



Where **high performance**
is the **standard**



M.A. FORD **MAX**
RANGE

Small Parts Turning Tools

www.mafordeurope.com



Where **high performance** is the **standard***

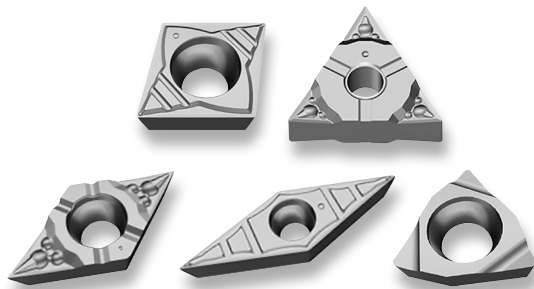


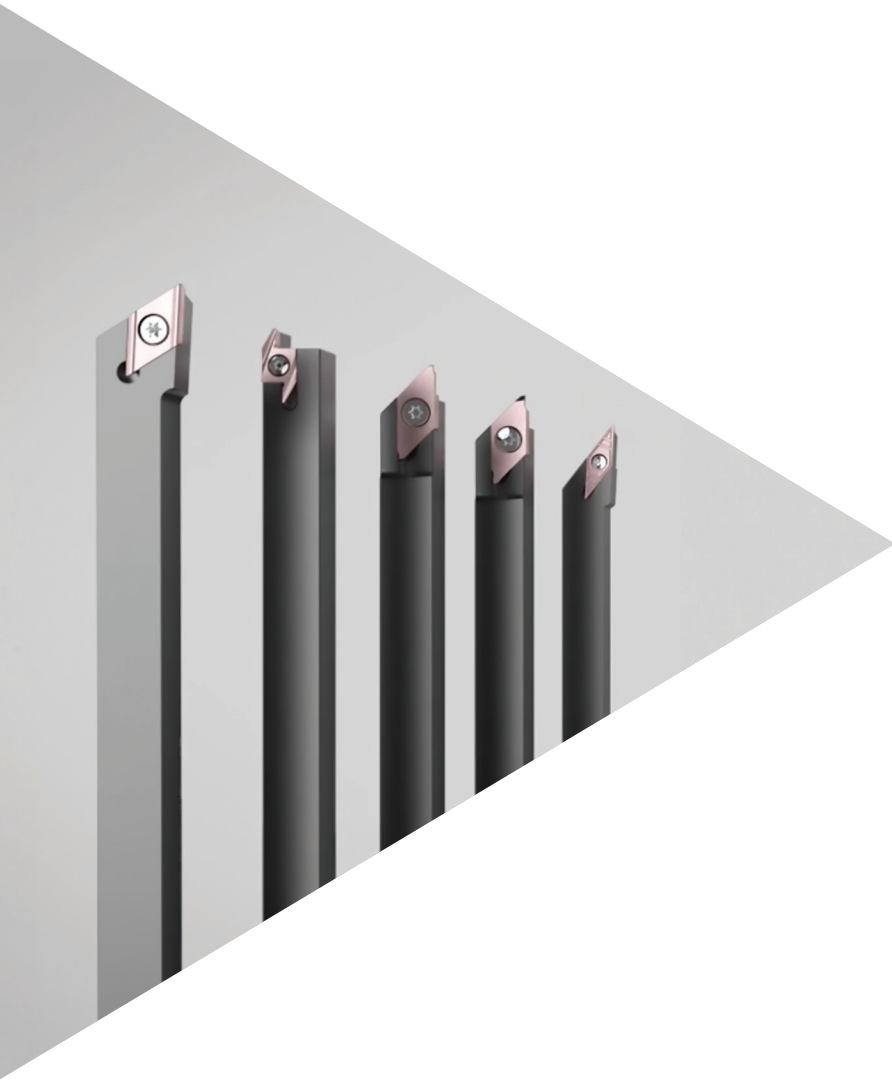
Since 1919 M.A. Ford has been at the cutting edge of tooling design and manufacture. During this time we have developed an enviable global reputation for precision and high performance, which has helped countless businesses improve productivity, save manufacturing time and improve production costs.

Our FordMAX range of indexable carbide turning and threading inserts provide a highly effective affordable solution for batch production and low volume manufacturing, while retaining the productivity and performance benefits that are synonymous with M.A. Ford.

Incorporating a wide range of precision ground inserts available in different geometries and coatings for all material groups. The FordMAX insert range is the perfect solution for performance, precision and economy.

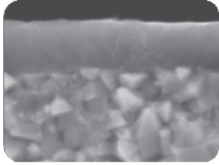
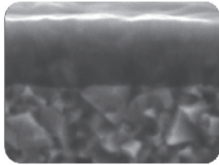
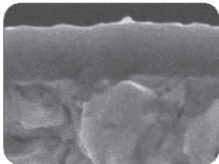
M.A. FORD – Where high performance is the standard.

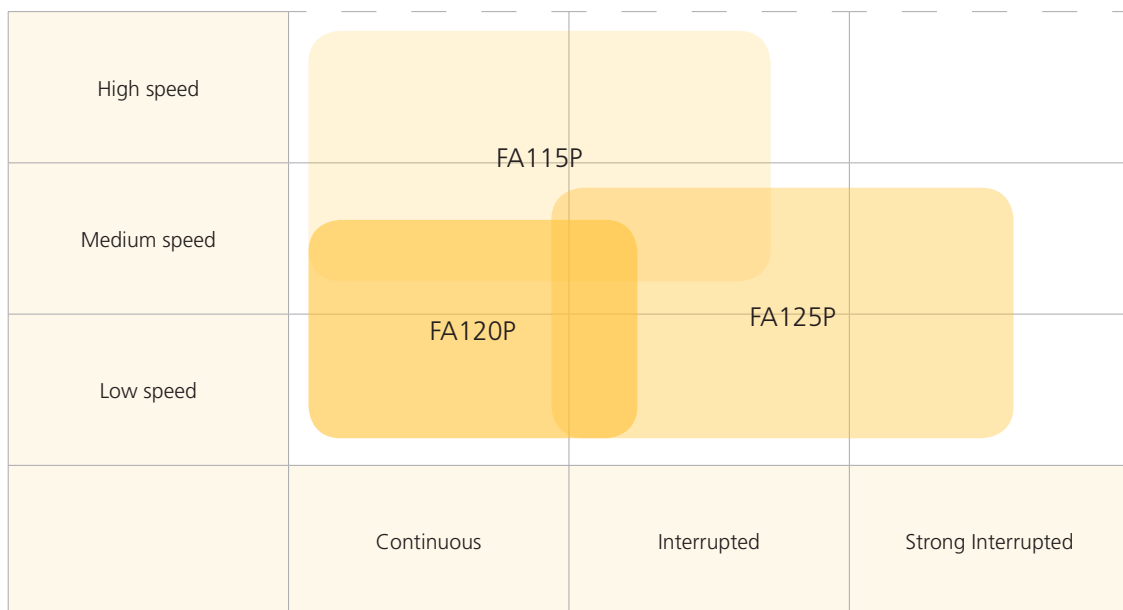




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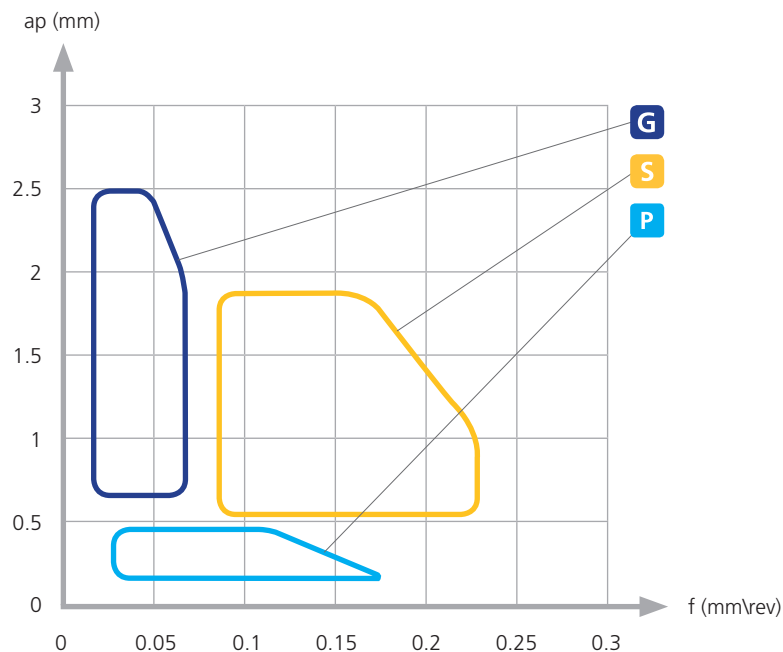
Application Summary of PVD Grades for Small Parts Turning

| Grade | Colour | Material Microstructure | Features |
|--------|----------|--|---|
| FA115P | Grey |  | New nanostructured PVD coating combine with micro-grain cemented carbide substrate and special surface treatment, provides outstanding wear resistance, oxidation resistance and machining stability. Suitable for steel and stainless steel in general cutting condition with medium or high speed. |
| FA120P | Amaranth |  | High wear-resistant PVD coating with ultra-fine grained cemented carbide substrate, provides excellent wear resistance at medium and low speed, achieving precision machining. Suitable for steel and stainless steel in stable cutting condition with low or medium speed. |
| FA125P | Grey |  | New generation coating with new PVD technology, combined with high-Co cemented carbide substrate, provides excellent toughness and cutting edge strength. Suitable for steel and stainless steel in unstable cutting condition. |



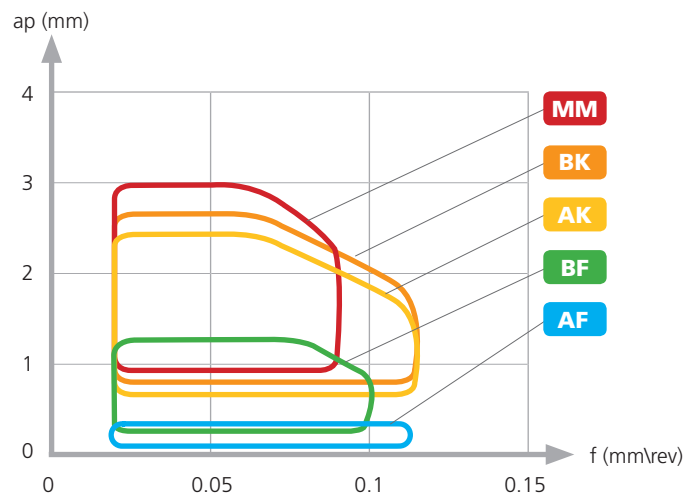
Turning Geometry for Small Parts

| General Groove Geometry Series | | | |
|--------------------------------|---------------|------------------|--|
| Geometry | Cutting Depth | Geometry Section | Features |
| P Geometry Series | 0.1-0.4mm | | <ul style="list-style-type: none"> Groove design: stable control of chip removal direction Without edge hone: the edge is sharp, which can effectively reduce cutting force |
| G Geometry Series | 0.6-2.5mm | | <ul style="list-style-type: none"> Arc geometry design: improves the sharpness of the edge and ensures the strength of the tip at the same time Large cutting edge length: meets the requirement of larger cutting depth |
| S Geometry Series | 0.5-1.9mm | | <ul style="list-style-type: none"> Design of insert inclination angle: controls chip flow direction and reduces cutting resistance Without edge hone: the edge is sharp, which can effectively reduce cutting force |

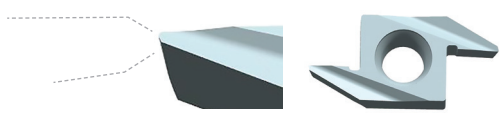
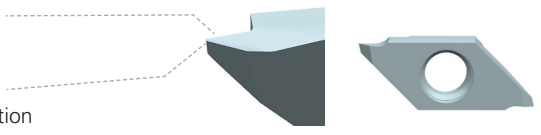


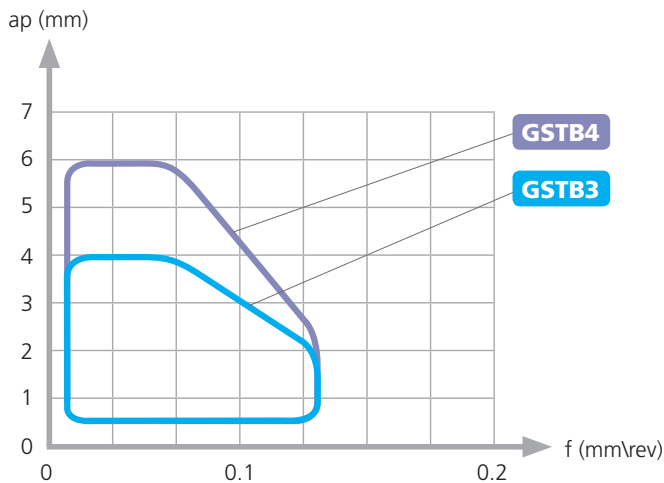
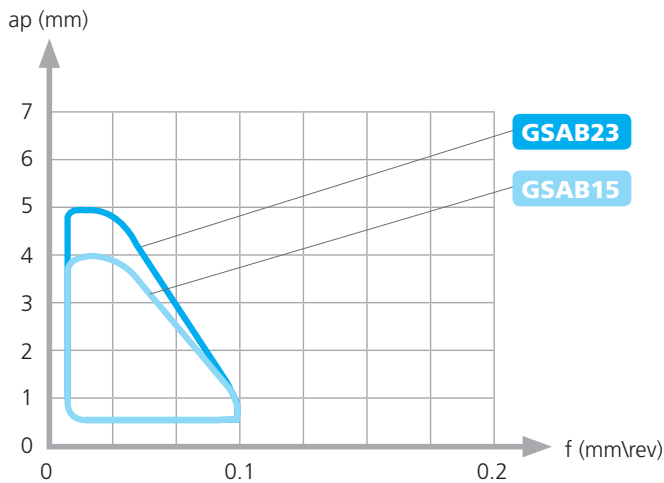
Turning Geometry for Small Parts

| 3D Geometry Series | | | |
|--------------------|---------------|------------------|--|
| Geometry | Cutting Depth | Geometry Section | Features |
| AF | 0.02-0.2mm | | <ul style="list-style-type: none"> Small cutting edge width: meets the chip breaking requirements in the field of small cutting depth Large rake angle: reduces cutting forces and obtains excellent machining surface quality |
| BF | 0.2-1.2mm | | <ul style="list-style-type: none"> Special chip breaker design: promotes chip curling, which is beneficial to chip removal Small rake angle: high edge strength and versatility |
| AK | 0.7-2.5mm | | <ul style="list-style-type: none"> Sharp-edged design: satisfies the requirements of excellent surface quality Controls chip flow direction: reduces cutting forces |
| BK | 0.8-2.6mm | | <ul style="list-style-type: none"> Large edge width design: Smooth chip removal with stable cutting action Controls chip flow direction and reduces cutting forces |
| MM | 0.9-3.0mm | | <ul style="list-style-type: none"> Double rake angle: promotes sharpness and strength, and has a wide working range Design of chip breaker: promotes stable chip control |

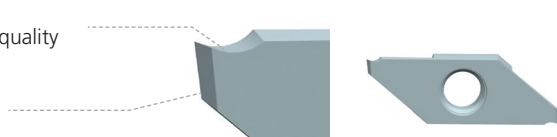



Turning Geometry for Small Parts

| Back Turning Series | | |
|---------------------|---------------|---|
| Geometry | Cutting Depth | Features |
| GSAB Series | 0.5-5mm | <ul style="list-style-type: none"> • Special shape: meets the back turning processing requirements • Special geometry: enables stable chip flow  |
| GSTB Series | 0.5-6mm | <ul style="list-style-type: none"> • Rigid Insert clamping: achieves stable cutting process • Groove design: effectively controls the chip removal direction  |



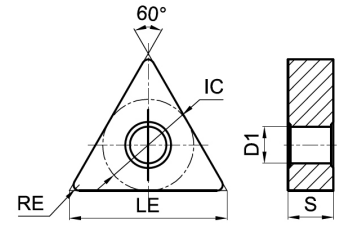
Turning Geometry for Small Parts

| Grooving and Threading | |
|------------------------|---|
| Series | Features |
| GSTC/GSTS Series | <ul style="list-style-type: none"> • Sharp edge, large rake angle: soft cutting, excellent machined surface quality • Rigid Insert clamping: achieves stable cutting process  |
| GSTT Series | <ul style="list-style-type: none"> • No edge hone, sharp edge design: excellent machining surface quality • Rigid Insert clamping: achieves stable cutting process  |

Turning Insert (Negative)

TN

Triangle 60°, with hole



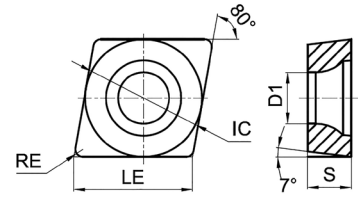
| Ordering Code | | Dimension (mm) | | | | | Grade | | |
|---------------|----------------|----------------|-------|------|------|------|--------|--------|--------|
| | | LE | IC | S | D1 | RE | FA115P | FA120P | FA125P |
| | TNGG160401L-P | 16.5 | 9.525 | 4.76 | 3.81 | 0.1 | ● | ● | ● |
| | TNGG160401R-P | 16.5 | 9.525 | 4.76 | 3.81 | 0.1 | ● | ● | ● |
| | TNGG160402L-P | 16.5 | 9.525 | 4.76 | 3.81 | 0.2 | ● | ● | ● |
| | TNGG160402R-P | 16.5 | 9.525 | 4.76 | 3.81 | 0.2 | ● | ● | ● |
| | TNGG160404L-P | 16.5 | 9.525 | 4.76 | 3.81 | 0.4 | ● | ● | ● |
| | TNGG160404R-P | 16.5 | 9.525 | 4.76 | 3.81 | 0.4 | ● | ● | ● |
| | TNGG160408L-P | 16.5 | 9.525 | 4.76 | 3.81 | 0.8 | ○ | ● | ○ |
| | TNGG160408R-P | 16.5 | 9.525 | 4.76 | 3.81 | 0.8 | ○ | ○ | ○ |
| | TNGG160404L-G | 16.5 | 9.525 | 4.76 | 3.81 | 0.4 | | ● | |
| | TNGG160404R-G | 16.5 | 9.525 | 4.76 | 3.81 | 0.4 | | ● | |
| | TNGG160408L-G | 16.5 | 9.525 | 4.76 | 3.81 | 0.8 | | ● | |
| | TNGG160408R-G | 16.5 | 9.525 | 4.76 | 3.81 | 0.8 | | ● | |
| | TNGG160401M-AK | 16.5 | 9.525 | 4.76 | 3.81 | <0.1 | ● | | ● |
| | TNGG160402M-AK | 16.5 | 9.525 | 4.76 | 3.81 | <0.2 | ● | | ● |
| | TNGG160404M-AK | 16.5 | 9.525 | 4.76 | 3.81 | <0.4 | ● | | ● |

- Available from stock, 7 days delivery. Please check availability.
- Available to order.

