

ISO E^{CO}TURN

Tungaloy Report No. 426S2-G

Nuevas calidades y rompevirutas para la serie más económica





Las últimas calidades y rompevirutas para mejorar el rendimiento en todas las operaciones ISO

Calidades y Rompevirutas

T9200 SERIES (CVD) PREMIUMTEC

- T9205 : Buena resistencia al desgaste
- T9215 : Primera opción para el mecanizado de acero
- T9225 : Grade with a good balance of wear resistance and fracture toughness

NS9530 (Cermet)

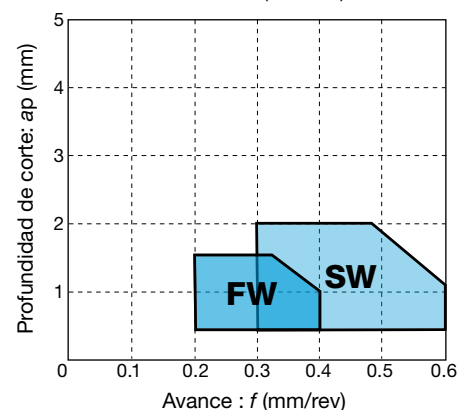
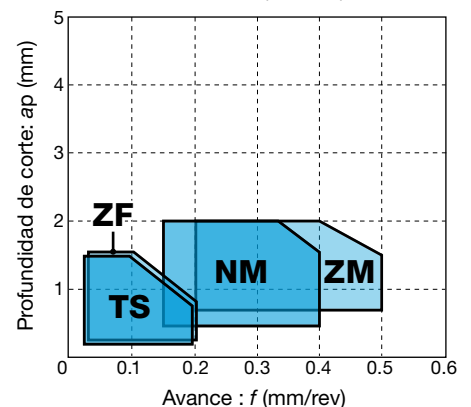
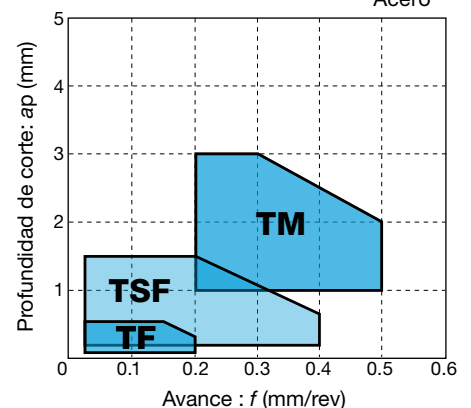
GT9530 / AT9530 (Cermet recubierto)

PREMIUMTEC

- NS9530 : Adecuada para acabado a corte medio de acero.
- GT9530 : Proporciona una durabilidad estable y un acabado superficial excelente para operaciones de acabado de acero a alta velocidad de corte.
- AT9530 : Gran resistencia al desgaste. Primera opción para mecanizado de aleaciones de acero.



Acero



AH600 SERIES (PVD)

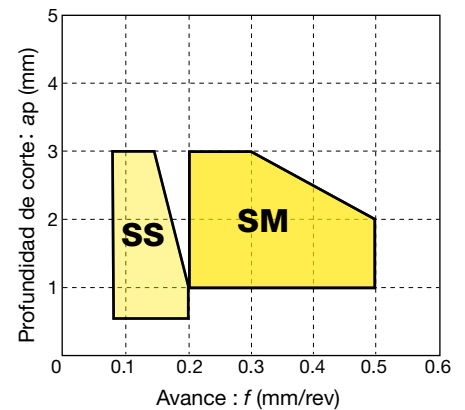
PREMIUMTEC

AH630 : Buena resistencia al desgaste y a la rotura. Buena resistencia al desgaste y a la rotura en el mecanizado de acero inoxidable a velocidades de corte bajas y medias.

AH645 : Gran resistencia a la rotura en el mecanizado de acero inoxidable.

M

Inoxidable



T6100 SERIES (CVD)

PREMIUMTEC

T6120 : Buena resistencia al desgaste en corte continuo a velocidades de corte altas.

T6130 : Gran resistencia al desgaste en velocidades de corte de medias a altas.

