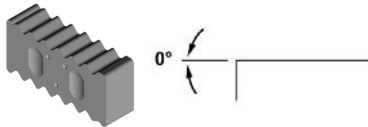
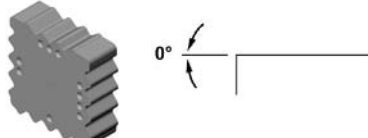
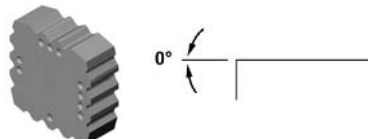
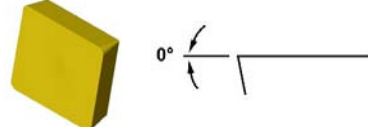
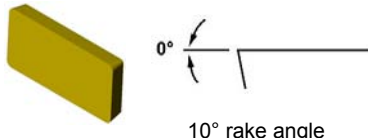
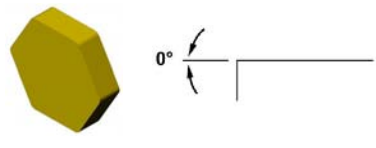
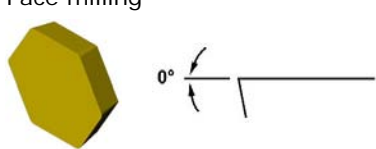
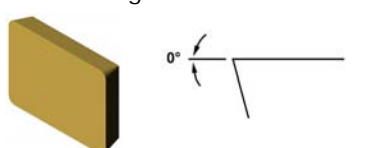
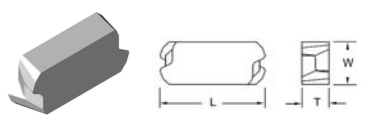
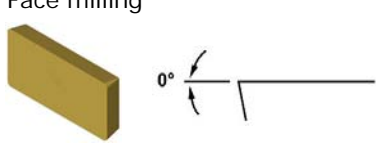
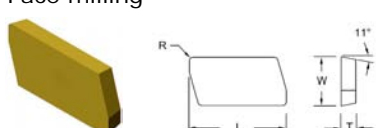




| POSITIVE AND NEGATIVE RAKE MILLING for top clamping systems | Part Number | Coated | | | | | | | | Uncoated | | | | Dimensions (inches) | | | |
|--|-------------|--------|--------|--------|--------|--------|--------|--------|-----|----------|------|------|----------------|---------------------|------------------|----------|----------|
| | | AN2015 | AN2020 | AN2035 | AN3020 | AN3030 | AN4040 | AN4045 | AN2 | AN6 | AN23 | AN28 | IC / Length | Thick. | Radius / Flat | Hole | |
| | | | | | | | | | | | | | | | | | |
| 2T100 Rough milling Rectangle  | 2T100 | | | | | | | | | | | | | 1 | .280 | - | - |
| 4T75Q Rough milling Square  | 4T75Q | | | | | | | | | | | | | 3/4 | 1/4 | - | - |
| 4T75QD Rough milling Square  | 4T75QD | | | | | | | | | | | | | 3/4 | 1/4 | - | - |
| CPG Face milling 80° Diamond  | CPG 421 | | | | | | | | | | | | | 1/2 | 1/8 | 1/64 | - |
| | CPG 422 | | | | | | | | | | | | | 1/2 | 1/8 | 1/32 | - |
| EMB End milling 87° Parallelogram  10° rake angle | EMB 15 | | | | | | | | | | | | | L | T | R | W |
| | | | | | | | | | | | | | | 1 | 1/8 | 3/64 | 1/2 |



Milling Inserts for top clamping systems



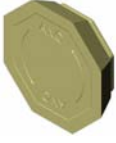

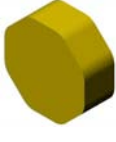
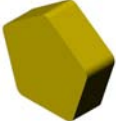
| POSITIVE AND NEGATIVE RAKE MILLING for top clamping systems | Part Number | Coated | | | | | | | | Uncoated | | | | Dimensions (inches) | | | | |
|--|-----------------|--------|--------|--------|--------|--------|--------|--------|-----|----------|------|------|----------------|---------------------|------------------|----------|-------------|----------|
| | | AN2015 | AN2020 | AN2035 | AN3020 | AN3030 | AN4040 | AN4045 | AN2 | AN6 | AN23 | AN28 | IC / Length | Thick. | Radius / Flat | Hole | | |
| | | | | | | | | | | | | | | | | | | |
| HNC Face milling Hexagon  | HNC 633 | | | | | | | | • | | | | | • | 3/4 | 3/16 | 3/64 | - |
| | | | | | | | | | | | | | | | | | | |
| HPC Face milling Hexagon  | HPC 633 | | | | | | | | • | | | | | • | 3/4 | 3/16 | 3/64 | - |
| | | | | | | | | | | | | | | | | | | |
| LDE Face milling Rectangle  | LDE 6434 | | | | | | | | • | | | | | | L | T | R | W |
| | | | | | | | | | | | | | | | 1 | 3/16 | 1/16 | 3/4 |
| LNCX-11 Face milling Rectangle  | LNCX 1806AZL-11 | | | | | | | | • | • | | | | | L | T | Flat | W |
| | LNCX 1806AZR-11 | | | | | | | | • | • | | | | | .975 | 1/4 | .079 | .394 |
| | | | | | | | | | | | | | | | .975 | 1/4 | .079 | .394 |
| LPE Face milling Rectangle  | LPE 5533 | | | | | | | | • | • | | | | | L | T | R | W |
| | | | | | | | | | | | | | | | 1-1/4 | 3/16 | 3/64 | 5/8 |
| LPE-74 Face milling Rectangle  | LPE 5533-74 | | | | | | | | • | • | | | | | L | T | R | W |
| | | | | | | | | | | | | | | | 1-1/4 | 3/16 | 3/64 | 5/8 |