Turning Insert (Positive)

CC

Rhombic 80°, with hole



| Ordering Code | Dimension (mm) | | | | | Grade | | |
|-----------------|----------------|-------|------|-----|-------|--------|--------|--------|
| | LE | IC | S | D1 | RE | FA115P | FA120P | FA125P |
| CCGT0301005ML-P | 4.0 | 3.97 | 1.59 | 1.9 | <0.05 | ○ | ○ | ○ |
| CCGT0301005MR-P | 4.0 | 3.97 | 1.59 | 1.9 | <0.05 | ○ | ○ | ○ |
| CCGT030101ML-P | 4.0 | 3.97 | 1.59 | 1.9 | <0.1 | ● | ○ | ○ |
| CCGT030101MR-P | 4.0 | 3.97 | 1.59 | 1.9 | <0.1 | ○ | ○ | ○ |
| CCGT030102ML-P | 4.0 | 3.97 | 1.59 | 1.9 | <0.2 | ● | ○ | ● |
| CCGT030102MR-P | 4.0 | 3.97 | 1.59 | 1.9 | <0.2 | ○ | ○ | ○ |
| CCGT030104ML-P | 4.0 | 3.97 | 1.59 | 1.9 | <0.4 | ● | ○ | ● |
| CCGT030104MR-P | 4.0 | 3.97 | 1.59 | 1.9 | <0.4 | ○ | ○ | ○ |
| CCGT0401005ML-P | 4.8 | 4.76 | 1.59 | 2.3 | <0.05 | ○ | ○ | ○ |
| CCGT0401005MR-P | 4.8 | 4.76 | 1.59 | 2.3 | <0.05 | ○ | ○ | ○ |
| CCGT040101ML-P | 4.8 | 4.76 | 1.59 | 2.3 | <0.1 | ○ | ○ | ○ |
| CCGT040101MR-P | 4.8 | 4.76 | 1.59 | 2.3 | <0.1 | ○ | ○ | ○ |
| CCGT040102ML-P | 4.8 | 4.76 | 1.59 | 2.3 | <0.2 | ● | ○ | ● |
| CCGT040102MR-P | 4.8 | 4.76 | 1.59 | 2.3 | <0.2 | ● | ○ | ○ |
| CCGT040104ML-P | 4.8 | 4.76 | 1.59 | 2.3 | <0.4 | ● | ○ | ● |
| CCGT040104MR-P | 4.8 | 4.76 | 1.59 | 2.3 | <0.4 | ● | ○ | ○ |
| CCGT0602005ML-P | 6.5 | 6.35 | 2.38 | 2.8 | <0.05 | ○ | ○ | ○ |
| CCGT0602005MR-P | 6.5 | 6.35 | 2.38 | 2.8 | <0.05 | ○ | ● | ○ |
| CCGT060201ML-P | 6.5 | 6.35 | 2.38 | 2.8 | <0.1 | ● | ○ | ● |
| CCGT060201MR-P | 6.5 | 6.35 | 2.38 | 2.8 | <0.1 | ○ | ● | ○ |
| CCGT09T3005ML-P | 9.7 | 9.525 | 3.97 | 4.4 | <0.05 | ○ | ○ | ○ |
| CCGT09T3005MR-P | 9.7 | 9.525 | 3.97 | 4.4 | <0.05 | ○ | ● | ○ |
| CCGT09T301ML-P | 9.7 | 9.525 | 3.97 | 4.4 | <0.1 | ○ | ○ | ○ |
| CCGT09T301MR-P | 9.7 | 9.525 | 3.97 | 4.4 | <0.1 | ○ | ○ | ○ |
| CCGT030101L-P | 4.0 | 3.97 | 1.59 | 1.9 | 0.1 | | ● | |
| CCGT030102L-P | 4.0 | 3.97 | 1.59 | 1.9 | 0.2 | | ● | |
| CCGT030104L-P | 4.0 | 3.97 | 1.59 | 1.9 | 0.4 | | ● | |
| CCGT040101L-P | 4.8 | 4.76 | 1.59 | 2.3 | 0.1 | | ● | |
| CCGT040102L-P | 4.8 | 4.76 | 1.59 | 2.3 | 0.2 | | ● | |
| CCGT040104L-P | 4.8 | 4.76 | 1.59 | 2.3 | 0.4 | | ● | |
| CCGT060201L-P | 6.5 | 6.35 | 2.38 | 2.8 | 0.1 | | ○ | |
| CCGT060201R-P | 6.5 | 6.35 | 2.38 | 2.8 | 0.1 | | ○ | |

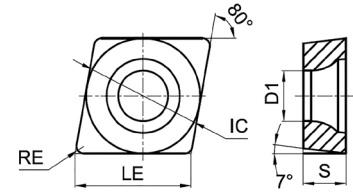


● Available from stock, 7 days delivery. Please check availability.
○ Available to order.

Turning Insert (Positive)

CC

Rhombic 80°, with hole



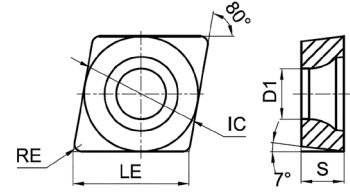
| Ordering Code | | Dimension (mm) | | | | | Grade | | |
|---------------|-----------------|----------------|-------|------|-----|-------|--------|--------|--------|
| | | LE | IC | S | D1 | RE | FA115P | FA120P | FA125P |
| | CCGT060202L-P | 6.5 | 6.35 | 2.38 | 2.8 | 0.2 | | ● | |
| | CCGT060202R-P | 6.5 | 6.35 | 2.38 | 2.8 | 0.2 | | ● | |
| | CCGT060204L-P | 6.5 | 6.35 | 2.38 | 2.8 | 0.4 | | ● | |
| | CCGT060204R-P | 6.5 | 6.35 | 2.38 | 2.8 | 0.4 | | ● | |
| | CCGT09T301L-P | 9.7 | 9.525 | 3.97 | 4.4 | 0.1 | | ○ | |
| | CCGT09T301R-P | 9.7 | 9.525 | 3.97 | 4.4 | 0.1 | | ● | |
| | CCGT09T302L-P | 9.7 | 9.525 | 3.97 | 4.4 | 0.2 | | ○ | |
| | CCGT09T302R-P | 9.7 | 9.525 | 3.97 | 4.4 | 0.2 | | ● | |
| | CCGT09T304L-P | 9.7 | 9.525 | 3.97 | 4.4 | 0.4 | | ● | |
| | CCGT09T304R-P | 9.7 | 9.525 | 3.97 | 4.4 | 0.4 | | ● | |
| | CCGT0602005ML-G | 6.5 | 6.35 | 2.38 | 2.8 | <0.05 | ○ | ○ | ○ |
| | CCGT0602005MR-G | 6.5 | 6.35 | 2.38 | 2.8 | <0.05 | ○ | ○ | ○ |
| | CCGT060201MEL-G | 6.5 | 6.35 | 2.38 | 2.8 | <0.01 | ○ | ○ | ○ |
| | CCGT060201MER-G | 6.5 | 6.35 | 2.38 | 2.8 | <0.01 | ○ | ○ | ○ |
| | CCGT060201ML-G | 6.5 | 6.35 | 2.38 | 2.8 | <0.01 | ● | ○ | ○ |
| | CCGT060201MR-G | 6.5 | 6.35 | 2.38 | 2.8 | <0.01 | ● | ○ | ○ |
| | CCGT060202ML-G | 6.5 | 6.35 | 2.38 | 2.8 | <0.2 | ● | ○ | ○ |
| | CCGT060202MR-G | 6.5 | 6.35 | 2.38 | 2.8 | <0.2 | ● | ○ | ○ |
| | CCGT09T3005ML-G | 9.7 | 9.525 | 3.97 | 4.4 | <0.05 | ● | ○ | ○ |
| | CCGT09T3005MR-G | 9.7 | 9.525 | 3.97 | 4.4 | <0.05 | ● | ● | ○ |
| | CCGT09T301MEL-G | 9.7 | 9.525 | 3.97 | 4.4 | <0.1 | ○ | ○ | ○ |
| | CCGT09T301MER-G | 9.7 | 9.525 | 3.97 | 4.4 | <0.1 | ○ | ○ | ○ |
| | CCGT09T301ML-G | 9.7 | 9.525 | 3.97 | 4.4 | <0.1 | ● | ○ | ○ |
| | CCGT09T301MR-G | 9.7 | 9.525 | 3.97 | 4.4 | <0.1 | ● | ● | ● |
| | CCGT09T302ML-G | 9.7 | 9.525 | 3.97 | 4.4 | <0.2 | ● | ○ | ○ |
| | CCGT09T302MR-G | 9.7 | 9.525 | 3.97 | 4.4 | <0.2 | ● | ○ | ● |

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- Available to order.

Turning Insert (Positive)

CC

Rhombic 80°, with hole



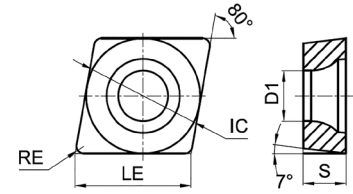
| Ordering Code | Dimension (mm) | | | | | Grade | | |
|---------------|----------------|-----|-------|------|-----|--------|--------|--------|
| | LE | IC | S | D1 | RE | FA115P | FA120P | FA125P |
| | CCGT060201EL-G | 6.5 | 6.35 | 2.38 | 2.8 | 0.1 | ○ | |
| | CCGT060201ER-G | 6.5 | 6.35 | 2.38 | 2.8 | 0.1 | ○ | |
| | CCGT060201L-G | 6.5 | 6.35 | 2.38 | 2.8 | 0.1 | ○ | |
| | CCGT060201R-G | 6.5 | 6.35 | 2.38 | 2.8 | 0.1 | ○ | |
| | CCGT060202EL-G | 6.5 | 6.35 | 2.38 | 2.8 | 0.2 | ● | |
| | CCGT060202ER-G | 6.5 | 6.35 | 2.38 | 2.8 | 0.2 | ● | |
| | CCGT060202L-G | 6.5 | 6.35 | 2.38 | 2.8 | 0.2 | ● | |
| | CCGT060202R-G | 6.5 | 6.35 | 2.38 | 2.8 | 0.2 | ● | |
| | CCGT060204EL-G | 6.5 | 6.35 | 2.38 | 2.8 | 0.4 | ● | |
| | CCGT060204ER-G | 6.5 | 6.35 | 2.38 | 2.8 | 0.4 | ○ | |
| | CCGT060204L-G | 6.5 | 6.35 | 2.38 | 2.8 | 0.4 | ○ | |
| | CCGT060204R-G | 6.5 | 6.35 | 2.38 | 2.8 | 0.4 | ● | |
| | CCGT09T301EL-G | 9.7 | 9.525 | 3.97 | 4.4 | 0.1 | ● | |
| | CCGT09T301ER-G | 9.7 | 9.525 | 3.97 | 4.4 | 0.1 | ● | |
| | CCGT09T301L-G | 9.7 | 9.525 | 3.97 | 4.4 | 0.1 | ● | |
| | CCGT09T301R-G | 9.7 | 9.525 | 3.97 | 4.4 | 0.1 | ● | |
| | CCGT09T302EL-G | 9.7 | 9.525 | 3.97 | 4.4 | 0.2 | ● | |
| | CCGT09T302ER-G | 9.7 | 9.525 | 3.97 | 4.4 | 0.2 | ● | |
| | CCGT09T302L-G | 9.7 | 9.525 | 3.97 | 4.4 | 0.2 | ● | |
| | CCGT09T302R-G | 9.7 | 9.525 | 3.97 | 4.4 | 0.2 | ● | |
| | CCGT09T304EL-G | 9.7 | 9.525 | 3.97 | 4.4 | 0.4 | ● | |
| | CCGT09T304ER-G | 9.7 | 9.525 | 3.97 | 4.4 | 0.4 | ● | |
| | CCGT09T304L-G | 9.7 | 9.525 | 3.97 | 4.4 | 0.4 | ● | |
| | CCGT09T304R-G | 9.7 | 9.525 | 3.97 | 4.4 | 0.4 | ○ | |

- Available from stock, 7 days delivery. Please check availability.
- Available to order.

Turning Insert (Positive)

CC

Rhombic 80°, with hole



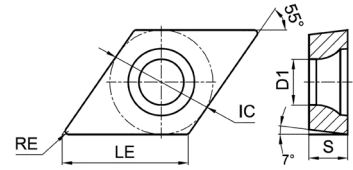
| Ordering Code | | Dimension (mm) | | | | | Grade | | |
|---------------|-----------------|----------------|-------|------|-----|-------|--------|--------|--------|
| | | LE | IC | S | D1 | RE | FA115P | FA120P | FA125P |
| | CCGT0602005M-BF | 6.5 | 6.35 | 2.38 | 2.8 | <0.05 | ○ | | |
| | CCGT060201M-BF | 6.5 | 6.35 | 2.38 | 2.8 | <0.1 | ● | | ● |
| | CCGT060202M-BF | 6.5 | 6.35 | 2.38 | 2.8 | <0.2 | ● | | ● |
| | CCGT09T301M-BF | 9.7 | 9.525 | 3.97 | 4.4 | <0.1 | ● | | ● |
| | CCGT09T302M-BF | 9.7 | 9.525 | 3.97 | 4.4 | <0.2 | ● | | ● |
| | CCGT09T304M-BF | 9.7 | 9.525 | 3.97 | 4.4 | <0.4 | ● | | ● |
| | CCGT060201M-BK | 6.5 | 6.35 | 2.38 | 2.8 | <0.1 | ● | | ● |
| | CCGT060202M-BK | 6.5 | 6.35 | 2.38 | 2.8 | <0.2 | ● | | ● |
| | CCGT09T301M-BK | 9.7 | 9.525 | 3.97 | 4.4 | <0.1 | ● | | ● |
| | CCGT09T302M-BK | 9.7 | 9.525 | 3.97 | 4.4 | <0.2 | ● | | ● |
| | CCGT09T304M-BK | 9.7 | 9.525 | 3.97 | 4.4 | <0.4 | ● | | ● |

- Available from stock, 7 days delivery. Please check availability.
- Available to order.

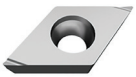
Turning Insert (Positive)

DC

Rhombic 55°, with hole



| Ordering Code | Dimension (mm) | | | | | Grade | | |
|-----------------|----------------|-------|------|-----|-------|--------|--------|--------|
| | LE | IC | S | D1 | RE | FA115P | FA120P | FA125P |
| DCGT0702005ML-P | 7.8 | 6.35 | 2.38 | 2.8 | <0.05 | ○ | ○ | ○ |
| DCGT0702005MR-P | 7.8 | 6.35 | 2.38 | 2.8 | <0.05 | ○ | ● | ○ |
| DCGT070201ML-P | 7.8 | 6.35 | 2.38 | 2.8 | <0.1 | ○ | ○ | ○ |
| DCGT070201MR-P | 7.8 | 6.35 | 2.38 | 2.8 | <0.1 | ○ | | ○ |
| DCGT11T3005ML-P | 11.6 | 9.525 | 3.97 | 4.4 | <0.05 | ○ | ○ | ○ |
| DCGT11T3005MR-P | 11.6 | 9.525 | 3.97 | 4.4 | <0.05 | ○ | ● | ○ |
| DCGT11T302MR-P | 11.6 | 9.525 | 3.97 | 4.4 | <0.2 | ● | ○ | ● |
| DCGT0702003L-P | 7.8 | 6.35 | 2.38 | 2.8 | 0.03 | | ○ | |
| DCGT0702003R-P | 7.8 | 6.35 | 2.38 | 2.8 | 0.03 | | ○ | |
| DCGT070201L-P | 7.8 | 6.35 | 2.38 | 2.8 | 0.1 | | ○ | |
| DCGT070201R-P | 7.8 | 6.35 | 2.38 | 2.8 | 0.1 | | ● | |
| DCGT070202L-P | 7.8 | 6.35 | 2.38 | 2.8 | 0.2 | | ○ | |
| DCGT070202R-P | 7.8 | 6.35 | 2.38 | 2.8 | 0.2 | | ● | |
| DCGT070204L-P | 7.8 | 6.35 | 2.38 | 2.8 | 0.4 | | ● | |
| DCGT070204R-P | 7.8 | 6.35 | 2.38 | 2.8 | 0.4 | | ○ | |
| DCGT11T3003L-P | 11.6 | 9.525 | 3.97 | 4.4 | 0.03 | | ○ | |
| DCGT11T3003R-P | 11.6 | 9.525 | 3.97 | 4.4 | 0.03 | | ○ | |
| DCGT11T301L-P | 11.6 | 9.525 | 3.97 | 4.4 | 0.1 | | ○ | |
| DCGT11T301R-P | 11.6 | 9.525 | 3.97 | 4.4 | 0.1 | | ● | |
| DCGT11T302L-P | 11.6 | 9.525 | 3.97 | 4.4 | 0.2 | | ● | |
| DCGT11T302R-P | 11.6 | 9.525 | 3.97 | 4.4 | 0.2 | | ● | |
| DCGT11T304L-P | 11.6 | 9.525 | 3.97 | 4.4 | 0.4 | | ● | |
| DCGT11T304R-P | 11.6 | 9.525 | 3.97 | 4.4 | 0.4 | | ● | |

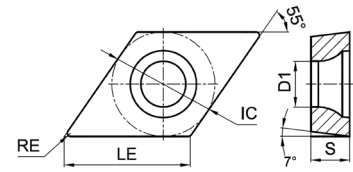


● Available from stock, 7 days delivery. Please check availability.
○ Available to order.