T515 (CVD)

PREMIUMTEC

T515 : Buena resistencia al desgaste incluso en operaciones de alto avance.

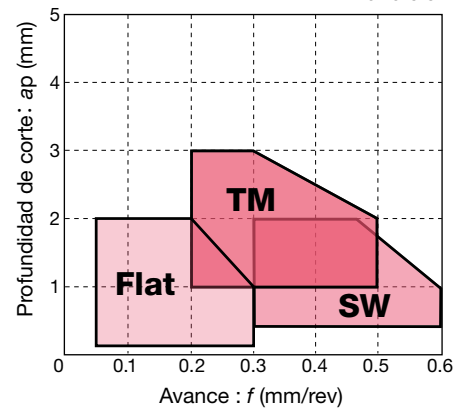
T5100 SERIES (CVD)

PREMIUMTEC

T5115 : Mecanizado estable en un amplio rango de operaciones. De corte continuo a corte con interrupciones.

K

Fundición



AH8000 SERIES (PVD)

PREMIUMTEC

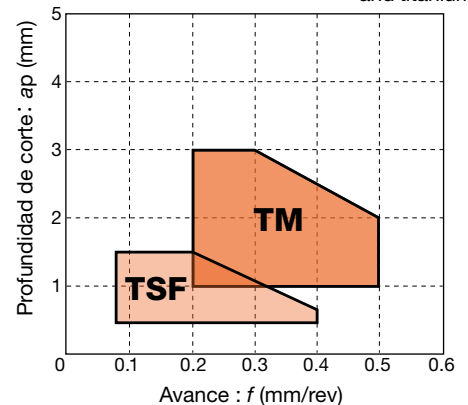
AH8015 : Buena resistencia al desgaste y a las microsoldaduras.

M

Inoxidable

S

Superalloys and titanium



AH120 (PVD)

PREMIUMTEC

AH120 : Adecuado para acero, inoxidable, fundición y aleaciones termoresistentes en condiciones de corte estándar.

P

Acero

M

Inoxidable

K

Fundición

S

Superalloys and titanium

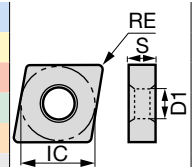
Plaquita TIPO NEGATIVO

- : Corte continuo
- ◐ : Corte ligero con interrupciones
- * : Corte pesado con interrupciones

CN

Rómbica, 80° con agujero

| | P | M | K | N | S | H | | | | | | | | | | | | | | | | | | | | |
|------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acero | ● | ◐ | ◐ | ◐ | | | ● | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ |
| Inoxidable | ● | ◐ | ◐ | ◐ | | | ● | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ |
| Fundición | ● | ◐ | ◐ | ◐ | | | ● | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ |
| No férrico | | | | ◐ | | | | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ |
| Superaleaciones | | | | ◐ | | | ● | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ |
| Materiales duros | | | | ◐ | | | ● | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ |



