



TURNING - Holders

Designation system .A256

 Holders selection .A258

Clamping system details .A266

 Boring bars features .A272

 Holders range .A277

NT	-	D	C	L	N	R	20	20	K	-	12	X
		1	2	3	4	5	6	7	8		9	10

ACCORDING TO NIKKO STANDARD (OPTIONAL);
 -CH = COOL HOLDERS, HIGH PRESSURE COOLANT
 HOLDERS.

1	CLAMPING SYSTEM
C	top clamp
D	double clamp
M	multi-lock
P	lever-lock
S	screw clamp

2	INSERT SHAPE
C	80° rhombic
D	55° rhombic
R	round
S	90° square
T	60° triangular
V	35° rhombic
W	80° trigon

3	CUTTING ANGLE (KAPR)	
A	90° without offset	
B	75°	
C	90°	
D	45° neutral	
E	60°	
F	90°	
G	90° without offset	
H	107.5°	
J	93°	
K	75°	
L	95°	

4	INSERT RELIEF ANGLE
B	5°
C	7°
D	15°
E	20°
N	0°
P	11°

5	DIRECTION
Symbol	Shape
L	
N	
R	

6	SHANK HEIGHT (H)
∞	

7	SHANK WIDTH (B)
∞	

8	HOLDER LENGTH (LF)
Symbol	
F	80 mm
G	90 mm
H	100 mm
J	110 mm
K	125 mm
L	140 mm
M	150 mm
N	160 mm
P	170 mm
Q	180 mm
R	200 mm
X	NIKKO norm

9	INSERT SIZE
∞	

10	ACCORDING TO NIKKO NORM (OPTIONAL)
∞	

NT	-	V	12	M	-	S	C	L	C	R/L	06	-	14
		1	2	3		4	5	6	7	8	9		10

1	HOLDER STYLE
A	steel boring bar with coolant hole
C	carbide boring bar without coolant hole
E	carbide boring bar with coolant hole
S	steel boring bar without coolant hole
V	High quality steel boring bar with Vortex design and coolant hole

2	BORING BAR DIAMETER (DCON)
	DCON

3	HOLDER LENGTH (LF)
Symbol	
F	80 mm
G	90 mm
H	100 mm
J	110 mm
K	125 mm
L	140 mm
M	150 mm
N	160 mm
P	170 mm
Q	180 mm
R	200 mm
S	250 mm
T	300 mm
U	350 mm
V	400 mm
W	450 mm
Y	500 mm
X	NIKKO norm

4	CLAMPING SYSTEM
C	top clamp
D	double clamp
M	multi-lock
P	lever-lock
S	screw clamp

5	INSERT SHAPE
C	80° rhombic
D	55° rhombic
R	round
S	90° square
T	60° triangular
V	35° rhombic
W	80° trigon

6	CUTTING ANGLE (KAPR)		
A	90° without offset 	N	63°
B	75° 	P	117.5°
C	90° 	Q	45°
D	45° neutral 	R	75°
E	60° 	S	45°
F	90° 	T	60°
G	90° without offset 	U	93°
H	107.5° 	V	72.5°
J	93° 	W	60°
K	75° 	Y	85°
L	95° 		

7	INSERT RELIEF ANGLE
B	5°
C	7°
D	15°
E	20°
N	0°
P	11°

8	DIRECTION
Symbol	Shape
L	
R	

9	INSERT SIZE

10	MINIMUM BORE DIAMETER (DMIN)

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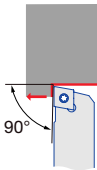
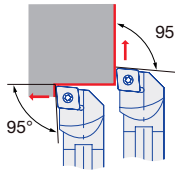
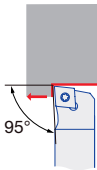
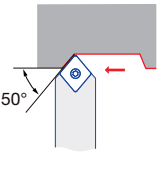
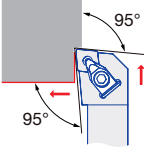
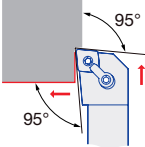
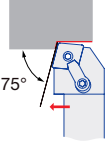
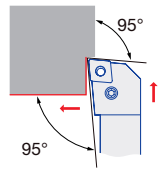
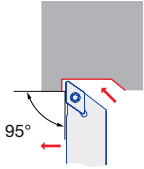
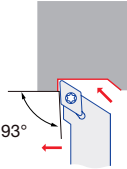
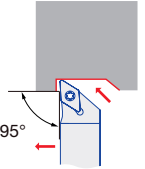
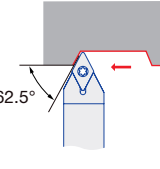
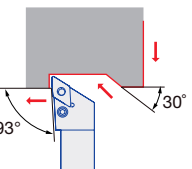
C - GROOVING

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CC _∞	<p>SCAC</p>  <p>A277</p>	<p>SCLC S</p>  <p>A279</p>	<p>SCLC N</p>  <p>A278</p>	<p>SCMC</p>  <p>A280</p>
CN _∞	<p>DCLN</p>  <p>A288</p>	<p>MCKN</p>  <p>A289</p>	<p>MCLN</p>  <p>A290</p>	<p>MCRN</p>  <p>A291</p>
CN _∞	<p>PCLN</p>  <p>A292</p>			
DC _∞	<p>SDAC</p>  <p>A296</p>	<p>SDJC</p>  <p>A297</p>	<p>SDJC N</p>  <p>A298</p>	<p>SDNC</p>  <p>A300</p>
DN _∞	<p>DDJN</p>  <p>A310</p>	<p>MDJN</p>  <p>A311</p>	<p>PDJN</p>  <p>A312</p>	
SC _∞	<p>SSDC</p>  <p>A323</p>			

SN ₀₀	<p>MSBN</p> <p>A328</p>	<p>MSDN</p> <p>A329</p>	<p>MSKN</p> <p>A330</p>	<p>MSSN</p> <p>A331</p>
TC ₀₀	<p>STAC</p> <p>A335</p>	<p>STFC</p> <p>A336</p>	<p>STGC</p> <p>A337</p>	
TN ₀₀	<p>DTGN</p> <p>A342</p>	<p>DTJN</p> <p>A343</p>	<p>MTJN</p> <p>A344</p>	
VB ₀₀	<p>SVHB</p> <p>A349</p>	<p>SVJB</p> <p>A350</p>	<p>SVJB N</p> <p>A351</p>	<p>SWB</p> <p>A352</p>
VC ₀₀	<p>SVJC</p> <p>A354</p>	<p>SVJC N</p> <p>A355</p>	<p>SVPC</p> <p>A356</p>	<p>SWC</p> <p>A357</p>
VN ₀₀	<p>DVJN</p> <p>A362</p>	<p>DWN</p> <p>A363</p>	<p>MVJN</p> <p>A364</p>	<p>MVJN</p> <p>A365</p>

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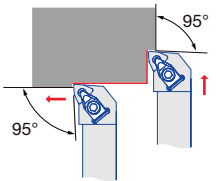
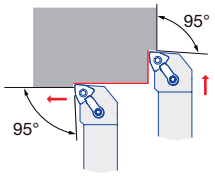
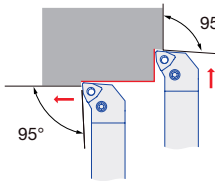
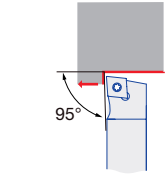
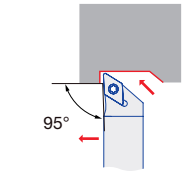
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<p>WN_∞</p>	<p>DWLN</p>  <p>A370</p>	<p>MWLN</p>  <p>A371</p>	<p>PWLN</p>  <p>A372</p>	
<p>MicroNega</p>	<p>MCN</p>  <p>A317</p>	<p>MDN</p>  <p>A319</p>		

CC _∞	<p>SCLC</p> <p>DMIN: 8 mm</p> <ul style="list-style-type: none"> A <input type="checkbox"/> A281 E <input type="checkbox"/> A283 S <input type="checkbox"/> A284 V <input type="checkbox"/> A286 	<p>SCZC</p> <p>DMIN: 12 mm</p> <ul style="list-style-type: none"> S <input type="checkbox"/> A285 	
	CN _∞	<p>DCLN</p> <p>DMIN: 32 mm</p> <ul style="list-style-type: none"> A <input type="checkbox"/> A293 	<p>MCLN</p> <p>DMIN: 25 mm</p> <ul style="list-style-type: none"> S <input type="checkbox"/> A296
DC _∞		<p>SDQC</p> <p>DMIN: 13 mm</p> <ul style="list-style-type: none"> S <input type="checkbox"/> A304 V <input type="checkbox"/> A307 	<p>SDUC</p> <p>DMIN: 13 mm</p> <ul style="list-style-type: none"> A <input type="checkbox"/> A302 E <input type="checkbox"/> A303 S <input type="checkbox"/> A305 V <input type="checkbox"/> A308
	DN _∞	<p>DDUN</p> <p>DMIN: 32 mm</p> <ul style="list-style-type: none"> A <input type="checkbox"/> A313 	<p>MDUN</p> <p>DMIN: 40 mm</p> <ul style="list-style-type: none"> S <input type="checkbox"/> A314
MCC		<p>MICRO-CC</p> <p>DMIN: 5 mm</p> <ul style="list-style-type: none"> E <input type="checkbox"/> A315 V <input type="checkbox"/> A316 	
	SC _∞	<p>SSKC</p> <p>DMIN: 16 mm</p> <ul style="list-style-type: none"> S <input type="checkbox"/> A324 	

- A** Steel with coolant
- E** Carbide with coolant
- S** Steel without coolant
- V** Vortex with coolant

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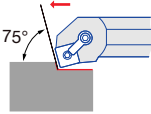
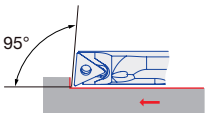
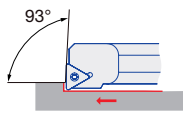
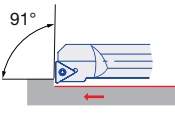
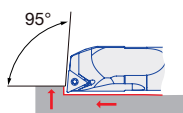
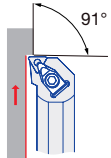
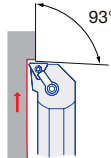
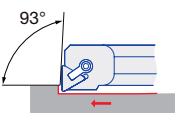
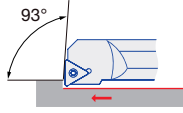
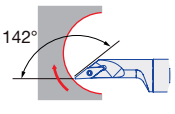
C - GROOVING

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SN _∞	<p>MSKN</p>  <p>DMIN: 25 mm</p> <p>S <input type="checkbox"/> A332</p>			
TB _∞	<p>STLB</p>  <p>DMIN: 7 mm</p> <p>V <input type="checkbox"/> A334</p>	<p>STUB</p>  <p>DMIN: 10 mm</p> <p>S <input type="checkbox"/> A333</p>		
TC _∞	<p>STFC</p>  <p>DMIN: 12 mm</p> <p>A <input type="checkbox"/> A338 E <input type="checkbox"/> A339 S <input type="checkbox"/> A340</p>	<p>STLC</p>  <p>DMIN: 14 mm</p> <p>V <input type="checkbox"/> A341</p>		
TN _∞	<p>DTFN</p>  <p>DMIN: 32 mm</p> <p>A <input type="checkbox"/> A345</p>	<p>MTUN</p>  <p>DMIN: 25 mm</p> <p>S <input type="checkbox"/> A346</p>		
TP _∞	<p>CTUP</p>  <p>DMIN: 16 mm</p> <p>S <input type="checkbox"/> A347</p>	<p>STUP</p>  <p>DMIN: 12 mm</p> <p>S <input type="checkbox"/> A348</p>		
VB _∞	<p>SVJB</p>  <p>DMIN: 25 mm</p> <p>V <input type="checkbox"/> A353</p>			

- A** Steel with coolant
- E** Carbide with coolant
- S** Steel without coolant
- V** Vortex with coolant

VC _∞	<p>SVJC</p> <p>DMIN: 14 mm S <input type="checkbox"/> A358</p>	<p>SVQC</p> <p>DMIN: 22 mm S <input type="checkbox"/> A359</p>	<p>SVUC</p> <p>DMIN: 22 mm S <input type="checkbox"/> A360</p>
	<p>SVZC</p> <p>DMIN: 30 mm S <input type="checkbox"/> A361</p>		
VN _∞	<p>MVQN</p> <p>DMIN: 33 mm S <input type="checkbox"/> A366</p>	<p>MVUN</p> <p>DMIN: 37 mm S <input type="checkbox"/> A367</p>	
	<p>SWUB</p> <p>DMIN: 6 mm V <input type="checkbox"/> A368</p>		
WC _∞	<p>SWUC</p> <p>DMIN: 14 mm V <input type="checkbox"/> A369</p>		
WN _∞	<p>DWLN</p> <p>DMIN: 32 mm A <input type="checkbox"/> A373</p>	<p>MWLN</p> <p>DMIN: 22 mm S <input type="checkbox"/> A375</p>	<p>PWLN</p> <p>DMIN: 30 mm A <input type="checkbox"/> A374</p>

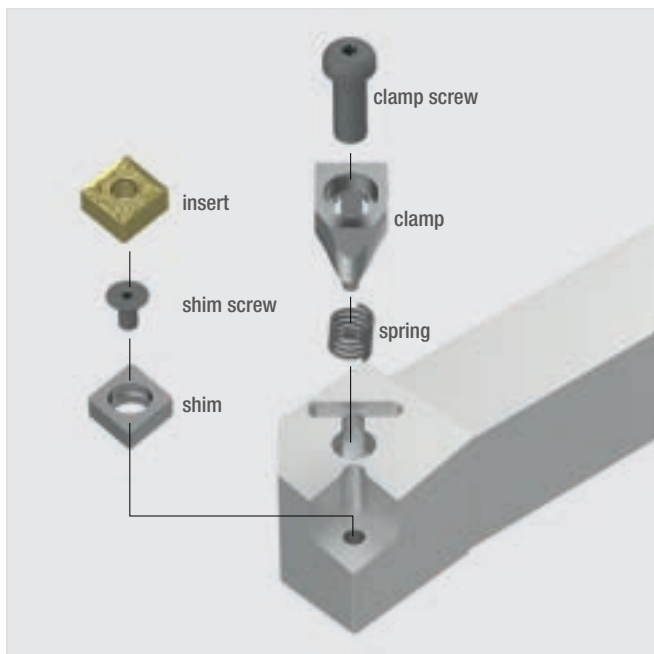
- A** Steel with coolant
- E** Carbide with coolant
- S** Steel without coolant
- V** Vortex with coolant

	MCN		MDN	
MicroNega				
	DMIN: 10 mm	V <input type="checkbox"/> A318	DMIN: 15 mm	V <input type="checkbox"/> A320

- A** Steel with coolant
- E** Carbide with coolant
- S** Steel without coolant
- V** Vortex with coolant

D CLAMPING

- Fast and reliable double clamping system
 - The insert is pushed down against the holder's seat with a single action.
 - Excellent repeatability and accuracy thanks to the strong clamping forces that assure a perfect contact between shim and insert.
 - Optimized design to avoid chip interferences.
- Doppio sistema di serraggio rapido e affidabile
 - L'inserto viene spinto verso il basso e contro la sede con una singola operazione.
 - Eccellenti ripetibilità e precisione grazie alla forza di serraggio che assicura perfetto contatto con il sotto-plachetta
 - Design ottimizzato per evitare interferenze del truciolo.
- Schnelles und zuverlässiges Doppelspannsystem
 - Die Wendeschneidplatte wird in einem Arbeitsgang nach unten und gegen die Aufnahme gedrückt.
 - Hervorragende Wiederholbarkeit und Genauigkeit durch hohe Spannkräfte, die den perfekten Kontakt zwischen Ausgleichsstücken und Wendeschneidplatte gewährleisten.
 - Optimierte Ausführung zur Vermeidung von Spaninterferenzen.
- Double système de serrage rapide et fiable
 - La plaquette est poussée vers le bas et contre le logement en une seule opération.
 - Excellente répétabilité et précision grâce à d'importantes forces de serrage qui assurent un contact parfait entre l'assise et la plaquette.
 - Conception optimisée pour éviter les bourrages copeaux.



D CLAMPING

EXTERNAL



DCLN (CN ∞)



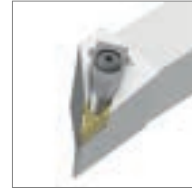
DDJN (DN ∞)



DTGN (TN ∞)



DTJN (TN ∞)



DVJN (VN ∞)



DWLN (WN ∞)

INTERNAL



A DCLN (CN ∞)



A DDUN (DN ∞)



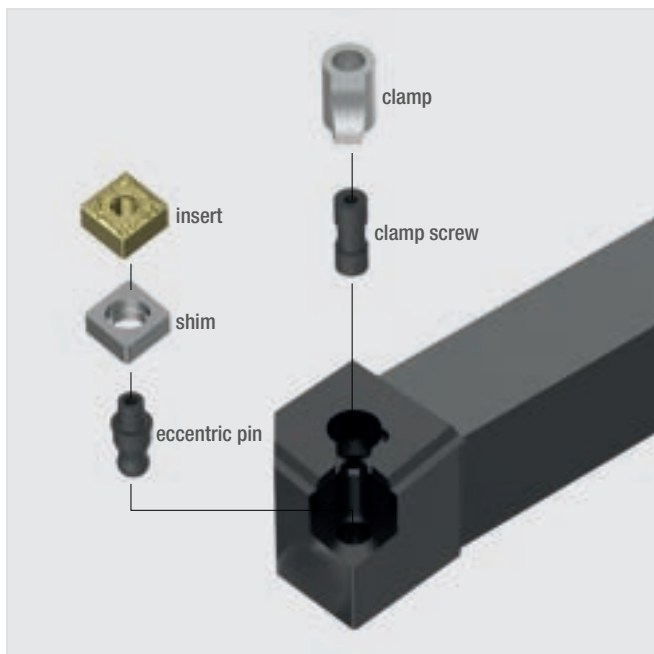
A DTFN (TN ∞)



A DWLN (WN ∞)

M CLAMPING

- Combination of top clamping and eccentric pin-lock.
 - Rigid clamping, perfect for ceramic and solid PCBN inserts.
 - Good solution for heavy machining, double clamping ensures the strenght to support strong stress.
 - If necessary, only for light-cut, can be used without top clamp.
- Kombination aus oberer Spannung und exzentrischem Sicherungsstift.
 - Starre Klemmung, perfekt für Keramik und Voll- PCBN-Wendescheidplatten.
 - Diese hervorragende Lösung für die schwere Bearbeitung ist dank der doppelten Spannung sehr belastbar.
 - Kann bei Bedarf auch ohne obere Klemme verwendet werden, jedoch nur unter stabilen Schnittbedingungen.
- Combinazione di serraggio superiore e perno di bloccaggio eccentrico.
 - Serraggio rigido, perfetto per inserti in ceramica e inserti PCBN integrali.
 - Ottima soluzione per lavorazioni pesanti, il doppio serraggio assicura resistenza alle forti sollecitazioni.
 - Può essere usato senza staffa, se necessario, solo in condizioni di taglio stabili.
- Combinaison d'un serrage par bride sur le dessus et d'un pion de serrage exentrique
 - Serrage rigide, idéal pour plaquettes en Céramique et PCBN
 - Excellente solution pour l'usinage dure, le double serrage assure une résistance aux fortes sollicitations.
 - Peut être utilisé sans brides sur le dessus si nécessaire uniquement dans des conditions de coupe stables.