Turning Insert (Positive)

DC

Rhombic 55°, with hole



| Ordering Code | Dimension (mm) | | | | | Grade | | |
|-----------------|----------------|-------|------|-----|-------|--------|--------|--------|
| | LE | IC | S | D1 | RE | FA115P | FA120P | FA125P |
| DCGT0702005ML-G | 7.8 | 6.35 | 2.38 | 2.8 | <0.05 | ○ | ○ | ○ |
| DCGT0702005MR-G | 7.8 | 6.35 | 2.38 | 2.8 | <0.05 | ● | ● | ○ |
| DCGT070201MEL-G | 7.8 | 6.35 | 2.38 | 2.8 | <0.1 | ○ | ○ | ○ |
| DCGT070201MER-G | 7.8 | 6.35 | 2.38 | 2.8 | <0.1 | ○ | ○ | ○ |
| DCGT070201ML-G | 7.8 | 6.35 | 2.38 | 2.8 | <0.1 | ○ | ○ | ○ |
| DCGT070201MR-G | 7.8 | 6.35 | 2.38 | 2.8 | <0.1 | ● | ○ | ○ |
| DCGT11T3005ML-G | 11.6 | 9.525 | 3.97 | 4.4 | <0.05 | ○ | ○ | ○ |
| DCGT11T3005MR-G | 11.6 | 9.525 | 3.97 | 4.4 | <0.05 | ○ | ● | ○ |
| DCGT11T301MEL-G | 11.6 | 9.525 | 3.97 | 4.4 | <0.1 | ○ | ○ | ○ |
| DCGT11T301MER-G | 11.6 | 9.525 | 3.97 | 4.4 | <0.1 | ○ | ○ | ○ |
| DCGT11T301ML-G | 11.6 | 9.525 | 3.97 | 4.4 | <0.1 | ○ | ○ | ○ |
| DCGT11T301MR-G | 11.6 | 9.525 | 3.97 | 4.4 | <0.1 | ● | ● | ● |
| DCGT11T302MER-G | 11.6 | 9.525 | 3.97 | 4.4 | <0.2 | | | ● |
| DCGT11T302MR-G | 11.6 | 9.525 | 3.97 | 4.4 | <0.2 | ● | ○ | ● |
| DCGT070201L-G | 7.8 | 6.35 | 2.38 | 2.8 | 0.1 | | ○ | |
| DCGT070201R-G | 7.8 | 6.35 | 2.38 | 2.8 | 0.1 | | ● | |
| DCGT070202R-G | 7.8 | 6.35 | 2.38 | 2.8 | 0.2 | | ● | |
| DCGT070202R-G | 7.8 | 6.35 | 2.38 | 2.8 | 0.2 | | ○ | |
| DCGT11T301EL-G | 11.6 | 9.525 | 3.97 | 4.4 | 0.1 | | ● | |
| DCGT11T301ER-G | 11.6 | 9.525 | 3.97 | 4.4 | 0.1 | | ● | |
| DCGT11T301L-G | 11.6 | 9.525 | 3.97 | 4.4 | 0.1 | | ● | |
| DCGT11T301R-G | 11.6 | 9.525 | 3.97 | 4.4 | 0.1 | | ● | |
| DCGT11T302EL-G | 11.6 | 9.525 | 3.97 | 4.4 | 0.2 | | ● | |
| DCGT11T302ER-G | 11.6 | 9.525 | 3.97 | 4.4 | 0.2 | | ● | |
| DCGT11T302L-G | 11.6 | 9.525 | 3.97 | 4.4 | 0.2 | | ● | |
| DCGT11T302R-G | 11.6 | 9.525 | 3.97 | 4.4 | 0.2 | | ● | |
| DCGT11T304EL-G | 11.6 | 9.525 | 3.97 | 4.4 | 0.4 | | ○ | |
| DCGT11T304ER-G | 11.6 | 9.525 | 3.97 | 4.4 | 0.4 | | | |

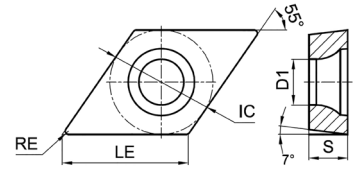


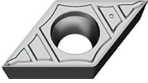




● Available from stock, 7 days delivery. Please check availability.
○ Available to order.

Turning Insert (Positive)

DC

Rhombic 55°, with hole



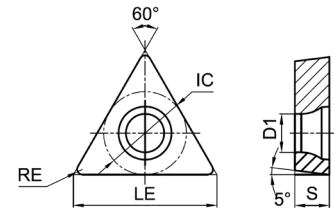
| Ordering Code | Dimension (mm) | | | | | Grade | | |
|---|----------------|------|-------|------|-----|--------|--------|--------|
| | LE | IC | S | D1 | RE | FA115P | FA120P | FA125P |
|  | DCGT070201M-AF | 7.8 | 6.35 | 2.38 | 2.8 | <0.1 | ● | ● |
| | DCGT11T301M-AF | 11.6 | 9.525 | 3.97 | 4.4 | <0.1 | ○ | ● |
|  | DCGT11T301M-AK | 11.6 | 9.525 | 3.97 | 4.4 | <0.1 | ● | ● |
| | DCGT11T302M-AK | 11.6 | 9.525 | 3.97 | 4.4 | <0.2 | ● | ● |
| | | | | | | | | |
|  | DCGT070201M-BF | 7.8 | 6.35 | 2.38 | 2.8 | <0.1 | ● | ● |
| | DCGT070202M-BF | 7.8 | 6.35 | 2.38 | 2.8 | <0.2 | ● | ● |
| | DCGT070204M-BF | 7.8 | 6.35 | 2.38 | 2.8 | <0.4 | ● | ● |
| | DCGT11T301M-BF | 11.6 | 9.525 | 3.97 | 4.4 | <0.1 | ● | ● |
| | DCGT11T302M-BF | 11.6 | 9.525 | 3.97 | 4.4 | <0.2 | ● | ● |
| | DCGT11T304M-BF | 11.6 | 9.525 | 3.97 | 4.4 | <0.4 | ● | ● |
|  | DCGT070201M-BK | 7.8 | 6.35 | 2.38 | 2.8 | <0.1 | ● | ● |
| | DCGT070202M-BK | 7.8 | 6.35 | 2.38 | 2.8 | <0.2 | ● | ● |
| | DCGT11T301M-BK | 11.6 | 9.525 | 3.97 | 4.4 | <0.1 | ● | ● |
| | DCGT11T302M-BK | 11.6 | 9.525 | 3.97 | 4.4 | <0.2 | ● | ● |
| | DCGT11T304M-BK | 11.6 | 9.525 | 3.97 | 4.4 | <0.4 | ● | ● |
|  | DCGT11T301M-MM | 11.6 | 9.525 | 3.97 | 4.4 | <0.1 | ● | ● |
| | DCGT11T302M-MM | 11.6 | 9.525 | 3.97 | 4.4 | <0.2 | ● | ● |
| | DCGT11T304M-MM | 11.6 | 9.525 | 3.97 | 4.4 | <0.4 | ● | ● |
| | | | | | | | ● | ● |

- Available from stock, 7 days delivery. Please check availability.
- Available to order.

Turning Insert (Positive)

TB

Triangle 60°, with hole



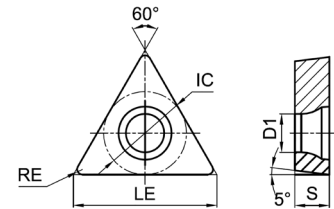
| Ordering Code | | Dimension (mm) | | | | | Grade | | |
|---------------|---------------|----------------|------|------|-----|-----|--------|--------|--------|
| | | LE | IC | S | D1 | RE | FA115P | FA120P | FA125P |
| | TBGT060102L-P | 6.9 | 3.97 | 1.59 | 2.3 | 0.2 | | ● | |
| | TBGT060104L-P | 6.9 | 3.97 | 1.59 | 2.3 | 0.4 | | ● | |
| | | | | | | | | | |
| | | | | | | | | | |

- Available from stock, 7 days delivery. Please check availability.
- Available to order.

Turning Insert (Positive)

TC

Triangle 60°, with hole



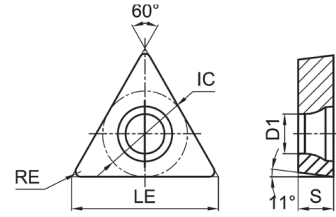
| Ordering Code | | Dimension (mm) | | | | | Grade | | |
|---------------|-----------------|----------------|------|------|-----|-------|--------|--------|--------|
| | | LE | IC | S | D1 | RE | FA115P | FA120P | FA125P |
| | TCGT060102L-P | 6.9 | 3.97 | 1.59 | 2.3 | 0.2 | | ● | |
| | TCGT060104L-P | 6.9 | 3.97 | 1.59 | 2.3 | 0.4 | | ● | |
| | TCGT080202L-P | 8.2 | 4.76 | 2.38 | 2.3 | 0.2 | | ● | |
| | TCGT080204L-P | 8.2 | 4.76 | 2.38 | 2.3 | 0.4 | | ● | |
| | TCGT110202L-P | 11 | 6.35 | 2.38 | 2.8 | 0.2 | | ● | |
| | TCGT110204L-P | 11 | 6.35 | 2.38 | 2.8 | 0.4 | | ● | |
| | TCGT0802005ML-G | 8.2 | 4.76 | 2.38 | 2.3 | <0.05 | ○ | | ○ |
| | TCGT0802005MR-G | 8.2 | 4.76 | 2.38 | 2.3 | <0.05 | ○ | | ○ |
| | TCGT080201ML-G | 8.2 | 4.76 | 2.38 | 2.3 | <0.1 | ○ | | ○ |
| | TCGT080201MR-G | 8.2 | 4.76 | 2.38 | 2.3 | <0.1 | ○ | | ○ |
| | TCGT1103005ML-G | 11 | 6.35 | 3.18 | 2.8 | <0.05 | ○ | ● | ○ |
| | TCGT1103005MR-G | 11 | 6.35 | 3.18 | 2.8 | <0.05 | ○ | ● | ○ |
| | TCGT080202L-G | 8.2 | 4.76 | 2.38 | 2.3 | 0.2 | | ○ | |
| | TCGT080204L-G | 8.2 | 4.76 | 2.38 | 2.3 | 0.4 | | ○ | |
| | TCGT110301L-G | 11 | 6.35 | 3.18 | 2.8 | 0.1 | | ○ | |
| | TCGT110302L-G | 11 | 6.35 | 3.18 | 2.8 | 0.2 | | ○ | |
| | TCGT110304L-G | 11 | 6.35 | 3.18 | 2.8 | 0.4 | | ● | |

- Available from stock, 7 days delivery. Please check availability.
- Available to order.

Turning Insert (Positive)

TP

Triangle 60°, with hole



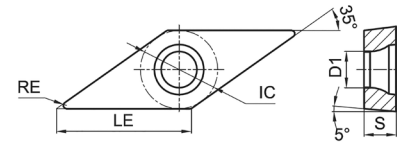
| Ordering Code | | Dimension (mm) | | | | | Grade | | |
|---------------|-----------------|----------------|------|------|-----|-------|--------|--------|--------|
| | | LE | IC | S | D1 | RE | FA115P | FA120P | FA125P |
| | TPGH1103005ML-P | 11 | 6.35 | 3.18 | 3.4 | <0.05 | ○ | ● | ○ |
| | TPGH090202L-P | 9.6 | 5.56 | 2.38 | 2.5 | 0.2 | | ● | |
| | TPGH090204L-P | 9.6 | 5.56 | 2.38 | 2.5 | 0.4 | | ● | |
| | TPGH110301L-P | 11 | 6.35 | 3.18 | 3.4 | 0.1 | ● | ● | |
| | TPGH110302L-P | 11 | 6.35 | 3.18 | 3.4 | 0.2 | ● | ● | |
| | TPGH110304L-P | 11 | 6.35 | 3.18 | 3.4 | 0.4 | | ● | |
| | TPGT080202L-P | 8.2 | 4.76 | 2.38 | 2.3 | 0.2 | | ● | |
| | TPGT080202R-P | 8.2 | 4.76 | 2.38 | 2.3 | 0.2 | | ○ | |
| | TPGT080204L-P | 8.2 | 4.76 | 2.38 | 2.3 | 0.4 | | ● | |
| | TPGT080204R-P | 8.2 | 4.76 | 2.38 | 2.3 | 0.4 | | ○ | |
| | TPGT080201L-G | 8.2 | 4.76 | 2.38 | 2.3 | 0.1 | | ○ | |
| | TPGT080202L-G | 8.2 | 4.76 | 2.38 | 2.3 | 0.2 | | ○ | |
| | TPGT080204L-G | 8.2 | 4.76 | 2.38 | 2.3 | 0.4 | | ○ | |

- Available from stock, 7 days delivery. Please check availability.
- Available to order.

Turning Insert (Positive)

VB

Rhombic 35°, with hole



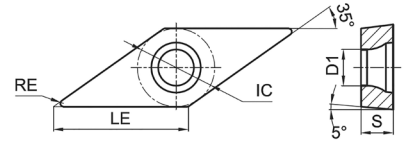
| Ordering Code | | Dimension (mm) | | | | | Grade | | |
|----------------|-----------------|----------------|------|------|-----|-------|--------|--------|--------|
| | | LE | IC | S | D1 | RE | FA115P | FA120P | FA125P |
| | VBGT1103005ML-P | 11.2 | 6.35 | 3.18 | 2.8 | <0.05 | ○ | ○ | ○ |
| | VBGT1103005MR-P | 11.2 | 6.35 | 3.18 | 2.8 | <0.05 | ● | ● | ● |
| | VBGT110301ML-P | 11.2 | 6.35 | 3.18 | 2.8 | <0.1 | ● | ○ | ● |
| | VBGT110301MR-P | 11.2 | 6.35 | 3.18 | 2.8 | <0.1 | ● | ○ | ● |
| | VBGT110302ML-P | 11.2 | 6.35 | 3.18 | 2.8 | <0.2 | ○ | ○ | ● |
| | VBGT110302MR-P | 11.2 | 6.35 | 3.18 | 2.8 | <0.2 | ● | ○ | ● |
| | VBGT1103003L-P | 11.2 | 6.35 | 3.18 | 2.8 | 0.03 | | ○ | |
| | VBGT1103003R-P | 11.2 | 6.35 | 3.18 | 2.8 | 0.03 | | ● | |
| | VBGT110301L-P | 11.2 | 6.35 | 3.18 | 2.8 | 0.1 | | ● | |
| | VBGT110301R-P | 11.2 | 6.35 | 3.18 | 2.8 | 0.1 | | ● | |
| | VBGT110302L-P | 11.2 | 6.35 | 3.18 | 2.8 | 0.2 | | ● | |
| | VBGT110302R-P | 11.2 | 6.35 | 3.18 | 2.8 | 0.2 | | ● | |
| | VBGT110304L-P | 11.2 | 6.35 | 3.18 | 2.8 | 0.4 | | ○ | |
| | VBGT110304R-P | 11.2 | 6.35 | 3.18 | 2.8 | 0.4 | | ● | |
| | VBGT1103005ML-G | 11.2 | 6.35 | 3.18 | 2.8 | <0.05 | ○ | ● | ○ |
| | VBGT1103005MR-G | 11.2 | 6.35 | 3.18 | 2.8 | <0.05 | ● | ● | ● |
| | VBGT110301L-G | 11.2 | 6.35 | 3.18 | 2.8 | 0.1 | | ● | |
| | VBGT110301R-G | 11.2 | 6.35 | 3.18 | 2.8 | 0.1 | | ● | |
| | VBGT110302EL-G | 11.2 | 6.35 | 3.18 | 2.8 | 0.2 | | ○ | |
| | VBGT110302ER-G | 11.2 | 6.35 | 3.18 | 2.8 | 0.2 | | ○ | |
| | VBGT110302R-G | 11.2 | 6.35 | 3.18 | 2.8 | 0.2 | | ○ | |
| | VBGT110304EL-G | 11.2 | 6.35 | 3.18 | 2.8 | 0.4 | | ● | |
| VBGT110304ER-G | 11.2 | 6.35 | 3.18 | 2.8 | 0.4 | | ● | | |

- Available from stock, 7 days delivery. Please check availability.
- Available to order.