| Operación | Referencia | Recubrimiento | | | | | | | | | | Recubrimiento cermet | | Cermet | Tamaño (mm) | | | | |
|------------------------------------|----------------------------|---------------|-------|-------|-------|-------|-------|-------|-------|--------|------|----------------------|--------|--------|-------------|-----|-------|------|------|
| | | T9205 | T9215 | T9225 | T6120 | T6130 | AH630 | AH645 | AH120 | AH8015 | T515 | T5115 | GT9530 | AT9530 | NS9530 | RE | IC | S | D1 |
| Acabado de precisión | TF CNMG090402E-TF | ● | ● | | | | | | | | | | | | ● | 0.2 | 9.525 | 4.76 | 3.81 |
| | CNMG090404E-TF | ● | ● | | | | | | | | | | | | ● | 0.4 | 9.525 | 4.76 | 3.81 |
| | CNMG090408E-TF | ● | ● | | | | | | | | | | | | ● | 0.8 | 9.525 | 4.76 | 3.81 |
| Acabado | TSF CNMG090402E-TSF | ● | ● | | | | | | ● | ● | | | | ● | ● | 0.2 | 9.525 | 4.76 | 3.81 |
| | CNMG090404E-TSF | ● | ● | | | | | | ● | ● | | | | ● | ● | 0.4 | 9.525 | 4.76 | 3.81 |
| | CNMG090408E-TSF | ● | ● | | | | | | ● | ● | | | | ● | ● | 0.8 | 9.525 | 4.76 | 3.81 |
| Acabado | TS CNMG090402E-TS | | | | | | | | | | | | | ● | ● | 0.2 | 9.525 | 4.76 | 3.81 |
| | CNMG090404E-TS | | | | | | | | | | | | | ● | ● | 0.4 | 9.525 | 4.76 | 3.81 |
| | CNMG090408E-TS | | | | | | | | | | | | | ● | ● | 0.8 | 9.525 | 4.76 | 3.81 |
| Acabado (wiper) | FW CNMG090404E-FW | ● | ● | ● | | | | | | | | | | ● | ● | 0.4 | 9.525 | 4.76 | 3.81 |
| | CNMG090408E-FW | ● | ● | ● | | | | | | | | | | ● | ● | 0.8 | 9.525 | 4.76 | 3.81 |
| Acabado | ZF CNMG090404E-ZF | ● | ● | | | | | | | | | | | | | 0.4 | 9.525 | 4.76 | 3.81 |
| | CNMG090408E-ZF | ● | ● | | | | | | | | | | | | | 0.8 | 9.525 | 4.76 | 3.81 |
| Acabado ta corte medio (wiper) | SW CNMG090408E-SW | ● | ● | ● | | | | | | ● | | | | | | 0.8 | 9.525 | 4.76 | 3.81 |
| | CNMG090412E-SW | ● | ● | ● | | | | | | ● | | | | | | 1.2 | 9.525 | 4.76 | 3.81 |

* Comuníquese con nuestro representante de ventas si tiene consultas sobre el ajuste del programa cuando se utiliza SW/FW

- : Nuevo producto
- : Disponible

Plaquita TIPO NEGATIVO

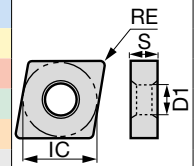
● : Corte continuo
 ●c : Corte ligero con interrupciones
 *c : Corte pesado con interrupciones

CN



Rómbica, 80° con agujero

| | | | | | | | | | | | | | | | | | | | | |
|---|------------------|--------|---|---|----|---|----|----|----|---|--|--|--|--|--|--|------|--|----|--|
| P | Acero | ●●●●c* | c | * | c* | * | ●c | | | | | | | | | | ●●●● | | ●c | |
| M | Inoxidable | ●●c | ● | c | c | * | ●c | c | | | | | | | | | ●●●● | | ●c | |
| K | Fundición | ●●●● | | | | | ●c | ●c | c | | | | | | | | ●●●● | | ●c | |
| N | No férrico | | | | | | | | ●c | c | | | | | | | | | ●c | |
| S | Superalaciones | | | | | | | | ●c | c | | | | | | | | | ●c | |
| H | Materiales duros | | | | | | | | | | | | | | | | | | | |