M CLAMPING

EXTERNAL



MCKN (CN₀₀)



MCLN (CN₀₀)



MCRN (CN₀₀)



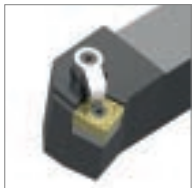
MDJN (DN₀₀)



MSBN (SN₀₀)



MSDNN (SN₀₀)



MSKN (SN₀₀)



MSSN (SN₀₀)



MTJN (TN₀₀)



MVJN (VN₀₀)



MVVNN (VN₀₀)



MWLN (WN₀₀)

INTERNAL



S MCLN (CN₀₀)



S MDUN (DN₀₀)



S MSKN (SN₀₀)



S MTUN (TN₀₀)



S MVQN (VN₀₀)



S MVUN (VN₀₀)



S MWLN (WN₀₀)

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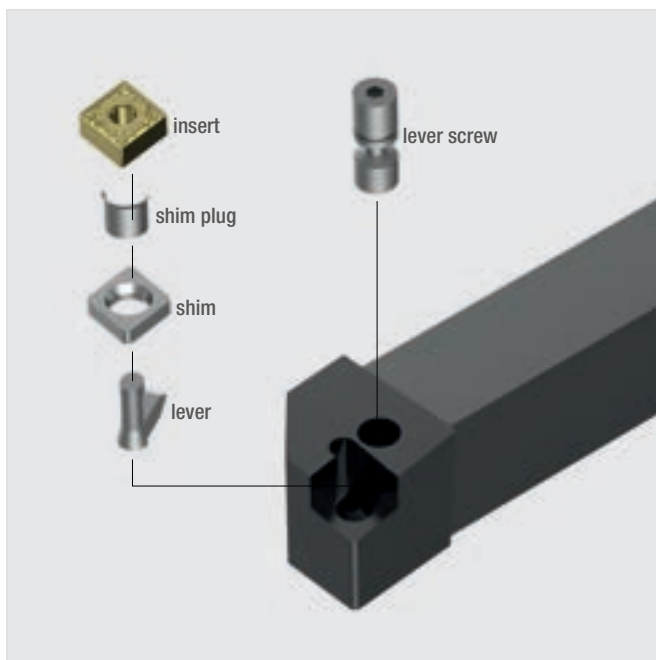
E - DRILLING

F - ACCESSORIES

G - SPARE PARTS

P CLAMPING

- Economical and easy-to-use solution.
 - Recommended for light and medium cut applications.
 - No clamp on the top guarantees a smooth chip flow.
 - Quick insert replacement.
- Kostengünstige und einfach anzuwendende Lösung.
 - Empfohlen für Anwendungen mit stabilen bis mittleren Schnittbedingungen.
 - Die fehlende Klammer an der Oberseite sorgt für eine einwandfreie Abfuhr der Späne.
 - Schneller Austausch der Wendeschneidplatte.
- Soluzione economica e di facile impiego.
 - Raccomandato per applicazioni con condizioni di taglio da stabile a medie.
 - L'assenza della staffa evita potenziali interferenze nell'evacuazione dei trucioli.
 - Rapida sostituzione dell'inserto.
- Solution économique et simple d'utilisation
 - Recommandé pour des applications dans des conditions de coupe stables à moyennes.
 - L'absence de serrage sur la partie supérieure garantit une bonne évacuation des copeaux.
 - Changement rapide de la plaquette



EXTERNAL



PCLN (CN ∞)



PDJN (DN ∞)



PWLN (WN ∞)

INTERNAL



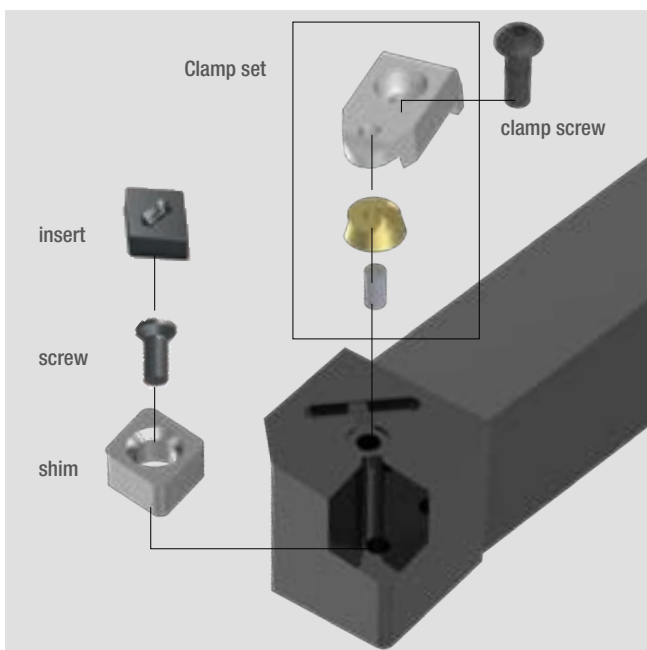
A PCLN (CN ∞)



A PWLN (WN ∞)

ADVANCED TURNING HOLDERS

- Reliable clamping system for full solid CBN or ceramic insert, flat top, and with dimple
 - Clamp made of steel and with a carbide part for fixing the CBN/ ceramic inserts.
 - Highly wear-resistant carbide interface; it can maintain the same clamping precision and reliability throughout roughing processes and through repeated changing of CBN/ceramic inserts
 - The steel body of the clamp can effectively absorb vibrations from machining processes and protect the CBN/ceramic inserts
- Zuverlässiges Spannsystem für VOLL CBN-, Keramik-, Flat Top- und Wendepplatten mit Indexierungen
 - Die Klemmel besteht aus Stahl, mit einer VHM Spitze zur fixierung der CBN/Keramikplatte
 - Dieses Teil besteht aus verschleißfestem VHM, und kann die gleiche Genauigkeit, auch bei Schruppprozessen und ständigem Wechsel der Wendepplatte aus CBN/Keramik, garantieren
 - Der Stahlhalter kann auf optimaler Weise schwingungen dämpfen, und somit die CBN/Keramikplatte schützen
- Sistema di bloccaggio affidabile per inserti in CBN o ceramica, pieni, con superficie superiore piana e con fossetta.
 - Fissaggio in acciaio e con una porzione in metallo duro per il fissaggio degli inserti in CBN/ceramica.
 - Interfaccia in metallo duro altamente resistente all'usura; assicura la stessa precisione e affidabilità di bloccaggio nelle lavorazioni di sgrossatura e anche dopo ripetute sostituzioni degli inserti in CBN/ceramica.
 - Il corpo in acciaio assorbe efficacemente le vibrazioni derivanti dalle lavorazioni meccaniche e protegge gli inserti in CBN/ceramica.
- Système de serrage fiable pour plaquettes en CBN massif ou en céramique, à sommet plat et à alvéoles.
 - Pince en acier avec une partie en carbure pour la fixation des plaquettes CBN/céramique
 - Interface en carbure hautement résistante à l'usure ; elle peut maintenir la même précision de serrage et la même fiabilité tout au long des processus d'ébauche et lors des changements répétés des plaquettes CBN/céramique
 - Le corps en acier de la pince peut absorber efficacement les vibrations des processus d'usinage et protéger les plaquettes CBN/céramique



EXTERNAL



CCLN (CN ∞)



CSKN (SN ∞)



CSRN (SN ∞)



CSSN (SN ∞)



CRDN (RN ∞)



CRSN (RN ∞)

VORTEXBAR

Technology for internal machining

INDEXABLE

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B - THREADING

C - GROOVING

D - MILLING

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G - SPARE PARTS

- Special design for excellent chip evacuation, preventing clogging even with long chips.
 - High quality tool steel reduces vibrations even with significant overhang (max 5xD)
 - Broad range of dimensions and geometries, for turning, back turning, profiling and threading.
 - Internal coolant channels available on the whole line-up.
- Design esclusivo che permette un ottima evacuazione anche nelle barenature di materiali a truciolo lungo.
 - Acciaio per utensili di alta qualità che riduce le vibrazioni anche con elevate sporgenze (max 5xD).
 - Ampia gamma di dimensioni e geometrie per tornitura, tornitura in tiro, profilatura e filettatura.
 - Intera gamma disponibile con refrigerazione interna.
- Ausführung mit spezieller Schneidkante für hervorragende Spanabfuhr, verhindert das Festklemmen auch bei langen Spänen.
 - Hochwertiger Werkzeugstahl, der selbst bei großen Überkragungen (max. 5xD) Vibrationen reduziert.
 - Breites Angebot an Abmessungen und Geometrien zum Drehen, Ziehen, Profilieren und Gewindedrehen.
 - Alle Produkte sind mit internen Kühlkanälen erhältlich.
- Conception spéciale pour une excellente évacuation des copeaux, évite le bourrage y compris avec de longs copeaux.
 - Acier à outil de haute qualité qui réduit les vibrations y compris avec de longs porte à faux (max 5xD).
 - Large gamme de dimensions et géométries pour le tournage, le tournage en tirant, l'usinage de gorges et le filetage.
 - Gamme complète disponible avec arrosage interne.



VORTEXBAR

Technology for internal machining

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V SCLC (CCoo)



V SDQC (DCoo)



V SDUC (DCoo)



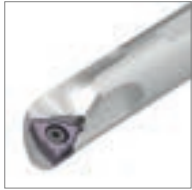
V SDZC (DCoo)



V STLC (TCoo)



V SVJB (VBoo)



V SWUC (WCoo)



V SIR
Threading



NDB I
Grooving

CARBIDE BAR

Technology for internal machining

- High quality carbide boring bar for precision machining, prevents vibrations even with long overhang (max 7xD).
 - Excellent strength thanks to a very stable "V" shape brazing.
 - Suggested for precision machining when the highest standards of quality are required (surface finishing, hole accuracy, tool life).
 - Internal coolant channels available on the whole line-up.
- Barra per barenatura in metallo duro di alta qualità per lavorazioni di precisione, previene le vibrazioni anche con elevate sporgenze (max 7xD)
 - Eccellente robustezza grazie alla brasatura con forma a "V" altamente stabile
 - Consigliato per lavorazioni di precisione che richiedono i più elevati standard di qualità (rugosità, tolleranze e vita utensile migliorate)
 - Intera gamma disponibile con canali di refrigerazione interna.
- Qualitativ hochwertige Hartmetall-Bohrstange für Präzisionsbearbeitung, die selbst bei großem Überkragungen (max. 7xD) Vibrationen verhindert
 - Hervorragende Robustheit durch hochstabile V-förmige Lötung
 - Empfohlen für Präzisionsbearbeitungen, die höchste Qualitätsstandards erfordern (verbesserte Rauheit, Toleranzen und Standzeiten der Werkzeuge)
 - Alle Produkte sind mit internen Kühlkanälen erhältlich.
- Barre d'alésage en carbure de haute qualité pour usinages de précision, évite les vibrations y compris avec des porte à faux élevés (max 7xD)
 - Excellente robustesse grâce au brasage en forme de V très stable
 - Recommandé pour usinages de précision qui nécessitent les standards qualité les plus exigeants (rugosité, tolérances et durée de vie des outils améliorées)
 - Gamme complète disponible avec arrosage interne.



E SCLC (CCoo)



E SDUC (DCoo)



E STFC (TCoo)

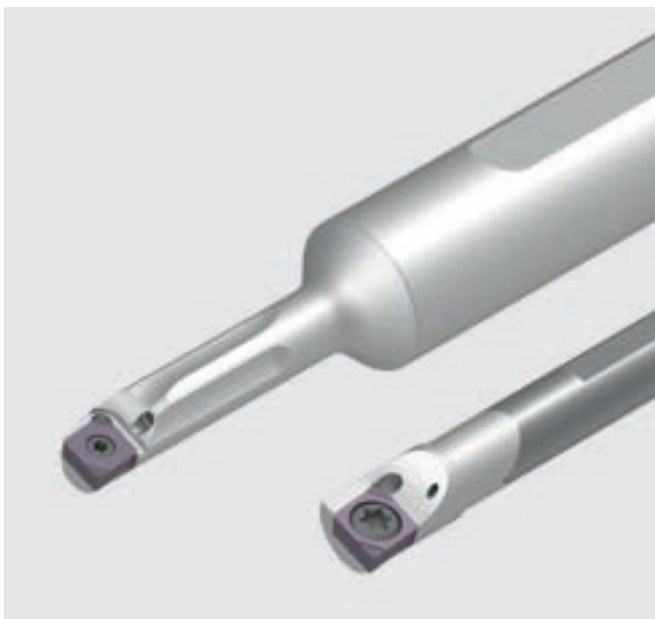
MICROBORING

- Complete line-up of small tools for internal machining, starting from 5 mm hole diameter, with high precision ground inserts (carbide and advanced materials).
- MicroVortex types combine high quality tool steel and advanced head design, reducing vibrations and reaching perfect chip evacuation.
- Micro CC holder is available also in high quality carbide for most demanding applications (longer overhang and hardened material machining in combination with PCBN inserts)..
- Internal coolant channels available on the whole line-up.

- Linea completa di piccoli utensili per lavorazioni interne, a partire da diametro di 5 mm, con inserti rettificati precisi (metallo duro e materiali avanzati).
- La tipologia MicroVortex combina utensili di elevata qualità e disegno avanzato della testa, che riducono le vibrazioni e consentono una perfetta evacuazione del truciolo.
- Il portautensile Micro CC è disponibile anche in metallo duro di alta qualità per le applicazioni più gravose (elevate sporgenze, barenatura di materiali temprati in combinazione con inserti PCBN).
- Intera gamma disponibile con canali di refrigerazione interna.

- Komplette Linie von kleinen Werkzeugen für die interne Bearbeitung, ab 5 mm Durchmesser, mit hochpräzisen Wendeschneidplatten (Hartmetall und innovative Materialien), die mechanisch eingespannt werden.
- Der MicroVortex kombiniert hochwertige Werkzeuge und ein innovatives Kopfdesign, was Vibrationen reduziert und eine perfekte Spanabfuhr ermöglicht.
- Der Micro CC-Werkzeughalter ist auch aus hochwertigem Hartmetall für schwierigere Anwendungen (große Überstände, Bearbeitung von harten Materialien) erhältlich.
- Alle Produkte sind mit internen Kühlkanälen erhältlich.

- Gamme complète de petits outils pour l'alésage, à partir du diamètre 5 mm, avec plaquettes rectifiées haute précision (carbure et matériaux avancés).
- Le type MicroVortex combine des outils haute qualité et une conception avancée, qui réduisent les vibrations et permettent une parfaite évacuation des copeaux.
- Le porte-outil Micro CC est également disponible en carbure de haute qualité pour les applications les plus difficiles (longs porte à faux, usinage de matériaux durs).
- Gamme complète disponible avec arrosage interne.



VORTEX



V MCC



V STL (TB ∞)



V SWUB (WB ∞)

CARBIDE



E MCC



V SIR
Threading

MICRONEGA

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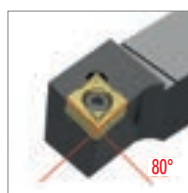
F - ACCESSORIES

G - SPARE PARTS

- Small negative as technical and economical alternative to positive inserts for external and internal turning operations.
 - From semi-finishing to medium machining, available both with economical sintered chipbreaker (GM) and precision ground type (SS) for higher accuracy and lower cutting force.
 - External small dimension tool holders, for small parts machining, without head offset.
 - Internal boring bar with VORTEX technology that improves chip ejection thanks to the innovative head design.
- Sistema di "mini" inserti negativi quale alternativa tecnica ed economica rispetto ai convenzionali inserti positivi per tornitura esterna ed interna.
 - Dalla semifinitura alla media asportazione, disponibile con rompitruciolo sinterizzato, più economico, (tipo GM) e nella versione rettificata (tipo SS) per lavorazioni precise e basse forze di taglio.
 - Portautensili per esterni di piccole dimensioni, per la lavorazione di piccoli particolari, senza offset della testa.
 - Barre di barenatura con tecnologia VORTEX che migliora l'evacuazione del truciolo grazie all'innovativo design della testa.
- Kleine negative Wendeschneidplatten als Alternative zu positiven Wendeschneidplatten für externe und interne Drehbearbeitungen.
 - Vom Schruppschlichten unter mittleren Schnittbedingungen, erhältlich in Ausführungen mit dem günstigeren gesinterten Spanbrecher (Typ GM) bis zum geschliffenen (Typ SS) für maximale Genauigkeit und geringe Schnittkräfte.
 - Werkzeughalter mit kleinen Außenabmessungen, für die Bearbeitung kleiner Details, ohne Kopfversatz.
 - Interne Bohrstangen mit VORTEX-Technologie, was die Spanabfuhr durch ein innovatives Kopfdesign verbessert.
- Petites plaquettes négatives comme alternative aux positives pour des opérations de tournage exter et inter.
 - De la semi-finition à la moyenne ébauche, disponibles dans les versions avec un brise-copeaux brut de frittage plus économique (type GM) aux versions rectifiées (type SS) pour une précision maximale et de faibles forces de coupe.
 - Porte-outils à encombrement réduit, pour l'usinage de petites pièces, sans déport de tête.
 - Barres d'alésage dotée de la technologie VORTEX qui améliore l'évacuation des copeaux grâce au design innovant de la tête.