Turning Insert (Positive)

VB

Rhombic 35°, with hole



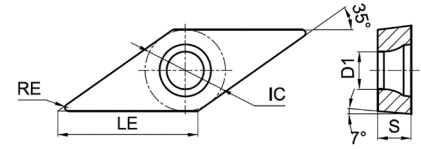
| Ordering Code | | Dimension (mm) | | | | | Grade | | |
|---------------|----------------|----------------|-------|------|-----|-------|--------|--------|--------|
| | | LE | IC | S | D1 | RE | FA115P | FA120P | FA125P |
| | VBGT110300ML-S | 11.2 | 6.35 | 3.18 | 2.8 | <0.05 | ○ | ○ | ○ |
| | VBGT110300MR-S | 11.2 | 6.35 | 3.18 | 2.8 | <0.05 | ● | ● | ● |
| | VBGT110301ML-S | 11.2 | 6.35 | 3.18 | 2.8 | <0.1 | ● | ○ | ○ |
| | VBGT110301MR-S | 11.2 | 6.35 | 3.18 | 2.8 | <0.1 | ● | ○ | ● |
| | VBGT110302ML-S | 11.2 | 6.35 | 3.18 | 2.8 | <0.2 | ● | ○ | ● |
| | VBGT110302MR-S | 11.2 | 6.35 | 3.18 | 2.8 | <0.2 | ● | ○ | ● |
| | VBGT110301L-S | 11.2 | 6.35 | 3.18 | 2.8 | 0.1 | | ● | |
| | VBGT110301R-S | 11.2 | 6.35 | 3.18 | 2.8 | 0.1 | | ● | |
| | VBGT110302L-S | 11.2 | 6.35 | 3.18 | 2.8 | 0.2 | | ● | |
| | VBGT110302R-S | 11.2 | 6.35 | 3.18 | 2.8 | 0.2 | | ● | |
| | VBGT110304L-S | 11.2 | 6.35 | 3.18 | 2.8 | 0.4 | | ● | |
| | VBGT110304R-S | 11.2 | 6.35 | 3.18 | 2.8 | 0.4 | | ● | |
| | VBGT160402L-S | 16.6 | 9.525 | 4.76 | 4.4 | 0.2 | | ○ | |
| | VBGT160402R-S | 16.6 | 9.525 | 4.76 | 4.4 | 0.2 | | ○ | |
| | VBGT160404L-S | 16.6 | 9.525 | 4.76 | 4.4 | 0.4 | | ● | |
| VBGT160404R-S | 16.6 | 9.525 | 4.76 | 4.4 | 0.4 | | ● | | |
| | VBGT110301M-AF | 11.2 | 6.35 | 3.18 | 2.8 | <0.1 | ● | | ○ |
| | | | | | | | | | |
| | | | | | | | | | |
| | VBGT110301M-BF | 11.2 | 6.35 | 3.18 | 2.8 | <0.1 | ● | | ● |
| | VBGT110302M-BF | 11.2 | 6.35 | 3.18 | 2.8 | <0.2 | ● | | ● |
| | | | | | | | | | |
| | VBGT110301M-BK | 11.2 | 6.35 | 3.18 | 2.8 | <0.1 | ● | | ● |
| | VBGT110302M-BK | 11.2 | 6.35 | 3.18 | 2.8 | <0.2 | ● | | ● |
| | VBGT110304M-BK | 11.2 | 6.35 | 3.18 | 2.8 | <0.4 | ● | | ● |
| | VBGT110302M-MM | 11.2 | 6.35 | 3.18 | 2.8 | <0.2 | ○ | | ○ |
| | VBGT110304M-MM | 11.2 | 6.35 | 3.18 | 2.8 | <0.4 | ● | | ○ |
| | | | | | | | | | |

● Available from stock, 7 days delivery. Please check availability.
○ Available to order.

Turning Insert (Positive)

VC

Rhombic 35°, with hole



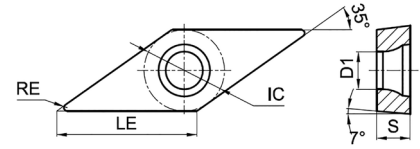
| Ordering Code | | Dimension (mm) | | | | | Grade | | |
|---------------|-----------------|----------------|-------|------|-----|-------|--------|--------|--------|
| | | LE | IC | S | D1 | RE | FA115P | FA120P | FA125P |
| | VCGT1103005ML-P | 11.2 | 6.35 | 3.18 | 2.8 | <0.05 | ○ | ○ | ○ |
| | VCGT1103005MR-P | 11.2 | 6.35 | 3.18 | 2.8 | <0.05 | ○ | ○ | ○ |
| | VCGT110301ML-P | 11.2 | 6.35 | 3.18 | 2.8 | <0.1 | ○ | ○ | ○ |
| | VCGT110301MR-P | 11.2 | 6.35 | 3.18 | 2.8 | <0.1 | ○ | ○ | ● |
| | VCGT1103003L-P | 11.2 | 6.35 | 3.18 | 2.8 | 0.03 | | ○ | |
| | VCGT1103003R-P | 11.2 | 6.35 | 3.18 | 2.8 | 0.03 | | ○ | |
| | VCGT110301L-P | 11.2 | 6.35 | 3.18 | 2.8 | 0.1 | | ○ | |
| | VCGT110301R-P | 11.2 | 6.35 | 3.18 | 2.8 | 0.1 | | ○ | |
| | VCGT110302L-P | 11.2 | 6.35 | 3.18 | 2.8 | 0.2 | | ○ | |
| | VCGT110302R-P | 11.2 | 6.35 | 3.18 | 2.8 | 0.2 | | ○ | |
| | VCGT110304L-P | 11.2 | 6.35 | 3.18 | 2.8 | 0.4 | | ○ | |
| | VCGT110304R-P | 11.2 | 6.35 | 3.18 | 2.8 | 0.4 | | ○ | |
| | VCGT1103005MR-G | 16.6 | 9.525 | 4.76 | 2.8 | <0.05 | ● | ● | ● |
| | VCGT110302R-G | 16.6 | 9.525 | 4.76 | 2.8 | 0.2 | | ○ | |
| | | | | | | | | | |
| | VCGT1103005ML-S | 11.2 | 6.35 | 3.18 | 2.8 | <0.05 | ○ | ○ | ○ |
| | VCGT1103005MR-S | 11.2 | 6.35 | 3.18 | 2.8 | <0.05 | ○ | ○ | ○ |
| | VCGT1103003R-S | 11.2 | 6.35 | 3.18 | 2.8 | 0.03 | | ○ | |
| | VCGT110301L-S | 11.2 | 6.35 | 3.18 | 2.8 | 0.1 | | ● | |
| | VCGT110301R-S | 11.2 | 6.35 | 3.18 | 2.8 | 0.1 | | ● | |
| | VCGT110302L-S | 11.2 | 6.35 | 3.18 | 2.8 | 0.2 | | ○ | |
| | VCGT110302R-S | 11.2 | 6.35 | 3.18 | 2.8 | 0.2 | | ● | |





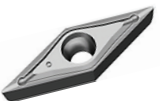
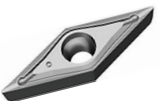
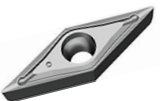


- Available from stock, 7 days delivery. Please check availability.
- Available to order.

Turning Insert (Positive)

VC

Rhombic 35°, with hole



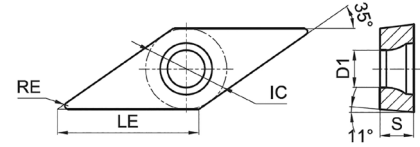
| Ordering Code | Dimension (mm) | | | | | Grade | | |
|--|----------------|------|------|-----|------|--------|--------|--------|
| | LE | IC | S | D1 | RE | FA115P | FA120P | FA125P |
|  VCGT110301M-AF | 11.2 | 6.35 | 3.18 | 2.8 | <0.1 | ● | | ● |
|  VCGT080202M-BF | 8.3 | 4.76 | 2.38 | 2.3 | <0.2 | ● | | ● |
|  VCGT110301M-BF | 11.2 | 6.35 | 3.18 | 2.8 | <0.1 | ● | | ● |
|  VCGT110302M-BF | 11.2 | 6.35 | 3.18 | 2.8 | <0.2 | ● | | ● |
|  VCGT110301M-BK | 11.2 | 6.35 | 3.18 | 2.8 | <0.1 | ● | | ● |
|  VCGT110302M-BK | 11.2 | 6.35 | 3.18 | 2.8 | <0.2 | ● | | ● |
|  VCGT110304M-BK | 11.2 | 6.35 | 3.18 | 2.8 | <0.4 | ● | | ● |
|  VCGT110302M-MM | 11.2 | 6.35 | 3.18 | 2.8 | <0.2 | ● | | ● |
|  VCGT110304M-MM | 11.2 | 6.35 | 3.18 | 2.8 | <0.4 | ● | | ● |

- Available from stock, 7 days delivery. Please check availability.
- Available to order.

Turning Insert (Positive)

VP

Rhombic 35°, with hole



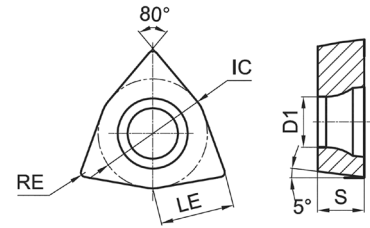
| Ordering Code | | Dimension (mm) | | | | | Grade | | |
|---------------|-----------------|----------------|------|------|-----|-------|--------|--------|--------|
| | | LE | IC | S | D1 | RE | FA115P | FA120P | FA125P |
| | VPGT1103005ML-P | 11.2 | 6.35 | 3.18 | 2.8 | <0.05 | ○ | ○ | ○ |
| | VPGT1103005MR-P | 11.2 | 6.35 | 3.18 | 2.8 | <0.05 | ● | ○ | ○ |
| | VPGT110301ML-P | 11.2 | 6.35 | 3.18 | 2.8 | <0.1 | ○ | ○ | ○ |
| | VPGT110301MR-P | 11.2 | 6.35 | 3.18 | 2.8 | <0.1 | ● | ○ | ● |
| | VPGT110302ML-P | 11.2 | 6.35 | 3.18 | 2.8 | <0.2 | ○ | ○ | ○ |
| | VPGT110302MR-P | 11.2 | 6.35 | 3.18 | 2.8 | <0.2 | ● | ○ | ● |
| | VPGT1103003L-P | 11.2 | 6.35 | 3.18 | 2.8 | 0.03 | | ○ | |
| | VPGT1103003R-P | 11.2 | 6.35 | 3.18 | 2.8 | 0.03 | | ● | |
| | VPGT110301L-P | 11.2 | 6.35 | 3.18 | 2.8 | 0.1 | | ○ | |
| | VPGT110301R-P | 11.2 | 6.35 | 3.18 | 2.8 | 0.1 | | ● | |
| | VPGT110302L-P | 11.2 | 6.35 | 3.18 | 2.8 | 0.2 | | ● | |
| | VPGT110302R-P | 11.2 | 6.35 | 3.18 | 2.8 | 0.2 | | ● | |
| | VPGT1103005ML-G | 11.2 | 6.35 | 3.18 | 2.8 | <0.05 | ○ | ○ | ○ |
| | VPGT1103005MR-G | 11.2 | 6.35 | 3.18 | 2.8 | <0.05 | ○ | ○ | ○ |
| | VPGT110301L-G | 11.2 | 6.35 | 3.18 | 2.8 | 0.1 | | ○ | |
| | VPGT110301R-G | 11.2 | 6.35 | 3.18 | 2.8 | 0.1 | | ● | |
| | VPGT110302R-G | 11.2 | 6.35 | 3.18 | 2.8 | 0.2 | ● | ● | ● |

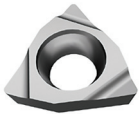
- Available from stock, 7 days delivery. Please check availability.
- Available to order.

Turning Insert (Positive)

WB

Hexagon 80°, with hole



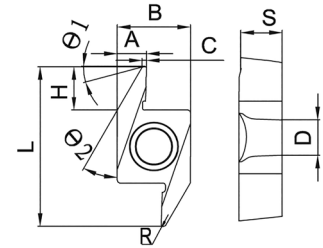
| Ordering Code | | Dimension (mm) | | | | | Grade | | |
|---|---------------|----------------|------|------|-----|-----|--------|--------|--------|
| | | LE | IC | S | D1 | RE | FA115P | FA120P | FA125P |
|  | WBGTO20101L-P | 2.5 | 3.97 | 1.62 | 2.3 | 0.1 | | ○ | |
| | WBGTO20102L-P | 2.5 | 3.97 | 1.62 | 2.3 | 0.2 | | ● | |
| | WBGTO20104L-P | 2.5 | 3.97 | 1.62 | 2.3 | 0.4 | | ● | |
| | WBGTL30202L-P | 3.2 | 4.76 | 2.38 | 2.3 | 0.2 | | ○ | |
| | WBGTL30204L-P | 3.2 | 4.76 | 2.38 | 2.3 | 0.4 | | ○ | |

- Available from stock, 7 days delivery. Please check availability.
- Available to order.

Back Turning Inserts

GSAB

Back Turning Inserts

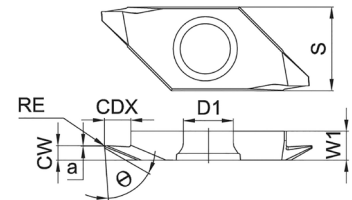


| Ordering Code | | Dimension (mm) | | | | | | | | | | Grade | | |
|---------------|-----------------|----------------|-----|------|-----|-----|------|-------|------|-----|-----|--------|--------|--------|
| | | A | B | C | D | H | L | R | S | Ø1 | Ø2 | FA115P | FA120P | FA125P |
| | GSAB15R4025005 | 2.8 | 7.0 | 0.4 | 3.4 | 4.3 | 15.5 | 0.05 | 3.97 | 15° | 30° | ● | ● | ● |
| | GSAB15R4025005M | 2.8 | 7.0 | 0.4 | 3.4 | 4.3 | 15.5 | <0.05 | 3.97 | 15° | 30° | ● | ● | ● |
| | GSAB15R4025015 | 2.8 | 7.0 | 0.4 | 3.4 | 4.2 | 15.4 | 0.15 | 3.97 | 15° | 30° | ● | ● | ● |
| | GSAB15R4025015M | 2.8 | 7.0 | 0.4 | 3.4 | 4.2 | 15.4 | <0.15 | 3.97 | 15° | 30° | ● | ● | ● |
| | GSAB15R4045005 | 4.7 | 7.0 | 0.65 | 3.4 | 4.3 | 15.5 | 0.05 | 3.97 | 15° | 45° | ○ | ● | ○ |
| | GSAB15R4045005M | 4.7 | 7.0 | 0.65 | 3.4 | 4.3 | 15.5 | <0.05 | 3.97 | 15° | 45° | ○ | ● | ○ |
| | GSAB15R4045015 | 4.7 | 7.0 | 0.65 | 3.4 | 4.2 | 15.4 | 0.15 | 3.97 | 15° | 45° | ● | ● | ○ |
| | GSAB15R4045015M | 4.7 | 7.0 | 0.65 | 3.4 | 4.2 | 15.4 | <0.15 | 3.97 | 15° | 45° | ● | ● | ○ |
| | GSAB23R5045005 | 4.7 | 7.0 | 0.55 | 3.4 | 5.3 | 23.5 | 0.05 | 3.97 | 15° | 40° | ○ | ● | ○ |
| | GSAB23R5045005M | 4.7 | 7.0 | 0.55 | 3.4 | 5.3 | 23.5 | <0.05 | 3.97 | 15° | 40° | ○ | ● | ○ |
| | GSAB23R5045015 | 4.7 | 7.0 | 0.55 | 3.4 | 5.2 | 23.4 | 0.15 | 3.97 | 15° | 40° | ● | ● | ○ |
| | GSAB23R5045015M | 4.7 | 7.0 | 0.55 | 3.4 | 5.2 | 23.4 | <0.15 | 3.97 | 15° | 40° | ● | ● | ○ |

- Available from stock, 7 days delivery. Please check availability.
- Available to order.

GSTB

Back Turning Inserts



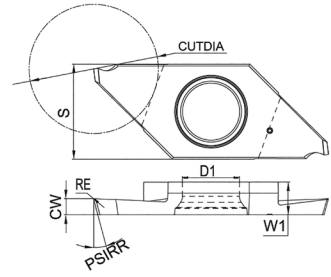
| Ordering Code | | Dimension (mm) | | | | | | | | Grade | | |
|---------------|--------------|----------------|-----|------|-----|-------|-----|-----|-----|--------|--------|--------|
| | | CW | CDX | a | Ø | RE | D1 | W1 | S | FA115P | FA120P | FA125P |
| | GSTB3R15005M | 1.5 | 2.7 | 0.25 | 56° | <0.05 | 5.2 | 3.0 | 8.7 | ● | ● | ○ |
| | GSTB3R15010M | 1.5 | 2.7 | 0.25 | 56° | <0.10 | 5.2 | 3.0 | 8.7 | ○ | ● | ○ |
| | GSTB3R28005M | 2.8 | 4.6 | 0.3 | 56° | <0.05 | 5.2 | 3.0 | 8.7 | ● | ○ | ○ |
| | GSTB3R28010M | 2.8 | 4.6 | 0.3 | 56° | <0.10 | 5.2 | 3.0 | 8.7 | ○ | ● | ○ |
| | GSTB4R38005M | 3.8 | 6.3 | 0.3 | 56° | <0.05 | 5.2 | 4.0 | 9.5 | ● | ○ | ○ |
| | GSTB4R38010M | 3.8 | 6.3 | 0.3 | 56° | <0.10 | 5.2 | 4.0 | 9.5 | ● | ○ | ○ |

- Available from stock, 7 days delivery. Please check availability.
- Available to order.