| Operación | Referencia | Recubrimiento | | | | | | | | | | Recubrimiento cermet | | Cermet | Tamaño (mm) | | | | |
|-----------------------|--------------------------|---------------|-------|-------|-------|-------|-------|-------|-------|--------|------|----------------------|--------|--------|-------------|-----|-------|------|------|
| | | T9205 | T9215 | T9225 | T6120 | T6130 | AH630 | AH645 | AH120 | AH8015 | T515 | T5115 | GT9530 | AT9530 | NS9530 | RE | IC | S | D1 |
| Acabado | SS CNMG090404E-SS | | | | | | ● | ● | | | | | | | | 0.4 | 9.525 | 4.76 | 3.81 |
| | CNMG090408E-SS | | | | | | ● | ● | | | | | | | | 0.8 | 9.525 | 4.76 | 3.81 |
| Corte medio | TM CNMG090404E-TM | ● | ● | ● | ● | ● | | ● | ● | ● | | | | | | 0.4 | 9.525 | 4.76 | 3.81 |
| | CNMG090408E-TM | ● | ● | ● | ● | ● | | ● | ● | ● | | | | | | 0.8 | 9.525 | 4.76 | 3.81 |
| | CNMG090412E-TM | ● | ● | ● | ● | ● | | ● | ● | ● | | | | | | 1.2 | 9.525 | 4.76 | 3.81 |
| Acabado a corte medio | ZM CNMG090408E-ZM | ● | ● | | | | | | | | | | | | | 0.8 | 9.525 | 4.76 | 3.81 |
| | CNMG090412E-ZM | ● | ● | | | | | | | | | | | | | 1.2 | 9.525 | 4.76 | 3.81 |
| Corte medio | SM CNMG090404E-SM | | | ● | ● | ● | | | | | | | | | | 0.4 | 9.525 | 4.76 | 3.81 |
| | CNMG090408E-SM | | | ● | ● | ● | | | | | | | | | | 0.8 | 9.525 | 4.76 | 3.81 |
| | CNMG090412E-SM | | | ● | ● | ● | | | | | | | | | | 1.2 | 9.525 | 4.76 | 3.81 |
| Acabado a corte medio | - CNMA090404E | | | | | | | | | ● | | | | | | 0.4 | 9.525 | 4.76 | 3.81 |
| | CNMA090408E | | | | | | | | | ● | | | | | | 0.8 | 9.525 | 4.76 | 3.81 |
| | CNMA090412E | | | | | | | | | ● | | | | | | 1.2 | 9.525 | 4.76 | 3.81 |
| | CNMA090416E | | | | | | | | | ● | | | | | | 1.6 | 9.525 | 4.76 | 3.81 |

● : Nuevo producto
 ● : Disponible

Plaquita TIPO NEGATIVO

- : Corte continuo
- ◐ : Corte ligero con interrupciones
- ✱ : Corte pesado con interrupciones

| Operación | | Referencia | Recubrimiento | | | | | | | | | | Recubrimiento cermet | | Cermet | Tamaño (mm) | | | | | |
|-------------------------------|------------|------------------------|---------------|-------|-------|-------|-------|-------|-------|-------|--------|------|----------------------|--------|--------|-------------|----|-----|-------|------|------|
| | | | T9205 | T9215 | T9225 | T6120 | T6130 | AH630 | AH645 | AH120 | AH8015 | T515 | T5115 | GT9530 | AT9530 | NS9530 | RE | IC | S | D1 | |
| Acabado de precisión | TF | DNMG110402E-TF | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | 0.2 | 9.525 | 4.76 | 3.81 |
| | | DNMG110404E-TF | ● | ● | | | | | | | | | | | | | ● | 0.4 | 9.525 | 4.76 | 3.81 |
| | | DNMG110408E-TF | ● | ● | | | | | | | | | | | | | ● | 0.8 | 9.525 | 4.76 | 3.81 |
| Acabado | TSF | DNMG110402E-TSF | ● | ● | | | | | ● | ● | | | ● | ● | ● | ● | ● | 0.2 | 9.525 | 4.76 | 3.81 |
| | | DNMG110404E-TSF | ● | ● | | | | | ● | ● | | | ● | ● | ● | ● | ● | 0.4 | 9.525 | 4.76 | 3.81 |
| | | DNMG110408E-TSF | ● | ● | | | | | ● | ● | | | ● | ● | ● | ● | ● | 0.8 | 9.525 | 4.76 | 3.81 |
| | | DNMG110412E-TSF | ● | ● | | | | | ● | ● | | | ● | ● | ● | ● | ● | 1.2 | 9.525 | 4.76 | 3.81 |
| Acabado | TS | DNMG110402E-TS | | | | | | | | | | | | | | ● | ● | 0.2 | 9.525 | 4.76 | 3.81 |
| | | DNMG110404E-TS | | | | | | | | | | | | | | ● | ● | 0.4 | 9.525 | 4.76 | 3.81 |
| | | DNMG110408E-TS | | | | | | | | | | | | | | ● | ● | 0.8 | 9.525 | 4.76 | 3.81 |
| Acabado (wiper) | FW | DNMG110404E-FW | ● | | | | | | | | | | | | | | | 0.4 | 9.525 | 4.76 | 3.81 |
| | | DNMG110408E-FW | ● | | | | | | | | | | | | | | | 0.8 | 9.525 | 4.76 | 3.81 |
| Acabado | ZF | DNMG110404E-ZF | ● | ● | | | | | | | | | | | | | | 0.4 | 9.525 | 4.76 | 3.81 |
| | | DNMG110408E-ZF | ● | ● | | | | | | | | | | | | | | 0.8 | 9.525 | 4.76 | 3.81 |
| Acabado a corte medio (wiper) | SW | DNMG110408E-SW | ● | | | | | | | | | | | | | | | 0.8 | 9.525 | 4.76 | 3.81 |
| | | DNMG110412E-SW | ● | | | | | | | | | | | | | | | 1.2 | 9.525 | 4.76 | 3.81 |

