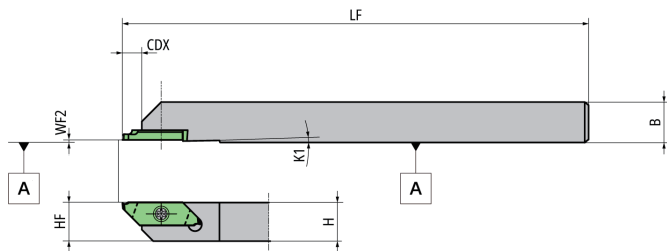


# OD Grooving

## GTPS.. series/Toolholder

### CTPS



● Diagram shows right-hand tool



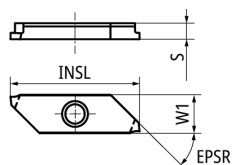
| EDP     | Item Number | Stock | Hand | B<br>mm | CDX<br>mm | H<br>mm | HF<br>mm | K1<br>° | LF<br>mm | WF2<br>mm | Insert Gage   |               |
|---------|-------------|-------|------|---------|-----------|---------|----------|---------|----------|-----------|---------------|---------------|
| 5346572 | CTPSR10     | ●     | R    | 10      | 5         | 10      | 10       | 1       | 120      | 0         | TBPS../CTPS.. | GTPS../TTPS.. |
| 5397187 | CTPSR12     | ●     | R    | 12      | 5         | 12      | 12       | 1       | 120      | 0         | TBPS../CTPS.. | GTPS../TTPS.. |

### Spare Parts

| Item Number | Clamp screw | Wrench<br>(for Clamp screw) |
|-------------|-------------|-----------------------------|
| CTPSR10     | LRIS-2.5*7  | CLR-155                     |
| CTPSR12     | LRIS-2.5*7  | CLR-155                     |

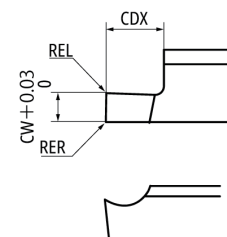
## GTPS.. series/Inserts Carbide

### GTPS



● Diagram shows right-hand tool

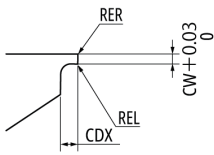
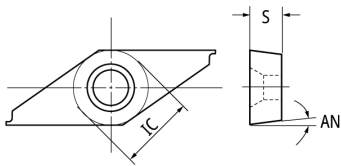
All angles shown are obtained when insert is set in the holder.



| Item Number | Hand | Chip-breaker | APMX | CDX | CW   | EPSR | INSL | REL | RER | S   | W1 | Carbide PVD |     |
|-------------|------|--------------|------|-----|------|------|------|-----|-----|-----|----|-------------|-----|
|             |      |              | mm   | mm  | mm   | °    | mm   | mm  | mm  | mm  | mm | VM1         | ZM3 |
| GTPS075FR   | R    | Yes          | 1    | 1.5 | 0.75 | 45   | 20   | 0   | 0   | 2.5 | 6  | ●           | ●   |
| GTPS095FR   | R    | Yes          | 1.5  | 2   | 0.95 | 45   | 20   | 0   | 0   | 2.5 | 6  | ●           | ●   |
| GTPS100FR   | R    | Yes          | 1.5  | 2   | 1    | 45   | 20   | 0   | 0   | 2.5 | 6  | ●           | ●   |
| GTPS120FR   | R    | Yes          | 2.5  | 3   | 1.2  | 45   | 20   | 0   | 0   | 2.5 | 6  | ●           | ●   |
| GTPS150FR   | R    | Yes          | 2.5  | 3   | 1.5  | 45   | 20   | 0   | 0   | 2.5 | 6  | ●           | ●   |
| GTPS200FR   | R    | Yes          | 2.5  | 3   | 2    | 45   | 20   | 0   | 0   | 2.5 | 6  | ●           | ●   |

CSVG.. series/Inserts Carbide

CSVG



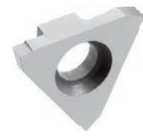
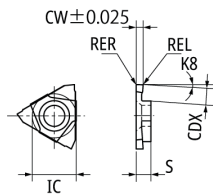
● Diagram shows right-hand tool  
All angles shown are obtained when insert is set in the holder.