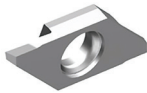
Parting and Grooving Inserts

GSTC

Parting Inserts



| Ordering Code | Dimension (mm) | | | | | | | Grade | |
|----------------|----------------|--------|----|----|-----|----|-------|--------|--------|
| | CW | CUTDIA | RE | W1 | S | D1 | PSIRR | FA115P | FA125P |
| GSTC3L100N-N | 1 | 12 | 0 | 3 | 8.7 | 5 | 0° | ○ | ○ |
| GSTC3R100N-N | 1 | 12 | 0 | 3 | 8.7 | 5 | 0° | ○ | ○ |
| GSTC3L150N-N | 1.5 | 12 | 0 | 3 | 8.7 | 5 | 0° | ○ | ○ |
| GSTC3R150N-N | 1.5 | 12 | 0 | 3 | 8.7 | 5 | 0° | ○ | ○ |
| GSTC3L200N-N | 2 | 12 | 0 | 3 | 8.7 | 5 | 0° | ○ | ○ |
| GSTC3R200N-N | 2 | 12 | 0 | 3 | 8.7 | 5 | 0° | ○ | ○ |
| GSTC3L100R20-N | 1 | 12 | 0 | 3 | 8.7 | 5 | 20° | ○ | ○ |
| GSTC3R100R20-N | 1 | 12 | 0 | 3 | 8.7 | 5 | 20° | ○ | ○ |
| GSTC3L150R20-N | 1.5 | 12 | 0 | 3 | 8.7 | 5 | 20° | ○ | ○ |
| GSTC3R150R20-N | 1.5 | 12 | 0 | 3 | 8.7 | 5 | 20° | ○ | ○ |
| GSTC3L200R20-N | 2 | 12 | 0 | 3 | 8.7 | 5 | 20° | ○ | ○ |
| GSTC3R200R20-N | 2 | 12 | 0 | 3 | 8.7 | 5 | 20° | ○ | ○ |
| GSTC4L150N-N | 1.5 | 16 | 0 | 3 | 9.5 | 5 | 0° | ○ | ○ |
| GSTC4R150N-N | 1.5 | 16 | 0 | 3 | 9.5 | 5 | 0° | ○ | ○ |
| GSTC4L200N-N | 2 | 16 | 0 | 3 | 9.5 | 5 | 0° | ○ | ○ |
| GSTC4R200N-N | 2 | 16 | 0 | 3 | 9.5 | 5 | 0° | ○ | ○ |
| GSTC4L150R20-N | 1.5 | 16 | 0 | 3 | 9.5 | 5 | 20° | ○ | ○ |
| GSTC4R150R20-N | 1.5 | 16 | 0 | 3 | 9.5 | 5 | 20° | ○ | ○ |
| GSTC4L200R20-N | 2 | 16 | 0 | 3 | 9.5 | 5 | 20° | ○ | ○ |
| GSTC4R200R20-N | 2 | 16 | 0 | 3 | 9.5 | 5 | 20° | ○ | ○ |

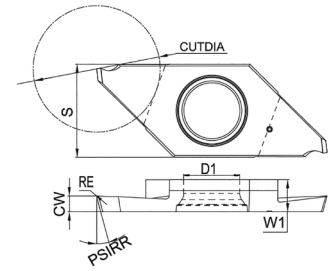


- Available from stock, 7 days delivery. Please check availability.
- Available to order.

Parting and Grooving Inserts

GSTC

Parting Inserts



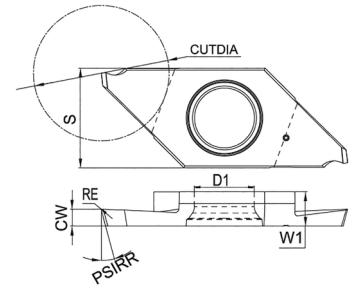
| Ordering Code | Dimension (mm) | | | | | | | | Grade | |
|----------------|----------------|--------|------|----|-----|----|-------|--------|--------|--|
| | CW | CUTDIA | RE | W1 | S | D1 | PSIRR | FA115P | FA125P | |
| GSTC3L100N-T | 1 | 12 | 0.08 | 3 | 8.7 | 5 | 0° | ○ | ● | |
| GSTC3R100N-T | 1 | 12 | 0.08 | 3 | 8.7 | 5 | 0° | ● | ● | |
| GSTC3L150N-T | 1.5 | 12 | 0.08 | 3 | 8.7 | 5 | 0° | ○ | ● | |
| GSTC3R150N-T | 1.5 | 12 | 0.08 | 3 | 8.7 | 5 | 0° | ● | ○ | |
| GSTC3L200N-T | 2 | 12 | 0.08 | 3 | 8.7 | 5 | 0° | ○ | ○ | |
| GSTC3R200N-T | 2 | 12 | 0.08 | 3 | 8.7 | 5 | 0° | ● | ○ | |
| GSTC3L100R16-T | 1 | 12 | 0.08 | 3 | 8.7 | 5 | 16° | ○ | ● | |
| GSTC3R100R16-T | 1 | 12 | 0.08 | 3 | 8.7 | 5 | 16° | ● | ● | |
| GSTC3L150R16-T | 1.5 | 12 | 0.08 | 3 | 8.7 | 5 | 16° | ○ | ○ | |
| GSTC3R150R16-T | 1.5 | 12 | 0.08 | 3 | 8.7 | 5 | 16° | ● | ● | |
| GSTC3L200R16-T | 2 | 12 | 0.08 | 3 | 8.7 | 5 | 16° | ○ | ○ | |
| GSTC3R200R16-T | 2 | 12 | 0.08 | 3 | 8.7 | 5 | 16° | ● | ○ | |
| GSTC4L150N-T | 1.5 | 16 | 0.08 | 4 | 9.5 | 5 | 0° | ○ | ○ | |
| GSTC4R150N-T | 1.5 | 16 | 0.08 | 4 | 9.5 | 5 | 0° | ● | ○ | |
| GSTC4L200N-T | 2 | 16 | 0.08 | 4 | 9.5 | 5 | 0° | ○ | ○ | |
| GSTC4R200N-T | 2 | 16 | 0.08 | 4 | 9.5 | 5 | 0° | ○ | ○ | |
| GSTC4L150R16-T | 1.5 | 16 | 0.08 | 4 | 9.5 | 5 | 16° | ○ | ○ | |
| GSTC4R150R16-T | 1.5 | 16 | 0.08 | 4 | 9.5 | 5 | 16° | ○ | ○ | |
| GSTC4L200R16-T | 2 | 16 | 0.08 | 4 | 9.5 | 5 | 16° | ○ | ○ | |
| GSTC4R200R16-T | 2 | 16 | 0.08 | 4 | 9.5 | 5 | 16° | ○ | ● | |

● Available from stock, 7 days delivery. Please check availability.
○ Available to order.

Parting and Grooving Inserts

GSTC

Parting Inserts



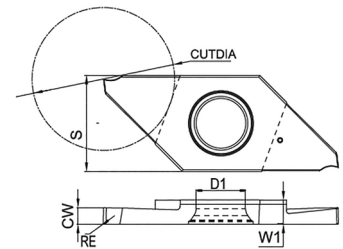
| Ordering Code | | Dimension (mm) | | | | | | | Grade | |
|---------------|----------------|----------------|--------|------|----|-----|----|-------|--------|--------|
| | | CW | CUTDIA | RE | W1 | S | D1 | PSIRR | FA115P | FA125P |
| | GSTC3L100N-U | 1 | 12 | 0.03 | 3 | 8.7 | 5 | 0° | ○ | ○ |
| | GSTC3R100N-U | 1 | 16 | 0.03 | 3 | 8.7 | 5 | 0° | ● | ○ |
| | GSTC3L125N-U | 1.25 | 12 | 0.03 | 3 | 8.7 | 5 | 0° | ○ | ● |
| | GSTC3R125N-U | 1.25 | 16 | 0.03 | 3 | 8.7 | 5 | 0° | ○ | ● |
| | GSTC3L150N-U | 1.5 | 12 | 0.03 | 3 | 8.7 | 5 | 0° | ● | ○ |
| | GSTC3R150N-U | 1.5 | 12 | 0.03 | 3 | 8.7 | 5 | 0° | ● | ● |
| | GSTC3L200N-U | 2 | 12 | 0.03 | 3 | 8.7 | 5 | 0° | ○ | ○ |
| | GSTC3R200N-U | 2 | 12 | 0.03 | 3 | 8.7 | 5 | 0° | ● | ● |
| | GSTC3L100R16-U | 1 | 12 | 0.03 | 3 | 8.7 | 5 | 16° | ● | ● |
| | GSTC3R100R16-U | 1 | 16 | 0.03 | 3 | 8.7 | 5 | 16° | ● | ● |
| | GSTC3L125R16-U | 1.25 | 12 | 0.03 | 3 | 8.7 | 5 | 16° | ○ | ○ |
| | GSTC3R125R16-U | 1.25 | 16 | 0.03 | 3 | 8.7 | 5 | 16° | ○ | ● |
| | GSTC3L150R16-U | 1.5 | 12 | 0.03 | 3 | 8.7 | 5 | 16° | ○ | ○ |
| | GSTC3R150R16-U | 1.5 | 12 | 0.03 | 3 | 8.7 | 5 | 16° | ● | ○ |
| | GSTC3L200R16-U | 2 | 12 | 0.03 | 3 | 8.7 | 5 | 16° | ○ | ○ |
| | GSTC3R200R16-U | 2 | 12 | 0.03 | 3 | 8.7 | 5 | 16° | ● | ● |
| | GSTC4L150N-U | 1.5 | 16 | 0.05 | 4 | 9.5 | 5 | 0° | ● | ○ |
| | GSTC4R150N-U | 1.5 | 16 | 0.05 | 4 | 9.5 | 5 | 0° | ● | ● |
| | GSTC4L200N-U | 2 | 16 | 0.05 | 4 | 9.5 | 5 | 0° | ○ | ○ |
| | GSTC4R200N-U | 2 | 16 | 0.05 | 4 | 9.5 | 5 | 0° | ○ | ○ |
| | GSTC4L150R16-U | 1.5 | 16 | 0.05 | 4 | 9.5 | 5 | 16° | ○ | ○ |
| | GSTC4R150R16-U | 1.5 | 16 | 0.05 | 4 | 9.5 | 5 | 16° | ● | ○ |
| | GSTC4L200R16-U | 2 | 16 | 0.05 | 4 | 9.5 | 5 | 16° | ● | ○ |
| | GSTC4R200R16-U | 2 | 16 | 0.05 | 4 | 9.5 | 5 | 16° | ● | ○ |

● Available from stock, 7 days delivery. Please check availability.
○ Available to order.

Parting and Grooving Inserts

GSTS

Parting Inserts

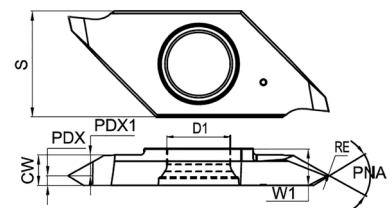


| Ordering Code | Dimension (mm) | | | | | | | Grade | | |
|---------------|----------------|--------|----|------|-----|-----|-------|--------|--------|---|
| | CW | CUTDIA | RE | W1 | S | D1 | PSIRR | FA115P | FA125P | |
| | GSTSA2L100N-U | 1 | 6 | 0.05 | 2.2 | 8.7 | 4.4 | 0° | ● | ● |
| | GSTSA2R100N-U | 1 | 6 | 0.05 | 2.2 | 8.7 | 4.4 | 0° | ○ | ○ |
| | GSTSA2L150N-U | 1.5 | 9 | 0.05 | 2.2 | 8.7 | 4.4 | 0° | ● | ○ |
| | GSTSA2R150N-U | 1.5 | 9 | 0.05 | 2.2 | 8.7 | 4.4 | 0° | ○ | ● |
| | GSTSA2L200N-U | 2 | 12 | 0.05 | 2.2 | 8.7 | 4.4 | 0° | ○ | ○ |
| | GSTSA2R200N-U | 2 | 12 | 0.05 | 2.2 | 8.7 | 4.4 | 0° | ○ | ○ |
| | GSTSB2L150N-U | 1.5 | 14 | 0.05 | 2.2 | 9.5 | 4.4 | 0° | ○ | ○ |
| | GSTSB2R150N-U | 1.5 | 14 | 0.05 | 2.2 | 9.5 | 4.4 | 0° | ○ | ○ |
| | GSTSB2L200N-U | 2 | 16 | 0.05 | 2.2 | 9.5 | 4.4 | 0° | ○ | ○ |
| | GSTSB2R200N-U | 2 | 16 | 0.05 | 2.2 | 9.5 | 4.4 | 0° | ○ | ○ |

- Available from stock, 7 days delivery. Please check availability.
- Available to order.

GSTT

Threading Inserts

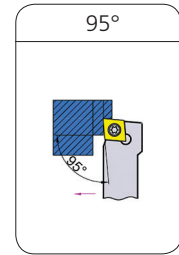
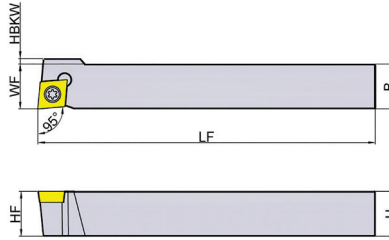
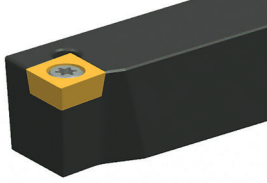


| Ordering Code | Dimension (mm) | | | | | | | | | Grade | | |
|---------------|----------------|----------|----|-----|-----|-----|------|------|------|--------|--------|---|
| | mm | W1 | CW | S | D1 | RE | PDX | PDX1 | PNA | FA115P | FA125P | |
| | GSTT3LA6000 | 0.2~0.6 | 3 | 2.5 | 8.7 | 5.2 | - | 2.1 | 0.4 | 60° | ○ | ○ |
| | GSTT3LB6000 | 0.2~0.6 | 3 | 2.5 | 8.7 | 5.2 | - | 0.4 | 2.1 | 60° | ○ | ○ |
| | GSTT3LA60005 | 0.5~1.25 | 3 | 2.5 | 8.7 | 5.2 | 0.05 | 1.7 | 0.8 | 60° | ○ | ○ |
| | GSTT3LB60005 | 0.5~1.25 | 3 | 2.5 | 8.7 | 5.2 | 0.05 | 0.8 | 1.7 | 60° | ○ | ○ |
| | GSTT3LN6001 | 1~1.5 | 3 | 2.5 | 8.7 | 5.2 | 0.1 | 1.25 | 1.25 | 60° | ○ | ● |
| | GSTT3LA55005 | - | 3 | 2.5 | 8.7 | 5.2 | 0.05 | 1.7 | 0.8 | 55° | ○ | ○ |
| | GSTT3LB55005 | - | 3 | 2.5 | 8.7 | 5.2 | 0.05 | 0.8 | 1.7 | 55° | ○ | ○ |
| | GSTT3RA6000 | 0.2~0.6 | 3 | 2.5 | 8.7 | 5.2 | - | 0.4 | 2.1 | 60° | ○ | ● |
| | GSTT3RB6000 | 0.2~0.6 | 3 | 2.5 | 8.7 | 5.2 | - | 2.1 | 0.4 | 60° | ○ | ○ |
| | GSTT3RA60005 | 0.5~1.25 | 3 | 2.5 | 8.7 | 5.2 | 0.05 | 0.8 | 1.7 | 60° | ○ | ● |
| | GSTT3RB60005 | 0.2~0.6 | 3 | 2.5 | 8.7 | 5.2 | 0.05 | 1.7 | 0.8 | 60° | ○ | ○ |
| | GSTT3RN6001 | 1~1.5 | 3 | 2.5 | 8.7 | 5.2 | 0.1 | 1.25 | 1.25 | 60° | ○ | ● |
| | GSTT3RA55005 | - | 3 | 2.5 | 8.7 | 5.2 | 0.05 | 0.8 | 1.7 | 55° | ○ | ○ |
| | GSTT3RB55005 | - | 3 | 2.5 | 8.7 | 5.2 | 0.05 | 1.7 | 0.8 | 55° | ○ | ○ |

- Available from stock, 7 days delivery. Please check availability.
- Available to order.