* Comuníquese con nuestro representante de ventas si tiene consultas sobre el ajuste del programa cuando se utiliza SW/FW

- : Nuevo producto
- : Disponible

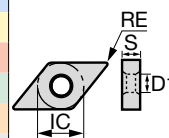
Plaquita TIPO NEGATIVO

- : Corte continuo
- ◐ : Corte ligero con interrupciones
- ⊛ : Corte pesado con interrupciones

DN

| | |
|---|------------------|
| P | Acero |
| M | Inoxidable |
| K | Fundición |
| N | No férrico |
| S | Superalcaciones |
| H | Materiales duros |

Rómbica, 55° con agujero



| Operación | Referencia | Recubrimiento | | | | | | | | | | Recubrimiento cermet | | Cermet | Tamaño (mm) | | | | | | |
|-----------------------|--------------------------|---------------|-------|-------|-------|-------|-------|-------|-------|--------|------|----------------------|--------|--------|-------------|----|----|-----|-------|------|------|
| | | T9205 | T9215 | T9225 | T6120 | T6130 | AH630 | AH645 | AH120 | AH8015 | T515 | T5115 | GT9530 | AT9530 | NS9530 | RE | IC | S | D1 | | |
| Acabado | SS DNMG110404E-SS | | | | | | ● | ● | | | | | | | | | | 0.4 | 9.525 | 4.76 | 3.81 |
| | DNMG110408E-SS | | | | | | ● | ● | | | | | | | | | | 0.8 | 9.525 | 4.76 | 3.81 |
| Corte medio | TM DNMG110404E-TM | | ● | ● | | | | | ● | ● | | | | | | | | 0.4 | 9.525 | 4.76 | 3.81 |
| | DNMG110408E-TM | | ● | ● | | | | | ● | ● | | | | | | | | 0.8 | 9.525 | 4.76 | 3.81 |
| | DNMG110412E-TM | | ● | ● | | | | | ● | ● | | | | | | | | 1.2 | 9.525 | 4.76 | 3.81 |
| Acabado a corte medio | ZM DNMG110408E-ZM | | ● | ● | | | | | | | | | | | | | | 0.8 | 9.525 | 4.76 | 3.81 |
| | DNMG110412E-ZM | | ● | ● | | | | | | | | | | | | | | 1.2 | 9.525 | 4.76 | 3.81 |
| Corte medio | SM DNMG110404E-SM | | | | ● | ● | ● | | | | | | | | | | | 0.4 | 9.525 | 4.76 | 3.81 |
| | DNMG110408E-SM | | | | ● | ● | ● | | | | | | | | | | | 0.8 | 9.525 | 4.76 | 3.81 |
| Acabado a corte medio | - DNMA110404E | | | | | | | | | ● | | | | | | | | 0.4 | 9.525 | 4.76 | 3.81 |
| | DNMA110408E | | | | | | | | | ● | | | | | | | | 0.8 | 9.525 | 4.76 | 3.81 |
| | DNMA110412E | | | | | | | | | ● | | | | | | | | 1.2 | 9.525 | 4.76 | 3.81 |

● : Nuevo producto
● : Disponible

Plaquita TIPO NEGATIVO

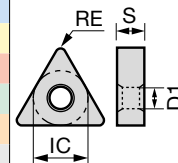
- : Corte continuo
- ◐ : Corte ligero con interrupciones
- ◑ : Corte pesado con interrupciones