EXTERNAL



MCN



MDN

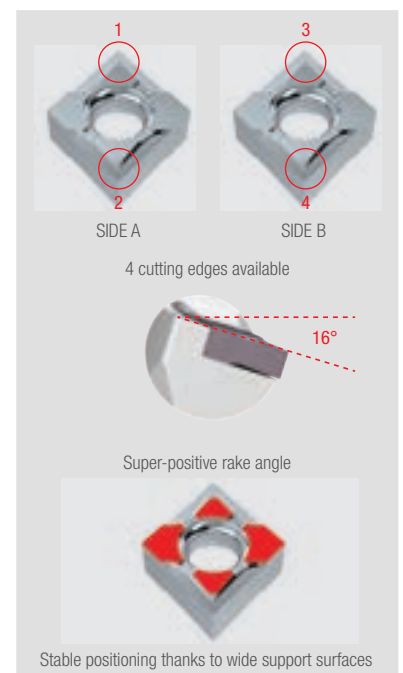
INTERNAL



MCN



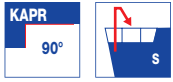
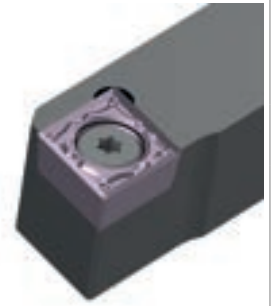
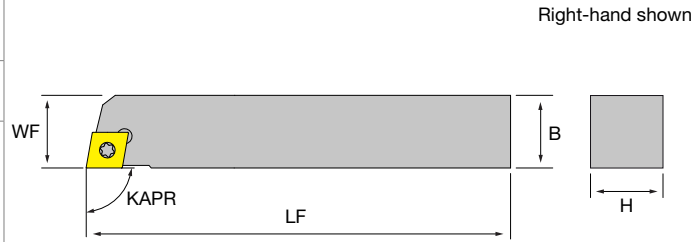
MDN



SCAC

ISO CC - Positive

- External turning (KAPR 90°)
- Holds CC-style inserts, tightened by screw
- Suitable for lathes without offset



Designation	H	B	WF	LF	KAPR	MIID						Stock
LEFT-HAND												
NT-SCACL0808K06	8	8	8	125	90°	CC∞0602						⊙
NT-SCACL1010K06	10	10	10	125	90°	CC∞0602						⊙
NT-SCACL1212K06	12	12	12	125	90°	CC∞0602						⊙
NT-SCACL1212K09	12	12	12	125	90°	CC∞09T3						⊙
NT-SCACL1616K09	16	16	16	125	90°	CC∞09T3						⊙
RIGHT-HAND												
NT-SCACR0808K06	8	8	8	125	90°	CC∞0602						●
NT-SCACR1010K06	10	10	10	125	90°	CC∞0602						●
NT-SCACR1212K06	12	12	12	125	90°	CC∞0602						●
NT-SCACR1212K09	12	12	12	125	90°	CC∞09T3						●
NT-SCACR1616K09	16	16	16	125	90°	CC∞09T3						●
NT-SCACR2020K12	20	20	20	125	90°	CC∞1204						⊙

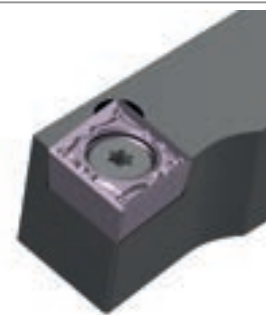
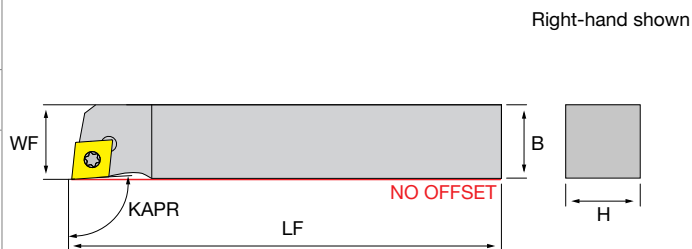
★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench
NT-SCAC ^l /R∞∞∞∞06	NT-ST25060T07B	NT-FT07
NT-SCAC ^l /R∞∞∞∞09	NT-ST25060T07B	NT-FT07
NT-SCAC ^l /R∞∞∞∞12	NT-ST40140T15	NT-FT15

SCLC N

ISO CC - Positive

- External turning (KAPR 95°)
- Holds CC-style inserts, tightened by screw
- Suitable for lathes without offset



Designation	H	B	WF	LF	KAPR	MIID						Stock
LEFT-HAND												
NT-SCLCL0808H06N	8	8	8	100	95°	CC∞0602						⊙
NT-SCLCL1010K06N	10	10	10	125	95°	CC∞0602						⊙
NT-SCLCL1212K09N	12	12	12	125	95°	CC∞09T3						●
NT-SCLCL1616K09N	16	16	16	125	95°	CC∞09T3						●
RIGHT-HAND												
NT-SCLCR0808H06N	8	8	8	100	95°	CC∞0602						⊙
NT-SCLCR1010K06N	10	10	10	125	95°	CC∞0602						●
NT-SCLCR1212K09N	12	12	12	125	95°	CC∞09T3						●
NT-SCLCR1616K09N	16	16	16	125	95°	CC∞09T3						●

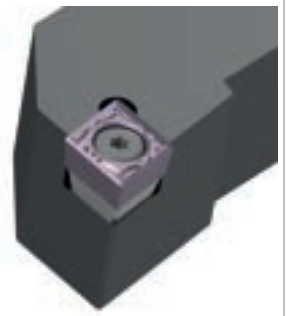
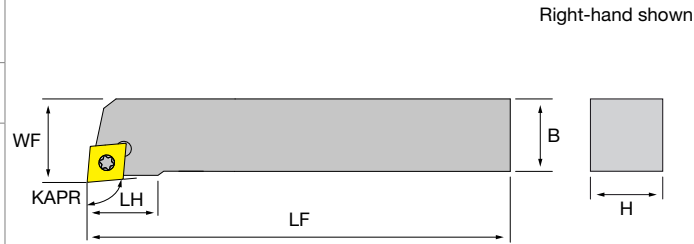
★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench
NT-SCLC ¹ / _{R00000} 06N	NT-ST25060T07B	NT-FT07
NT-SCLC ¹ / _{R00000} 09N	NT-ST35089T15	NT-FT15

SCLC S

ISO CC - Positive

- External turning (KAPR 95°)
- Holds CC-style inserts, tightened by screw
- With shim



Designation	H	B	WF	LF	LH	KAPR	MIID				Stock
LEFT-HAND											
NT-SCLCL2020K09S	20	20	25	125	22	95°	CC∞09T3				●
NT-SCLCL2525M09S	25	25	32	150	25	95°	CC∞09T3				●
NT-SCLCL2020K12S	20	20	25	125	22	95°	CC∞1204				●
NT-SCLCL2525M12S	25	25	32	150	25	95°	CC∞1204				●
RIGHT-HAND											
NT-SCLCR2020K09S	20	20	25	125	22	95°	CC∞09T3				●
NT-SCLCR2525M09S	25	25	32	150	25	95°	CC∞09T3				●
NT-SCLCR2020K12S	20	20	25	125	22	95°	CC∞1204				●
NT-SCLCR2525M12S	25	25	32	150	25	95°	CC∞1204				●

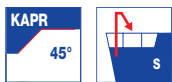
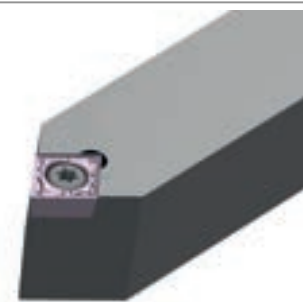
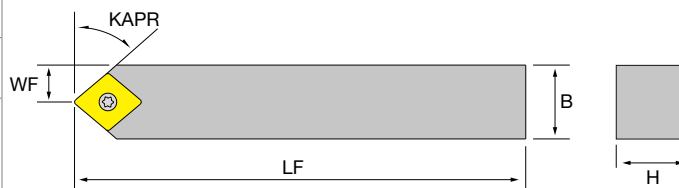
★ 1st choice, ☆ suitable, ● stock standard, ◎ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Shim	Shim screw	L wrench	Insert screw	Flag wrench
NT-SCLC ^Y /R0000009S	NT-SH011	NT-SR010	NT-WR035	NT-ST35115T15	NT-FT15
NT-SCLC ^Y /R0000012S	NT-SH001	NT-SR001	NT-WR040	NT-ST40140T15	NT-FT15

SCMC

ISO CC - Positive

- External turning (KAPR 50°), Neutral position
- Holds CC-style inserts, tightened by screw



Designation	H	B	WF	LF	KAPR	MIID					Stock
NEUTRAL HOLDERS											
NT-SCMCN2020K09	20	20	10	125	50°	CC∞09T3					●
NT-SCMCN2525M09	25	25	12.5	150	50°	CC∞09T3					●

★ 1st choice, ☆ suitable, ● stock standard, ● non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench
NT-SCMCN∞∞∞∞09	NT-ST35089T15	NT-FT15

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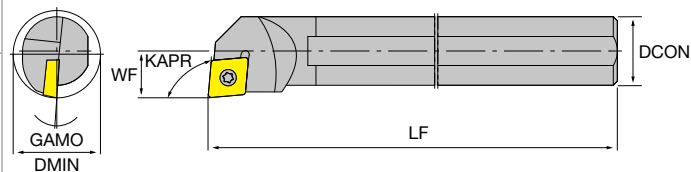
F - ACCESSORIES

G - SPARE PARTS

A SCLC

ISO CC - Positive

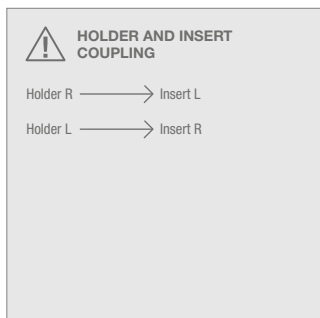
- Internal turning (KAPR 95°)
- Steel boring bar with internal coolant through
- Holds CC-style inserts, tightened by screws



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID					Stock
LEFT-HAND												
NT-A08H-SCLCL06	10	8	5	100	95°	13°	CC∞0602					●
NT-A10K-SCLCL06	12	10	6	125	95°	12°	CC∞0602					●
NT-A12M-SCLCL06	14	12	7	150	95°	9°	CC∞0602					●
NT-A16Q-SCLCL06	18	16	9	180	95°	7°	CC∞0602					●
NT-A12M-SCLCL09	14	12	7	150	95°	13°	CC∞09T3					●
NT-A16Q-SCLCL09	18	16	9	180	95°	9°	CC∞09T3					●
NT-A20R-SCLCL09	22	20	11	200	95°	5°	CC∞09T3					●
RIGHT-HAND												
NT-A10K-SCLCR06	12	10	6	125	95°	12°	CC∞0602					●
NT-A12M-SCLCR06	14	12	7	150	95°	9°	CC∞0602					●
NT-A16Q-SCLCR06	18	16	9	180	95°	7°	CC∞0602					●
NT-A08H-SCLCR06	10	8	5	100	95°	13°	CC∞0602					●
NT-A12M-SCLCR09	14	12	7	150	95°	13°	CC∞09T3					●
NT-A16Q-SCLCR09	18	16	9	180	95°	9°	CC∞09T3					●
NT-A20R-SCLCR09	22	20	11	200	95°	5°	CC∞09T3					●

★ 1st choice, ☆ suitable, ● stock standard, ◎ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

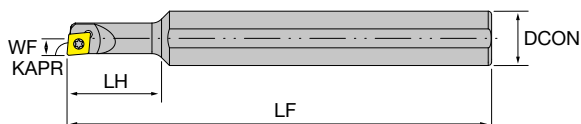
Spare parts	Insert screw	Flag wrench
NT-A08H-SCLC/∅06	NT-ST25060T07B	NT-FT07
NT-A10K-SCLC/∅06	NT-ST25060T07B	NT-FT07
NT-A12M-SCLC/∅06	NT-ST25060T07B	NT-FT07
NT-A16Q-SCLC/∅06	NT-ST25060T07B	NT-FT07
NT-A12M-SCLC/∅09	NT-ST35073T15	NT-FT15
NT-A16Q-SCLC/∅09	NT-ST35073T15	NT-FT15
NT-A20R-SCLC/∅09	NT-ST35073T15	NT-FT15



A16K SCLC

ISO CC - Positive

- Internal turning (KAPR 95°)
- Small diameter steel boring bar with internal coolant and reduced neck
- Holds CC-style inserts, tightened by screws



Designation	DMIN	DCON	WF	LF	LH	KAPR	GAMO	MID			Stock
LEFT-HAND WITH REDUCED NECK											
NT-A16K-07-SCLCL06-L20	8	16	4	125	20	95°	15°	CC∞0602			●
NT-A16K-08-SCLCL06-L20	9	16	4.5	125	20	95°	12°	CC∞0602			●
NT-A16K-09-SCLCL06-L25	10	16	5	125	25	95°	11°	CC∞0602			⊙
RIGHT-HAND WITH REDUCED NECK											
NT-A16K-07-SCLCR06-L20	8	16	4	125	20	95°	15°	CC∞0602			●
NT-A16K-08-SCLCR06-L20	9	16	4.5	125	20	95°	12°	CC∞0602			⊙
NT-A16K-09-SCLCR06-L25	10	16	5	125	25	95°	11°	CC∞0602			⊙

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench
NT-A16K-∞-SCLC/∞06-L∞	NT-ST25060T07B	NT-FT07

! HOLDER AND INSERT COUPLING

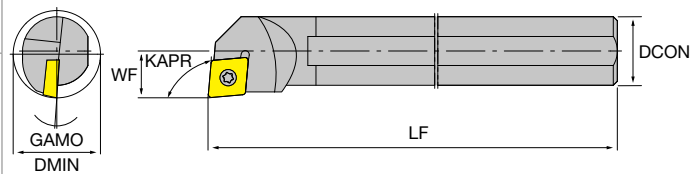
Holder R → Insert L

Holder L → Insert R

E SCLC

ISO CC - Positive

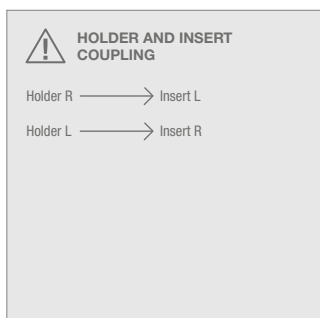
- Internal turning (KAPR 95°)
- Carbide boring bar with internal coolant through. Maximum overhang: 7xDCON
- Holds CC-style inserts, tightened by screws



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID					Stock
LEFT-HAND												
NT-E08K-SCLCLO6	10	8	5	125	95°	14°	CC∞0602					●
NT-E10K-SCLCLO6	12	10	6	125	95°	12°	CC∞0602					●
NT-E12M-SCLCLO6	14	12	7	150	95°	10°	CC∞0602					●
NT-E12M-SCLCLO9	16	12	8	150	95°	10°	CC∞09T3					●
NT-E16R-SCLCLO9	18	16	9	200	95°	10°	CC∞09T3					●
NT-E20R-SCLCLO9	22	20	11	200	95°	8°	CC∞09T3					◎
RIGHT-HAND												
NT-E08K-SCLCR06	10	8	5	125	95°	14°	CC∞0602					●
NT-E10K-SCLCR06	12	10	6	125	95°	12°	CC∞0602					●
NT-E12M-SCLCR06	14	12	7	150	95°	10°	CC∞0602					●
NT-E12M-SCLCR09	16	12	8	150	95°	10°	CC∞09T3					●
NT-E16R-SCLCR09	18	16	9	200	95°	10°	CC∞09T3					●
NT-E20R-SCLCR09	22	20	11	200	95°	8°	CC∞09T3					●

★ 1st choice, ☆ suitable, ● stock standard, ◎ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

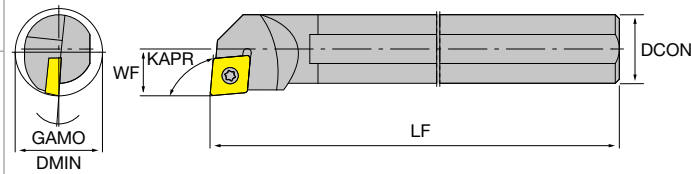
Spare parts	Insert screw	Flag wrench
NT-E08K-SCLC ^{1/8} 06	NT-ST25060T07B	NT-FT07
NT-E10K-SCLC ^{1/8} 06	NT-ST25060T07B	NT-FT07
NT-E12M-SCLC ^{1/8} 06	NT-ST25060T07B	NT-FT07
NT-E12M-SCLC ^{1/8} 09	NT-ST35073T15	NT-FT15
NT-E16R-SCLC ^{1/8} 09	NT-ST35073T15	NT-FT15
NT-E20R-SCLCLO9	NT-ST35073T15	NT-FT15



S SCLC

ISO CC - Positive

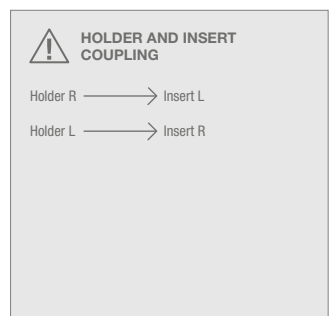
- Internal turning (KAPR 95°)
- Steel boring bar without internal coolant
- Holds CC-style inserts, tightened by screws



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID				Stock
LEFT-HAND											
NT-S08H-SCLCL06	10	8	5	100	95°	13°	CC∞0602				●
NT-S10K-SCLCL06	12	10	6	125	95°	12°	CC∞0602				●
NT-S12M-SCLCL06	14	12	7	150	95°	9°	CC∞0602				●
NT-S16Q-SCLCL06	18	16	9	180	95°	7°	CC∞0602				◎
NT-S12M-SCLCL09	14	12	7	150	95°	13°	CC∞09T3				●
NT-S16Q-SCLCL09	18	16	9	180	95°	9°	CC∞09T3				●
NT-S20R-SCLCL09	22	20	11	200	95°	5°	CC∞09T3				●
NT-S20R-SCLCL12	25	20	13	200	95°	8°	CC∞1204				●
NT-S25R-SCLCL12	32	25	17	200	95°	8°	CC∞1204				●
NT-S32S-SCLCL12S	40	32	22	250	95°	6°	CC∞1204				●
NT-S40T-SCLCL12S	50	40	27	300	95°	4°	CC∞1204				●
RIGHT-HAND											
NT-S08H-SCLCR06	10	8	5	100	95°	13°	CC∞0602				●
NT-S10K-SCLCR06	12	10	6	125	95°	12°	CC∞0602				●
NT-S12M-SCLCR06	14	12	7	150	95°	9°	CC∞0602				●
NT-S16Q-SCLCR06	18	16	9	180	95°	7°	CC∞0602				●
NT-S12M-SCLCR09	14	12	7	150	95°	13°	CC∞09T3				●
NT-S16Q-SCLCR09	18	16	9	180	95°	9°	CC∞09T3				●
NT-S20R-SCLCR09	22	20	11	200	95°	5°	CC∞09T3				●
NT-S20R-SCLCR12	25	20	13	200	95°	8°	CC∞1204				●
NT-S25R-SCLCR12	32	25	17	200	95°	8°	CC∞1204				●
NT-S32S-SCLCR12S	40	32	22	250	95°	6°	CC∞1204				●
NT-S40T-SCLCR12S	50	40	27	300	95°	4°	CC∞1204				●

★ 1st choice, ☆ suitable, ● stock standard, ◎ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