Grade details, see pages 7-9

Nomenclature explanation, see pages 2-3



Milling Inserts for top clamping systems





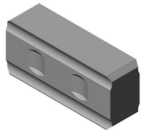




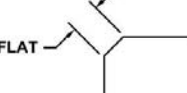

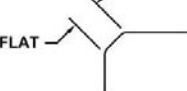
| POSITIVE AND NEGATIVE RAKE MILLING for top clamping systems | Part Number | Coated | | | | | | | Uncoated | | | | Dimensions (inches) | | | |
|--|----------------|-----------------|--------|--------|--------|--------|--------|--------|----------|-----|------|------|---------------------|--------|------------------|------|
| | | AN2015 | AN2020 | AN2035 | AN3020 | AN3030 | AN4040 | AN4045 | AN2 | AN6 | AN23 | AN28 | IC / Length | Thick. | Radius / Flat | Hole |
| | | | | | | | | | | | | | | | | |
| MNC Face milling  | 86° Diamond | MNC 52.52 | | | | | | • | | | | • | 5/8 | 5/32 | 1/32 | - |
| | | MNC 52.54 | | | | | | • | | | | • | 5/8 | 5/32 | 1/16 | - |
| NPC Face milling  | 87° Diamond | NPC 633 | | | | | • | | | | | 3/4 | 3/16 | 3/64 | - | |
| | | | | | | | | | | | | | | | | |
| OFEN Face milling  | Octagon | OFEN 070405 | | | | | • | | | | | .706 | 3/16 | .020 | - | |
| | | | | | | | | | | | | | | | | |
| OFER-13M Face milling  | Octagon | OFER 070405-13M | | | | | • | | | | | .706 | 3/16 | .020 | - | |
| | | | | | | | | | | | | | | | | |
| ONG Face milling  | Octagon | ONG 436 | | | | | | | | • | • | 1/2 | 3/16 | 3/32 | - | |
| | | | | | | | | | | | | | | | | |
| PNG Face milling  | Pentagon | PNG 423 | | | | | | | | • | • | 1/2 | 1/8 | 3/64 | - | |
| | | PNG 433 | | | | | | | | | • | • | 1/2 | 3/16 | 3/64 | - |
| | | | | | | | | | | | | | | | | |

Grade details, see pages 7-9

Nomenclature explanation, see pages 2-3





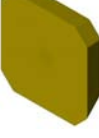



Milling Inserts for top clamping systems

| POSITIVE AND NEGATIVE RAKE MILLING for top clamping systems | Part Number | Coated | | | | | | | Uncoated | | | | Dimensions (inches) | | | | | |
|---|-------------|-----------------|--------|--------|--------|--------|--------|--------|----------|-----|------|------|---------------------|--------|------------------|------|------|---|
| | | AN2015 | AN2020 | AN2035 | AN3020 | AN3030 | AN4040 | AN4045 | AN2 | AN6 | AN23 | AN28 | IC / Length | Thick. | Radius / Flat | Hole | | |
| | | | | | | | | | | | | | | | | | | |
| RDH Face milling   | Round | RDH 63 | | | | | | | • | • | | | | | 3/4 | 3/16 | - | - |
| RPG Face milling   | Round | RPG 32 | • | • | | | | | • | | | | | 3/8 | 1/8 | - | - | |
| | | RPG 42 | • | • | | | | | • | | | | | | 1/2 | 1/8 | - | - |
| | | RPG 43 | • | • | | | | | • | | | | | | 1/2 | 3/16 | - | - |
| | | RPG 63 | • | • | | | | | • | | | | | | 3/4 | 3/16 | - | - |
| | | RPG 84 | • | • | | | | | • | | | | | | 1 | 1/4 | - | - |
| S2100 Medium milling   | Rectangle | S2100 | | | | | | | | • | | | | 1 | .296 | - | - | |
| SDCR-08 Face milling   | Square | SDCR 42AESN6-08 | | | | • | | | | | | | | 1/2 | 1/8 | .095 | - | |
| SDKN Face milling   | Square | SDKN 42A3 | | | | • | | | | | | | | 1/2 | 1/8 | .078 | - | |
| | | SDKN 53A3 | | | | • | | | | | | | | | 5/8 | 3/16 | .078 | - |
| SEAN Face milling   | Square | SEAN 42AFTN | | | | • | | | | | | | | 1/2 | 1/8 | .102 | - | |
| | | SEAN 53AFTN | | | | • | | | | | | | | | 5/8 | 3/16 | .102 | - |

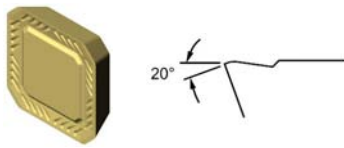

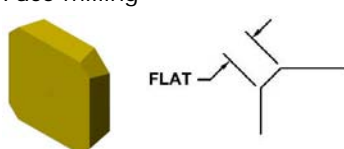
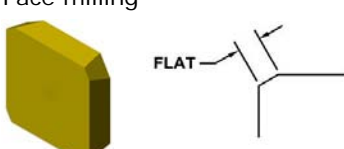
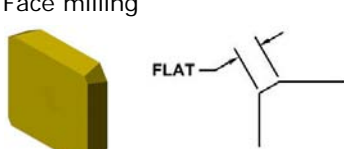
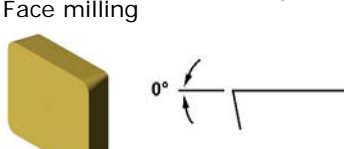