T Grooving/  
Side-turning

| Item Number  | Hand | Chip-breaker | APMX | CDX | AN | CW   | EPSR | IC   | REL | RER | S    | Carbide<br>PVD<br>VM1 |
|--------------|------|--------------|------|-----|----|------|------|------|-----|-----|------|-----------------------|
|              |      |              | mm   | mm  | °  | mm   | °    | mm   | mm  | mm  | mm   |                       |
| CSVG11FRV025 | M R  | No           | 0.15 | 0.5 | 7  | 0.25 | 35   | 6.35 | 0   | 0   | 2.38 | ●                     |
| CSVG11FRV030 | M R  | No           | 0.15 | 0.5 | 7  | 0.3  | 35   | 6.35 | 0   | 0   | 2.38 | ●                     |
| CSVG11FRV035 | M R  | No           | 0.15 | 0.5 | 7  | 0.35 | 35   | 6.35 | 0   | 0   | 2.38 | ●                     |
| CSVG11FRV040 | M R  | No           | 0.15 | 0.5 | 7  | 0.4  | 35   | 6.35 | 0   | 0   | 2.38 | ●                     |
| CSVG11FRV045 | M R  | No           | 0.45 | 1   | 7  | 0.45 | 35   | 6.35 | 0   | 0   | 2.38 | ●                     |
| CSVG11FRV050 | M R  | No           | 0.45 | 1   | 7  | 0.5  | 35   | 6.35 | 0   | 0   | 2.38 | ●                     |
| CSVG11FRV055 | M R  | No           | 0.45 | 1   | 7  | 0.55 | 35   | 6.35 | 0   | 0   | 2.38 | ●                     |
| CSVG11FRV060 | M R  | No           | 0.45 | 1   | 7  | 0.6  | 35   | 6.35 | 0   | 0   | 2.38 | ●                     |
| CSVG11FRV065 | M R  | No           | 0.45 | 1   | 7  | 0.65 | 35   | 6.35 | 0   | 0   | 2.38 | ●                     |
| CSVG11FRV070 | M R  | No           | 0.45 | 1   | 7  | 0.7  | 35   | 6.35 | 0   | 0   | 2.38 | ●                     |
| CSVG11FRV075 | M R  | No           | 1.4  | 2   | 7  | 0.75 | 35   | 6.35 | 0   | 0   | 2.38 | ●                     |
| CSVG11FRV080 | M R  | No           | 1.4  | 2   | 7  | 0.8  | 35   | 6.35 | 0   | 0   | 2.38 | ●                     |
| CSVG11FRV085 | M R  | No           | 1.4  | 2   | 7  | 0.85 | 35   | 6.35 | 0   | 0   | 2.38 | ●                     |
| CSVG11FRV090 | M R  | No           | 1.4  | 2   | 7  | 0.9  | 35   | 6.35 | 0   | 0   | 2.38 | ●                     |
| CSVG11FRV095 | M R  | No           | 1.4  | 2   | 7  | 0.95 | 35   | 6.35 | 0   | 0   | 2.38 | ●                     |
| CSVG11FRV100 | M R  | No           | 1.4  | 2   | 7  | 1    | 35   | 6.35 | 0   | 0   | 2.38 | ●                     |
| CSVG11FRV110 | M R  | No           | 2.6  | 3   | 7  | 1.1  | 35   | 6.35 | 0   | 0   | 2.38 | ●                     |
| CSVG11FRV120 | M R  | No           | 2.6  | 3   | 7  | 1.2  | 35   | 6.35 | 0   | 0   | 2.38 | ●                     |
| CSVG11FRV130 | M R  | No           | 2.6  | 3   | 7  | 1.3  | 35   | 6.35 | 0   | 0   | 2.38 | ●                     |
| CSVG11FRV140 | M R  | No           | 2.6  | 3   | 7  | 1.4  | 35   | 6.35 | 0   | 0   | 2.38 | ●                     |
| CSVG11FRV150 | M R  | No           | 2.6  | 3   | 7  | 1.5  | 35   | 6.35 | 0   | 0   | 2.38 | ●                     |
| CSVG11FLV075 | M L  | No           | 1.4  | 2   | 7  | 0.75 | 35   | 6.35 | 0   | 0   | 2.38 | ●                     |
| CSVG11FLV095 | M L  | No           | 1.4  | 2   | 7  | 0.95 | 35   | 6.35 | 0   | 0   | 2.38 | ●                     |
| CSVG11FLV120 | M L  | No           | 2.6  | 3   | 7  | 1.2  | 35   | 6.35 | 0   | 0   | 2.38 | ●                     |

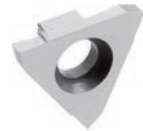
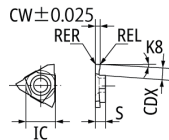
## ■ GTMX32-SS Short type / Flat top chipbreaker



● Diagram shows right-hand tool

| Item Number  | Hand | Chip-breaker | APMX | CDX | CW  | EPSR | GAN | IC    | K8 | LBB | REL  | RER  | S    | Carbide PVD ZM3 |
|--------------|------|--------------|------|-----|-----|------|-----|-------|----|-----|------|------|------|-----------------|
|              |      |              | mm   | mm  | mm  | °    | °   | mm    | °  | mm  | mm   | mm   | mm   |                 |
| GTMX32100RSS | R    | Yes          | 1.6  | 2   | 1   | 60   | 0   | 9.525 | 2  | 1.5 | 0.05 | 0.05 | 3.18 | ●               |
| GTMX32150RSS | R    | Yes          | 2.7  | 3   | 1.5 | 60   | 0   | 9.525 | 2  | 1.5 | 0.05 | 0.05 | 3.18 | ●               |
| GTMX32200RSS | R    | Yes          | 2.7  | 3   | 2   | 60   | 0   | 9.525 | 2  | 1.5 | 0.05 | 0.05 | 3.18 | ●               |