TN



**Trigonal, 60°
con agujero**

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|------------------|---|---|---|---|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| P | Acero | ● | ● | ● | ◐ | ◑ | ● | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M | Inoxidable | | ● | ● | | ● | ● | ● | ● | | | | | | | | | | | | | | | | | | | | | | | | |
| K | Fundición | ● | ● | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N | No férrico | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S | Superalcaciones | | | | | | | ● | ● | ● | | | | | | | | | | | | | | | | | | | | | | | |
| H | Materiales duros | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Operación | Referencia | | Recubrimiento | | | | | | | | | | Recubrimiento cermet | | Cermet | Tamaño (mm) | | | | | |
|-----------------------------------|------------|-----------------|---------------|-------|-------|-------|-------|-------|-------|-------|--------|------|----------------------|--------|--------|-------------|----|-----|------|------|------|
| | | | T9205 | T9215 | T9225 | T6120 | T6130 | AH630 | AH645 | AH120 | AH8015 | T515 | T5115 | GT9530 | AT9530 | NS9530 | RE | IC | S | D1 | |
| Acabado de precisión | TF | TNMG110402E-TF | ● | ● | | | | | | | | | | | | ● | | 0.2 | 6.35 | 4.76 | 2.26 |
| | | TNMG110404E-TF | ● | ● | | | | | | | | | | | | ● | | 0.4 | 6.35 | 4.76 | 2.26 |
| | | TNMG110408E-TF | ● | ● | | | | | | | | | | | | ● | | 0.8 | 6.35 | 4.76 | 2.26 |
| Acabado | TSF | TNMG110402E-TSF | ● | ● | | | | | | | | | | ● | | ● | | 0.2 | 6.35 | 4.76 | 2.26 |
| | | TNMG110404E-TSF | ● | ● | | | | | | | | | | ● | ● | ● | | 0.4 | 6.35 | 4.76 | 2.26 |
| | | TNMG110408E-TSF | ● | ● | | | | | | | | | | ● | ● | ● | | 0.8 | 6.35 | 4.76 | 2.26 |
| Acabado (wiper) | FW | TNMG110404E-FW | ● | | | | | | | | | | | | | | | 0.4 | 6.35 | 4.76 | 2.26 |
| | | TNMG110408E-FW | ● | | | | | | | | | | | | | | | 0.8 | 6.35 | 4.76 | 2.26 |
| Acabado a corte medio (wiper) | SW | TNMG110408E-SW | ● | | | | | | | | | | | | | | | 0.8 | 6.35 | 4.76 | 2.26 |
| | | TNMG110412E-SW | ● | | | | | | | | | | | | | | | 1.2 | 6.35 | 4.76 | 2.26 |
| | | * Wiper | | | | | | | | | | | | | | | | | | | |

* Comuníquese con nuestro representante de ventas si tiene consultas sobre el ajuste del programa cuando se utiliza SW/FW

- : Nuevo producto
- : Disponible

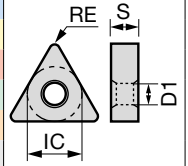
Plaquita TIPO NEGATIVO


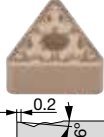
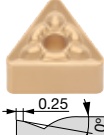

- : Corte continuo
- ◐ : Corte ligero con interrupciones
- ✱ : Corte pesado con interrupciones

TN

 **Trigonal 60° con agujero**

| Material | T9205 | T9215 | T9225 | T6120 | T6130 | AH630 | AH645 | AH120 | AH8015 | T515 | T5115 | GT9530 | AT9530 | NS9530 | Other |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|------|-------|--------|--------|--------|-------|
| P Acero | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| M Inoxidable | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | | | |
| K Fundición | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| N No férrico | | | | | | | | | | | | | | | |
| S Superaleaciones | | | | | | | | | | ● | ● | | | | |
| H Materiales duros | | | | | | | | | | | | | | | |



