,03 in      | <b>g</b>  | 91 g             |
|  | Dissipative |   |              |   |                  |









Product: **HS8153**

|  | Tapered      |  | M            |  | Micro-Bevel<br>⊗ |
|---|--------------|---|--------------|---|------------------|
|  | 0.3-1.6 mm   |  | 0.01-0.06 in |  | 0.2-0.6 mm       |
|  | 0.01-0.02 in | <b>A</b>  | 144.8 mm     | <b>A</b>  | 5.70 in          |
| <b>B</b>  | 12,5 mm      | <b>B</b>  | 0,5 in       | <b>C</b>  | 12,5 mm          |
| <b>C</b>  | 0.49 in      | <b>D</b>  | 6 mm         | <b>D</b>  | 0,24 inch        |
| <b>F</b>  | 1,2 mm       | <b>F</b>  | 0,05 in      | <b>g</b>  | 97 g             |
|  | Dissipative  |   |              |   |                  |









Product: **HS8154**

|  | Tapered     |  | M            |  | Flush     |
|---|-------------|---|--------------|---|-----------|
|  | 0.2-1.6 mm  |  | 0.01-0.06 in |  |           |
|  |             | <b>A</b>  | 144.8 mm     | <b>A</b>  | 5,70 in   |
| <b>B</b>  | 12,5 mm     | <b>B</b>  | 0,5 in       | <b>C</b>  | 12,5 mm   |
| <b>C</b>  | 0.49 in     | <b>D</b>  | 6 mm         | <b>D</b>  | 0,24 inch |
| <b>F</b>  | 1,2 mm      | <b>F</b>  | 0,05 in      | <b>g</b>  | 97 g      |
|  | Dissipative |   |              |   |           |









Product: **HS8155**

|  | Tapered     |  | M            |  | Ultra-Flush<br>⊗ |
|---|-------------|---|--------------|---|------------------|
|  | 0.2-1.25 mm |  | 0.01-0.05 in |  |                  |
|  |             | <b>A</b>  | 144.8 mm     | <b>A</b>  | 5.70 in          |
| <b>B</b>  | 12,5 mm     | <b>B</b>  | 0,5 in       | <b>C</b>  | 12,5 mm          |
| <b>C</b>  | 0.49 in     | <b>D</b>  | 6 mm         | <b>D</b>  | 0,24 inch        |
| <b>F</b>  | 1,2 mm      | <b>F</b>  | 0,05 in      | <b>g</b>  | 97 g             |
|  | Dissipative |   |              |   |                  |









Product: **HS 8163**

|  | Tapered      |  | L            |  | Micro-Bevel<br>⊗ |
|---|--------------|---|--------------|---|------------------|
|  | 0.3-2.0 mm   |  | 0.01-0.08 in |  | 0.3-0.6 mm       |
|  | 0.01-0.02 in | <b>A</b>  | 157.3 mm     | <b>A</b>  | 6.19 in          |
| <b>B</b>  | 16 mm        | <b>B</b>  | 0,63 in      | <b>C</b>  | 16 mm            |
| <b>C</b>  | 0.63 in      | <b>D</b>  | 8 mm         | <b>D</b>  | 0,31 inch        |
| <b>F</b>  | 1,6 mm       | <b>F</b>  | 0,06 in      | <b>g</b>  | 136 g            |
|  | Dissipative  |   |              |   |                  |

Product: **HS 8164**

|  | Tapered      |  | L            |  | Flush     |
|---|--------------|---|--------------|---|-----------|
|  | 0.3-2.0 mm   |  | 0.01-0.08 in |  |           |
|  | 0.01-0.02 in | <b>A</b>  | 157.3 mm     | <b>A</b>  | 6.19 in   |
| <b>B</b>  | 16 mm        | <b>B</b>  | 0,63 in      | <b>C</b>  | 16 mm     |
| <b>C</b>  | 0.63 in      | <b>D</b>  | 8 mm         | <b>D</b>  | 0,31 inch |
| <b>F</b>  | 1,6 mm       | <b>F</b>  | 0,06 in      | <b>g</b>  | 136 g     |
|  | Dissipative  |   |              |   |           |

Product: **HS8165**

|  | Tapered     |  | L            |  | Ultra-Flush<br>⊗ |
|---|-------------|---|--------------|---|------------------|
|  | 0.3-1.6 mm  |  | 0.01-0.06 in |  |                  |
|  |             | <b>A</b>  | 157.3 mm     | <b>A</b>  | 6.19 in          |
| <b>B</b>  | 16 mm       | <b>B</b>  | 0,63 in      | <b>C</b>  | 16 mm            |
| <b>C</b>  | 0.63 in     | <b>D</b>  | 8 mm         | <b>D</b>  | 0,31 inch        |
| <b>F</b>  | 1,6 mm      | <b>F</b>  | 0,06 in      | <b>g</b>  | 136 g            |
|  | Dissipative |   |              |   |                  |