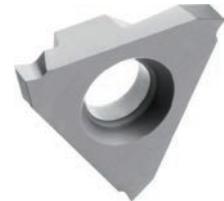
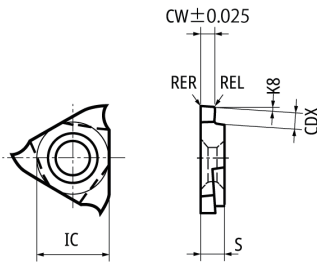
## ■ GTMX32-LS Long type / Flat top chipbreaker



● Diagram shows right-hand tool

| Item Number  | Hand | Chip-breaker | APMX | CDX | CW  | EPSR | GAN | IC    | K8 | LBB | REL  | RER  | S    | Carbide PVD ZM3 |
|--------------|------|--------------|------|-----|-----|------|-----|-------|----|-----|------|------|------|-----------------|
|              |      |              | mm   | mm  | mm  | °    | °   | mm    | °  | mm  | mm   | mm   | mm   |                 |
| GTMX32100RLS | R    | Yes          | 1.6  | 2   | 1   | 60   | 0   | 9.525 | 2  | 3   | 0.05 | 0.05 | 3.18 | ●               |
| GTMX32150RLS | R    | Yes          | 2.7  | 3   | 1.5 | 60   | 0   | 9.525 | 2  | 3   | 0.05 | 0.05 | 3.18 | ●               |
| GTMX32200RLS | R    | Yes          | 2.7  | 3   | 2   | 60   | 0   | 9.525 | 2  | 3   | 0.05 | 0.05 | 3.18 | ●               |

## ■ GTMH32-VT Side Turning



● Diagram shows right-hand tool

| Item Number  | Hand | Chip-breaker | APMX | CDX | CW   | EPSR | GAN | IC    | K8 | REL | RER | S    | Carbide PVD VM1 |
|--------------|------|--------------|------|-----|------|------|-----|-------|----|-----|-----|------|-----------------|
|              |      |              | mm   | mm  | mm   | °    | °   | mm    | °  | mm  | mm  | mm   |                 |
| GTMH32033RVT | R    | Yes          | 0.25 | 0.6 | 0.33 | 60   | 14  | 9.525 | 2  | 0   | 0   | 3.18 | ●               |
| GTMH32043RVT | R    | Yes          | 0.9  | 1.2 | 0.43 | 60   | 14  | 9.525 | 2  | 0   | 0   | 3.18 | ●               |
| GTMH32053RVT | R    | Yes          | 1.6  | 2   | 0.53 | 60   | 14  | 9.525 | 2  | 0   | 0   | 3.18 | ●               |
| GTMH32065RVT | R    | Yes          | 1.6  | 2   | 0.65 | 60   | 14  | 9.525 | 2  | 0   | 0   | 3.18 | ●               |
| GTMH32075RVT | R    | Yes          | 1.6  | 2   | 0.75 | 60   | 14  | 9.525 | 2  | 0   | 0   | 3.18 | ●               |
| GTMH32080RVT | R    | Yes          | 1.6  | 2   | 0.8  | 60   | 14  | 9.525 | 2  | 0   | 0   | 3.18 | ●               |
| GTMH32085RVT | R    | Yes          | 1.6  | 2   | 0.85 | 60   | 14  | 9.525 | 2  | 0   | 0   | 3.18 | ●               |
| GTMH32095RVT | R    | Yes          | 1.6  | 2   | 0.95 | 60   | 14  | 9.525 | 2  | 0   | 0   | 3.18 | ●               |
| GTMH32100RVT | R    | Yes          | 1.6  | 2   | 1    | 60   | 14  | 9.525 | 2  | 0   | 0   | 3.18 | ●               |
| GTMH32110RVT | R    | Yes          | 1.6  | 2   | 1.1  | 60   | 14  | 9.525 | 2  | 0   | 0   | 3.18 | ●               |
| GTMH32120RVT | R    | Yes          | 1.6  | 2   | 1.2  | 60   | 14  | 9.525 | 2  | 0   | 0   | 3.18 | ●               |
| GTMH32130RVT | R    | Yes          | 1.6  | 2   | 1.3  | 60   | 14  | 9.525 | 2  | 0   | 0   | 3.18 | ●               |
| GTMH32140RVT | R    | Yes          | 1.6  | 2   | 1.4  | 60   | 14  | 9.525 | 2  | 0   | 0   | 3.18 | ●               |
| GTMH32150RVT | R    | Yes          | 2.7  | 3   | 1.5  | 60   | 14  | 9.525 | 2  | 0   | 0   | 3.18 | ●               |
| GTMH32200RVT | R    | Yes          | 2.7  | 3   | 2    | 60   | 14  | 9.525 | 2  | 0   | 0   | 3.18 | ●               |