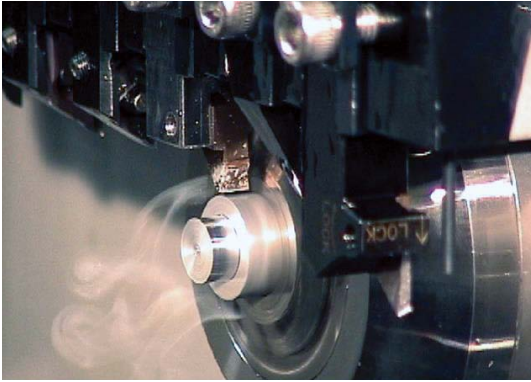
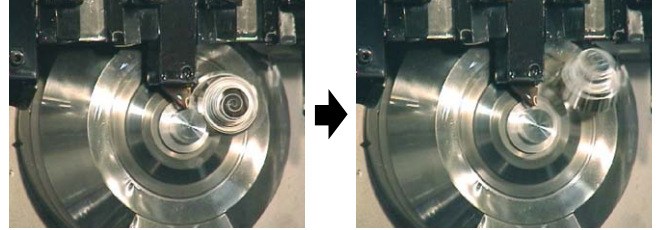


SGW Type



Characteristics

- For high efficiency machining of Brass and Aluminum work that have small diameters with long shanks
- Coin-shaped chip produced does not adhere to holder



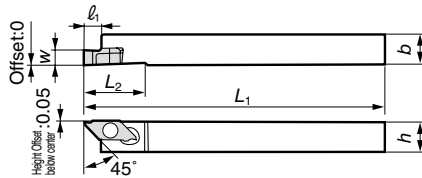
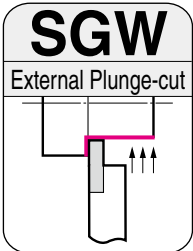
Application Examples

| | | |
|--|---|---|
| | SGW Type Machining Time 2.8secs! (Half of conv.) | Holder: SGWR1212 Insert: KGVR500 Work: Aluminum A5056 Conditions: Spindle Speeds: $n=4,000\text{min}^{-1}$ Feed Rate: $f=0.1\text{mm/rev}$ |
| | | |

- Recommended Conditions
- Applicable Work Material : Aluminum, Brass, Carbon Steel, Stainless Steel, etc.
 - Spindle Speeds : $4,000$ to $6,000\text{min}^{-1}$
(please maintain spindle speeds set)
 - Feed Rates : 0.05 to 0.15mm/rev

* Please ensure that the machine has enough spindle power to prevent machine stoppages during machining; especially when machining Carbon Steel and Stainless Steel workpieces.

External Plunge-cut



Holder

| Cat. No. | Stock | Dimensions (mm) | | | | | Screw | Recommended Tightening Torque (N·m) | Wrench |
|------------------|-------|-----------------|----|----------------|----------------|----------------|-------------|-------------------------------------|--------|
| | | h | b | L ₁ | l ₁ | L ₂ | | | |
| SGW R1212 | ● | 12 | 12 | 120 | 6.5 | 24 | BFTX0410T8R | 1.1 | TRX08 |
| SGW R1616 | ● | 16 | 16 | 120 | 6.5 | 24 | | | |

Parts

| | |
|-------|--------|
| | |
| Screw | Wrench |

Insert

| Cat. No. | Dimensions (mm) | |
|----------------|-----------------|--------|
| | W | AC530U |
| KGVR400 | 4.0 | ● |
| KGVR500 | 5.0 | ● |
| KGVR600 | 6.0 | ● |