Turning Tool Holder for Small Parts - Unbiased Head (Positive)

SCLCR/L-Z

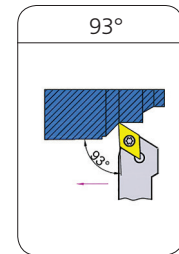
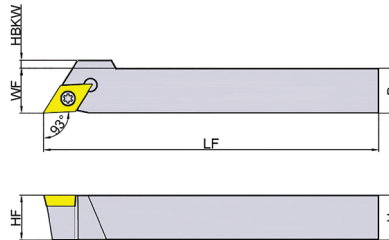
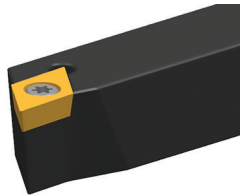


| Tool No | Dimension (mm) | | | | | | Insert | Screw | Wrench | Stock | |
|-----------------|----------------|----|-----|----|----|------|------------|-------------------|--------|-------|---|
| | H | B | LF | HF | WF | HBKW | | | | R | L |
| SCLCRL1010JK06Z | 10 | 10 | 120 | 10 | 10 | - | CC**0602** | SI60M025065-03509 | TT07P | ● | ● |
| SCLCRL1010JK09Z | 10 | 10 | 120 | 10 | 10 | 2.5 | CC**09T3** | SI60M040089-05313 | TT15P | ● | ● |
| SCLCRL1212JK09Z | 12 | 12 | 120 | 12 | 12 | - | CC**09T3** | SI60M040089-05313 | TT15P | ● | ● |
| SCLCRL1616JK09Z | 16 | 16 | 120 | 16 | 16 | - | CC**09T3** | SI60M040089-05313 | TT15P | ● | ● |

- Available from stock, 7 days delivery. Please check availability.
- Available to order.

Turning Tool Holder for Small Parts - Unbiased Head (Positive)

SDJCR/L-Z

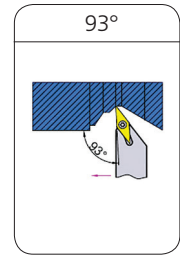
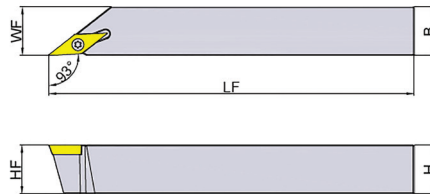
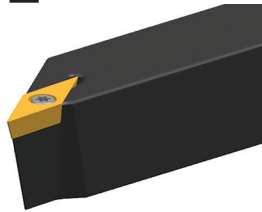


| Tool No | Dimension (mm) | | | | | | Insert | Screw | Wrench | Stock | |
|------------------|----------------|----|-----|----|----|------|------------|-------------------|--------|-------|---|
| | H | B | LF | HF | WF | HBKW | | | | R | L |
| SDJCR/L1010JK07Z | 10 | 10 | 120 | 10 | 10 | - | DC**0702** | SI60M025065-03509 | TT07P | ● | ● |
| SDJCR/L1010JK11Z | 10 | 10 | 120 | 10 | 10 | - | DC**11T3** | SI60M040089-05313 | TT15P | ● | ● |
| SDJCR/L1212JK11Z | 12 | 12 | 120 | 12 | 12 | - | DC**11T3** | SI60M040089-05313 | TT15P | ● | ● |
| SDJCR/L1616JK11Z | 16 | 16 | 120 | 16 | 16 | - | DC**11T3** | SI60M040089-05313 | TT15P | ● | ● |

- Available from stock, 7 days delivery. Please check availability.
- Available to order.

Turning Tool Holder for Small Parts - Unbiased Head (Positive)

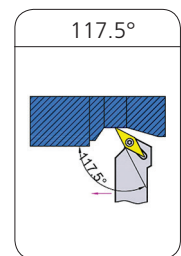
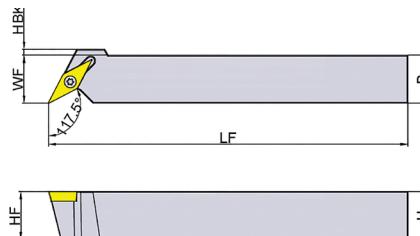
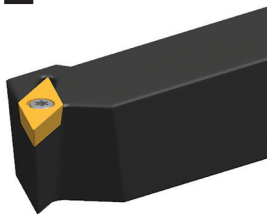
SVJ*R/L-Z



| Tool No | Dimension (mm) | | | | | | Insert | Screw | Wrench | Stock | |
|------------------|----------------|----|-----|----|----|------|------------|-------------------|--------|-------|---|
| | H | B | LF | HF | WF | HBKW | | | | R | L |
| SVJBR/L1010JK11Z | 10 | 10 | 120 | 10 | 10 | - | VB**1103** | SI60M025065-03509 | TT07P | ● | ● |
| SVJBR/L1212JK11Z | 12 | 12 | 120 | 12 | 12 | - | VB**1103** | SI60M025065-03509 | TT07P | ● | ● |
| SVJBR/L1616JK11Z | 16 | 16 | 120 | 16 | 16 | - | VB**1103** | SI60M025065-03509 | TT07P | ● | ● |
| SVJCR/L1010JK11Z | 10 | 10 | 120 | 10 | 10 | - | VC**1103** | SI60M025065-03509 | TT07P | ● | ● |
| SVJCR/L1212JK11Z | 12 | 12 | 120 | 12 | 12 | - | VC**1103** | SI60M025065-03509 | TT07P | ● | ● |
| SVJCR/L1616JK11Z | 16 | 16 | 120 | 16 | 16 | - | VC**1103** | SI60M025065-03509 | TT07P | ● | ● |
| SVJPR/L1212JK11Z | 12 | 12 | 120 | 12 | 12 | - | VP**1103** | SI60M025065-03509 | TT07P | ● | ● |
| SVJPR/L1616JK11Z | 16 | 16 | 120 | 16 | 16 | - | VP**1103** | SI60M025065-03509 | TT07P | ● | ● |

- Available from stock, 7 days delivery. Please check availability.
- Available to order.

SVQ*R-Z

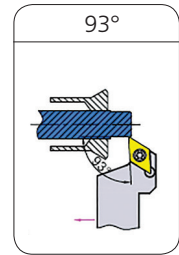
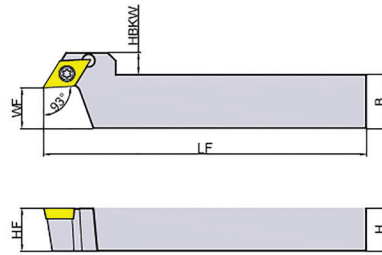
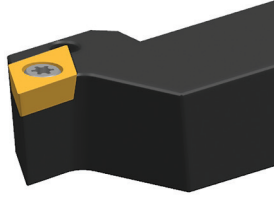


| Tool No | Dimension (mm) | | | | | | Insert | Screw | Wrench | Stock | |
|----------------|----------------|----|-----|----|----|------|------------|-------------------|--------|-------|---|
| | H | B | LF | HF | WF | HBKW | | | | R | L |
| SVQCR1010JK11Z | 10 | 10 | 120 | 10 | 10 | 8 | VC**1103** | SI60M025065-03509 | TT07P | ● | |
| SVQCR1212JK11Z | 12 | 12 | 120 | 12 | 12 | 6 | VC**1103** | SI60M025065-03509 | TT07P | ● | |
| SVQCR1616JK11Z | 16 | 16 | 120 | 16 | 16 | 2 | VC**1103** | SI60M025065-03509 | TT07P | ● | |
| SVQPR1010JK08Z | 10 | 10 | 120 | 10 | 10 | 4 | VP**0802** | SI60M020050-02704 | TT06P | ● | |
| SVQPR1010JK11Z | 10 | 10 | 120 | 10 | 10 | 8 | VP**1103** | SI60M025065-03509 | TT07P | ● | |
| SVQPR1212JK08Z | 12 | 12 | 120 | 12 | 12 | 2 | VP**0802** | SI60M020050-02704 | TT06P | ● | |
| SVQPR1212JK11Z | 12 | 12 | 120 | 12 | 12 | 6 | VP**1103** | SI60M025065-03509 | TT07P | ● | |
| SVQPR1616JK08Z | 16 | 16 | 120 | 16 | 16 | - | VP**0802** | SI60M020050-02704 | TT06P | ● | |
| SVQPR1616JK11Z | 16 | 16 | 120 | 16 | 16 | 2 | VP**1103** | SI60M025065-03509 | TT07P | ● | |

- Available from stock, 7 days delivery. Please check availability.
- Available to order.

Turning Tool Holder for Small Parts - Space Tool Holder (Positive)

SDJCR

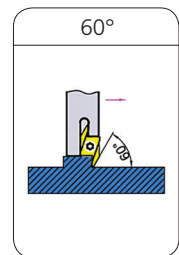
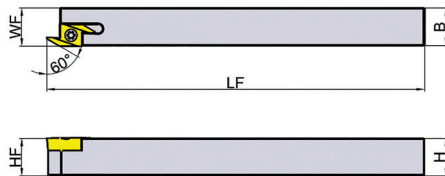
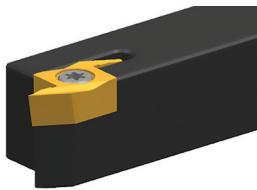


| Tool No | Dimension (mm) | | | | | | Insert | Screw | Wrench | Stock | |
|------------------|----------------|----|-----|----|----|------|------------|-------------------|--------|-------|---|
| | H | B | LF | HF | WF | HBKW | | | | R | L |
| SDJCR1216JK11F15 | 12 | 16 | 120 | 12 | 15 | 12.6 | DC**11T3** | SI60M040089-05313 | TT15P | ● | |
| SDJCR1620JK11F15 | 16 | 20 | 120 | 16 | 15 | 12.6 | DC**11T3** | SI60M040089-05313 | TT15P | ● | |

- Available from stock, 7 days delivery. Please check availability.
- Available to order.

Turning Tool Holder for Small Parts - Back Turning (GSAB)

SGSAB-4025F

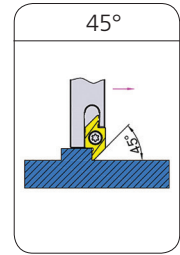
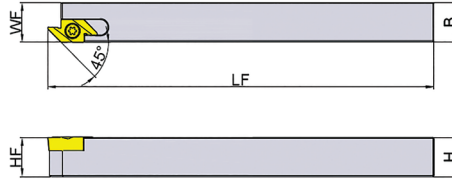
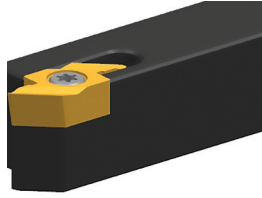


| Tool No | Dimension (mm) | | | | | | Insert | Screw | Wrench | Stock | |
|-------------------|----------------|----|-----|----|------|------|---------------|-------------------|--------|-------|---|
| | H | B | LF | HF | WF | HBKW | | | | R | L |
| SGSABR1010JK4025F | 10 | 10 | 120 | 10 | 10.2 | - | GSAB15R4025** | SI60M030072-04210 | TT09P | ● | |
| SGSABR1212JK4025F | 12 | 12 | 120 | 12 | 12.2 | - | GSAB15R4025** | SI60M030072-04210 | TT09P | ● | |
| SGSABR1616JK4025F | 16 | 16 | 120 | 16 | 16.2 | - | GSAB15R4025** | SI60M030072-04210 | TT09P | ● | |

- Available from stock, 7 days delivery. Please check availability.
- Available to order.

Turning Tool Holder for Small Parts - Back Turning

SGSAB-4045F

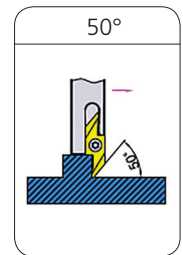
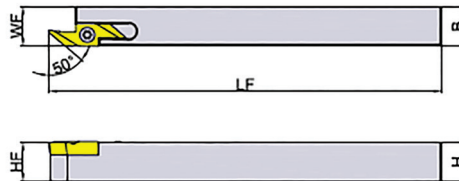
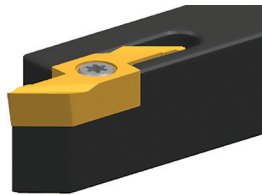


| Tool No | Dimension (mm) | | | | | | Insert | Screw | Wrench | Stock | |
|-------------------|----------------|----|-----|----|------|------|---------------|-------------------|--------|-------|---|
| | H | B | LF | HF | WF | HBKW | | | | R | L |
| SGSABR1010JK4045F | 10 | 10 | 120 | 10 | 10.2 | - | GSAB15R4045** | SI60M030072-04210 | TT09P | ● | |
| SGSABR1212JK4045F | 12 | 12 | 120 | 12 | 12.2 | - | GSAB15R4045** | SI60M030072-04210 | TT09P | ● | |
| SGSABR1616JK4045F | 16 | 16 | 120 | 16 | 16.2 | - | GSAB15R4045** | SI60M030072-04210 | TT09P | ● | |

- Available from stock, 7 days delivery. Please check availability.
- Available to order.

Turning Tool Holder for Small Parts - Back Turning

SGSAB-5045F

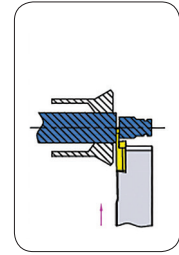
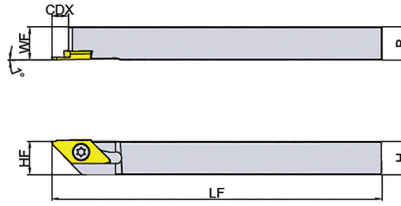
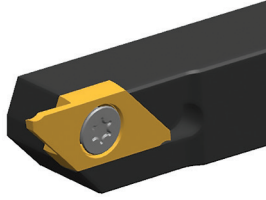


| Tool No | Dimension (mm) | | | | | | Insert | Screw | Wrench | Stock | |
|-------------------|----------------|----|-----|----|------|------|---------------|-------------------|--------|-------|---|
| | H | B | LF | HF | WF | HBKW | | | | R | L |
| SGSABR1010JK5045F | 10 | 10 | 120 | 10 | 10.2 | - | GSAB23R5045** | SI60M030072-04210 | TT09P | ● | |
| SGSABR1212JK5045F | 12 | 12 | 120 | 12 | 12.2 | - | GSAB23R5045** | SI60M030072-04210 | TT09P | ● | |
| SGSABR1616JK5045F | 16 | 16 | 120 | 16 | 16.2 | - | GSAB23R5045** | SI60M030072-04210 | TT09P | ● | |

- Available from stock, 7 days delivery. Please check availability.
- Available to order.

Turning Tool Holder for Small Parts - Back Turning/Grooving and Parting/ Treading (GST)

GST

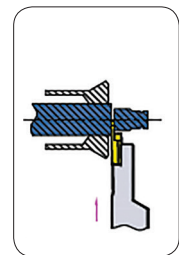
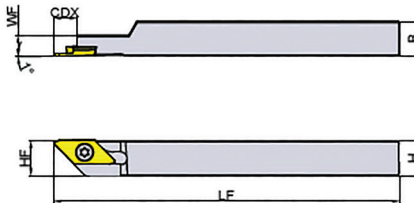
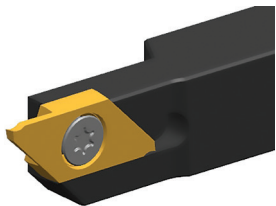


| Tool No | Dimension (mm) | | | | | | Insert | Screw | Wrench | Stock | |
|-------------|----------------|----|-----|----|----|-----|----------|------------|--------|-------|---|
| | H | B | LF | HF | WF | CDX | | | | R | L |
| GSTR1010JK3 | 10 | 10 | 120 | 10 | 10 | 6 | GST*3R** | SSAM045095 | TT10P | ● | |
| GSTR1010JK4 | 10 | 10 | 120 | 10 | 10 | 8 | GST*4R** | SSAM045095 | TT10P | ● | |
| GSTR1212JK3 | 12 | 12 | 120 | 12 | 12 | 6 | GST*3R** | SSAM045095 | TT10P | ● | |
| GSTR1212JK4 | 12 | 12 | 120 | 12 | 12 | 8 | GST*4R** | SSAM045095 | TT10P | ● | |
| GSTR1616JK3 | 16 | 16 | 120 | 16 | 16 | 6 | GST*3R** | SSAM045095 | TT10P | ● | |
| GSTR1616JK4 | 16 | 16 | 120 | 16 | 16 | 8 | GST*4R** | SSAM045095 | TT10P | ● | |
| GSTR2020JK3 | 20 | 20 | 120 | 20 | 20 | 6 | GST*3R** | SSAM045095 | TT10P | ● | |
| GSTR2020JK4 | 20 | 20 | 120 | 20 | 20 | 8 | GST*4R** | SSAM045095 | TT10P | ● | |

- Available from stock, 7 days delivery. Please check availability.
- Available to order.

Turning Tool Holder for Small Parts - Back Turning/Grooving and Parting/ Treading (GST-RS)

GST-RS

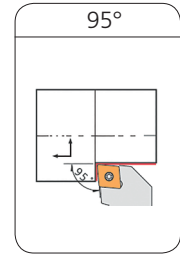
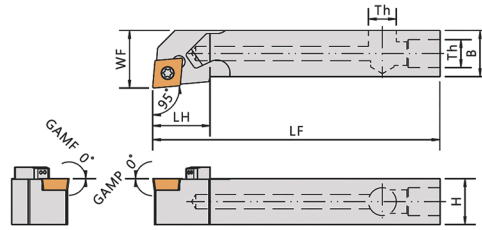


| Tool No | Dimension (mm) | | | | | | Insert | Screw | Wrench | Stock | |
|----------------|----------------|----|-----|----|-----|-----|----------|------------|--------|-------|---|
| | H | B | LF | HF | WF | CDX | | | | R | L |
| GSTR1010JK3-RS | 10 | 10 | 120 | 10 | 7.2 | - | GST*3R** | SSAM045070 | TT10P | ● | |
| GSTR1212JK3-RS | 12 | 12 | 120 | 12 | 7.2 | - | GST*3R** | SSAM045070 | TT10P | ● | |
| GSTR1010JK4-RS | 10 | 10 | 120 | 10 | 7.2 | - | GST*4R** | SSAM045070 | TT10P | ● | |
| GSTR1212JK4-RS | 12 | 12 | 120 | 12 | 7.2 | - | GST*4R** | SSAM045070 | TT10P | ● | |

- Available from stock, 7 days delivery. Please check availability.
- Available to order.