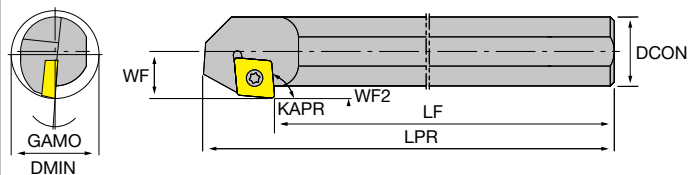
Spare parts	Insert screw	Flag wrench	Shim	Shim screw	L wrench
NT-S08H-SCLC/∅06	NT-ST25060T07B	NT-FT07	-	-	-
NT-S10K-SCLC/∅06	NT-ST25060T07B	NT-FT07	-	-	-
NT-S12M-SCLC/∅06	NT-ST25060T07B	NT-FT07	-	-	-
NT-S16Q-SCLC/∅06	NT-ST25060T07B	NT-FT07	-	-	-
NT-S12M-SCLC/∅09	NT-ST35073T15	NT-FT15	-	-	-
NT-S16Q-SCLC/∅09	NT-ST35073T15	NT-FT15	-	-	-
NT-S20R-SCLC/∅09	NT-ST35089T15	NT-FT15	-	-	-
NT-S20R-SCLC/∅12	NT-ST40115T15	NT-FT15	-	-	-
NT-S25R-SCLC/∅12	NT-ST40115T15	NT-FT15	-	-	-
NT-S32R-SCLC/∅12S	NT-ST40140T15	NT-FT15	NT-SH001	NT-SR001	NT-WR040
NT-S40T-SCLC/∅12S	NT-ST40140T15	NT-FT15	NT-SH001	NT-SR001	NT-WR040



S SCZC

ISO CC - Positive

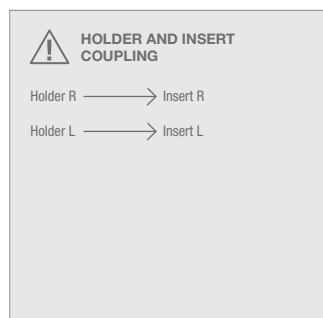
- Internal back turning (KAPR 93°)
- Steel boring bar without internal coolant
- Holds CC-style inserts, tightened by screws



Designation	DMIN	DCON	WF	WF2	LF	LH	KAPR	GAMO	MID	Stock
LEFT-HAND										
NT-S08H-SCZCL06	12	8	6.5	2.5	100	-	93°	13°	CC∞0602	⊙
NT-S10K-SCZCL06	14	10	7.5	2.5	125	-	93°	12°	CC∞0602	⊙
NT-S12M-SCZCL06	16	12	8.5	2.5	150	-	93°	10°	CC∞0602	⊙
NT-S16Q-SCZCL09	21	16	11.5	3.5	180	-	93°	10°	CC∞09T3	⊙
NT-S20R-SCZCL09	25	20	13.5	3.5	200	-	93°	8°	CC∞09T3	⊙
NT-S25R-SCZCL09	32	25	16	3.5	200	-	93°	8°	CC∞09T3	⊙
RIGHT-HAND										
NT-S08H-SCZCR06	12	8	6.5	2.5	100	-	93°	13°	CC∞0602	⊙
NT-S10K-SCZCR06	14	10	7.5	2.5	125	-	93°	12°	CC∞0602	⊙
NT-S12M-SCZCR06	16	12	8.5	2.5	150	-	93°	10°	CC∞0602	⊙
NT-S16Q-SCZCR09	21	16	11.5	3.5	180	-	93°	10°	CC∞09T3	⊙
NT-S20R-SCZCR09	25	20	13.5	3.5	200	-	93°	8°	CC∞09T3	⊙
NT-S25R-SCZCR09	32	25	16	3.5	200	-	93°	8°	CC∞09T3	⊙

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

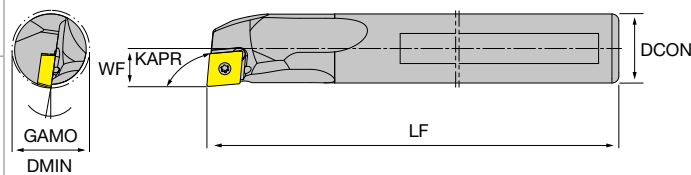
Spare parts	Insert screw	Flag wrench
NT-S08H-SCZC/∞06	NT-ST25060T07B	NT-FT07
NT-S10K-SCZC/∞06	NT-ST25060T07B	NT-FT07
NT-S12M-SCZC/∞06	NT-ST25060T07B	NT-FT07
NT-S16Q-SCZC/∞09	NT-ST35089T15	NT-FT15
NT-S20R-SCZC/∞09	NT-ST35089T15	NT-FT15
NT-S25R-SCZC/∞09	NT-ST35089T15	NT-FT15



V SCLC

ISO CC - Positive

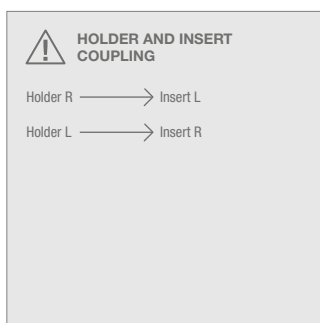
- Internal turning (KAPR 95°)
- Vortex boring bar (anti-vibration steel) with internal coolant through. Maximum overhang: 5xDCON
- Holds CC-style inserts, tightened by screws
- Special chip evacuation path



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID				Stock
LEFT-HAND											
NT-V08H-SCLCL06-10	10	8	5	100	95°	14°	CC∞0602				●
NT-V10K-SCLCL06-12	12	10	6	125	95°	12°	CC∞0602				●
NT-V12M-SCLCL06-14	14	12	7	150	95°	10°	CC∞0602				●
NT-V12M-SCLCL09-14	14	12	7	150	95°	12°	CC∞09T3				●
NT-V16Q-SCLCL09-18	18	16	9	180	95°	10°	CC∞09T3				●
NT-V20R-SCLCL09-22	22	20	11	200	95°	8°	CC∞09T3				●
NT-V25S-SCLCL09-27	27	25	13.5	250	95°	6°	CC∞09T3				●
NT-V20R-SCLCL12-25	25	20	13	200	95°	7°	CC∞1204				○
NT-V25S-SCLCL12-32	32	25	17	250	95°	5°	CC∞1204				●
RIGHT-HAND											
NT-V08H-SCLCR06-10	10	8	5	100	95°	14°	CC∞0602				●
NT-V10K-SCLCR06-12	12	10	6	125	95°	12°	CC∞0602				●
NT-V12M-SCLCR06-14	14	12	7	150	95°	10°	CC∞0602				●
NT-V12M-SCLCR09-14	14	12	7	150	95°	12°	CC∞09T3				●
NT-V16Q-SCLCR09-18	18	16	9	180	95°	10°	CC∞09T3				●
NT-V20R-SCLCR09-22	22	20	11	200	95°	8°	CC∞09T3				●
NT-V25S-SCLCR09-27	27	25	13.5	250	95°	6°	CC∞09T3				●
NT-V20R-SCLCR12-25	25	20	13	200	95°	7°	CC∞1204				●
NT-V25S-SCLCR12-32	32	25	17	250	95°	5°	CC∞1204				●

★ 1st choice, ☆ suitable, ● stock standard, ○ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

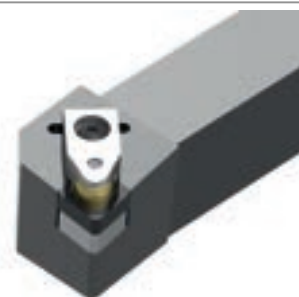
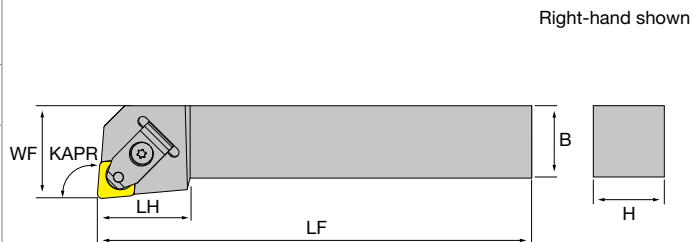
Spare parts	Insert screw	Flag wrench
NT-V08H-SCLC/∅06-10	NT-ST25060T07B	NT-FT07
NT-V10K-SCLC/∅06-12	NT-ST25060T07B	NT-FT07
NT-V12M-SCLC/∅06-14	NT-ST25060T07B	NT-FT07
NT-V12M-SCLC/∅09-14	NT-ST35073T15	NT-FT15
NT-V16Q-SCLC/∅09-18	NT-ST35073T15	NT-FT15
NT-V20R-SCLC/∅09-22	NT-ST35089T15	NT-FT15
NT-V25S-SCLC/∅09-27	NT-ST35089T15	NT-FT15
NT-V20R-SCLC/∅12-25	NT-ST40115T15	NT-FT15
NT-V25S-SCLC/∅12-32	NT-ST40115T15	NT-FT15



CCLN

ISO CN - Advanced

- For full solid CBN and ceramic inserts, reliable clamping
- Suitable for flat top and dimple type insert



Designation	H	B	WF	LF	LH	KAPR	MIID					Stock
RIGHT-HAND												
NT-CCLNR2525M12	25	25	32	150	32	95°	CN∞1204					▲

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	L wrench	Clamping set	Shim screw	Shim
NT-CCLNR2525M12	NT-WR030 / NT-WR025	NT-CS152	NT-ST130	NT-SH031



+



INDEXABLE

A - TURNING

B - THREADING

C - GROOVING

D - MILLING

E - DRILLING

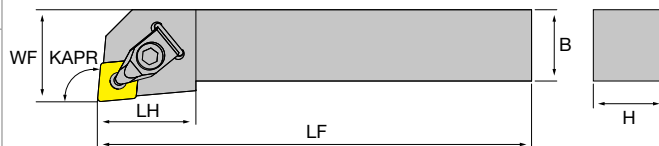
F - ACCESSORIES

G - SPARE PARTS

DCLN

ISO CN - Negative

- External turning (KAPR 95°)
- Holds CN-style inserts
- Double pushing and pulling action with a single movement
- Quick and safe tightening



Right-hand shown



Designation	H	B	WF	LF	LH	KAPR	MIID					Stock
LEFT-HAND												
NT-DCLNL1616H09X	16	16	20	100	33	95°	CN-∞0903					⊙
NT-DCLNL2020K09X	20	20	25	125	30	95°	CN-∞0903					⊙
NT-DCLNL2525M09X	25	25	32	150	30	95°	CN-∞0903					⊙
NT-DCLNL2020K12X	20	20	25	125	40	95°	CN-∞1204					●
NT-DCLNL2525M12X	25	25	32	150	36	95°	CN-∞1204					●
NT-DCLNL3225P12X	32	25	32	170	36	95°	CN-∞1204					●
RIGHT-HAND												
NT-DCLNR1616H09X	16	16	20	100	33	95°	CN-∞0903					⊙
NT-DCLNR2020K09X	20	20	25	125	30	95°	CN-∞0903					●
NT-DCLNR2525M09X	25	25	32	150	30	95°	CN-∞0903					●
NT-DCLNR2020K12X	20	20	25	125	40	95°	CN-∞1204					●
NT-DCLNR2525M12X	25	25	32	150	36	95°	CN-∞1204					●
NT-DCLNR3225P12X	32	25	32	170	36	95°	CN-∞1204					●

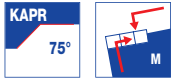
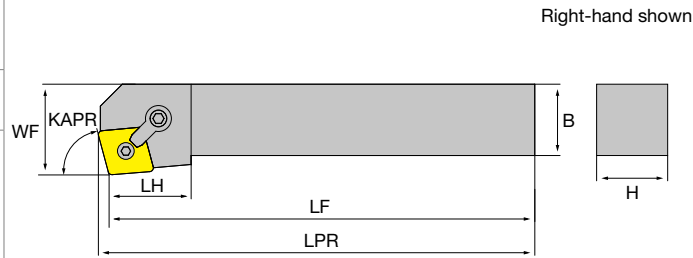
★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Shim	Shim screw	L wrench	Clamp	Spring	Clamp screw
NT-DCLN ⁺ /R0000009X	NT-SH012	NT-ST031	NT-WR020 / NT-TX15	NT-CS250	NT-SG250	NT-SC250
NT-DCLN ⁺ /R0000012X	NT-SH030	NT-ST200	NT-WR025 / NT-TX20	NT-CS200	NT-SG200	NT-SC200

MCKN

ISO CN - Negative

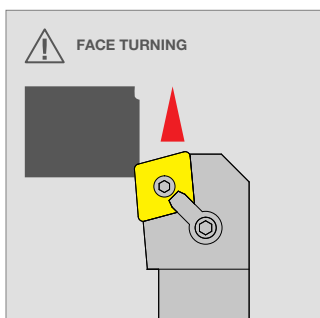
- External turning (KAPR 75°)
- Holds CN-style inserts
- Double locking with Eccentric pins and bracket. Excellent clamping force
- Mostly used for roughing



Designation	H	B	WF	LF	LH	LPR	KAPR	MIID			Stock
LEFT-HAND											
NT-MCKNL2020K12	20	20	25	122	37	125	75°	CN∞1204			●
NT-MCKNL2525M12	25	25	32	147	34	150	75°	CN∞1204			●
NT-MCKNL3232P12	32	32	40	167	40	170	75°	CN∞1204			●
NT-MCKNL3232P16	32	32	40	167	40	170	75°	CN∞1606			⊙
RIGHT-HAND											
NT-MCKNR2020K12	20	20	25	122	37	125	75°	CN∞1204			⊙
NT-MCKNR2525M12	25	25	32	147	34	150	75°	CN∞1204			●
NT-MCKNR3232P12	32	32	40	167	40	170	75°	CN∞1204			●
NT-MCKNR3232P16	32	32	40	167	40	170	75°	CN∞1606			⊙

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

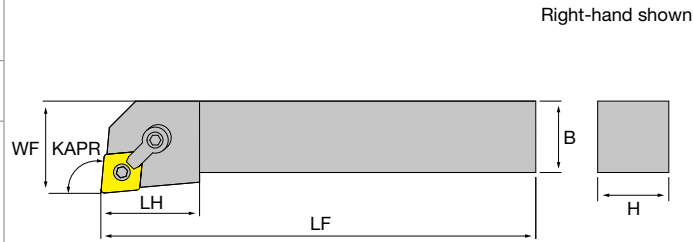
Spare parts	Shim	Eccentric pin	Clamp	Clamp screw	L wrench
NT-MCKN/80000012	NT-SH030	NT-SP010	NT-CS010	NT-SC010	NT-WR030
NT-MCKN/80000016	NT-SH055	NT-SP040	NT-CS010	NT-SC010	NT-WR030



MCLN

ISO CN - Negative

- External turning (KAPR 95°)
- Holds CN-style inserts
- Double locking with Eccentric pins and bracket. Excellent clamping force
- Mostly used for roughing



Designation	H	B	WF	LF	LH	KAPR	MIID					Stock
LEFT-HAND												
NT-MCLNL2020K12	20	20	25	125	33	95°	CN∞1204					●
NT-MCLNL2525M12	25	25	32	150	33	95°	CN∞1204					●
NT-MCLNL3232P12	32	32	40	170	33	95°	CN∞1204					●
NT-MCLNL2525M16	25	25	32	150	33	95°	CN∞1606					●
NT-MCLNL3232P16	32	32	40	170	33	95°	CN∞1606					●
NT-MCLNL3232P19	32	32	40	170	38	95°	CN∞1906					⊙
NT-MCLNL4040S19	40	40	50	250	38	95°	CN∞1906					⊙
RIGHT-HAND												
NT-MCLNR2020K12	20	20	25	125	33	95°	CN∞1204					●
NT-MCLNR2525M12	25	25	32	150	33	95°	CN∞1204					●
NT-MCLNR3232P12	32	32	40	170	33	95°	CN∞1204					●
NT-MCLNR2525M16	25	25	32	150	33	95°	CN∞1606					●
NT-MCLNR3232P16	32	32	40	170	33	95°	CN∞1606					●
NT-MCLNR3232P19	32	32	40	170	38	95°	CN∞1906					⊙
NT-MCLNR4040S19	40	40	50	250	38	95°	CN∞1906					⊙

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

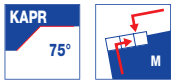
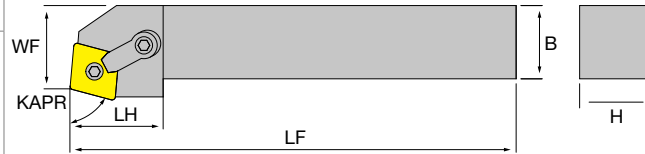
Spare parts	Shim	Eccentric pin	Clamp	Clamp screw	L wrench
NT-MCLN/∞000012	NT-SH030	NT-SP010	NT-CS010	NT-SC010	NT-WR030
NT-MCLN/∞000016	NT-SH055	NT-SP040	NT-CS010	NT-SC010	NT-WR030
NT-MCLN/∞000019	NT-SH080	NT-SP050	NT-CS015	NT-SC070	NT-WR040

MCRN

ISO CN - Negative

- External turning (KAPR 75°)
- Holds CN-style inserts
- Double locking with Eccentric pins and bracket. Excellent clamping force
- Mostly used for roughing, especially facing

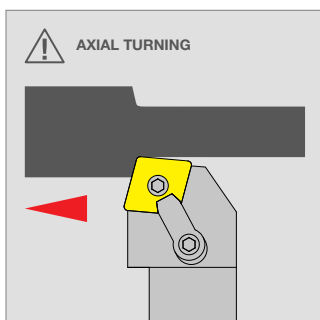
Right-hand shown



Designation	H	B	WF	LF	LH	KAPR	MIID					Stock
LEFT-HAND												
NT-MCRNL2020K12	20	20	22	125	37	75°	CN-∞1204					☉
NT-MCRNL2525M12	25	25	27	150	34	75°	CN-∞1204					●
NT-MCRNL3232P12	32	32	35	170	40	75°	CN-∞1204					☉
NT-MCRNL3232P16	32	32	35	170	40	75°	CN-∞1606					☉
RIGHT-HAND												
NT-MCRNR2020K12	20	20	22	125	37	75°	CN-∞1204					●
NT-MCRNR2525M12	25	25	27	150	34	75°	CN-∞1204					●
NT-MCRNR3232P12	32	32	35	170	40	75°	CN-∞1204					☉
NT-MCRNR3232P16	32	32	35	170	40	75°	CN-∞1606					☉

★ 1st choice, ☆ suitable, ● stock standard, ☉ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Shim	Eccentric pin	Clamp	Clamp screw	L wrench
NT-MCRN/∞0000012	NT-SH030	NT-SP010	NT-CS010	NT-SC010	NT-WR030
NT-MCRN/∞0000016	NT-SH055	NT-SP040	NT-CS010	NT-SC010	NT-WR030



INDEXABLE

A - TURNING

B - THREADING

C - GROOVING

D - MILLING

E - DRILLING

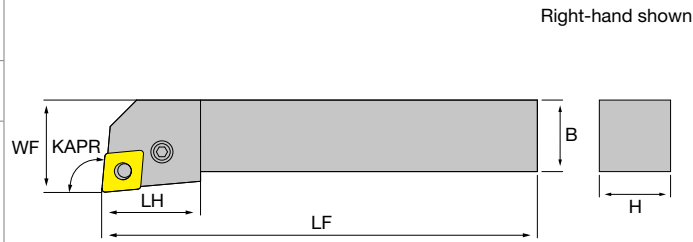
F - ACCESSORIES

G - SPARE PARTS

PCLN

ISO CN - Negative

- External turning (KAPR 95°)
- Holds CN-style inserts
- Easy to use Levers-lock clamping
- Suitable for long-chip materials