Milling Inserts for top clamping systems

| POSITIVE AND NEGATIVE RAKE MILLING for top clamping systems | Part Number | Coated | | | | | | | | Uncoated | | | | Dimensions (inches) | | | |
|--|----------------|--------|--------|--------|--------|--------|--------|--------|-----|----------|------|------|----|---------------------|------------------|-----------|---|
| | | AN2015 | AN2020 | AN2035 | AN3020 | AN3030 | AN4040 | AN4045 | AN2 | AN6 | AN23 | AN28 | IC | Thick. | Radius / Flat | Hole | |
| | | | | | | | | | | | | | | | | | |
| SEC Face milling  0° | SEC 322 | | | | | | | | | | | | • | 3/8 | 1/8 | 1/32 | - |
| | SEC 422 | | | | | | | | | | | | • | 1/2 | 1/8 | 1/32 | - |
| | SEC 424 | | | | | | | | | | | | • | 1/2 | 1/8 | 1/16 | - |
| | SEC 633 | | | | | | | | | | | | • | 3/4 | 3/16 | 3/64 | - |
| SEC-A Face milling  FLAT | SEC 42A6 | | | | | | | | | | | | • | 1/2 | 1/8 | .094 | - |
| | SEC 63A8 | | | | | | | | | | | | • | 3/4 | 3/16 | .125 | - |
| SEC-K Face milling  FLAT | SEC 63K8 | | | | | | | | | | | | • | 3/4 | 3/16 | .125/.125 | - |
| SEC-L Face milling  FLAT | SEC 63L8 | | | | | | | | | | | | • | 3/4 | 3/16 | .125/.125 | - |
| SEKN Face milling  FLAT | SEKN 42AFEN6.5 | | | | • | • | | | | | | | | 1/2 | 1/8 | .102 | - |
| | SEKN 43AFEN | | | | • | • | | | | | | | | 1/2 | 3/16 | .102 | - |
| | SEKN 53AFEN | | | | • | • | | | | | | | | 5/8 | 3/16 | .102 | - |
| SEKR Face milling  20° | SEKR 53AFEN | | | | • | • | | | | | | | | 5/8 | 3/16 | .102 | - |



Milling Inserts for top clamping systems







| POSITIVE AND NEGATIVE RAKE MILLING for top clamping systems | Part Number | Coated | | | | | | Uncoated | | | | Dimensions (inches) | | | | | |
|--|-------------|-----------------|--------|--------|--------|--------|--------|----------|-----|-----|------|---------------------|------|--------|---------------|------|---|
| | | AN2015 | AN2020 | AN2035 | AN3020 | AN3030 | AN4040 | AN4045 | AN2 | AN6 | AN23 | AN28 | IC | Thick. | Radius / Flat | Hole | |
| | | | | | | | | | | | | | | | | | |
| SEKR-08 Face milling  | Square | SEKR 42AFEN6-08 | | | | • | • | | | | | | | 1/2 | 1/8 | .095 | - |
| SEM Face milling  | Square | SEM 43 | | • | | | | | | • | | | | 1/2 | 3/16 | .079 | - |
| SHC-A Face milling  | Square | SHC 63A8E | | | | | | | | • | | • | | 3/4 | 3/16 | .125 | - |
| SHC-D Face milling  | Square | SHC 63D6R | | | | | | | | • | | • | 3/4 | 3/16 | .094 | - | |
| | | SHC 63D8L | | | | | | | | • | | • | 3/4 | 3/16 | .125 | - | |
| | | SHC 63D8R | | | | | | | | • | | • | 3/4 | 3/16 | .125 | - | |
| | | SHC 63D9L | | | | | | | | • | | • | 3/4 | 3/16 | .141 | - | |
| | | SHC 63D9R | | | | | | | | • | | • | 3/4 | 3/16 | .141 | - | |
| SHC-PD Face milling  | Square | SHC 84PD5R | | | | | | | | • | | • | 1 | 1/4 | .078 | - | |
| | | SHC 84PD5L | | | | | | | | • | | • | 1 | 1/4 | .078 | - | |
| SM Face milling  | Square | SM 10-3-1 | | | | | | | | • | • | | 5/16 | 3/32 | 1/64 | - | |
| | | SM 10-3-2 | | | | | | | | • | • | | 5/16 | 3/32 | 1/32 | - | |

