



## EP-105 PLASMA HAND CUTTING TORCH

Hand torch head complete with handle and parts | H.FIT | 315.23010162

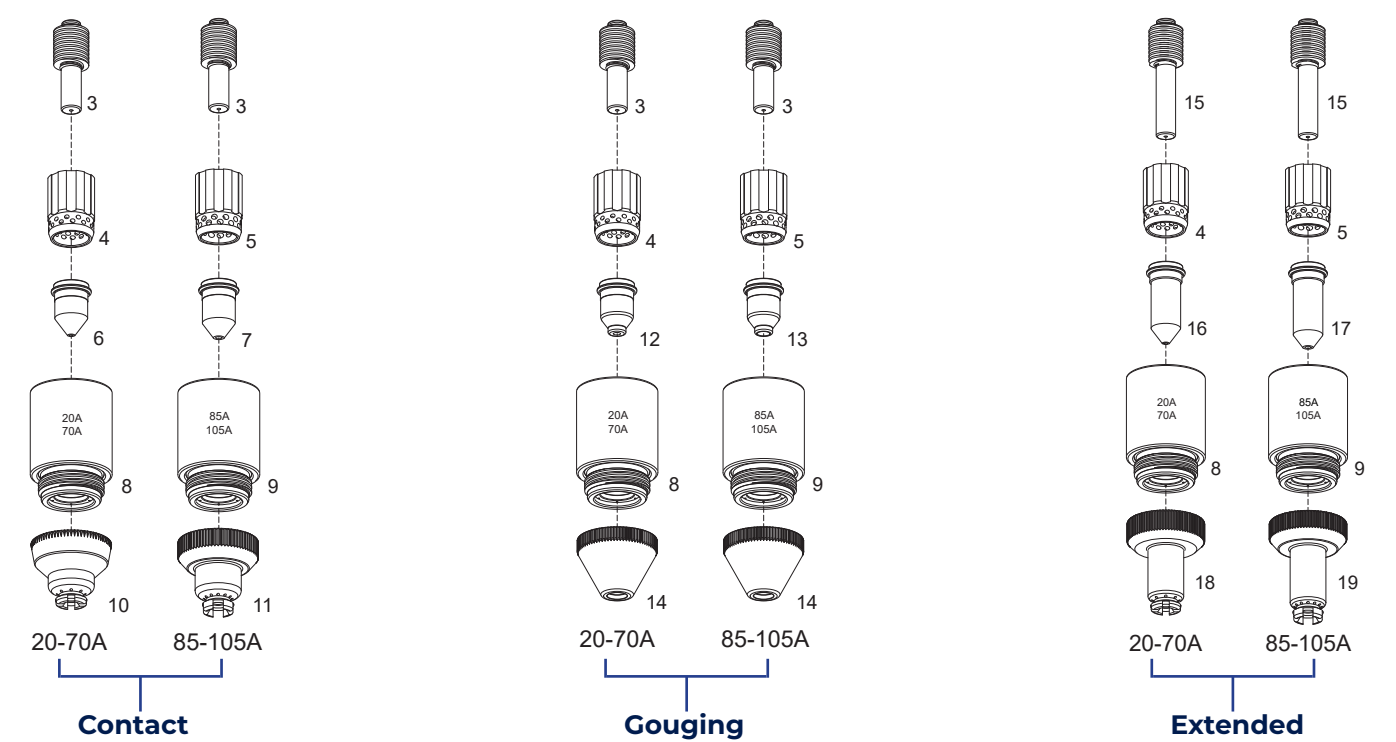
# EP-105 Plasma hand cutting torch

For the correct operation please use:  
3-ways solenoid Valve, inside orifice  
3.5 - 4.0 mm - (0.138 - 0.157 inches)



Art. nr: 315.23010162 - Helvi Plasma torch EP-105, 6 Meter H.Fit 75°

| Technical data      |                            |                         |
|---------------------|----------------------------|-------------------------|
| Current             | 20-105 A                   |                         |
| Duty cycle          | 105 A @ 60%                |                         |
| Gas                 | Air/N2                     |                         |
| Gas Supply Pressure | Gouging                    | 72-80 PSI (5.0-5.5 bar) |
|                     | Cutting                    | 50-65 PSI (3.5-4.5 bar) |
| Gas flow @ 105 A    | 510 SCFH (240 lpm)         |                         |
| Post flow time      | 45 sec                     |                         |
| Pilot               | Electrode to tip (12-20 A) |                         |
| Ignition            | Without HF                 |                         |



# EP-105 Replacement parts

## Standard layout

■ EP-105 75°   ■ EP-105 15°

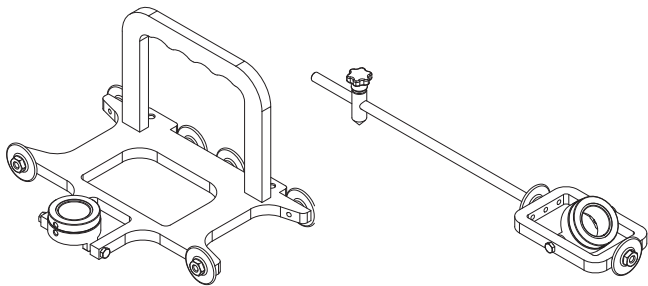
## Torch parts

| Item  | Description                                   | Article code   |
|-------|-----------------------------------------------|----------------|
| 1. ■  | <b>EP-105 75°</b> hand torch head             | 375.05800E     |
| 2. ■  | <b>EP-105 15°</b> hand torch head             | 375..05802E    |
| n/s   | O-ring                                        | 375.07300.60   |
| 3 ■ ■ | Electrode, 20-105 A                           | 375.52574      |
| 4     | Swirl ring, 20-70 A <b>Maximum life</b>       | 375.60041      |
| 5 ■ ■ | Swirl ring, 85-105 A <b>Maximum life</b>      | 375.60024      |
| 6     | Tip, contact cutting, 45 A                    | 375.51206      |
|       | Tip, contact cutting, 70 A                    | 375.51206.11   |
| 7     | Tip, contact cutting, 85 A                    | 375.51223.13   |
| ■     | Tip, contact cutting, 105 A                   | 375.51223.15   |
| 8     | Shield cup body, 20-70 A <b>Maximum life</b>  | 375.60305      |
| 9 ■ ■ | Shield cup body, 85-105 A <b>Maximum life</b> | 375.60329      |
| 10    | Shield cap, 20-70 A Hand                      | 375.51923      |
| 11 ■  | Shield cap, 85-105 A Hand                     | 375.51941      |
| 12    | Tip, gouging, 45 A                            | 375.51206G     |
|       | Tip, gouging, 70 A                            | 375. 51206G.10 |
| 13 ■  | Tip, gouging, 105 A                           | 375. 51223G.14 |
| 14 ■  | Shield cap, gouging                           | 375.51924G     |
| 15    | Extended electrode, 20-105 A                  | 375.52574L     |
| 16    | Extended tip, 45 A                            | 375.51206L     |
|       | Extended tip, 70 A                            | 375.51206L.11  |
| 17    | Extended tip, 85 A                            | 375.51223L.13  |
|       | Extended tip, 105 A                           | 375. 51223L.15 |
| 18    | Extended shield 20-70 A                       | 375.51923L     |
| 19    | Extended shield 85-105 A                      | 375.51941L     |

## Accessories

| Item | Description               | Article code |
|------|---------------------------|--------------|
| n/s  | Circle cutting attachment | 375.51865    |
| 20   | Bevel tool                | 375.51880    |

**Bevel Tool**  
*Patent pending*



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## CONTACT

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