Through Coolant Turning Tool Holders

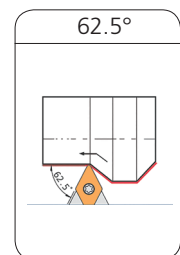
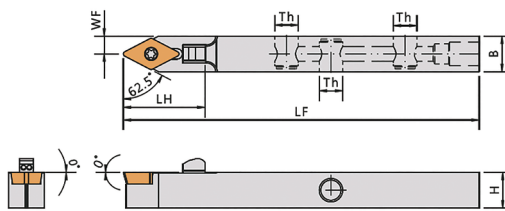
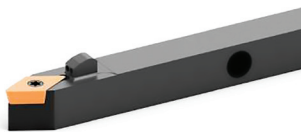
ASCLC



| Tool No | Dimension (mm) | | | | | | Insert | Insert Screw | Coolant Plug | Adapter | Wrench |
|----------------|----------------|----|-----|----|----|-------|----------|--------------|-------------------|---------|----------------|
| | H | B | LF | LH | WF | Th | | | | | |
| ASCLCR-1212H09 | 12 | 12 | 100 | 20 | 16 | 5/16" | CCMT09T3 | CS35090 | CS9NN CS9-4004 | - | FT-15 LW040 |
| ASCLCR-1616H09 | 16 | 16 | 100 | 20 | 20 | 1/8" | | | | | |

Through Coolant Turning Tool Holders

ASDNC



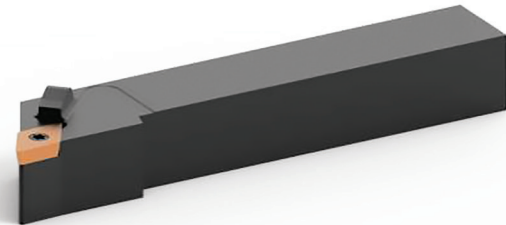
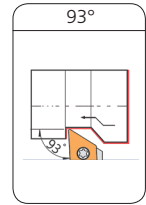
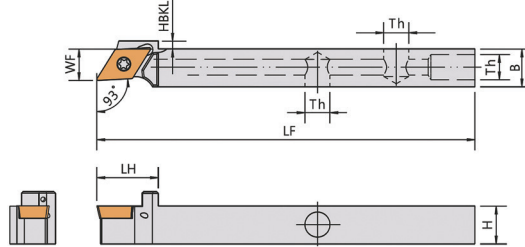
| Tool No | Dimension (mm) | | | | | | Insert | Insert Screw | Coolant Plug | Adapter | Wrench |
|-----------------|----------------|----|-----|------|----|-------|----------|--------------|-------------------|---------|----------------|
| | H | B | LF | LH | WF | Th | | | | | |
| ASDNCN-1212H11A | 12 | 12 | 100 | 27.5 | 6 | 5/16" | DCMT11T3 | CS35119S | CS9NN CS9-4004 | AA-NP | FT-15 LW040 |

Through Coolant Turning Tool Holders

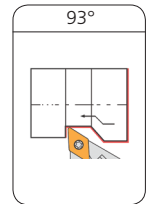
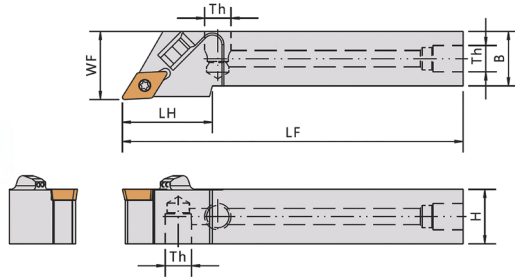
ASDJC



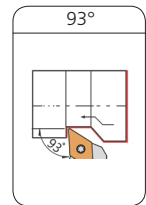
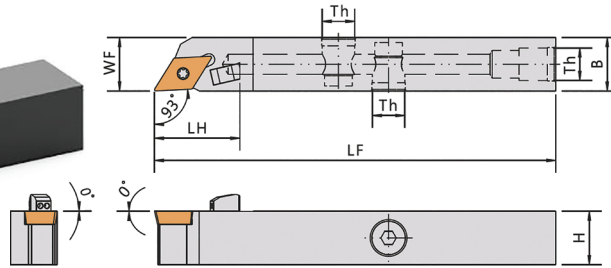
ASDJC-N



ASDJC-A



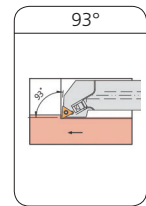
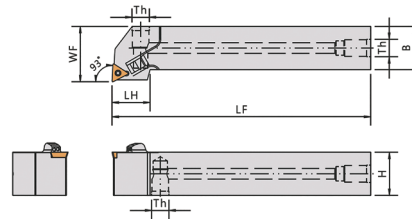
ASDJC-NA



| Tool No | Dimension (mm) | | | | | | | Insert | Insert Screw | Coolant Plug | Adapter | Wrench | | |
|---------------------|----------------|----|-----|------|----|------|-------|----------|--------------|-------------------|-------------------|--------|-------|---|
| | H | B | LF | LH | WF | HBKL | Th | | | | | | | |
| ASDJCR-1212H11N | 12 | 12 | 100 | 24 | 12 | 3 | 5/16" | DCMT11T3 | CS35119S | CS9NN CS9-4004 | AA-NP | FT-15 | LW040 | |
| ASDJCR-1212H11-F10 | 12 | 12 | 100 | 19.5 | 10 | 4 | 5/16" | | | CS9NN CS9-3003 | | | | |
| ASDJCR/L-1212JX11NA | 12 | 12 | 120 | 19.5 | 10 | 4 | 5/16" | | | CS9NN CS9-4004 | | | | |
| ASDJCR-1616H11N | 16 | 16 | 100 | 24 | 16 | - | 1/8" | | | CS3509S | CS9NQ CS9-4004 | | | - |
| ASDJCR-1616JX11NA | 16 | 16 | 120 | 19.5 | 14 | - | 1/8" | | | | CS9NQ CS9-3003 | | | |
| ASDJCR-2020K11-A | 20 | 20 | 125 | 33 | 25 | - | 1/8" | | | CS35119S | CS9NQ CS9-3003 | | | - |
| ASDJCR-2525M11-A | 25 | 25 | 150 | 38 | 32 | - | 1/8" | | | | | | | |

Through Coolant Turning Tool Holders

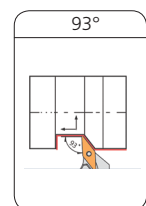
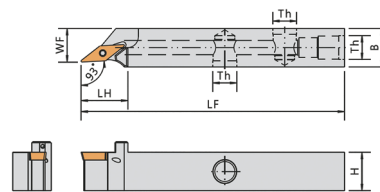
ASTUP



| Tool No | Dimension (mm) | | | | | | Insert | Insert Screw | Coolant Plug | Wrench |
|------------------|----------------|----|-----|----|----|------|--------|--------------|--------------|-----------------------------|
| | H | B | LF | LH | WF | Th | | | | |
| ASTUPR-2525M11-A | 25 | 25 | 150 | 22 | 32 | 1/8" | | | | FT-10 LW025 LW040 |

Through Coolant Turning Tool Holders

ASVJB



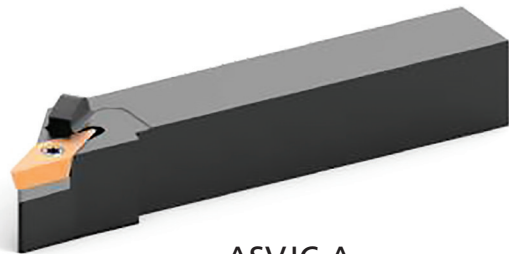
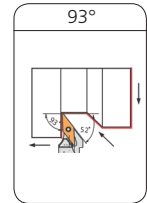
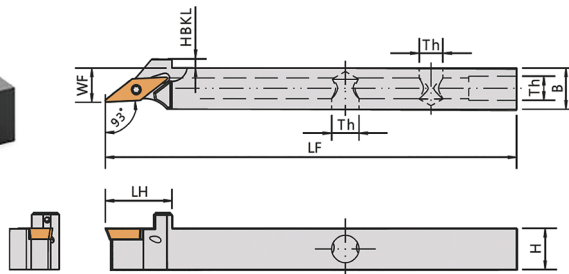
| Tool No | Dimension (mm) | | | | | | Insert | Insert Screw | Coolant Plug | Wrench | |
|-------------------|----------------|----|-----|------|----|-------|--------|--------------|-------------------|--------|--|
| | H | B | LF | LH | WF | Th | | | | | |
| ASVJBR-1212JX11NA | 12 | 12 | 120 | 19.5 | 10 | 5/16" | | | CS9NN CS9-4004 | | |
| ASVJBR-1616JX11NA | 16 | 16 | 120 | 19.5 | 14 | 1/8" | | | CS9NQ CS9-5005 | | |

Through Coolant Turning Tool Holders

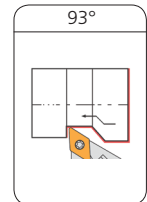
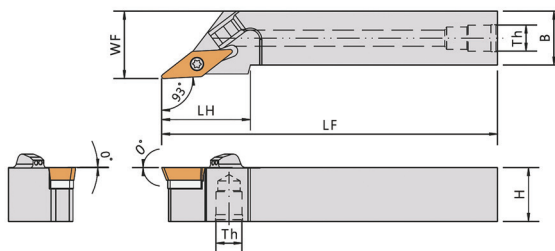
ASVJC ASVJC-N/NA



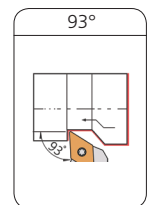
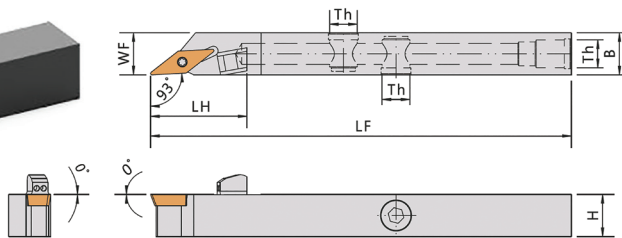
ASVJC-N



ASVJC-A



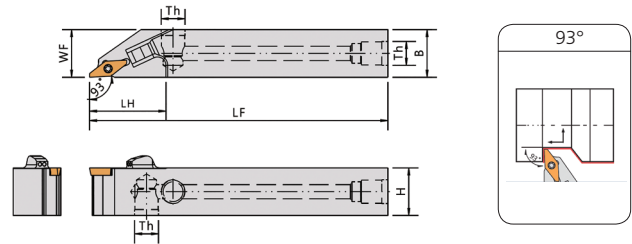
ASVJC-NA



| Tool No | Dimension (mm) | | | | | | | Insert | Shim | Shim Screw | Insert Screw | Coolant Plug | Adapter | Wrench | |
|--------------------|----------------|----|-----|------|----|------|-------|----------|---------|------------|--------------|-------------------|---------|--------|-------|
| | H | B | LF | LH | WF | HBKL | Th | | | | | | | | |
| ASVJCR-1010H11-F08 | 10 | 10 | 100 | 19.5 | 8 | 2.5 | 5/16" | VCMT1103 | - | - | CS25055PS | CS9NN CS9-3003 | AA-NP | FT-7 | LW040 |
| ASVJCR-1212-11NACB | 12 | 12 | 140 | 24 | 12 | 4.5 | 5/16" | | - | - | CS25055PS | CS9NN CS9-4004 | | | |
| ASVJCR-1212H11-F10 | 12 | 12 | 100 | 19.5 | 10 | 2.5 | 5/16" | | - | - | CS25055PS | CS9NN CS9-3003 | | | |
| ASVJCR-1212H11N | 12 | 12 | 100 | 27.5 | 12 | - | 5/16" | | - | - | CS25060 | CS9NN CS9-3003 | | | |
| ASVJCR-1212JX11NA | 12 | 12 | 120 | 27.5 | 12 | - | 5/16" | | - | - | CS25060 | CS9NN CS9-3003 | | | |
| ASVJCR-1616H11-F14 | 16 | 16 | 100 | 36 | 14 | - | 1/8" | | - | - | CS25060 | CS9NN CS9-3003 | | | |
| ASVJCR-1616-11NACB | 16 | 16 | 140 | 27.5 | 16 | - | 1/8" | VCMT1604 | - | - | CS25060 | CS9NN CS9-3003 | - | FT-15 | |
| ASVJCR-2020K16-A | 20 | 20 | 125 | 33 | 25 | - | 1/8" | | SMV-321 | SN535 | CS35117S | CS9NQ | | | |
| ASVJCR-2020K16-F18 | 20 | 20 | 125 | 25 | 18 | - | 1/8" | | - | - | CS35117S | CS9NN CS9-3003 | | | |
| ASVJCR-2525M16-A | 25 | 25 | 150 | 33 | 32 | - | 1/8" | | SMV-321 | SN535 | CS35117S | CS9NQ | | | |

Through Coolant Turning Tool Holders

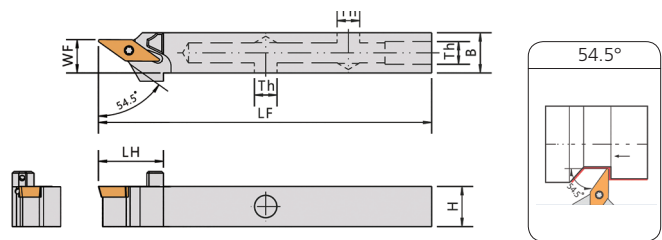
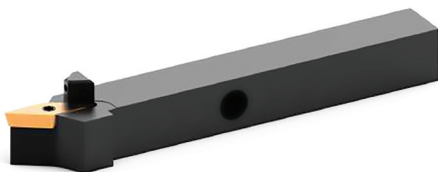
ASVJP



| Tool No | Dimension (mm) | | | | | | Insert | Insert Screw | Coolant Plug | Adapter | Wrench | |
|-----------------|----------------|----|-----|----|----|-------|--------|--------------|--------------|---------|--------|--|
| | H | B | LF | LH | WF | Th | | | | | | |
| ASVJPR-1010JX10 | 10 | 10 | 120 | 30 | 10 | 5/16" | | | | | | |
| ASVJPR-1212JX10 | 12 | 12 | 120 | 30 | 12 | 5/16" | | | | | | |
| ASVJPR-1616JX10 | 16 | 16 | 120 | 32 | 16 | 1/8" | | | | | | |
| ASVJPR-2020K10 | 20 | 20 | 125 | 32 | 20 | 1/8" | | | | | | |

Through Coolant Turning Tool Holders

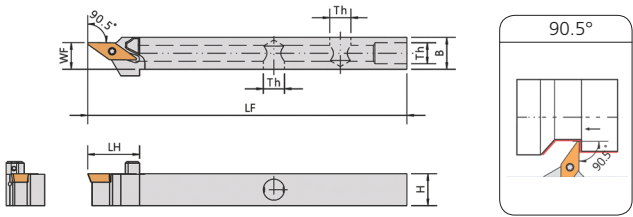
ASVKB



| Tool No | Dimension (mm) | | | | | | Insert | Insert Screw | Coolant Plug | Adapter | Wrench | |
|---------------------|----------------|----|-----|------|----|-------|--------|--------------|--------------|---------|--------|--|
| | H | B | LF | LH | WF | Th | | | | | | |
| ASVKBR-1212JX11-F10 | 12 | 12 | 120 | 19.5 | 10 | 5/16" | | | | | | |

Through Coolant Turning Tool Holders

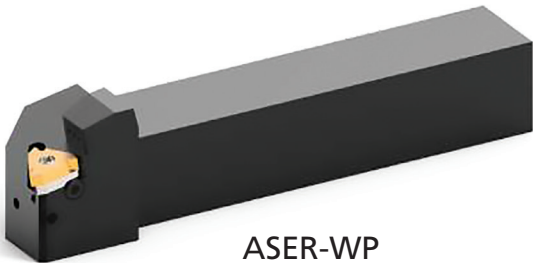
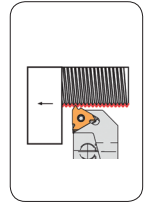
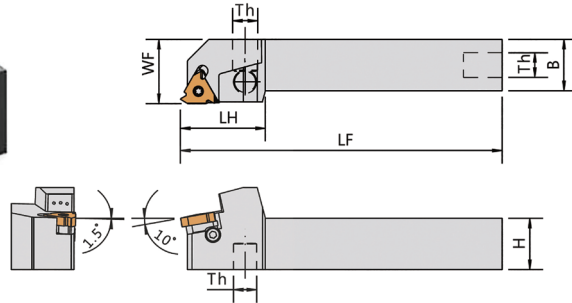
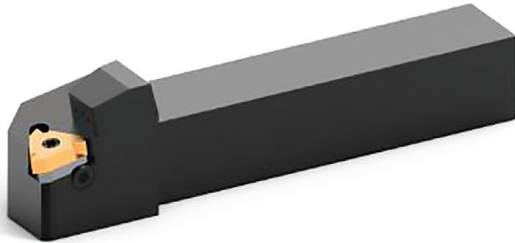
ASVKC