Grade details, see pages 7-9

Nomenclature explanation, see pages 2-3


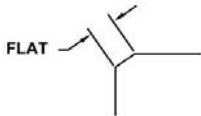

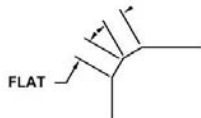






Milling Inserts for top clamping systems

| POSITIVE AND NEGATIVE RAKE MILLING for top clamping systems | | | Part Number | Coated | | | | | | Uncoated | | | | Dimensions (inches) | | | |
|---|--------|-----------|-------------|--------|--------|--------|--------|--------|--------|----------|-----|-----|------|---------------------|-----------|-----------|---------------|
| | | | | AN2015 | AN2020 | AN2035 | AN3020 | AN3030 | AN4040 | AN4045 | AN2 | AN6 | AN23 | AN28 | IC | Thick. | Radius / Flat |
| SMK-E Face milling  | Square | SMK 42E2L | | | | • | • | | | | | | | 1/2 | 1/8 | .039/.055 | - |
| | | SMK 42E2R | | | | • | • | | | | | | | 1/2 | 1/8 | .039/.055 | - |
| | | SMK 43E2L | | | | • | • | | | | | | | 1/2 | 3/16 | .039/.055 | - |
| | | SMK 43E2R | | | | • | • | | | | | | | 1/2 | 3/16 | .039/.055 | - |
| | | SMK 53E2L | | | | • | • | | | | | | | 5/8 | 3/16 | .039/.055 | - |
| | | SMK 53E2R | | | | • | • | | | | | | | 5/8 | 3/16 | .039/.055 | - |
| SNC-A Face milling  | Square | SNC 63A3 | | | | | | • | | | | • | 3/4 | 3/16 | .047 | - | |
| SNC-D Face milling  | Square | SNC 63D6R | | | | | | • | | | | • | 3/4 | 3/16 | .094 | - | |
| | | SNC 63D8L | | | | | | • | | | | • | 3/4 | 3/16 | .125 | - | |
| | | SNC 63D8R | | | | | | • | | | | • | 3/4 | 3/16 | .125 | - | |
| SNC-L Face milling  | Square | SNC 63L8 | | | | | | • | | | | • | 3/4 | 3/16 | .125/.125 | - | |
| SNC-U Face milling  | Square | SNC 63U4 | | | | | | • | | | | • | 3/4 | 3/16 | .062/.062 | - | |
| SNC-W Face milling  | Square | SNC 43W6 | | | | | | • | | | | • | 1/2 | 3/16 | .094/.094 | - | |
| | | SNC 63W8 | | | | | | • | | | | • | 3/4 | 3/16 | .125/.125 | - | |



Milling Inserts for top clamping systems


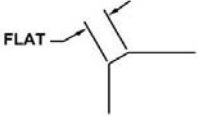






| POSITIVE AND NEGATIVE RAKE MILLING for top clamping systems | Part Number | Coated | | | | | | | | Uncoated | | | | Dimensions (inches) | | | |
|---|---|----------|--------|--------|--------|--------|--------|--------|-----|----------|------|------|-----|---------------------|------------------|--------------------|-----------|
| | | AN2015 | AN2020 | AN2035 | AN3020 | AN3030 | AN4040 | AN4045 | AN2 | AN6 | AN23 | AN28 | IC | Thick. | Radius / Flat | Hole | |
| | | | | | | | | | | | | | | | | | |
| SNC-Z Face milling   | SNC 63ZN7 | | | | | | | | | | | | | 3/4 | 3/16 | .109 | - |
| | SNE-K Face milling   | SNE 65K4 | | | • | | | | | | | | | | 3/4 | 5/16 | .063/.063 |
| SNG Face milling   | SNG 321 | | | | | | | | | • | • | | | 3/8 | 1/8 | 1/64 | - |
| | SNG 322 | | | | | | | | | • | • | | | 3/8 | 1/8 | 1/32 | - |
| | SNG 323 | | | | | | | | | • | • | | | 3/8 | 1/8 | 3/64 | - |
| | SNG 332 | | | | | | | | | • | • | | | 3/8 | 3/16 | 1/32 | - |
| | SNG 421 | | | | | | | | | • | • | | | 1/2 | 1/8 | 1/64 | - |
| | SNG 422 | | | | | | | | | • | • | | | 1/2 | 1/8 | 1/32 | - |
| | SNG 423 | | | | | | | | | • | • | | | 1/2 | 1/8 | 3/64 | - |
| | SNG 424 | | | | | | | | | • | • | | | 1/2 | 1/8 | 1/16 | - |
| | SNG 431 | | | | | | | | | • | • | | | 1/2 | 3/16 | 1/64 | - |
| | SNG 432 | | | | | | | | | • | • | | | 1/2 | 3/16 | 1/32 | - |
| | SNG 433 | | | | | | | | | • | • | | | 1/2 | 3/16 | 3/64 | - |
| | SNG 434 | | | | | | | | | • | • | | | 1/2 | 3/16 | 1/16 | - |
| | SNG 438 | | | | | | | | | • | • | | | 1/2 | 3/16 | 1/8 | - |
| | SNG 532 | | | | | • | | | | • | • | | | 5/8 | 3/16 | 1/32 | - |
| | SNG 533 | | | | | • | | | | • | • | | | 5/8 | 3/16 | 3/64 | - |
| | SNG 534 | | | | | • | | | | • | • | | | 5/8 | 3/16 | 1/16 | - |
| | SNG 543 | | | | | • | | | | • | • | | | 5/8 | 1/4 | 3/64 | - |
| | SNG 544 | | | | | • | | | | • | • | | | 5/8 | 1/4 | 1/16 | - |
| | SNG 631 | | | | | • | | | | • | • | | | 3/4 | 3/16 | 1/64 | - |
| | SNG 632 | | | | | • | | | | • | • | | | 3/4 | 3/16 | 1/32 | - |
| SNG 633 | | | | | • | | | | • | • | | | 3/4 | 3/16 | 3/64 | - | |
| SNG 634 | | | | | • | | | | • | • | | | 3/4 | 3/16 | 1/16 | - | |
| SNG 638 | | | | | • | | | | • | • | | | 3/4 | 3/16 | 1/8 | - | |
| SNG 843 | | | | | • | | | | • | • | | | 1 | 1/4 | 3/64 | - | |
| SNK-E Face milling   | SNK 42E2 | | | | | | | | | • | • | | | 1/2 | 1/8 | .055/.039 /.055 | - |
| | SNK 43E2 | | | | | | | | | • | • | | | 1/2 | 3/16 | .055/.039 /.055 | - |
| | SNK 53E2 | | | | | | | | | • | • | | | 5/8 | 3/16 | .099/.039 /.099 | - |
| | SNK 63E3 | | | | | | | | | • | • | | | 3/4 | 3/16 | .099/.039 /.099 | - |