| Operación | Referencia | Recubrimiento | | | | | | | | | | Recubrimiento cermet | | Cermet | | Tamaño (mm) | | | |
|-----------------------|---|---------------|-------|-------|-------|-------|-------|-------|-------|--------|------|----------------------|--------|--------|--------|-------------|------|------|------|
| | | T9205 | T9215 | T9225 | T6120 | T6130 | AH630 | AH645 | AH120 | AH8015 | T515 | T5115 | GT9530 | AT9530 | NS9530 | RE | IC | S | D1 |
| Acabado | SS TNMG110404E-SS  | | | | | | ● | ● | | | | | | | | 0.4 | 6.35 | 4.76 | 2.26 |
| | TNMG110408E-SS | | | | | | ● | ● | | | | | | | | 0.8 | 6.35 | 4.76 | 2.26 |
| Corte medio | TM TNMG110404E-TM  | | ● | ● | | | | | | | | | | | | 0.4 | 6.35 | 4.76 | 2.26 |
| | TNMG110408E-TM | | ● | ● | | | | | | | | | | | | 0.8 | 6.35 | 4.76 | 2.26 |
| | TNMG110412E-TM | | ● | ● | | | | | | | | | | | | 1.2 | 6.35 | 4.76 | 2.26 |
| Acabado a corte medio | SM TNMG110404E-SM  | | | | | ● | ● | ● | | | | | | | | 0.4 | 6.35 | 4.76 | 2.26 |
| | TNMG110408E-SM | | | | | ● | ● | ● | | | | | | | | 0.8 | 6.35 | 4.76 | 2.26 |
| Acabado a corte medio | - TNMA110404E  | | | | | | | | | ● | | | | | | 0.4 | 6.35 | 4.76 | 2.26 |
| | TNMA110408E | | | | | | | | | ● | | | | | | 0.8 | 6.35 | 4.76 | 2.26 |
| | TNMA110412E | | | | | | | | | ● | | | | | | 1.2 | 6.35 | 4.76 | 2.26 |

● : Disponible

Plaquita TIPO NEGATIVO

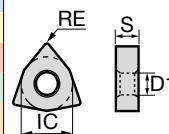
- : Corte continuo
- ◐ : Corte ligero con interrupciones
- ✱ : Corte pesado con interrupciones

WN



Trigonal, 80° con agujero

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P Acero | ● | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | |
| M Inoxidable | ● | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ |
| K Fundición | ● | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ |
| N No férrico | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ |
| S Superaleaciones | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ |
| H Materiales duros | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ | ◐ |



| Operación | Referencia | | Recubrimiento | | | | | | | | | | Recubrimiento cermet | | Cermet | Tamaño (mm) | | | | | | |
|-------------------------------|------------|----------------------------|---------------|-------|-------|-------|-------|-------|-------|-------|--------|------|----------------------|--------|--------|-------------|----|----|-----|-------|------|------|
| | | | T9205 | T9215 | T9225 | T6120 | T6130 | AH630 | AH645 | AH120 | AH8015 | T515 | T5115 | GT9530 | AT9530 | NS9530 | RE | IC | S | D1 | | |
| Acabado de precisión | | TF WNMG060402E-TF | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | 0.2 | 9.525 | 4.76 | 3.81 |
| | | WNMG060404E-TF | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | 0.4 | 9.525 | 4.76 | 3.81 |
| | | WNMG060408E-TF | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | 0.8 | 9.525 | 4.76 | 3.81 |
| Acabado | | TSF WNMG060402E-TSF | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | 0.2 | 9.525 | 4.76 | 3.81 |
| | | WNMG060404E-TSF | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | 0.4 | 9.525 | 4.76 | 3.81 |
| | | WNMG060408E-TSF | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | 0.8 | 9.525 | 4.76 | 3.81 |
| | | WNMG060412E-TSF | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | 1.2 | 9.525 | 4.76 | 3.81 |
| Acabado | | TS WNMG060402E-TS | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | 0.2 | 9.525 | 4.76 | 3.81 |
| | | WNMG060404E-TS | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | 0.4 | 9.525 | 4.76 | 3.81 |
| | | WNMG060408E-TS | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | 0.8 | 9.525 | 4.76 | 3.81 |
| Acabado (wiper) | | FW WNMG060404E-FW | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | 0.4 | 9.525 | 4.76 | 3.81 |
| | | WNMG060408E-FW | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | 0.8 | 9.525 | 4.76 | 3.81 |
| Acabado | | ZF WNMG060404E-ZF | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | 0.4 | 9.525 | 4.76 | 3.81 |
| | | WNMG060408E-ZF | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | 0.8 | 9.525 | 4.76 | 3.81 |
| Acabado a corte medio (wiper) | | SW WNMG060408E-SW | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | 0.8 | 9.525 | 4.76 | 3.81 |
| | | WNMG060412E-SW | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | 1.2 | 9.525 | 4.76 | 3.81 |
| Acabado | | SS WNMG060404E-SS | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | 0.4 | 9.525 | 4.76 | 3.81 |
| | | WNMG060408E-SS | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | 0.8 | 9.525 | 4.76 | 3.81 |
| | | WNMG060412E-SS | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | 1.2 | 9.525 | 4.76 | 3.81 |

