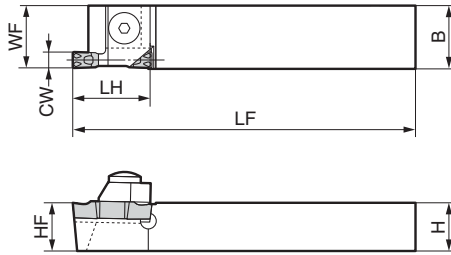
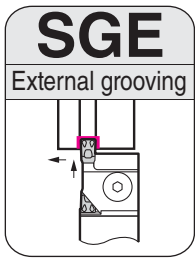


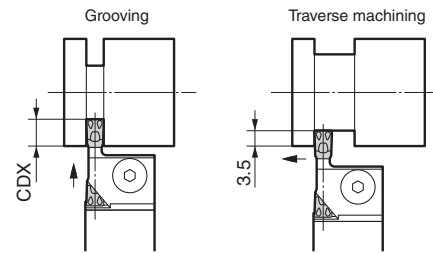
SEC-Grooving Tools

SGE Type

External Shallow Grooving



Valid machining depth



Parts

| Cat. No. | Stock | Height | Width | Length | Cutting edge distance | Cutting edge height | Head | Edge width (mm) | Max. groove depth (mm) | Applicable inserts | Clamp | Clamp bolt | Spring | Wrench |
|----------|-------|--------|-------|--------|-----------------------|---------------------|------|-----------------|------------------------|--------------------|-----------|--------------------------|--------|---------|
| R | L | H | B | LF | WF | HF | LH | CW | CDX | | GCL R/L-3 | FBH 0516NT FBH 0520NT | GSP-5 | LH025NT |
| | | | | | | | | | | | | | | |
| ● | ● | 12 | 16 | 120 | 15.7 | 12 | 19.5 | 3.0 | 8.0 | | | | | |
| ● | ● | 16 | 16 | 120 | 15.7 | 16 | 22.0 | 3.0 | 8.0 | | | | | |
| ● | ● | 20 | 20 | 120 | 19.7 | 20 | 22.0 | 3.0 | 8.0 | | | | | |
| ● | ● | 10 | 16 | 120 | 15.7 | 10 | 19.5 | 4.0 | 6.2 | GEN4000 | GCL R/L-4 | FBH 0516NT | GSP-5 | LH025NT |
| ● | ● | 12 | 16 | 120 | 15.7 | 12 | 19.5 | 4.0 | 8.0 | GEN5000 | GCL R/L-4 | FBH 0520NT | | |
| ● | ● | 16 | 16 | 120 | 15.7 | 16 | 22.0 | 4.0 | 8.0 | | | | | |
| ● | ● | 20 | 20 | 120 | 19.7 | 20 | 22.0 | 4.0 | 8.0 | | | | | |
| ● | ● | 10 | 20 | 120 | 19.7 | 10 | 19.5 | 6.0 | 6.2 | GEN6000 | GCL R/L-6 | FBH 0516NT | | |
| ● | ● | 12 | 20 | 120 | 19.7 | 12 | 19.5 | 6.0 | 8.0 | | | | | |
| ● | ● | 16 | 20 | 120 | 19.7 | 16 | 22.0 | 6.0 | 8.0 | | | | | |
| ● | ● | 20 | 20 | 120 | 19.7 | 20 | 22.0 | 6.0 | 8.0 | | | | | |

* Edge width CW = 4 mm measurement at insert mounting. Edge width CW = 5 mm (larger when mounting)

Inserts

Dimensions (mm)

| Cat. No. | Coated carbide | Width of cut | Length | Thickness | Nose radius | Applicable holders |
|----------|----------------|--------------|--------|-----------|-------------|--------------------|
| | ACZ150 | CW | L | S | RE | |
| GEN 3002 | ● | 3.00 | 20 | 4.64 | 0.2 | SGE R/L 0000-3 |
| GEN 3004 | ● | 3.00 | 20 | 4.64 | 0.4 | |
| GEN 4002 | ● | 4.00 | 20 | 4.50 | 0.2 | SGE R/L 0000-45 |
| GEN 4004 | ● | 4.00 | 20 | 4.50 | 0.4 | |
| GEN 5002 | ● | 5.00 | 20 | 4.50 | 0.2 | SGE R/L 0000-6 |
| GEN 5004 | ● | 5.00 | 20 | 4.50 | 0.4 | |
| GEN 6002 | ● | 6.00 | 20 | 4.50 | 0.2 | SGE R/L 0000-6 |
| GEN 6004 | ● | 6.00 | 20 | 4.50 | 0.4 | |