Grade details, see pages 7-9

Nomenclature explanation, see pages 2-3



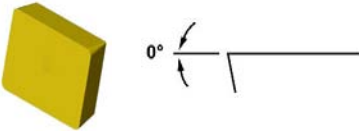
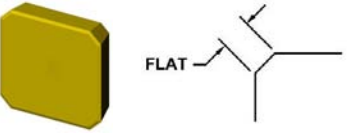
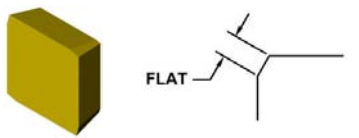
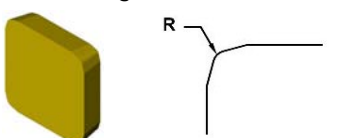
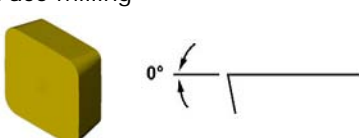
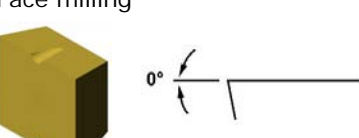
Milling Inserts for top clamping systems

| POSITIVE AND NEGATIVE RAKE MILLING for top clamping systems | Part Number | Coated | | | | | | | | Uncoated | | | | Dimensions (inches) | | | | | |
|--|---|--------------|---------|--------|--------|--------|--------|--------|-----|----------|------|------|----|---------------------|---------------|-------|------|------|---|
| | | AN2015 | AN2020 | AN2035 | AN3020 | AN3030 | AN4040 | AN4045 | AN2 | AN6 | AN23 | AN28 | IC | Thick. | Radius / Flat | Hole | | | |
| | | | | | | | | | | | | | | | | | | | |
| SNPC Face milling   | Square | SNPC 63D | | | | | | | • | | | | • | 3/4 | 3/16 | .106 | - | | |
| | SNU Face milling   | Square | SNU 322 | | | | | | | | | | | • | • | 3/8 | 1/8 | 1/32 | - |
| SNU 422 | | | | | | | | | | | | | | • | • | 1/2 | 1/8 | 1/32 | - |
| SNU 423 | | | | | | | | | | | | | | • | • | 1/2 | 1/8 | 3/64 | - |
| SNU 424 | | | | | | | | | | | | | | • | • | 1/2 | 1/8 | 1/16 | - |
| SNU 432 | | | | | | | | | | | | | | • | • | 1/2 | 3/16 | 1/32 | - |
| SNU 433 | | | | | | | | | | | | | | • | • | 1/2 | 3/16 | 3/64 | - |
| SNU 434 | | | | | | | | | | | | | | • | • | 1/2 | 3/16 | 1/16 | - |
| SNU 436 | | | | | | | | | | | | | | • | • | 1/2 | 3/16 | 3/32 | - |
| SNU 533 | | | | | | | | | | | | | | • | • | 5/8 | 3/16 | 3/64 | - |
| SNU 543 | | | | | | | | | | | | | | • | • | 5/8 | 1/4 | 3/64 | - |
| SNU 548 | | | | | | | | | | | | | | • | • | 5/8 | 1/4 | 1/8 | - |
| SNU 632 | | | | | | | | | | | | | | • | • | 3/4 | 3/16 | 1/32 | - |
| SNU 633 | | | | | | | | | | | | | | • | • | 3/4 | 3/16 | 3/64 | - |
| SNU 634 | | | | | | | | | | | | | | • | • | 3/4 | 3/16 | 1/16 | - |
| SNU 642 | | | | | | | | | | | | | | • | • | 3/4 | 1/4 | 1/32 | - |
| SNU 643 | | | | | | | | | | | | | | • | • | 3/4 | 1/4 | 3/64 | - |
| SNU 644 | | | | | | | | | | | | | | • | • | 3/4 | 1/4 | 1/16 | - |
| SNU 8512 | | | | | | | | | | | | | | • | • | 1 | 5/16 | 3/16 | - |
| SNU 8612 | | | | | | | | | | | | | | • | • | 1 | 3/8 | 3/16 | - |
| SNU 1066 | | | | | | | | | | | | | | • | • | 1-1/4 | 3/8 | 3/32 | - |
| SNUN-RC Rough milling   | Square | SNUN 63LN-RC | | | | | | | | | | | | | 3/4 | 3/16 | .015 | - | |
| | SNUN 64LN-RC | | | | | | | | | | | | | | | 3/4 | 1/4 | .015 | - |
| SPC Face milling   | Square | SPC 321 | | | | | | | | | | | | | 3/8 | 1/8 | 1/64 | - | |
| | SPC 322 | | | | | | | | | | | | | | | 3/8 | 1/8 | 1/32 | - |
| | SPC 422 | | | | | | | | | | | | | | | 1/2 | 1/8 | 1/32 | - |
| | SPC 423 | | | | | | | | | | | | | | | 1/2 | 1/8 | 3/64 | - |
| | SPC 424 | | | | | | | | | | | | | | | 1/2 | 1/8 | 1/16 | - |
| | SPC 432 | | | | | | | | | | | | | | | 1/2 | 3/16 | 1/32 | - |
| | SPC 433 | | | | | | | | | | | | | | | 1/2 | 3/16 | 3/64 | - |
| | SPC 434 | | | | | | | | | | | | | | | 1/2 | 3/16 | 1/16 | - |
| | SPC 533 | | | | | | | | | | | | | | | 5/8 | 3/16 | 3/64 | - |
| | SPC 534 | | | | | | | | | | | | | | | 5/8 | 3/16 | 1/16 | - |
| | SPC 632 | | | | | | | | | | | | | | | 3/4 | 3/16 | 1/32 | - |
| | SPC 633 | | | | | | | | | | | | | | | 3/4 | 3/16 | 3/64 | - |
| | SPC 634 | | | | | | | | | | | | | | | 3/4 | 3/16 | 1/16 | - |
| | SPC 636 | | | | | | | | | | | | | | | 3/4 | 3/16 | 3/32 | - |