Designation	H	B	WF	LF	LH	KAPR	MIID				Stock
LEFT-HAND											
NT-PCLNL1616H09	16	16	20	100	20	95°	CN-∞0903				⊙
NT-PCLNL2020K09	20	20	25	125	20	95°	CN-∞0903				⊙
NT-PCLNL2525M09	25	25	32	150	23	95°	CN-∞0903				⊙
NT-PCLNL2020K12	20	20	25	125	26	95°	CN-∞1204				●
NT-PCLNL2525M12	25	25	32	150	26	95°	CN-∞1204				●
RIGHT-HAND											
NT-PCLNR1616H09	16	16	20	100	20	95°	CN-∞0903				●
NT-PCLNR2020K09	20	20	25	125	20	95°	CN-∞0903				⊙
NT-PCLNR2525M09	25	25	32	150	23	95°	CN-∞0903				⊙
NT-PCLNR2020K12	20	20	25	125	26	95°	CN-∞1204				●
NT-PCLNR2525M12	25	25	32	150	26	95°	CN-∞1204				●

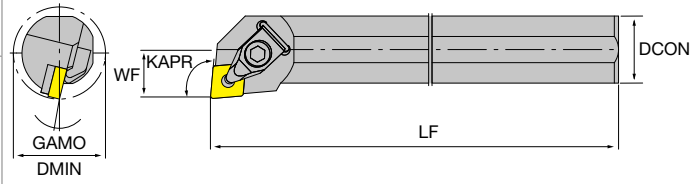
★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Shim	Elastic plug	Lever	Screw lever	L wrench
NT-PCLN/ROOOO09	NT-SH012	NT-SR012	NT-LL012	NT-SC015	NT-WR025
NT-PCLN/ROOOO12	NT-SH035	NT-SR020	NT-LL020	NT-SC025	NT-WR030

A DCLN

ISO CN - Negative

- Internal turning (KAPR 95°)
- Steel boring bar with internal coolant through
- Holds CN-style inserts
- Double pushing and pulling action with a single movement. Quick and safe tightening



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID					Stock
LEFT-HAND												
NT-A25R-DCLNL12	32	25	17	200	95°	14°	CN-∞1204					●
NT-A32S-DCLNL12	40	32	22	250	95°	14°	CN-∞1204					●
NT-A40T-DCLNL12	50	40	27	300	95°	12°	CN-∞1204					●
RIGHT-HAND												
NT-A25R-DCLNR12	32	25	17	200	95°	14°	CN-∞1204					●
NT-A32S-DCLNR12	40	32	22	250	95°	14°	CN-∞1204					●
NT-A40T-DCLNR12	50	40	27	300	95°	12°	CN-∞1204					●

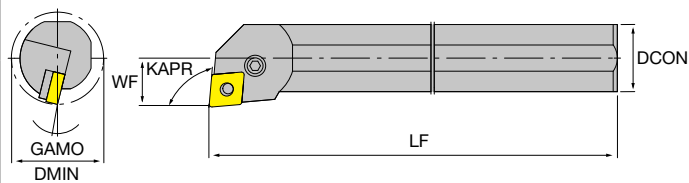
★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Shim	Shim screw	L wrench	Clamp	Spring
NT-A∞∞-DCLN*/r12	NT-SH035	NT-ST200	NT-WR025 / NT-TX20	NT-CS200	NT-SG200

A PCLN

ISO CN - Negative

- Internal turning (KAPR 95°)
- Steel boring bar with internal coolant through
- Holds CN-style inserts
- Easy to use Levers-lock clamping. Suitable for long-chip materials



Right-hand shown



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID				Stock
LEFT-HAND											
NT-A25R-PCLNL12	32	25	17	200	95°	11°	CN-∞1204				●
NT-A32S-PCLNL12	40	32	22	250	95°	11°	CN-∞1204				●
NT-A40T-PCLNL12	50	40	27	300	95°	10°	CN-∞1204				●
RIGHT-HAND											
NT-A25R-PCLNR12	32	25	17	200	95°	11°	CN-∞1204				●
NT-A32S-PCLNR12	40	32	22	250	95°	11°	CN-∞1204				●
NT-A40T-PCLNR12	50	40	27	300	95°	10°	CN-∞1204				●

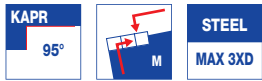
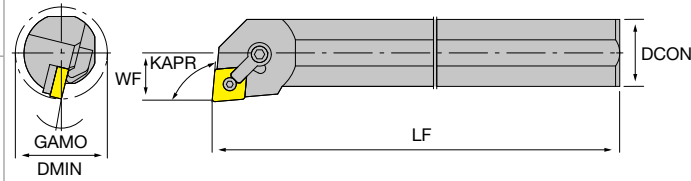
★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Elastic plug	Lever	Screw lever	L wrench	Shim
NT-A25R-PCLN ¹ / _r 12	NT-SR015	NT-LL015	NT-SC015	NT-WR025	
NT-A32S-PCLN ¹ / _r 12	NT-SR020	NT-LL020	NT-SC025	NT-WR030	NT-SH035
NT-A40T-PCLN ¹ / _r 12	NT-SR020	NT-LL020	NT-SC025	NT-WR030	NT-SH035

S MCLN

ISO CN - Negative

- Internal turning (KAPR 95°)
- Steel boring bar without internal coolant
- Holds CN-style inserts
- Double locking with Eccentric pins and bracket. Excellent clamping force



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID				Stock
LEFT-HAND											
NT-S20R-MCLNL12	25	20	13	200	95°	17°	CN∞1204				●
NT-S25R-MCLNL12	32	25	17	200	95°	14°	CN∞1204				●
NT-S32S-MCLNL12	40	32	22	250	95°	14°	CN∞1204				●
NT-S40T-MCLNL12	50	40	27	300	95°	12°	CN∞1204				●
NT-S50U-MCLNL12	63	50	35	350	95°	12°	CN∞1204				●
NT-S40T-MCLNL16	50	40	27	300	95°	11°	CN∞1606				●
NT-S50U-MCLNL16	63	50	35	350	95°	12°	CN∞1606				●
NT-S50U-MCLNL19	63	50	35	350	95°	12°	CN∞1906				⊙
RIGHT-HAND											
NT-S20R-MCLNR12	25	20	13	200	95°	17°	CN∞1204				●
NT-S25R-MCLNR12	32	25	17	200	95°	14°	CN∞1204				●
NT-S32S-MCLNR12	40	32	22	250	95°	14°	CN∞1204				●
NT-S40T-MCLNR12	50	40	27	300	95°	12°	CN∞1204				●
NT-S50U-MCLNR12	63	50	35	350	95°	12°	CN∞1204				●
NT-S40T-MCLNR16	50	40	27	300	95°	11°	CN∞1606				⊙
NT-S50U-MCLNR16	63	50	35	350	95°	12°	CN∞1606				●
NT-S50U-MCLNR19	63	50	35	350	95°	12°	CN∞1906				⊙

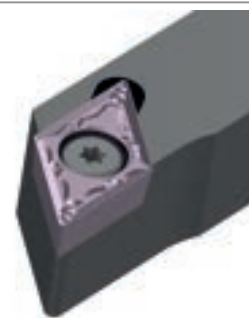
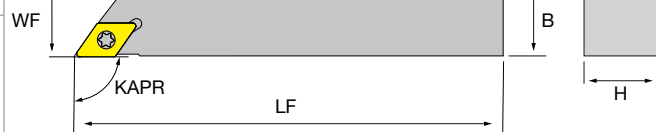
★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Eccentric pin	L wrench	Clamp	Clamp screw	Shim
NT-S20R-MCLN ^h /12	NT-SP010	NT-WR030	NT-CS010	NT-SC010	-
NT-S25R-MCLN ^h /12	NT-SP010	NT-WR030 / NT-WR025	NT-CS010	NT-SC010	-
NT-S32S-MCLN ^h /12	NT-SP010	NT-WR030	NT-CS010	NT-SC010	NT-SH030
NT-S40T-MCLN ^h /12	NT-SP010	NT-WR030	NT-CS010	NT-SC010	NT-SH030
NT-S50U-MCLN ^h /12	NT-SP010	NT-WR030	NT-CS010	NT-SC010	NT-SH030
NT-S40T-MCLN ^h /16	NT-SP040	NT-WR030	NT-CS010	NT-SC010	NT-SH055
NT-S50U-MCLN ^h /16	NT-SP040	NT-WR030	NT-CS010	NT-SC010	NT-SH055
NT-S50U-MCLN ^h /19	NT-SP050	NT-WR040 / NT-WR030	NT-CS015	NT-SC070	NT-SH080

SDAC

ISO DC - Positive

- External turning (KAPR 90°)
- Holds DC-style inserts, tightened by screw
- Suitable for lathes without offset



Designation	H	B	WF	LF	KAPR	MIID									Stock
LEFT-HAND															
NT-SDACL0808K07	8	8	8	125	90°	DC∞0702									☉
NT-SDACL1010K07	10	10	10	125	90°	DC∞0702									☉
NT-SDACL1212K07	12	12	12	125	90°	DC∞0702									●
NT-SDACL1212K11	12	12	12	125	90°	DC∞11T3									●
NT-SDACL1616K11	16	16	16	125	90°	DC∞11T3									●
RIGHT-HAND															
NT-SDACR0808K07	8	8	8	125	90°	DC∞0702									☉
NT-SDACR1010K07	10	10	10	125	90°	DC∞0702									●
NT-SDACR1212K07	12	12	12	125	90°	DC∞0702									●
NT-SDACR1212K11	12	12	12	125	90°	DC∞11T3									●
NT-SDACR1616K11	16	16	16	125	90°	DC∞11T3									●

★ 1st choice, ☆ suitable, ● stock standard, ☉ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench
NT-SDAC/ROOOO07	NT-ST25060T07B	NT-FT07
NT-SDAC/ROOOO11	NT-ST35089T15B	NT-FT15

SDJC

ISO DC - Positive

- External turning (KAPR 93°)
- Holds DC-style inserts, tightened by screw

Right-hand shown

Designation	H	B	WF	LF	LH	KAPR	MIID					Stock
LEFT-HAND												
NT-SDJCL1616H11	16	16	20	100	18	93°	DC∞11T3					●
NT-SDJCL2020K11	20	20	25	125	23	93°	DC∞11T3					●
NT-SDJCL2525M11	25	25	32	150	27	93°	DC∞11T3					●
RIGHT-HAND												
NT-SDJCR1616H11	16	16	20	100	18	93°	DC∞11T3					●
NT-SDJCR2020K11	20	20	25	125	23	93°	DC∞11T3					●
NT-SDJCR2525M11	25	25	32	150	27	93°	DC∞11T3					●

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench
NT-SDJC [☆] /R0000011	NT-ST35089T15B	NT-FT15

INDEXABLE

A - TURNING

B - THREADING

C - GROOVING

D - MILLING

E - DRILLING

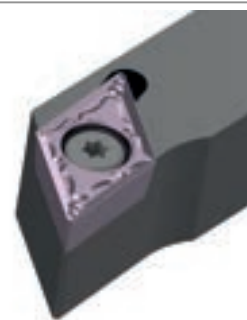
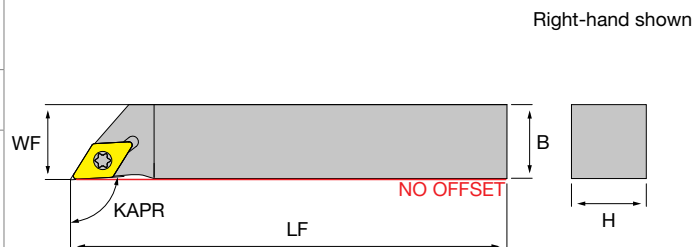
F - ACCESSORIES

G - SPARE PARTS

SDJC N

ISO DC - Positive

- External turning (KAPR 93°)
- Holds DC-style inserts, tightened by screw
- Suitable for lathes without offset



Designation	H	B	WF	LF	KAPR	MIID						Stock
LEFT-HAND												
NT-SDJCL0808K07N	8	8	8	125	93°	DC∞0702						⊙
NT-SDJCL1010K07N	10	10	10	125	93°	DC∞0702						⊙
NT-SDJCL1212K07N	12	12	12	125	93°	DC∞0702						⊙
NT-SDJCL1212K11N	12	12	12	125	93°	DC∞11T3						●
NT-SDJCL1616K11N	16	16	16	125	93°	DC∞11T3						●
RIGHT-HAND												
NT-SDJCR0808K07N	8	8	8	125	93°	DC∞0702						⊙
NT-SDJCR1010K07N	10	10	10	125	93°	DC∞0702						●
NT-SDJCR1212K07N	12	12	12	125	93°	DC∞0702						●
NT-SDJCR1212K11N	12	12	12	125	93°	DC∞11T3						●
NT-SDJCR1616K11N	16	16	16	125	93°	DC∞11T3						●

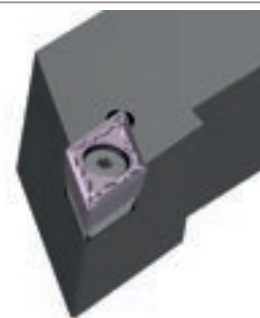
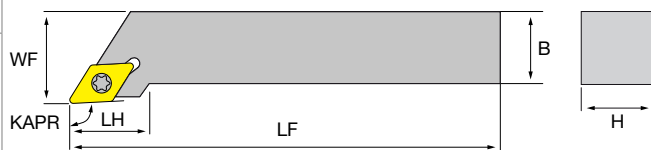
★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench
NT-SDJC [∞] / _{R00000} 07N	NT-ST25060T07B	NT-FT07
NT-SDJC [∞] / _{R00000} 11N	NT-ST35089T15B	NT-FT15

SDJC S

ISO DC - Positive

- External turning (KAPR 93°)
- Holds DC-style inserts, tightened by screw
- With shim



Designation	H	B	WF	LF	LH	KAPR	MIID				Stock
LEFT-HAND											
NT-SDJCL2020K11S	20	20	25	125	22	93°	DC∞11T3				●
NT-SDJCL2525M11S	25	25	32	150	25	93°	DC∞11T3				●
RIGHT-HAND											
NT-SDJCR2020K11S	20	20	25	125	22	93°	DC∞11T3				●
NT-SDJCR2525M11S	25	25	32	150	25	93°	DC∞11T3				●

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Shim	Shim screw	L wrench	Insert screw	Flag wrench
NT-SDJC/ROOOOO11S	NT-SH007	NT-SR010	NT-WR035	NT-ST35089T15B	NT-FT15

INDEXABLE

A - TURNING

B - THREADING

C - GROOVING

D - MILLING

E - DRILLING

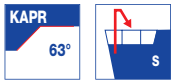
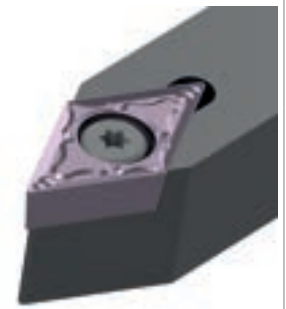
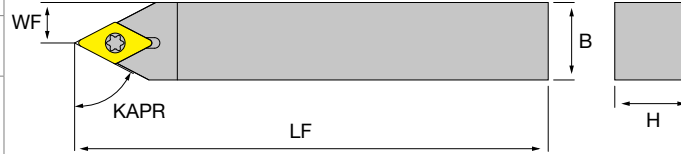
F - ACCESSORIES

G - SPARE PARTS

SDNC

ISO DC - Positive

- External turning (KAPR 62.5°), Neutral position
- Holds DC-style inserts, tightened by screw



INDEXABLE

A - TURNING

B - THREADING

C - GROOVING

D - MILLING

E - DRILLING

F - ACCESSORIES

G - SPARE PARTS

Designation	H	B	WF	LF	KAPR	MIID						Stock
NEUTRAL HOLDERS												
NT-SDNCN0808H07	8	8	4	100	62.5°	DC∞0702						●
NT-SDNCN1010H07	10	10	5	100	62.5°	DC∞0702						●
NT-SDNCN1212H11	12	12	6	100	62.5°	DC∞11T3						●
NT-SDNCN1616H11	16	16	8	100	62.5°	DC∞11T3						●
NT-SDNCN2020K11	20	20	10	125	62.5°	DC∞11T3						●
NT-SDNCN2525M11	25	25	12.5	150	62.5°	DC∞11T3						●

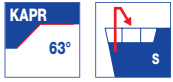
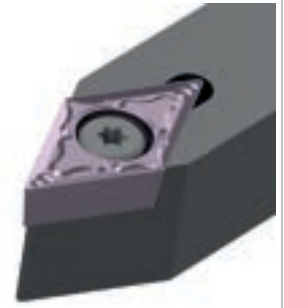
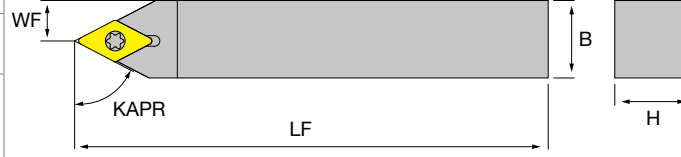
★ 1st choice, ☆ suitable, ● stock standard, ◎ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench
NT-SDNCN∞∞∞∞07	NT-ST25060T07B	NT-FT07
NT-SDNCN∞∞∞∞11	NT-ST35089T15B	NT-FT15

SDNC S

ISO DC - Positive

- External turning (KAPR 62.5°), Neutral position
- Holds DC-style inserts, tightened by screw
- With shim



Designation	H	B	WF	LF	KAPR	MIID						Stock
NEUTRAL HOLDERS												
NT-SDNCN2020K11S	20	20	10	125	62.5°	DC∞11T3						●
NT-SDNCN2525M11S	25	25	12.5	150	62.5°	DC∞11T3						●

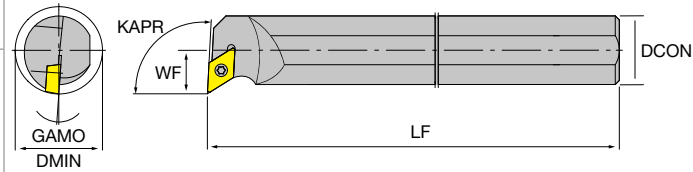
★ 1st choice, ☆ suitable, ● stock standard, ◎ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Shim	Shim screw	L wrench	Insert screw	Flag wrench
NT-SDNCN∞∞∞∞11S	NT-SH007	NT-SR010	NT-WR035	NT-ST35089T15B	NT-FT15

