

Swiss Style Non-Adjustable Rotary Broach Holders



Swiss Style Holders

- No centre indicating required – self-centering
- Smaller head diameter eliminates interference on tool blocks
- Longer shank can be cut to proper length
- Short head length for limited back work space
- Built in wobble cutting feature 1° angle
- Heavy duty bearing takes 2,250 lbs. pushing force
- Swiss made quality high-precision
- Fits most swiss type tool blocks and gang machines
- Holds 8mm shank swiss style rotary punch broaches



| Shank Dia. | Shank Length | Hassay EDP No. | Code No. | Price \$ |
|------------|--------------|------------------|----------|----------|
| 5/8 | 1-1/2 | HSP-2160-158-038 | 182033 | 2,692.15 |
| 3/4 | 4 | HSP-2160-190-100 | 182035 | 2,692.15 |
| 1 | 4-3/4 | HSP-2160-254-120 | 182037 | 2,692.15 |
| 12mm | 38mm | HSP-2160-120-038 | 182039 | 2,692.15 |
| 14mm | 38mm | HSP-2160-140-038 | 182041 | 2,692.15 |
| 16mm | 38mm | HSP-2160-160-038 | 182043 | 2,692.15 |
| 20mm | 100mm | HSP-2160-200-100 | 182045 | 2,692.15 |
| 22mm | 100mm | HSP-2160-220-100 | 182047 | 2,692.15 |
| 25mm | 120mm | HSP-2160-250-120 | 182049 | 2,353.64 |

Self Centering Holders

Designed for CNC machines, the new 2100 Series Broach Holder meets the challenge. Faster and easier setup.

- Places rotary broach on centre, eliminates the need to indicate the holder
- Cylindrical shank design with Weldon Notch perfect for lathe or machining centre applications
- Micro-manufacturing includes medical, dental, automotive and aircraft micro components, with micro precision systems that require high precision tolerance and quality
- Holds 8mm shank Swiss Style Rotary Punch Broaches



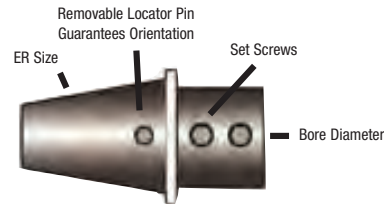
| Shank Dia. | Shank Length | Hassay EDP No. | Code No. | Price \$ |
|------------|--------------|----------------|----------|----------|
| 15.87mm | 38mm | HSP-2100-58 | 182051 | 2,241.81 |
| 19.05mm | 38mm | HSP-2102 | 182053 | 2,428.20 |
| 25.4mm | 38mm | HSP-2104 | 182055 | 2,241.81 |
| 16mm | 38mm | HSP-2100-16 | 182057 | 2,241.81 |
| 20mm | 38mm | HSP-2101 | 182059 | 2,241.81 |
| 25mm | 50mm | HSP-2103 | 182061 | 2,241.81 |

Quick Change ER Collet Punch & Index Broach ER Holder Systems



For Swiss and CNC machining

When orientation and concentricity of an internal polygon profile is crucial, an ER holder can be used to securely hold a punch or index broach tool and accurately align the tool to centre, while ensuring perfect alignment of the profile orientation. **These quick change holders can be preset and reloaded in seconds.**



Punch Broach / Boring Adaptors & Nuts

| ER Size | Bore Dia. | Nut Thread | Hassay EDP No. | Code No. | Price \$ |
|---------|-----------|-----------------------------|----------------|----------|----------|
| ER16 | 0.250 | M19 x 1mm Nut & Locator Pin | HSP-PA16-25001 | 182001 | 250.97 |
| ER16 | 8mm | M19 x 1mm Nut & Locator Pin | HSP-PA16-31501 | 182003 | 250.97 |
| ER20 | 0.250 | M24 x 1mm Nut & Locator Pin | HSP-PA20-25001 | 182005 | 250.97 |
| ER20 | 8mm | M24 x 1mm Nut & Locator Pin | HSP-PA20-31501 | 182007 | 250.97 |



Quick Change Collet Sleeves

For shank only holders.

| Collet | D1 | L1 | Overall Length | Hassay EDP No. | Code No. | Price \$ |
|--------|-------|------|----------------|-----------------|----------|----------|
| ER16 | 0.500 | 1.1 | 4.5 | HSP-CS16-160500 | 182009 | 239.70 |
| ER16 | 0.625 | 1.1 | 4.5 | HSP-CS16-160625 | 182011 | 239.70 |
| ER16 | 0.750 | 1.1 | 4.5 | HSP-CS16-160750 | 182013 | 254.46 |
| ER16 | 20mm | 28mm | 71mm | HSP-CS16-160787 | 182015 | 217.36 |
| ER16 | 22mm | 28mm | 118mm | HSP-CS16-160866 | 182017 | 217.36 |
| ER16 | 25mm | 28mm | 95mm | HSP-CS16-160984 | 182019 | 239.70 |
| ER16 | 1 | 1.1 | 4.5 | HSP-CS16-161000 | 182021 | 254.46 |
| ER20 | 0.750 | 1.2 | 4.5 | HSP-CS20-200750 | 182023 | 254.46 |
| ER20 | 22mm | 30mm | 114mm | HSP-CS20-200866 | 182025 | 254.46 |
| ER20 | 1.00 | 1.2 | 4.5 | HSP-CS20-201000 | 182027 | 254.46 |
| ER20 | 1.250 | 1.2 | 4.5 | HSP-CS20-201250 | 182029 | 254.46 |
| ER20 | 32mm | 30mm | 118mm | HSP-CS20-201260 | 182031 | 254.46 |