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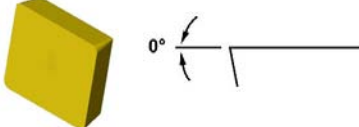
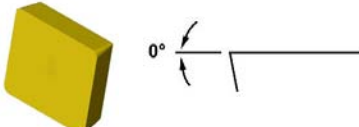
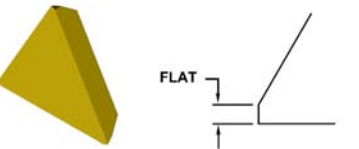
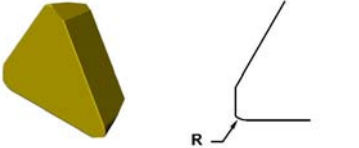
Milling Inserts for top clamping systems

| POSITIVE AND NEGATIVE RAKE MILLING for top clamping systems | Part Number | Coated | | | | | | Uncoated | | | | Dimensions (inches) | | | | | |
|---|-------------|--------|--------|--------|--------|--------|--------|----------|-----|-----|------|---------------------|----|--------|--------|------|---|
| | | AN2015 | AN2020 | AN2035 | AN3020 | AN3030 | AN4040 | AN4045 | AN2 | AN6 | AN23 | AN28 | IC | Thick. | Radius | Hole | |
| | | | | | | | | | | | | | | | | | |
| continued from previous page SPC Face milling Square  | SPC 638 | | | | | | | | | | | • | • | 3/4 | 3/16 | 1/8 | - |
| | SPC 6312 | | | | | | | | | | | • | • | 3/4 | 3/16 | 3/16 | - |
| | SPC 843 | | | | | | | | | | | • | • | 1 | 1/4 | 3/64 | - |
| SPC-A Face milling Square  | SPC 84A10 | | | • | | | | | | | | | • | 1 | 1/4 | .154 | - |
| SPC-E Face milling Square  | SPC 43E4L | | | • | | | | | | | | | • | 1/2 | 3/16 | .063 | - |
| | SPC 43E4R | | | • | | | | | | | | | • | 1/2 | 3/16 | .063 | - |
| | SPC 43E8R | | | • | | | | | | | | | • | 1/2 | 3/16 | .125 | - |
| SPC-L Face milling Square  | SPC 63L4R | | | • | | | | | | | | | • | 3/4 | 3/16 | .063 | - |
| SPCN Face milling Square  | SPCN 435SP | | | | | | | • | | | | | | 1/2 | 3/16 | 5/64 | - |
| SPEX Face milling Square  | SPEX 221 | | | | | | | | • | | | | | 1/4 | 1/8 | 1/64 | - |



Milling Inserts for top clamping systems

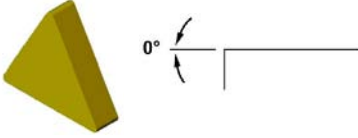
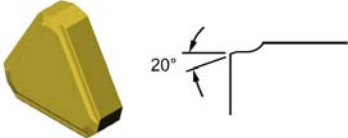
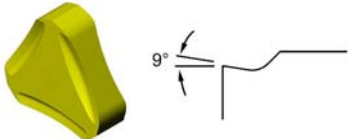
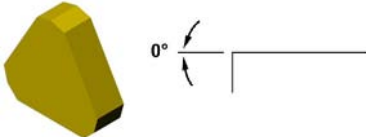
POSITIVE AND NEGATIVE RAKE MILLING for top clamping systems