A SDUC

ISO DC - Positive

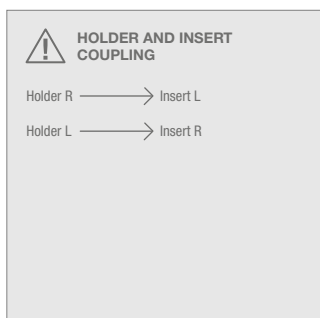
- Internal turning (KAPR 93°)
- Steel boring bar with internal coolant through
- Holds DC-style inserts, tightened by screws



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID					Stock
LEFT-HAND												
NT-A10M-SDUCL07	13	10	7	150	93°	10°	DC∞0702					●
NT-A12M-SDUCL07	16	12	9	150	93°	8°	DC∞0702					●
NT-A16Q-SDUCL07	20	16	1	180	93°	6°	DC∞0702					●
NT-A20R-SDUCL07	25	20	13	200	93°	5°	DC∞0702					◎
NT-A16Q-SDUCL11	20	16	1	180	93°	7°	DC∞11T3					●
NT-A20R-SDUCL11	25	20	13	200	93°	8°	DC∞11T3					●
RIGHT-HAND												
NT-A10M-SDUCR07	13	10	7	150	93°	10°	DC∞0702					●
NT-A12M-SDUCR07	16	12	9	150	93°	8°	DC∞0702					●
NT-A16Q-SDUCR07	20	16	1	180	93°	6°	DC∞0702					●
NT-A20R-SDUCR07	25	20	13	200	93°	5°	DC∞0702					◎
NT-A16Q-SDUCR11	20	16	1	180	93°	7°	DC∞11T3					●
NT-A20R-SDUCR11	25	20	13	200	93°	8°	DC∞11T3					●

★ 1st choice, ☆ suitable, ● stock standard, ◎ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

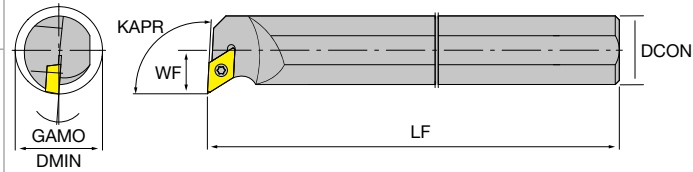
Spare parts	Insert screw	Flag wrench
NT-A∞∞-SDUC'/'n07	NT-ST25060T07B	NT-FT07
NT-A∞∞-SDUC'/'n11	NT-ST35089T15B	NT-FT15



E SDUC

ISO DC - Positive

- Internal turning (KAPR 93°)
- Carbide boring bar with internal coolant
- through. Maximum overhang: 7xDCON
- Holds DC-style inserts, tightened by screws



Right-hand shown



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID					Stock
LEFT-HAND												
NT-E10K-SDUCL07	13	10	7	125	93°	15°	DC∞-0702					●
NT-E12M-SDUCL07	16	12	9	150	93°	10°	DC∞-0702					●
NT-E16R-SDUCL11	20	16	11	200	93°	10°	DC∞-11T3					●
NT-E20R-SDUCL11	25	20	13	200	93°	10°	DC∞-11T3					●
RIGHT-HAND												
NT-E10K-SDUCR07	13	10	7	125	93°	15°	DC∞-0702					●
NT-E12M-SDUCR07	16	12	9	150	93°	10°	DC∞-0702					●
NT-E16R-SDUCR11	20	16	11	200	93°	10°	DC∞-11T3					●
NT-E20R-SDUCR11	25	20	13	200	93°	10°	DC∞-11T3					●

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench
NT-E∞∞-SDUC ^h /a07	NT-ST25060T07B	NT-FT07
NT-E∞∞-SDUC ^h /a11	NT-ST35089T15B	NT-FT15

! HOLDER AND INSERT COUPLING

Holder R → Insert L

Holder L → Insert R

INDEXABLE

A - TURNING

B - THREADING

C - GROOVING

D - MILLING

E - DRILLING

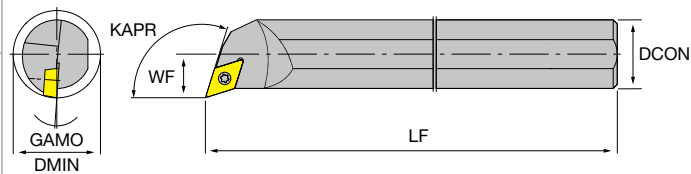
F - ACCESSORIES

G - SPARE PARTS

S SDQC

ISO DC - Positive

- Internal turning (KAPR 107.5°)
- Steel boring bar without internal coolant
- Holds DC-style inserts, tightened by screws



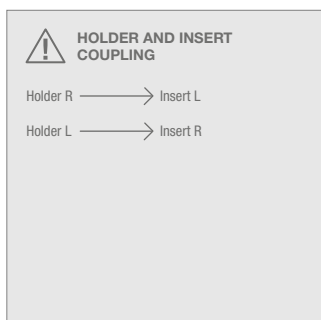
Right-hand shown



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID				Stock
LEFT-HAND											
NT-S10M-SDQCL07	13	10	7	150	107.5°	10°	DC∞0702				●
NT-S12M-SDQCL07	16	12	9	150	107.5°	8°	DC∞0702				●
NT-S16Q-SDQCL07	20	16	11	180	107.5°	6°	DC∞0702				●
NT-S20R-SDQCL07	25	20	13	200	107.5°	6°	DC∞0702				⊙
NT-S16Q-SDQCL11	20	16	11	180	107.5°	6°	DC∞11T3				●
NT-S20R-SDQCL11	25	20	13	200	107.5°	8°	DC∞11T3				●
NT-S25R-SDQCL11	32	25	17	200	107.5°	4°	DC∞11T3				●
NT-S32S-SDQCL11	40	32	22	250	107.5°	4°	DC∞11T3				●
RIGHT-HAND											
NT-S10M-SDQCR07	13	10	7	150	107.5°	10°	DC∞0702				●
NT-S12M-SDQCR07	16	12	9	150	107.5°	8°	DC∞0702				●
NT-S16Q-SDQCR07	20	16	11	180	107.5°	6°	DC∞0702				●
NT-S20R-SDQCR07	25	20	13	200	107.5°	6°	DC∞0702				⊙
NT-S16Q-SDQCR11	20	16	11	180	107.5°	6°	DC∞11T3				●
NT-S20R-SDQCR11	25	20	13	200	107.5°	8°	DC∞11T3				●
NT-S25R-SDQCR11	32	25	17	200	107.5°	4°	DC∞11T3				●
NT-S32S-SDQCR11	40	32	22	250	107.5°	4°	DC∞11T3				●

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

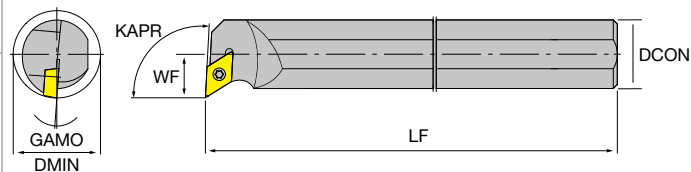
Spare parts	Insert screw	Flag wrench
NT-S∞∞-SDQC/∞07	NT-ST25060T07B	NT-FT07
NT-S∞∞-SDQC/∞11	NT-ST35089T15B	NT-FT15



S SDUC

ISO DC - Positive

- Internal turning (KAPR 93°)
- Steel boring bar without internal coolant
- Holds DC-style inserts, tightened by screws



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID				Stock
LEFT-HAND											
NT-S10M-SDUCL07	13	10	7	150	93°	10°	DC∞0702				●
NT-S12M-SDUCL07	16	12	9	150	93°	8°	DC∞0702				●
NT-S16Q-SDUCL07	20	16	11	180	93°	6°	DC∞0702				●
NT-S20R-SDUCL07	25	20	13	200	93°	5°	DC∞0702				◎
NT-S16Q-SDUCL11	20	16	11	180	93°	7°	DC∞11T3				●
NT-S20R-SDUCL11	25	20	13	200	93°	8°	DC∞11T3				●
NT-S25R-SDUCL11	32	25	17	200	93°	4°	DC∞11T3				●
NT-S32S-SDUCL11	40	32	22	250	93°	4°	DC∞11T3				●
NT-S40T-SDUCL11	50	40	24	300	93°	2°	DC∞11T3				◎
RIGHT-HAND											
NT-S10M-SDUCR07	13	10	7	150	93°	10°	DC∞0702				●
NT-S12M-SDUCR07	16	12	9	150	93°	8°	DC∞0702				●
NT-S16Q-SDUCR07	20	16	11	180	93°	6°	DC∞0702				●
NT-S20R-SDUCR07	25	20	13	200	93°	5°	DC∞0702				●
NT-S16Q-SDUCR11	20	16	11	180	93°	7°	DC∞11T3				●
NT-S20R-SDUCR11	25	20	13	200	93°	8°	DC∞11T3				●
NT-S25R-SDUCR11	32	25	17	200	93°	4°	DC∞11T3				●
NT-S32S-SDUCR11	40	32	22	250	93°	4°	DC∞11T3				●
NT-S40T-SDUCR11	50	40	24	300	93°	2°	DC∞11T3				●

★ 1st choice, ☆ suitable, ● stock standard, ◎ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench
NT-S∞∞-SDUC/∞07	NT-ST25060T07B	NT-FT07
NT-S∞∞-SDUC/∞11	NT-ST35089T15B	NT-FT15

! HOLDER AND INSERT COUPLING

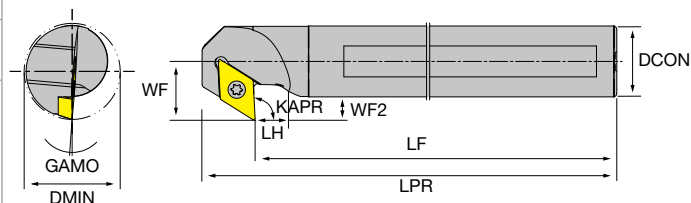
Holder R → Insert L

Holder L → Insert R

S SDZC

ISO DC - Positive

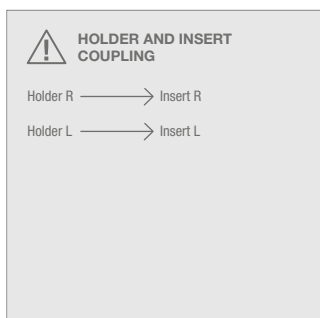
- Internal back turning (KAPR 93°)
- Steel boring bar without internal coolant
- Holds DC-style inserts, tightened by screws



Designation	DMIN	DCON	WF	WF2	LF	LH	LPR	KAPR	GAMO	MIID	Stock
LEFT-HAND											
NT-S10M-SDZCL07	14	10	8.5	3.5	139	11	150	93°	10°	DC∞0702	⊙
NT-S12M-SDZCL07	17	12	10.5	4.5	139	11	150	93°	9°	DC∞0702	⊙
NT-S16Q-SDZCL07	21	16	12.5	4.5	169	11	180	93°	8°	DC∞0702	⊙
NT-S20R-SDZCL11	26	20	15.5	5.5	184	16	200	93°	8°	DC∞11T3	⊙
NT-S25R-SDZCL11	33	25	18	5.5	180	20	200	93°	6°	DC∞11T3	⊙
NT-S32S-SDZCL11S	38	32	21.5	5.5	230	20	250	93°	4°	DC∞11T3	⊙
RIGHT-HAND											
NT-S10M-SDZCR07	14	10	8.5	3.5	139	11	150	93°	10°	DC∞0702	●
NT-S12M-SDZCR07	17	12	10.5	4.5	139	11	150	93°	9°	DC∞0702	●
NT-S16Q-SDZCR07	21	16	12.5	4.5	169	11	180	93°	8°	DC∞0702	●
NT-S20R-SDZCR11	26	20	15.5	5.5	184	16	200	93°	8°	DC∞11T3	●
NT-S25R-SDZCR11	33	25	18	5.5	180	20	200	93°	6°	DC∞11T3	●
NT-S32S-SDZCR11S	38	32	21.5	5.5	230	20	250	93°	4°	DC∞11T3	●

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

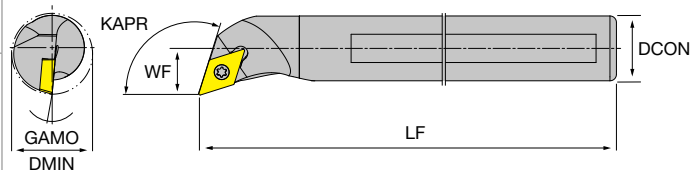
Spare parts	Insert screw	Flag wrench	Shim	Shim screw	L wrench
NT-S∞∞-SDZC'/#07	NT-ST25060T07B	NT-FT07	-	-	-
NT-S∞∞-SDZC'/#11	NT-ST35089T15B	NT-FT15	-	-	-
NT-S∞∞-SDZC'/#11S	NT-ST35089T15B	NT-FT15	NT-SH007	NT-SR010	NT-WR035



V SDQC

ISO DC - Positive

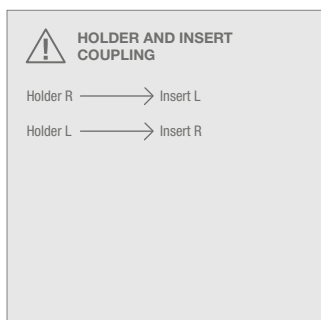
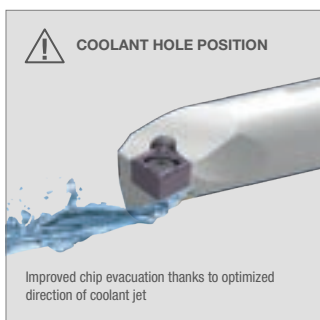
- Internal turning (KAPR 107.5°)
- Vortex boring bar (anti-vibration steel) with internal coolant through. Maximum overhang: 5xDCON
- Holds DC-style inserts, tightened by screws
- Special chip evacuation path



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID				Stock
LEFT-HAND											
NT-V10K-SDQCL07-13	13	10	7.7	125	107.5°	10°	DC∞0702				●
NT-V12M-SDQCL07-16	16	12	9.7	150	107.5°	8°	DC∞0702				●
NT-V16Q-SDQCL07-20	20	16	11.7	180	107.5°	6°	DC∞0702				●
NT-V20R-SDQCL07-25	25	20	13.7	200	107.5°	5°	DC∞0702				◎
NT-V16Q-SDQCL11-20	20	16	11.5	180	107.5°	6°	DC∞11T3				●
NT-V20R-SDQCL11-25	25	20	14.4	200	107.5°	5°	DC∞11T3				●
NT-V25S-SDQCL11-30	30	25	16.9	250	107.5°	4°	DC∞11T3				●
RIGHT-HAND											
NT-V10K-SDQCR07-13	13	10	7.7	125	107.5°	10°	DC∞0702				●
NT-V12M-SDQCR07-16	16	12	9.7	150	107.5°	8°	DC∞0702				●
NT-V16Q-SDQCR07-20	20	16	11.7	180	107.5°	6°	DC∞0702				●
NT-V20R-SDQCR07-25	25	20	13.7	200	107.5°	5°	DC∞0702				●
NT-V16Q-SDQCR11-20	20	16	11.5	180	107.5°	6°	DC∞11T3				●
NT-V20R-SDQCR11-25	25	20	14.4	200	107.5°	5°	DC∞11T3				●
NT-V25S-SDQCR11-30	30	25	16.9	250	107.5°	4°	DC∞11T3				●

★ 1st choice, ☆ suitable, ● stock standard, ◎ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

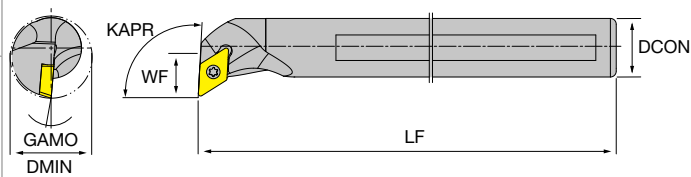
Spare parts	Insert screw	Flag wrench
NT-V∞-SDQC'/n07-∞	NT-ST25060T07B	NT-FT07
NT-V∞-SDQC'/n11-∞	NT-ST35089T15B	NT-FT15



V SDUC

ISO DC - Positive

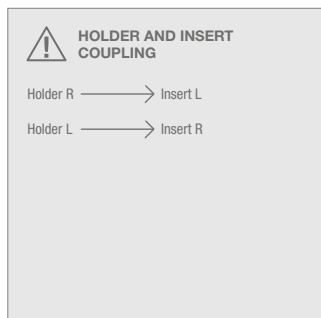
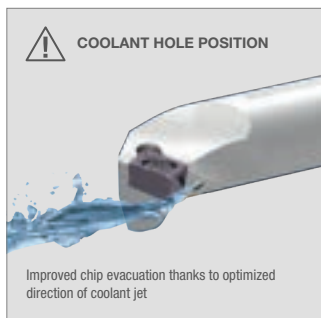
- Internal turning (KAPR 93°)
- Vortex boring bar (anti-vibration steel) with internal coolant through. Maximum overhang: 5xDCON
- Holds DC-style inserts, tightened by screws
- Special chip evacuation path



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID				Stock
LEFT-HAND											
NT-V10K-SDUCL07-14	14	10	8.7	125	93°	5°	DC∞0702				●
NT-V12M-SDUCL07-16	16	12	9.7	150	93°	5°	DC∞0702				●
NT-V16Q-SDUCL07-20	20	16	11.7	180	93°	5°	DC∞0702				●
NT-V20R-SDUCL07-25	25	20	13.7	200	93°	5°	DC∞0702				●
NT-V16Q-SDUCL11-23	23	16	14.5	180	93°	5°	DC∞11T3				●
NT-V20R-SDUCL11-27	27	20	16.5	200	93°	5°	DC∞11T3				●
NT-V25S-SDUCL11-32	32	25	19	250	93°	5°	DC∞11T3				●
RIGHT-HAND											
NT-V10K-SDUCR07-14	14	10	8.7	125	93°	5°	DC∞0702				●
NT-V12M-SDUCR07-16	16	12	9.7	150	93°	5°	DC∞0702				●
NT-V16Q-SDUCR07-20	20	16	11.7	180	93°	5°	DC∞0702				●
NT-V20R-SDUCR07-25	25	20	13.7	200	93°	5°	DC∞0702				●
NT-V16Q-SDUCR11-23	23	16	14.5	180	93°	5°	DC∞11T3				●
NT-V20R-SDUCR11-27	27	20	16.5	200	93°	5°	DC∞11T3				●
NT-V25S-SDUCR11-32	32	25	19	250	93°	5°	DC∞11T3				●

★ 1st choice, ☆ suitable, ● stock standard, ◎ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench
NT-V∞∞-SDUC'∞/∞07-∞	NT-ST25060T07B	NT-FT07
NT-V∞∞-SDUC'∞/∞11-∞	NT-ST35089T15B	NT-FT15