* Comuníquese con nuestro representante de ventas si tiene consultas sobre el ajuste del programa cuando se utiliza SW/FW

● : Nuevo producto
● : Disponible

Plaquita TIPO NEGATIVO

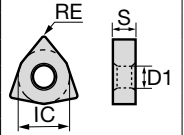
- : Corte continuo
- ◐ : Corte ligero con interrupciones
- ◑ : Corte pesado con interrupciones

WN



Trigonal, 80° con agujero

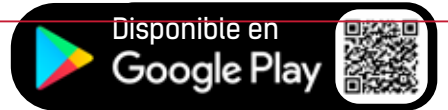
| | |
|---|------------------|
| P | Acero |
| M | Inoxidable |
| K | Fundición |
| N | No férrico |
| S | Superaloaciones |
| H | Materiales duros |



| Operación | Rompevirutas | Referencia | Recubrimiento | | | | | | | | | | Recubrimiento cermet | Cermet | Tamaño (mm) | | | | | |
|-----------------------|--------------|-----------------------|---------------|-------|-------|-------|-------|-------|-------|-------|--------|------|----------------------|--------|-------------|--------|-----|-------|------|------|
| | | | T9205 | T9215 | T9225 | T6120 | T6130 | AH630 | AH645 | AH120 | AH8015 | T515 | T5115 | GT9530 | AT9530 | NS9530 | RE | IC | S | D1 |
| Corte medio | TM | WNMG060404E-TM | ● | ● | | | | | | | | | | | | | 0.4 | 9.525 | 4.76 | 3.81 |
| | | WNMG060408E-TM | ● | ● | | | | | | | | | | | | | 0.8 | 9.525 | 4.76 | 3.81 |
| | | WNMG060412E-TM | ● | ● | | | | | | | | | | | | | 1.2 | 9.525 | 4.76 | 3.81 |
| Acabado a corte medio | NM | WNMG060412E-NM | | | ● | | | | | | | | | | | | 1.2 | 9.525 | 4.76 | 3.81 |
| | ZM | WNMG060408E-ZM | ● | ● | | | | | | | | | | | | | 0.8 | 9.525 | 4.76 | 3.81 |
| | | WNMG060412E-ZM | ● | ● | | | | | | | | | | | | | 1.2 | 9.525 | 4.76 | 3.81 |
| Corte medio | SM | WNMG060404E-SM | | | | ● | ● | ● | | | | | | | | | 0.4 | 9.525 | 4.76 | 3.81 |
| | | WNMG060408E-SM | | | | ● | ● | ● | | | | | | | | | 0.8 | 9.525 | 4.76 | 3.81 |
| | | WNMG060412E-SM | | | | ● | ● | ● | | | | | | | | | 1.2 | 9.525 | 4.76 | 3.81 |
| Acabado a corte medio | - | WNMA060404E | | | | | | | | | | | | | | | 0.4 | 9.525 | 4.76 | 3.81 |
| | | WNMA060408E | | | | | | | | | | | | | | | 0.8 | 9.525 | 4.76 | 3.81 |
| | | WNMA060412E | | | | | | | | | | | | | | | 1.2 | 9.525 | 4.76 | 3.81 |
| | | WNMA060416E | | | | | | | | | | | | | | | 1.6 | 9.525 | 4.76 | 3.81 |

● : Nuevo producto
● : Disponible

DESCUBRE NUESTRA APP



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