| | Part Number | Coated | | | | | | | | Uncoated | | | | Dimensions (inches) | | | |
|--|-------------|--------|--------|--------|--------|--------|--------|--------|-----|----------|------|------|-----|---------------------|---------------|------|--|
| | | AN2015 | AN2020 | AN2035 | AN3020 | AN3030 | AN4040 | AN4045 | AN2 | AN6 | AN23 | AN28 | IC | Thick. | Radius / Flat | Hole | |
| | | | | | | | | | | | | | | | | | |
| SPG Face milling Square  | SPG 321 | | | • | | | | | | | • | | 3/8 | 1/8 | 1/64 | - | |
| | SPG 322 | | | • | | | | | | | • | | 3/8 | 1/8 | 1/32 | - | |
| | SPG 323 | | | • | | | | | | | • | | 3/8 | 1/8 | 3/64 | - | |
| | SPG 324 | | | • | | | | | | | • | | 3/8 | 1/8 | 1/16 | - | |
| | SPG 421 | | | • | | | | | | | • | | 1/2 | 1/8 | 1/64 | - | |
| | SPG 422 | | | • | | | | | | | • | | 1/2 | 1/8 | 1/32 | - | |
| | SPG 423 | | | • | | | | | | | • | | 1/2 | 1/8 | 3/64 | - | |
| | SPG 424 | | | • | | | | | | | • | | 1/2 | 1/8 | 1/16 | - | |
| | SPG 431 | | | • | | • | | | | | • | | 1/2 | 3/16 | 1/64 | - | |
| | SPG 432 | | | • | | • | | | | | • | | 1/2 | 3/16 | 1/32 | - | |
| | SPG 433 | | | • | | • | | | | | • | | 1/2 | 3/16 | 3/64 | - | |
| | SPG 434 | | | • | | • | | | | | • | | 1/2 | 3/16 | 1/16 | - | |
| | SPG 532 | | | • | | • | | | | | • | | 5/8 | 3/16 | 1/32 | - | |
| | SPG 534 | | | • | | • | | | | | • | | 5/8 | 3/16 | 1/16 | - | |
| | SPG 632 | | | • | | • | | | | | • | | 3/4 | 3/16 | 1/32 | - | |
| | SPG 633 | | | • | | • | | | | | • | | 3/4 | 3/16 | 3/64 | - | |
| | SPG 634 | | | • | | • | | | | | • | | 3/4 | 3/16 | 1/16 | - | |
| | SPG 638 | | | • | | • | | | | | • | | 3/4 | 3/16 | 1/8 | - | |
| | SPG 838 | | | • | | • | | | | | • | | 1 | 3/16 | 1/8 | - | |
| | SPG 842 | | | • | | • | | | | | • | | 1 | 1/4 | 1/32 | - | |
| SPG 843 | | | • | | • | | | | | • | | 1 | 1/4 | 3/64 | - | | |
| SPU Face milling Square  | SPU 422 | | | | | • | | | | • | | | 1/2 | 1/8 | 1/32 | - | |
| | SPU 432 | | | | | • | | | | • | | | 1/2 | 3/16 | 1/32 | - | |
| | SPU 433 | | | | | • | | | | • | | | 1/2 | 3/16 | 3/64 | - | |
| | SPU 532 | | | | | • | | | | • | | | 5/8 | 3/16 | 1/32 | - | |
| | SPU 548 | | | | | • | | | | • | | | 5/8 | 1/4 | 1/8 | - | |
| | SPU 632 | | | | | • | | | | • | | | 3/4 | 3/16 | 1/32 | - | |
| | SPU 633 | | | | | • | | | | • | | | 3/4 | 3/16 | 3/64 | - | |
| | SPU 634 | | | | | • | | | | • | | | 3/4 | 3/16 | 1/16 | - | |
| TEC-P Face milling Triangle  | TEC 43P2R | | | | | • | | | | | | | 1/2 | 3/16 | .031 | - | |
| TEC-TR Face milling Triangle  | TEC 22TR | | | | | • | | | | | | | 1/4 | 1/8 | .053 | - | |
| | TEC 32TR | | | | | • | | | | | | | 3/8 | 1/8 | .071 | - | |



Milling Inserts for top clamping systems

POSITIVE AND NEGATIVE RAKE MILLING for top clamping systems

| | Part Number | Coated | | | | | | Uncoated | | | | Dimensions (inches) | | | | | |
|---|----------------|--------|--------|--------|--------|--------|--------|----------|-----|-----|------|---------------------|-----|--------|---------------|-----------|---|
| | | AN2015 | AN2020 | AN2035 | AN3020 | AN3030 | AN4040 | AN4045 | AN2 | AN6 | AN23 | AN28 | IC | Thick. | Radius / Flat | Hole | |
| | | | | | | | | | | | | | | | | | |
| TNG Face milling Triangle  | TNG 221 | | | | | • | | | | | | | | 1/4 | 1/8 | 1/64 | - |
| | TNG 222 | | | | | • | | | | | | | | 1/4 | 1/8 | 1/32 | - |
| | TNG 223 | | | | | • | | | | | | | | 1/4 | 1/8 | 3/64 | - |
| | TNG 224 | | | | | • | | | | | | | | 1/4 | 1/8 | 1/16 | - |
| | TNG 321 | | | | | • | | | | | | | | 3/8 | 1/8 | 1/64 | - |
| | TNG 322 | | | | | • | | | | | | | | 3/8 | 1/8 | 1/32 | - |
| | TNG 323 | | | | | • | | | | | | | | 3/8 | 1/8 | 3/64 | - |
| | TNG 324 | | | | | • | | | | | | | | 3/8 | 1/8 | 1/16 | - |
| | TNG 331 | | | | | • | | | | | | | | 3/8 | 3/16 | 1/64 | - |
| | TNG 332 | | | | | • | | | | | | | | 3/8 | 3/16 | 1/32 | - |
| | TNG 333 | | | | | • | | | | | | | | 3/8 | 3/16 | 3/64 | - |
| | TNG 334 | | | | | • | | | | | | | | 3/8 | 3/16 | 1/16 | - |
| | TNG 431 | | | | | • | | | | | | | | 1/2 | 3/16 | 1/64 | - |
| | TNG 432 | | | | | • | | | | | | | | 1/2 | 3/16 | 1/32 | - |
| | TNG 433 | | | | | • | | | | | | | | 1/2 | 3/16 | 3/64 | - |
| | TNG 434 | | | | | • | | | | | | | | 1/2 | 3/16 | 1/16 | - |
| | TNG 438 | | | | | • | | | | | | | | 1/2 | 3/16 | 1/8 | - |
| TNG 544 | | | | | • | | | | | | | | 5/8 | 1/4 | 1/16 | - | |
| TNG 5412 | | | | | • | | | | | | | | 5/8 | 1/4 | 3/16 | - | |
| TNHF-GP Automotive milling Triangle  | TNHF 1204AN-GP | | | | • | | | | | | | | | 1/2 | 3/16 | .100/.100 | - |
| TNHF-PC Automotive milling Triangle  | TNHF 1204AN-PC | | | | • | | | | | | | | | 1/2 | 3/16 | .125 | - |
| TNHN Automotive milling Triangle  | TNHN 1204AN | | | | • | | | | | | | | | 1/2 | 3/16 | .100/.100 | - |