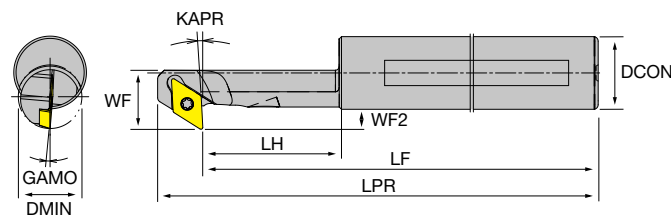
V SDZC

ISO DC - Positive

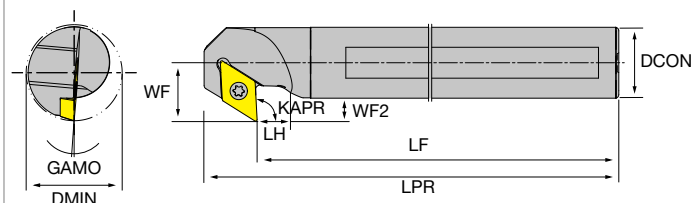
- Internal back turning (KAPR 93°)
- Vortex boring bar (anti-vibration steel) with internal coolant through. Maximum overhang: 5xDCON
- Holds DC-style inserts, tightened by screws
- Special chip evacuation path

Reduced neck

Right-hand shown



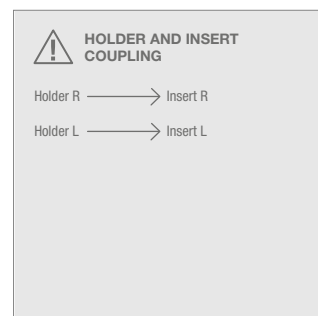
Right-hand shown



Designation	DMIN	DCON	WF	WF2	LF	LH	LPR	KAPR	GAMO	MIID	Stock
LEFT-HAND WITH REDUCED NECK											
NT-V16Q-SDZCL07-14	14	16	12.4	4.4	169.5	30	180	93°	5°	DC∞0702	●
NT-V20R-SDZCL11-20	20	20	16.1	6.1	185	40	200	93°	5°	DC∞11T3	◎
LEFT-HAND											
NT-V10L-SDZCL07-14	14	10	8.7	3.7	130.5	14	140	93°	5°	DC∞0702	◎
NT-V12M-SDZCL07-16	16	12	9.7	3.7	139.5	10.5	150	93°	5°	DC∞0702	◎
NT-V16Q-SDZCL07-20	20	16	11.7	3.7	169.5	17.5	180	93°	5°	DC∞0702	◎
NT-V16Q-SDZCL11-23	23	16	14.5	6.5	165	15	180	93°	5°	DC∞11T3	◎
NT-V20R-SDZCL11-27	27	20	16.5	6.5	185	15	200	93°	5°	DC∞11T3	◎
NT-V25S-SDZCL11-32	32	25	19	6.5	235	15	250	93°	5°	DC∞11T3	●
RIGHT-HAND WITH REDUCED NECK											
NT-V16Q-SDZCR07-14	14	16	12.4	4.4	169.5	30	180	93°	5°	DC∞0702	◎
NT-V20R-SDZCR11-20	20	20	16.1	6.1	185	40	200	93°	5°	DC∞11T3	●
RIGHT-HAND											
NT-V10L-SDZCR07-14	14	10	8.7	3.7	130.5	14	140	93°	5°	DC∞0702	●
NT-V12M-SDZCR07-16	16	12	9.7	3.7	139.5	10.5	150	93°	5°	DC∞0702	◎
NT-V16Q-SDZCR07-20	20	16	11.7	3.7	169.5	17.5	180	93°	5°	DC∞0702	◎
NT-V16Q-SDZCR11-23	23	16	14.5	6.5	165	15	180	93°	5°	DC∞11T3	◎
NT-V20R-SDZCR11-27	27	20	16.5	6.5	185	15	200	93°	5°	DC∞11T3	●
NT-V25S-SDZCR11-32	32	25	19	6.5	235	15	250	93°	5°	DC∞11T3	◎

★ 1st choice, ☆ suitable, ● stock standard, ◎ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

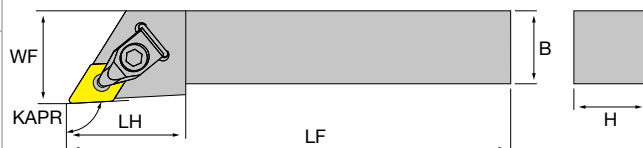
Spare parts	Insert screw	Flag wrench
NT-V∞∞-SDZC/∞07-∞	NT-ST25060T07B	NT-FT07
NT-V∞∞-SDZC/∞11-∞	NT-ST35089T15B	NT-FT15



DDJN

ISO DN - Negative

- External turning (KAPR 93°)
- Holds DN-style inserts
- Double pushing and pulling action with a single movement
- Quick and safe tightening



Designation	H	B	WF	LF	LH	KAPR	MIID					Stock
LEFT-HAND												
NT-DDJNL1616H11X	16	16	20	100	36	93°	DN∞1104					⊙
NT-DDJNL2020K11X	20	20	25	125	36	93°	DN∞1104					●
NT-DDJNL2525M11X	25	25	32	150	36	93°	DN∞1104					●
NT-DDJNL2020K1506X	20	20	25	125	43	93°	DN∞1506					●
NT-DDJNL2525M1506X	25	25	32	150	43	93°	DN∞1506					●
NT-DDJNL3225P1506X	32	25	32	170	43	93°	DN∞1506					●
RIGHT-HAND												
NT-DDJNR1616H11X	16	16	20	100	36	93°	DN∞1104					⊙
NT-DDJNR2525M11X	25	25	32	150	36	93°	DN∞1104					●
NT-DDJNR2020K1506X	20	20	25	125	43	93°	DN∞1506					●
NT-DDJNR2525M1506X	25	25	32	150	43	93°	DN∞1506					●
NT-DDJNR3225P1506X	32	25	32	170	43	93°	DN∞1506					●

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

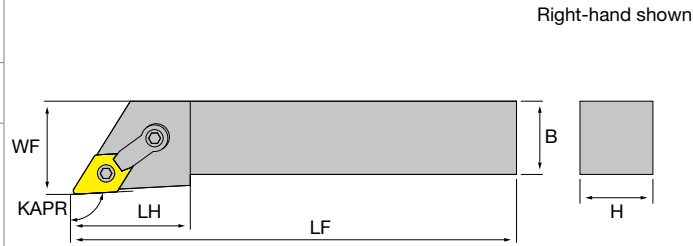
Spare parts	Shim	Shim screw	L wrench	Clamp	Spring	Clamp screw
NT-DDJN ⁺ /r∞∞∞∞11X	NT-SH007	NT-ST250	NT-WR020 / NT-TX15	NT-CS250	NT-SG250	NT-SC250
NT-DDJN ⁺ /r∞∞∞∞1506X	NT-SH045	NT-ST200	NT-WR025 / NT-TX20	NT-CS200	NT-SG200	NT-SC200



MDJN

ISO DN - Negative

- External turning (KAPR 93°)
- Holds DN-style inserts
- Double locking with Eccentric pins and bracket. Excellent clamping force



Designation	H	B	WF	LF	LH	KAPR	MIID					Stock
LEFT-HAND												
NT-MDJNL2020K1506	20	20	25	125	36	93°	DN∞1506					●
NT-MDJNL2525M1506	25	25	32	150	36	93°	DN∞1506					●
NT-MDJNL3232P1506	32	32	40	170	43	93°	DN∞1506					●
RIGHT-HAND												
NT-MDJNR2020K1506	20	20	25	125	36	93°	DN∞1506					●
NT-MDJNR2525M1506	25	25	32	150	36	93°	DN∞1506					●
NT-MDJNR3232P1506	32	32	40	170	43	93°	DN∞1506					●

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Shim	Eccentric pin	Clamp	Clamp screw	L wrench
NT-MDJN/∞∞∞∞∞1506	NT-SH045	NT-SP025	NT-CS025	NT-SC010	NT-WR030



INDEXABLE

A - TURNING

B - THREADING

C - GROOVING

D - MILLING

E - DRILLING

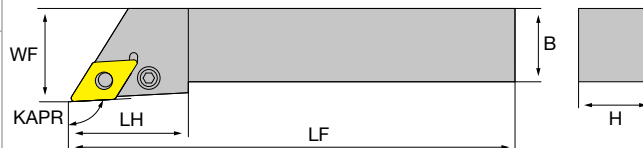
F - ACCESSORIES

G - SPARE PARTS

PDJN

ISO DN - Negative

- External turning (KAPR 93°)
- Holds DN-style inserts
- Easy to use Levers-lock clamping
- Suitable for long-chip materials



Designation	H	B	WF	LF	LH	KAPR	MIID				Stock
LEFT-HAND											
NT-PDJNL2525M1506	25	25	32	150	36	93°	DN=1506				●
RIGHT-HAND											
NT-PDJNR2525M1506	25	25	32	150	36	93°	DN=1506				●

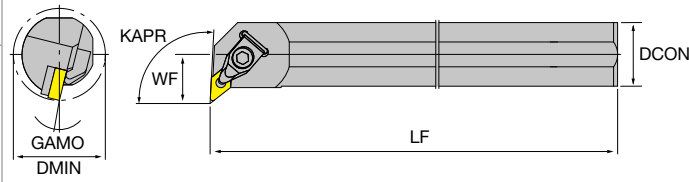
★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Shim	Elastic plug	Lever	Screw lever	L wrench
NT-PDJN ⁺ /R000001506	NT-SH020	NT-SR020	NT-LL020	NT-SC020	NT-WR020

A DDUN

ISO DN - Negative

- Internal turning (KAPR 93°)
- Steel boring bar with internal coolant through
- Holds DN-style inserts
- Double pushing and pulling action with a single movement. Quick and safe tightening



Right-hand shown



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID					Stock
LEFT-HAND												
NT-A25R-DDUNL1506	32	25	17	200	93°	16°	DN=∞1506					●
NT-A32S-DDUNL1506	40	32	22	250	93°	12°	DN=∞1506					●
NT-A40T-DDUNL1506	50	40	27	300	93°	10°	DN=∞1506					●
RIGHT-HAND												
NT-A25R-DDUNR1506	32	25	17	200	93°	16°	DN=∞1506					●
NT-A32S-DDUNR1506	40	32	22	250	93°	12°	DN=∞1506					●
NT-A40T-DDUNR1506	50	40	27	300	93°	10°	DN=∞1506					●

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Shim	Shim screw	L wrench	Clamp	Spring	Clamp screw
NT-A _{∞∞} -DDUN- _r 1506	NT-SH020	NT-ST200	NT-WR025 / NT-TX20	NT-CS200	NT-SG200	NT-SC200

! DN_{∞∞}1504_{∞∞}

NT-SH045
For 04 thickness, please order separately the correct shim

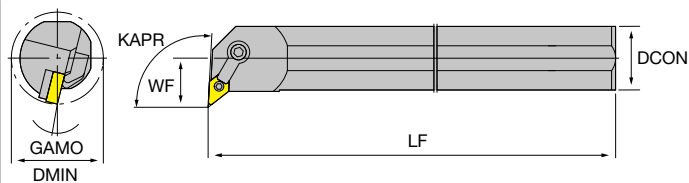
! HOLDER AND INSERT COUPLING

Holder R → Insert L
Holder L → Insert R

S MDUN

ISO DN - Negative

- Internal turning (KAPR 93°)
- Steel boring bar without internal coolant
- Holds DN-style inserts
- Double locking with Eccentric pins and bracket. Excellent clamping force



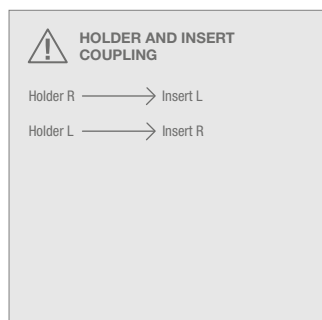
Right-hand shown



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID				Stock
LEFT-HAND											
NT-S32S-MDUNL1506	40	32	22	250	93°	17°	DN=1506				●
NT-S40T-MDUNL1506	50	40	27	300	93°	15°	DN=1506				●
NT-S50U-MDUNL1506	63	50	35	350	93°	12°	DN=1506				●
RIGHT-HAND											
NT-S32S-MDUNR1506	40	32	22	250	93°	17°	DN=1506				●
NT-S40T-MDUNR1506	50	40	27	300	93°	15°	DN=1506				●
NT-S50U-MDUNR1506	63	50	35	350	93°	12°	DN=1506				●

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

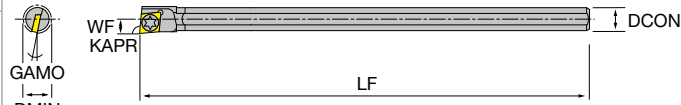
Spare parts	Shim	Eccentric pin	Clamp	Clamp screw	L wrench
NT-S32S-MDUN/r1506	NT-SH045	NT-SP010	NT-CS010	NT-SC010	NT-WR030
NT-S40T-MDUN/r1506	NT-SH045	NT-SP025	NT-CS025	NT-SC010	NT-WR030
NT-S50U-MDUN/r1506	NT-SH045	NT-SP025	NT-CS025	NT-SC010	NT-WR030



E MCC

Micro CC - Positive

- Internal turning (KAPR 95°)
- Carbide boring bar with internal coolant through. Maximum overhang: 7xDCON
- Holds MCC-style inserts, tightened by screws



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID					Stock
RIGHT-HAND												
NT-E04G-MICRO-CC-RH	5	4	2.5	90	95°	15°	MCC					●
NT-E05H-MICRO-CC-RH	6	5	3	100	95°	13°	MCC					●

★ 1st choice, ☆ suitable, ● stock standard, ◎ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench
NT-E [∞] -MICRO-CC-RH	NT-ST16031T06	NT-FT06

! SLEEVE AVAILABLE

Please find all the available sleeves at chapter F-ACCESSORIES

! HOLDER AND INSERT COUPLING

Holder R → Insert L

INDEXABLE

A - TURNING

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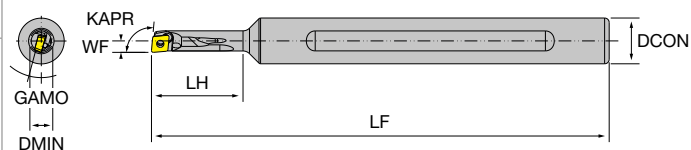
F - ACCESSORIES

G - SPARE PARTS

V MCC

Micro CC - Positive

- Internal turning (KAPR 95°)
- Vortex boring bar (anti-vibration steel) with internal coolant through. Maximum overhang: 5xDCON
- Holds MCC-style inserts, tightened by screws
- Special chip evacuation path



Right-hand shown



Designation	DMIN	DCON	WF	LF	LH	KAPR	GAMO	MID				Stock
LEFT-HAND WITH REDUCED NECK												
NT-V10H-MICRO-CC-LH-06	6	10	3	100	25	95°	13°	MCC				○
RIGHT-HAND WITH REDUCED NECK												
NT-V10H-MICRO-CC-RH-05	5	10	2.5	100	20	95°	15°	MCC				●
NT-V10H-MICRO-CC-RH-06	6	10	3	100	25	95°	13°	MCC				●

★ 1st choice, ☆ suitable, ● stock standard, ○ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench
NT-V10H-MICRO-CC-L/RH-∞	NT-ST25060T07B	NT-FT07

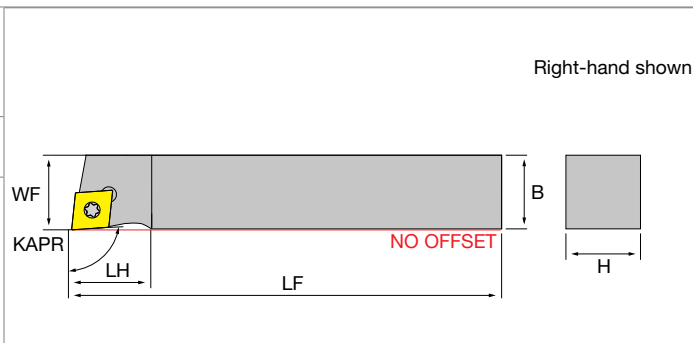
! HOLDER AND INSERT COUPLING

Holder R → Insert L

EX MCN

MicroNega - MCN

- External turning (KAPR 95°)
- Holds MCN-style inserts, tightened by screw
- Suitable for lathes without offset



Designation	H	B	WF	LF	LH	KAPR	MIID				Stock
LEFT-HAND											
NT-EX10H-MICRO-CN-LH	10	10	10	100	15	95°	MCN				⊙
NT-EX12H-MICRO-CN-LH	12	12	12	100	15	95°	MCN				⊙
NT-EX16K-MICRO-CN-LH	16	16	16	125	15	95°	MCN				⊙
NT-EX20K-MICRO-CN-LH	20	20	20	120	15	95°	MCN				▽
NT-EX25M-MICRO-CN-LH	25	25	25	150	15	95°	MCN				▽
RIGHT-HAND											
NT-EX10H-MICRO-CN-RH	10	10	10	100	15	95°	MCN				●
NT-EX12H-MICRO-CN-RH	12	12	12	100	15	95°	MCN				●
NT-EX16K-MICRO-CN-RH	16	16	16	125	15	95°	MCN				●
NT-EX20K-MICRO-CN-RH	20	20	20	120	15	95°	MCN				▽
NT-EX25M-MICRO-CN-RH	25	25	25	150	15	95°	MCN				▽

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench
NT-EX ₀₀₀ -MICRO-CN-1/8H	NT-ST30070T10	NT-FT10

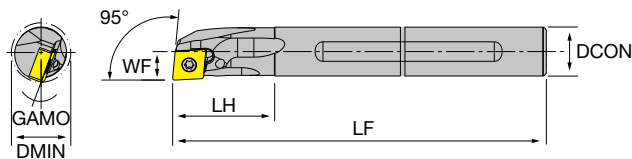
EXCELLENT STABILITY

The design of MCN inserts was done with great attention to the connection surfaces, to achieve a great stability and reliability

V MCN

MicroNega - MCN

- Internal turning (KAPR 95°)
- Vortex boring bar (anti-vibration steel) with internal coolant through
- Holds MCN-style inserts, tightened by screws
- Special chip evacuation path