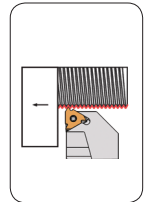
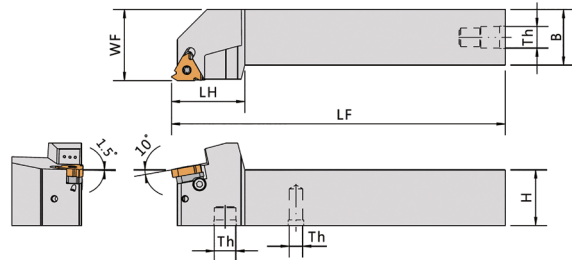
| Tool No | Dimension (mm) | | | | | | Insert | Insert Screw | Coolant Plug | Adapter | Wrench | |
|---------------------|----------------|----|-----|------|----|-------|--------|--------------|--------------|---------|--------|--|
| | H | B | LF | LH | WF | Th | | | | | | |
| ASVKCR-1212H11 | 12 | 12 | 100 | 19.5 | 10 | 5/16" | | | | | | |
| ASVKCR-1212JX11-F10 | 12 | 12 | 120 | 19.5 | 10 | 5/16" | | | | | | |
| ASVKCR/L-1616JX11 | 16 | 16 | 120 | 19.5 | 9 | 1/8" | | | | | | |

Through Coolant Turning Tool Holders

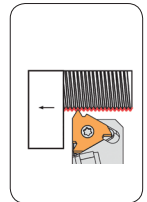
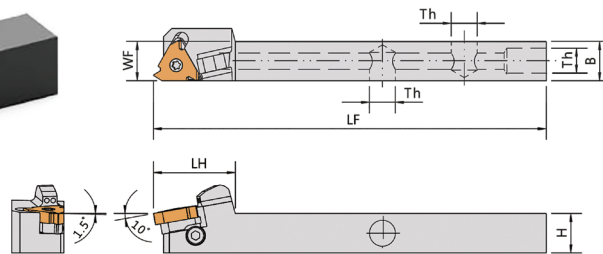
ASER ASER-N/NA



ASER-WP



ASER-NA



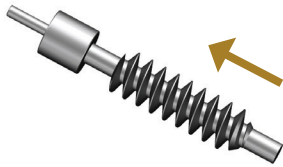
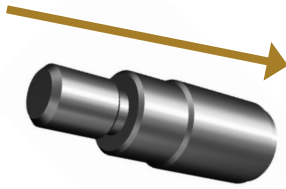
| Tool No | Dimension (mm) | | | | | | Insert | Shim | | Screw | Insert Screw | Coolant Plug | Wrench | |
|----------------|----------------|----|-----|----|----|------|--------|--------|--------|---------|--------------|-------------------|--------|----------------|
| | H | B | LF | LH | WF | Th | | Shim R | Shim L | | | | | |
| ASER-2020K16A | 20 | 20 | 125 | 33 | 25 | 1/8" | 16ER | AE16 | AI16 | CSH0306 | CS35117S | CS9NQ CS9-3003 | FT-15 | LW025 LW050 |
| ASER-2525M16WP | 25 | 25 | 150 | 33 | 32 | 1/8" | | | | | | | | |

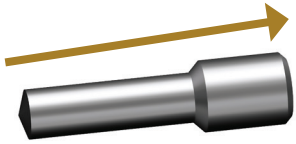
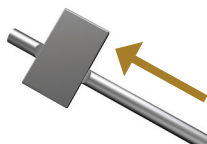
WP: Multiple coolant direction

| Tool No | Dimension (mm) | | | | | | Insert | Shim | | Screw | Insert Screw | Coolant Plug | Adapter | Wrench | |
|-----------------|----------------|----|-----|----|----|-------|--------|--------|--------|---------|--------------|-------------------|---------|--------|----------------|
| | H | B | LF | LH | WF | Th | | Shim R | Shim L | | | | | | |
| ASER-1212JX16NA | 12 | 12 | 120 | 25 | 12 | 5/16" | 16ER | AE16 | AI16 | CSH0306 | CS35117S | CS9NN CS9-4004 | AA-NP | FT-15 | LW025 LW040 |
| ASER-1616JX16NA | 16 | 16 | 120 | 25 | 12 | 1/8" | | | | | | CS9NQ CS9-4004 | | | |
| ASER-2020K16NA | 20 | 20 | 125 | 26 | 20 | 1/8" | | | | | | | | | |
| ASER-2525M16NA | 25 | 25 | 150 | 26 | 25 | 1/8" | | | | | | CS9NQ | | | |

Application Cases

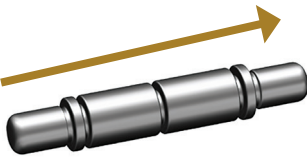
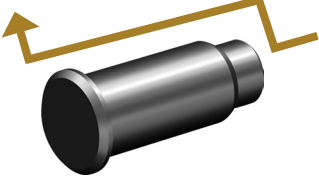
FA115P

| Small Transmission Shaft | Long Shaft |
|---|--|
| <p>Insert: DCGT11T302M-BK-FA115P Material: 12L14 Vc: 47m/min min: 0.025mm/rev ap: 3mm</p>  | <p>Insert: DCGT11T302M-BF-FA115P Material: SUS304 Vc: 14m/min min: 0.035mm/rev ap: 0.1mm</p>  |
| <p>FA115P: 8000pcs Competitor: 3000pcs Qty: +167%</p> | <p>FA115P: 7000pcs Competitor: 4000pcs Qty: +75%</p> |

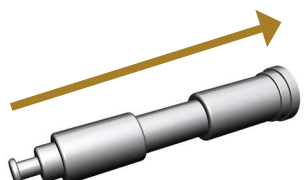

| Implant | Auto Parts |
|---|---|
| <p>Insert: DCGT11T302M-BF-FA115P Material: SUS465 Vc: 29m/min min: 0.02mm/rev ap: 1mm</p>  | <p>Insert: VBG110302M-BF-FA115P Material: GH625 Vc: 50m/min min: 0.05mm/rev ap: 0.1mm</p>  |
| <p>FA115P: 85pcs Competitor: 65pcs Qty: +23%</p> | <p>FA115P: 93pcs Competitor: 80pcs Qty: +16%</p> |

Application Cases

FA120P

| Small Transmission Shaft | | Long Shaft | |
|---|---|------------------------------|------------------------------|
| <p>Insert: TNGG160402R-P-FA120P</p> <p>Material: 1215</p> <p>Vc: 88m/min</p> <p>min: 0.055mm/rev</p> <p>ap: 1mm</p>  | <p>Insert: VBGT110301R-S-FA120P</p> <p>Material: SUS304</p> <p>Vc: 66m/min</p> <p>min: 0.045mm/rev</p> <p>ap: 0.1mm</p>  | <p>FA120P</p> <p>1200pcs</p> | <p>FA120P</p> <p>7500pcs</p> |
| <p>Competitor</p> <p>1050pcs</p> <p>Qty</p> <p>+14%</p> | <p>Competitor</p> <p>4000pcs</p> <p>Qty</p> <p>+88%</p> | | |

FA125P

| Shaft | | Watch Shell | |
|--|--|-----------------------------|-----------------------------|
| <p>Insert: DCGT11T302M-BF-FA125P</p> <p>Material: SUS304</p> <p>Vc: 66m/min</p> <p>min: 0.04mm/rev</p> <p>ap: 0.03mm</p>  | <p>Insert: TNGG160402R-P-FA125P</p> <p>Material: SUS316</p> <p>Vc: 165m/min</p> <p>min: 0.05mm/rev</p> <p>ap: 0.03mm</p>  | <p>FA125P</p> <p>180pcs</p> | <p>FA125P</p> <p>135pcs</p> |
| <p>Competitor</p> <p>150pcs</p> <p>Qty</p> <p>+20%</p> | <p>Competitor</p> <p>120pcs</p> <p>Qty</p> <p>+12%</p> | | |

Recommended Cutting Data for Small Parts Turning/Machining

| ISO | Material | (HB) Hardness | Geometry | Grade | Cutting Speed Vc(m/min) | Cutting Depth ap(mm) | Feed f(mm/rev) |
|----------|-----------------|---------------|----------|--------|-------------------------|----------------------|-----------------|
| P | Steel | ≤300 | P | FA115P | 120(60-180) | 0.1(0.03-0.5) | 0.1(0.03-0.18) |
| | | | | FA120P | 90(40-140) | | |
| | | | | FA125P | 90(40-150) | | |
| | | | G | FA115P | 120(60-180) | 0.8(0.3-2.5) | 0.05(0.01-0.08) |
| | | | | FA120P | 90(40-140) | | |
| | | | | FA125P | 90(40-150) | | |
| | | | S | FA115P | 120(60-180) | 0.8(0.3-2.0) | 0.12(0.08-0.25) |
| | | | | FA120P | 90(40-140) | | |
| | | | | FA125P | 90(40-150) | | |
| | | | AF | FA115P | 120(60-180) | 0.16(0.02-0.2) | 0.08(0.03-0.12) |
| | | | | FA125P | 90(40-150) | | |
| | | | AK | FA115P | 120(60-180) | 1.4(0.7-2.5) | 0.07(0.02-0.12) |
| | | | | FA125P | 90(40-150) | | |
| | | | BF | FA115P | 120(60-180) | 0.7(0.2-1.2) | 0.06(0.02-0.12) |
| | | | | FA125P | 90(40-150) | | |
| | | | BK | FA115P | 120(60-180) | 1.6(0.8-2.5) | 0.08(0.03-0.12) |
| | | | | FA125P | 90(40-150) | | |
| | | | MM | FA115P | 120(60-180) | 1.8(0.8-3.0) | 0.06(0.03-0.1) |
| FA125P | 90(40-150) | | | | | | |
| M | Stainless Steel | ≤300 | P | FA115P | 100(60-150) | 0.1(0.03-0.5) | 0.1(0.03-0.18) |
| | | | | FA120P | 80(40-120) | | |
| | | | | FA125P | 80(40-130) | | |
| | | | G | FA115P | 100(60-150) | 0.8(0.3-2.5) | 0.05(0.01-0.08) |
| | | | | FA120P | 80(40-120) | | |
| | | | | FA125P | 80(40-130) | | |
| | | | S | FA115P | 100(60-150) | 0.8(0.3-2.0) | 0.12(0.08-0.25) |
| | | | | FA120P | 80(40-120) | | |
| | | | | FA125P | 80(40-130) | | |
| | | | AF | FA115P | 100(60-150) | 0.16(0.02-0.2) | 0.08(0.03-0.12) |
| | | | | FA125P | 80(40-130) | | |
| | | | AK | FA115P | 100(60-150) | 1.4(0.7-2.5) | 0.07(0.02-0.12) |
| | | | | FA125P | 80(40-130) | | |
| | | | BF | FA115P | 100(60-150) | 0.7(0.2-1.2) | 0.06(0.02-0.12) |
| | | | | FA125P | 80(40-130) | | |
| | | | BK | FA115P | 100(60-150) | 1.6(0.8-2.5) | 0.08(0.03-0.12) |
| | | | | FA125P | 80(40-130) | | |
| | | | MM | FA115P | 100(60-150) | 1.8(0.8-3.0) | 0.06(0.03-0.1) |
| FA125P | 80(40-130) | | | | | | |

Recommended Cutting Data for Small Parts Turning/Machining

| ISO | Material | (HB) Hardness | Geometry | Grade | Cutting Speed Vc(m/min) | Cutting Depth ap(mm) | Grooving Feed f1(mm/rev) | Turning Feed f2(mm/rev) |
|----------|-----------------|------------------|----------|--------|----------------------------|-------------------------|-----------------------------|----------------------------|
| P | Steel | ≤300 | GSAB | FA115P | 120(60-180) | 2.0(0.5-5.0) | 0.02(0.01-0.03) | 0.05(0.01-0.1) |
| | | | | FA120P | 90(40-140) | | | |
| | | | | FA125P | 90(40-150) | | | |
| | | | GSTB | FA115P | 120(60-180) | 2.5(0.5-6.0) | 0.02(0.01-0.03) | 0.05(0.01-0.15) |
| | | | | FA120P | 90(40-140) | | | |
| | | | | FA125P | 90(40-150) | | | |
| | | | GSTC | FA115P | 120(60-180) | - | 0.02(0.01-0.03) | - |
| | | | | FA125P | 90(40-150) | | | |
| | | | GSTS | FA115P | 120(60-180) | - | 0.02(0.01-0.03) | - |
| | | | | FA125P | 90(40-150) | | | |
| | | | GSTT | FA115P | 120(60-180) | - | - | - |
| | | | | FA125P | 90(40-150) | | | |
| M | Stainless Steel | ≤300 | GSAB | FA115P | 100(60-150) | 2.0(0.5-5.0) | 0.02(0.01-0.03) | 0.05(0.01-0.1) |
| | | | | FA120P | 80(40-120) | | | |
| | | | | FA125P | 80(40-130) | | | |
| | | | GSTB | FA115P | 100(60-150) | 2.5(0.5-6.0) | 0.02(0.01-0.03) | 0.05(0.01-0.15) |
| | | | | FA120P | 80(40-120) | | | |
| | | | | FA125P | 80(40-130) | | | |
| | | | GSTC | FA115P | 100(60-150) | - | 0.015(0.01-0.02) | - |
| | | | | FA125P | 80(40-130) | | | |
| | | | GSTS | FA115P | 100(60-150) | - | 0.015(0.01-0.02) | - |
| | | | | FA125P | 80(40-130) | | | |
| | | | GSTT | FA115P | 100(60-150) | - | - | - |
| | | | | FA125P | 80(40-130) | | | |

Recommended Cutting Data for Small Parts Turning/Machining

GSTT Cutting Depth and Numer of Passes

| Type | Pitch | Insert | Tip Radius R (RE) | Total Cutting Depth (mm) | Times of Cutting | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
|---------------|-----------------|-------------------|--------------------|--------------------------|------------------|------|------|------|------|------|------|------|------|------|------|------|
| | mm | | | | | | | | | | | | | | | |
| Metric Thread | External Thread | GSTT 3R/L A/B6000 | Max 0.05 (Smooth) | 0.15 | 4 | 0.06 | 0.04 | 0.03 | 0.02 | | | | | | | |
| | | | | 0.25mm | 0.19 | 4 | 0.07 | 0.06 | 0.04 | 0.02 | | | | | | |
| | | | | 0.30mm | 0.23 | 4 | 0.08 | 0.07 | 0.06 | 0.02 | | | | | | |
| | | | | 0.35mm | 0.27 | 5 | 0.08 | 0.07 | 0.06 | 0.04 | 0.02 | | | | | |
| | | | | 0.40mm | 0.30 | 5 | 0.10 | 0.08 | 0.06 | 0.04 | 0.02 | | | | | |
| | | | | 0.45mm | 0.34 | 6 | 0.10 | 0.08 | 0.06 | 0.04 | 0.04 | 0.02 | | | | |
| | | 0.50mm | GSTT 3R/L A/B6000 | 0.05 | 0.38 | 6 | 0.10 | 0.10 | 0.07 | 0.05 | 0.04 | 0.02 | | | | |
| | | | GSTT 3R/L A/B60005 | | 0.33 | 5 | 0.10 | 0.10 | 0.07 | 0.04 | 0.02 | | | | | |
| | | 0.60mm | GSTT 3R/L A/B6000 | Max 0.05 (Smooth) | 0.45 | 7 | 0.10 | 0.10 | 0.08 | 0.06 | 0.05 | 0.04 | 0.02 | | | |
| | | | GSTT 3R/L A/B60005 | | 0.40 | 6 | 0.10 | 0.10 | 0.08 | 0.06 | 0.04 | 0.02 | | | | |
| | | 0.70mm | GSTT 3R/L A/B60005 | 0.05 | 0.48 | 6 | 0.10 | 0.10 | 0.10 | 0.10 | 0.06 | 0.02 | | | | |
| | | 0.75mm | | 0.05 | 0.52 | 7 | 0.10 | 0.10 | 0.10 | 0.08 | 0.07 | 0.05 | 0.02 | | | |
| | | 0.80mm | | 0.05 | 0.56 | 7 | 0.10 | 0.10 | 0.10 | 0.10 | 0.08 | 0.06 | 0.02 | | | |
| | | 1.00mm | GSTT 3R/L A/B60005 | 0.05 | 0.71 | 8 | 0.15 | 0.15 | 0.12 | 0.10 | 0.08 | 0.06 | 0.03 | 0.02 | | |
| | | | | 0.10 | 0.66 | 7 | 0.18 | 0.15 | 0.12 | 0.10 | 0.06 | 0.03 | 0.02 | | | |
| | | 1.25mm | GSTT 3R/L N6001 | 0.05 | 0.90 | 9 | 0.20 | 0.18 | 0.13 | 0.10 | 0.10 | 0.07 | 0.05 | 0.05 | 0.02 | |
| | | | | 0.10 | 0.85 | 8 | 0.20 | 0.18 | 0.13 | 0.10 | 0.10 | 0.07 | 0.05 | 0.02 | | |
| | | 1.50mm | GSTT 3R/L N6001 | 0.10 | 1.04 | 10 | 0.20 | 0.18 | 0.14 | 0.12 | 0.10 | 0.10 | 0.08 | 0.05 | 0.05 | 0.02 |



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