| POSITIVE AND NEGATIVE RAKE MILLING for top clamping systems | Part Number | Coated | | | | | | Uncoated | | | | Dimensions (inches) | | | | |
|---|-------------|--------|--------|--------|--------|--------|--------|----------|-----|-----|------|---------------------|------|-----------|---------------|------|
| | | AN2015 | AN2020 | AN2035 | AN3020 | AN3030 | AN4040 | AN4045 | AN2 | AN6 | AN23 | AN28 | IC | Thick. | Radius / Flat | Hole |
| | | | | | | | | | | | | | | | | |
| TNU Face milling Triangle | TNU 222 | | | | | | | | • | | • | 1/4 | 1/8 | 1/32 | - | |
| | TNU 322 | | | | | | | | • | | • | 3/8 | 1/8 | 1/32 | - | |
| | TNU 323 | | | | | | | | • | | • | 3/8 | 1/8 | 3/64 | - | |
| | TNU 332 | | | | | | | | • | | • | 3/8 | 3/16 | 1/32 | - | |
| | TNU 333 | | | | | | | | • | | • | 3/8 | 3/16 | 3/64 | - | |
| | TNU 432 | | | | | | | | • | | • | 1/2 | 3/16 | 1/32 | - | |
| | TNU 433 | | | | | | | | • | | • | 1/2 | 3/16 | 3/64 | - | |
| | TNU 434 | | | | | | | | • | | • | 1/2 | 3/16 | 1/16 | - | |
| | TNU 544 | | | | | • | | | • | | | 5/8 | 1/4 | 1/16 | - | |
| | TNU 666 | | | | | • | | | • | | | 3/4 | 3/8 | 3/32 | - | |
| TPC-P Face milling Triangle | TPC 32P2 | | | | | • | | | | | | 3/8 | 1/8 | .031 | - | |
| TPG Face milling Triangle | TPG 221 | | | • | | | | • | | | | 1/4 | 1/8 | 1/64 | - | |
| | TPG 222 | | | • | | | | • | | | | 1/4 | 1/8 | 1/32 | - | |
| | TPG 320 | | | • | | | | • | | | | 3/8 | 1/8 | .004 | - | |
| | TPG 321 | | | • | | | | • | | | | 3/8 | 1/8 | 1/64 | - | |
| | TPG 322 | | | • | | | | • | | | | 3/8 | 1/8 | 1/32 | - | |
| | TPG 323 | | | • | | | | • | | | | 3/8 | 1/8 | 3/64 | - | |
| | TPG 324 | | | • | | | | • | | | | 3/8 | 1/8 | 1/16 | - | |
| | TPG 431 | | | • | | | | • | | | | 1/2 | 3/16 | 1/64 | - | |
| | TPG 432 | | | • | | | | • | | | | 1/2 | 3/16 | 1/32 | - | |
| | TPG 433 | | | • | | | | • | | | | 1/2 | 3/16 | 3/64 | - | |
| | TPG 434 | | | • | | | | • | | | | 1/2 | 3/16 | 1/16 | - | |
| | TPG 438 | | | • | | | | • | | | | 1/2 | 3/16 | 1/8 | - | |
| | TPG 542 | | | • | | • | | | | | | 5/8 | 1/4 | 1/32 | - | |
| | TPG 543 | | | • | | • | | | | | | 5/8 | 1/4 | 3/64 | - | |
| TPG 544 | | | • | | • | | | | | | 5/8 | 1/4 | 1/16 | - | | |
| TPK-P Face milling Triangle | TPK 32P2R | | | | • | • | | | | | | 3/8 | 1/8 | .039/.039 | - | |
| | TPK 43P2R | | | | • | • | | | | | | 1/2 | 3/16 | .028/.055 | - | |
| TPU Face milling Triangle | TPU 221 | | | | | • | | • | | | | 1/4 | 1/8 | 1/64 | - | |
| | TPU 222 | | | | | • | | • | | | | 1/4 | 1/8 | 1/32 | - | |
| | TPU 321 | | | | | • | | • | | | | 3/8 | 1/8 | 1/64 | - | |
| | TPU 322 | | | | | • | | • | | | | 3/8 | 1/8 | 1/32 | - | |
| | TPU 323 | | | | | • | | • | | | | 3/8 | 1/8 | 3/64 | - | |
| | TPU 432 | | | | | • | | • | | | | 1/2 | 3/16 | 1/32 | - | |
| | TPU 433 | | | | | • | | • | | | | 1/2 | 3/16 | 3/64 | - | |
| TPU 434 | | | | | • | | • | | | | 1/2 | 3/16 | 1/16 | - | | |