Designation	DMIN	DCON	WF	LF	LH	KAPR	GAMO	MID				Stock
LEFT-HAND												
NT-V08H-MICRO-CN-LH-10	10	8	5.5	100	20	95°	24°	MCN				◎
NT-V10K-MICRO-CN-LH-12	12	10	6	125	21	95°	21°	MCN				●
NT-V12M-MICRO-CN-LH-14	14	12	7	150	25	95°	20°	MCN				●
NT-V16Q-MICRO-CN-LH-18	18	16	9	180	31	95°	17°	MCN				●
NT-V20R-MICRO-CN-LH-22	22	20	11	200	37	95°	17°	MCN				●
RIGHT-HAND												
NT-V08H-MICRO-CN-RH-10	10	8	5.5	100	20	95°	24°	MCN				●
NT-V10K-MICRO-CN-RH-12	12	10	6	125	21	95°	21°	MCN				●
NT-V12M-MICRO-CN-RH-14	14	12	7	150	25	95°	20°	MCN				●
NT-V16Q-MICRO-CN-RH-18	18	16	9	180	31	95°	17°	MCN				●
NT-V20R-MICRO-CN-RH-22	22	20	11	200	37	95°	17°	MCN				●

★ 1st choice, ☆ suitable, ● stock standard, ◎ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench
NT-V ₀₀₀ -MICRO-CN- ¹ / ₄ H- ₀₀	NT-ST30070T10	NT-FT10

EXCELLENT STABILITY

The design of MCN inserts was done with great attention to the connection surfaces, to achieve a great stability and reliability

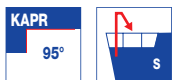
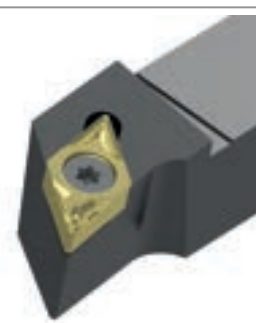
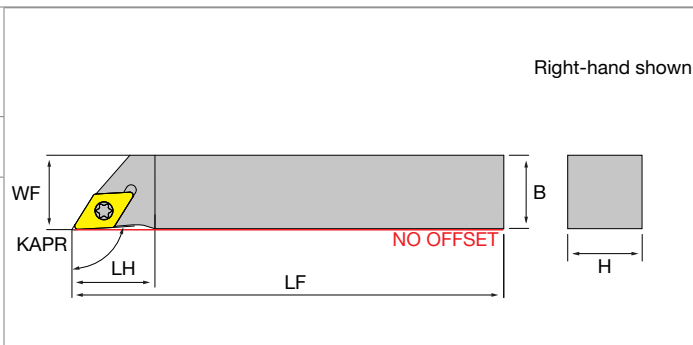
HOLDER AND INSERT COUPLING

Holder R → Insert L
 Holder L → Insert R

EX MDN

MicroNega - MDN

- External turning (KAPR 95°)
- Holds MDN-style inserts, tightened by screw
- Suitable for lathes without offset



Designation	H	B	WF	LF	LH	KAPR	MIID					Stock
LEFT-HAND												
NT-EX10H-MICRO-DN-LH	10	10	10	100	18	95°	MDN					⊙
NT-EX12H-MICRO-DN-LH	12	12	12	100	18	95°	MDN					●
NT-EX16K-MICRO-DN-LH	16	16	16	125	18	95°	MDN					⊙
NT-EX20K-MICRO-DN-LH	20	20	20	120	15	95°	MDN					▽
NT-EX25M-MICRO-DN-LH	25	25	25	150	15	95°	MDN					▽
RIGHT-HAND												
NT-EX10H-MICRO-DN-RH	10	10	10	100	18	95°	MDN					⊙
NT-EX12H-MICRO-DN-RH	12	12	12	100	18	95°	MDN					●
NT-EX16K-MICRO-DN-RH	16	16	16	125	18	95°	MDN					⊙
NT-EX20K-MICRO-DN-RH	20	20	20	120	15	95°	MDN					▽
NT-EX25M-MICRO-DN-RH	25	25	25	150	15	95°	MDN					▽

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench
NT-EX ₀₀₀ -MICRO-DN-1/2H	NT-ST30070T10	NT-FT10

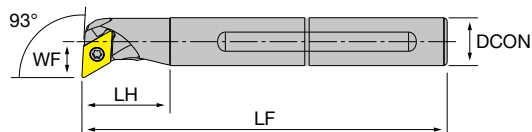
EXCELLENT STABILITY

The design of MDN inserts was done with great attention to the connection surfaces, to achieve a great stability and reliability

V MDN

MicroNega - MDN

- Internal turning (KAPR 93°)
- Vortex boring bar (anti-vibration steel) with internal coolant through
- Holds MDN-style inserts, tightened by screws
- Special chip evacuation path



Right-hand shown



Designation	DMIN	DCON	WF	LF	LH	KAPR	GAMO	MID				Stock
LEFT-HAND												
NT-V10K-MICRO-DN-LH-15	15	10	9.8	125	19	93°	19°	MDN				●
NT-V12M-MICRO-DN-LH-16	16	12	9	150	22	93°	17°	MDN				●
NT-V16Q-MICRO-DN-LH-20	20	16	11	180	22	93°	15°	MDN				●
NT-V20R-MICRO-DN-LH-25	25	20	13	200	23	93°	13°	MDN				●
RIGHT-HAND												
NT-V10K-MICRO-DN-RH-15	15	10	9.8	125	19	93°	19°	MDN				●
NT-V12M-MICRO-DN-RH-16	16	12	9	150	22	93°	17°	MDN				●
NT-V16Q-MICRO-DN-RH-20	20	16	11	180	22	93°	15°	MDN				●
NT-V20R-MICRO-DN-RH-25	25	20	13	200	23	93°	13°	MDN				●

★ 1st choice, ☆ suitable, ● stock standard, ◎ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench
NT-V ∞ -MICRO-DN- $\frac{1}{2}$ H ∞	NT-ST30070T10	NT-FT10

EXCELLENT STABILITY

The design of MDN inserts was done with great attention to the connection surfaces, to achieve a great stability and reliability

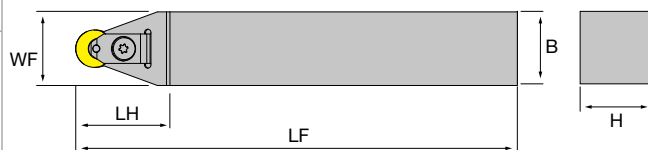
HOLDER AND INSERT COUPLING

Holder R → Insert L
 Holder L → Insert R

CRDNN

ISO RN - Advanced

- For full solid CBN and ceramic inserts, reliable clamping
- Suitable for flat top and dimple type insert



Designation	H	B	WF	LF	LH	KAPR	MIID					Stock
NEUTRAL HOLDERS												
NT-CRDNN2525M09	25	25	12.5	150	32	-	RNGN0903					▲
NT-CRDNN2525M12	25	25	12.5	150	32	-	RNGN1204					▲

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	L wrench	Clamping set	Shim screw	Shim
NT-CRDNN2525M09	NT-WR030	NT-CS154	NT-ST110	NT-SH100
NT-CRDNN2525M12	NT-TX15	NT-CS155	NT-ST110	NT-SH102

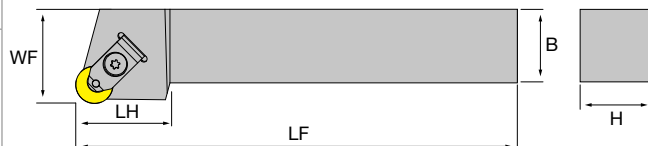
RNGN120700

NT-SH101
For 07 thickness, please order separately the correct shim

CRSN

ISO RN - Advanced

- For full solid CBN and ceramic inserts, reliable clamping
- Suitable for flat top and dimple type insert



Right-hand shown



Designation	H	B	WF	LF	LH	KAPR	MIID				Stock
RIGHT-HAND											
NT-CRSNR2525M09	25	25	32	150	32	-	RNGN0903				▲
NT-CRSNR2525M12	25	25	32	150	32	-	RNGN1204				▲

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	L wrench	Clamping set	Shim screw	Shim
NT-CRSNR2525M09	NT-WR030	NT-CS110	NT-ST110	NT-SH100
NT-CRSNR2525M12	NT-TX15	NT-CS120	NT-ST110	NT-SH102

⚠ RNGN120700



NT-SH101
For 07 thickness, please order separately the correct shim

SSDC

ISO SC - Positive

- External turning (KAPR 45°), Neutral position
- Holds SC-style inserts, tightened by screw

KAPR
45°

Designation	H	B	WF	LF	KAPR	MIID					Stock
NEUTRAL HOLDERS											
NT-SSDCN2020K09	20	20	10	125	45°	SC∞09T3					◎
NT-SSDCN2525M09	25	25	12.5	150	45°	SC∞09T3					●
NT-SSDCN2020K12	20	20	10	125	45°	SC∞1204					●
NT-SSDCN2525M12	25	25	12.5	150	45°	SC∞1204					●

★ 1st choice, ☆ suitable, ● stock standard, ◎ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

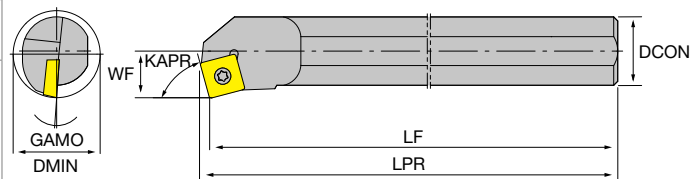
Spare parts	Insert screw	Flag wrench
NT-SSDCN∞∞∞∞09	NT-ST40090T15	NT-FT15
NT-SSDCN∞∞∞∞12	NT-ST40115T15	NT-FT15

INDEXABLE
A - TURNING
B - THREADING
C - GROOVING
D - MILLING
E - DRILLING
F - ACCESSORIES
G - SPARE PARTS

S SSKC

ISO SC - Positive

- Internal turning (KAPR 75°)
- Steel boring bar without internal coolant
- Holds SC-style inserts, tightened by screws



Right-hand shown



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID				Stock
LEFT-HAND											
NT-S12M-SSKCL09	16	12	8.5	147	75°	12°	SC∞09T3				●
NT-S16Q-SSKCL09	20	16	11	177	75°	11°	SC∞09T3				●
NT-S20R-SSKCL09	25	20	13	196	75°	6°	SC∞09T3				●
NT-S25R-SSKCL09	31	25	15	198	75°	6°	SC∞09T3				●
NT-S25R-SSKCL12	32	25	17	196	75°	7°	SC∞1204				●
NT-S32S-SSKCL12	40	32	22	246	75°	7°	SC∞1204				●
RIGHT-HAND											
NT-S12M-SSKCR09	16	12	8.5	147	75°	12°	SC∞09T3				●
NT-S16Q-SSKCR09	20	16	11	177	75°	11°	SC∞09T3				●
NT-S20R-SSKCR09	25	20	13	196	75°	6°	SC∞09T3				●
NT-S25R-SSKCR09	31	25	15	198	75°	6°	SC∞09T3				●
NT-S25R-SSKCR12	32	25	17	196	75°	7°	SC∞1204				●
NT-S32S-SSKCR12	40	32	22	246	75°	7°	SC∞1204				●

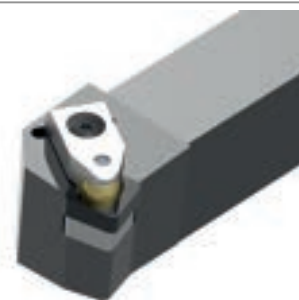
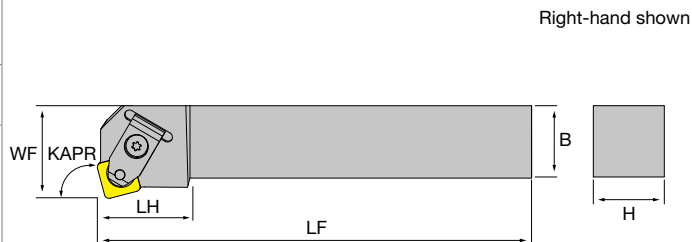
★ 1st choice, ☆ suitable, ● stock standard, ● non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench
NT-S∞∞-SSKC'/n09	NT-ST40090T15	NT-FT15
NT-S∞∞-SSKC'/n12	NT-ST40115T15	NT-FT15

CSKN

ISO SN - Advanced

- For full solid CBN and ceramic inserts, reliable clamping
- Suitable for flat top and dimple type insert



Designation	H	B	WF	LF	LH	KAPR	MIID					Stock
RIGHT-HAND												
NT-CSKNR2525M12	25	25	32	150	32	75°	SN∞1204					▲

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	L wrench	Clamping set	Shim screw	Shim
NT-CSKNR2525M12	 NT-WR030 / NT-WR025	 NT-CS152	 NT-ST130	 NT-SH071



+



INDEXABLE

A - TURNING

B - THREADING

C - GROOVING

D - MILLING

E - DRILLING

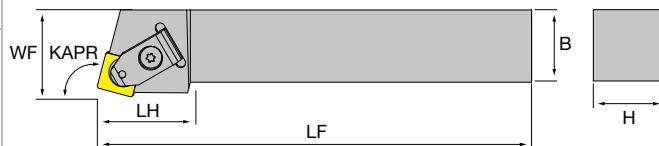
F - ACCESSORIES

G - SPARE PARTS

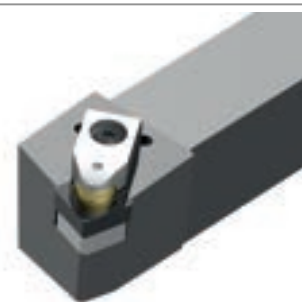
CSRN

ISO SN - Advanced

- For full solid CBN and ceramic inserts, reliable clamping
- Suitable for flat top and dimple type insert



Right-hand shown



Designation	H	B	WF	LF	LH	KAPR	MIID				Stock
RIGHT-HAND											
NT-CSRNR2525M12	25	25	27	150	32	75°	SN∞1204				▲

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	L wrench	Clamping set	Shim screw	Shim
	NT-WR030 / NT-WR025	NT-CS152	NT-ST130	NT-SH071

! SNoN1207∞

NT-SH072
For 07 thickness, please order separately the correct shim

! SNoX1207∞

NT-SH072
For 07 thickness, please order separately the correct shim

+

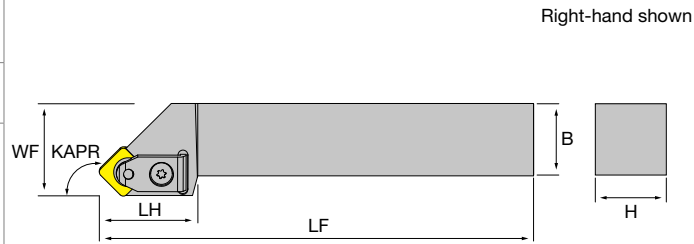
! SNoX1207∞

NT-CS153
For dimple top inserts, please order separately the correct clamp

CSSN

ISO SN - Advanced

- For full solid CBN and ceramic inserts, reliable clamping
- Suitable for flat top and dimple type insert



Designation	H	B	WF	LF	LH	KAPR	MIID					Stock
RIGHT-HAND												
NT-CSSNR2525M12	25	25	32	150	34	45°	SN∞1204					▲

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	L wrench	Clamping set	Shim screw	Shim
	NT-WR030 / NT-WR025	NT-CS152	NT-ST130	NT-SH071



+



INDEXABLE

A - TURNING

B - THREADING

C - GROOVING

D - MILLING

E - DRILLING

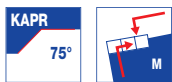
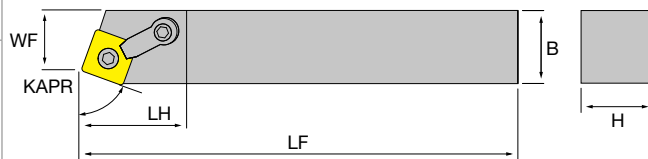
F - ACCESSORIES

G - SPARE PARTS

MSBN

ISO SN - Negative

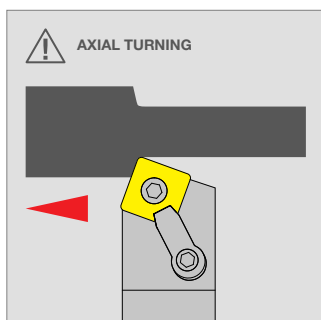
- External turning (KAPR 75°)
- Holds SN-style inserts
- Double locking with Eccentric pins and bracket. Excellent clamping force



Designation	H	B	WF	LF	LH	KAPR	MIID					Stock
LEFT-HAND												
NT-MSBNL2020K12	20	20	17	125	37	75°	SN-∞1204					⊙
NT-MSBNL2525M12	25	25	22	150	37	75°	SN-∞1204					●
NT-MSBNL3232P12	32	32	27	170	42	75°	SN-∞1204					⊙
NT-MSBNL3232P19	32	32	27	170	42	75°	SN-∞1906					⊙
NT-MSBNL4040S19	40	40	35	250	42	75°	SN-∞1906					⊙
RIGHT-HAND												
NT-MSBNR2020K12	20	20	17	125	37	75°	SN-∞1204					⊙
NT-MSBNR2525M12	25	25	22	150	37	75°	SN-∞1204					⊙
NT-MSBNR3232P12	32	32	27	170	42	75°	SN-∞1204					⊙
NT-MSBNR3232P19	32	32	27	170	42	75°	SN-∞1906					⊙
NT-MSBNR4040S19	40	40	35	250	42	75°	SN-∞1906					⊙

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Shim	Eccentric pin	Clamp	Clamp screw	L wrench
NT-MSBN/∞0000012	NT-SH070	NT-SP010	NT-CS010	NT-SC010	NT-WR030
NT-MSBN/∞0000019	NT-SH090	NT-SP050	NT-CS015	NT-SC070	NT-WR040



MSDN

ISO SN - Negative

- External turning (KAPR 45°), Neutral position
- Holds SN-style inserts
- Double locking with Eccentric pins and bracket. Excellent clamping force

Designation	H	B	WF	LF	LH	KAPR	MIID					Stock
NEUTRAL HOLDERS												
NT-MSDNN2020K12	20	20	10	125	35	45°	SN-∞1204					●
NT-MSDNN2525M12	25	25	12.5	150	37	45°	SN-∞1204					●
NT-MSDNN3232P12	32	32	16	170	43	45°	SN-∞1204					⊙

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

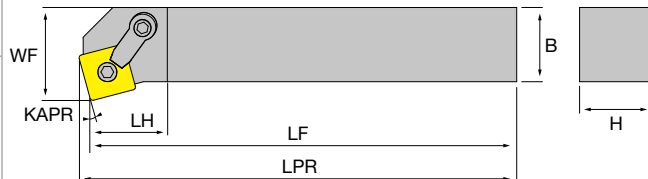
Spare parts	Shim	Eccentric pin	Clamp	Clamp screw	L wrench
NT-MSDNN∞∞∞∞12	NT-SH070	NT-SP010	NT-CS010	NT-SC010	NT-WR030

INDEXABLE
A - TURNING
B - THREADING
C - GROOVING
D - MILLING
E - DRILLING
F - ACCESSORIES
G - SPARE PARTS

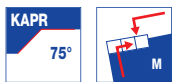
MSKN

ISO SN - Negative

- External turning (KAPR 75°)
- Holds SN-style inserts
- Double locking with Eccentric pins and bracket. Excellent clamping force



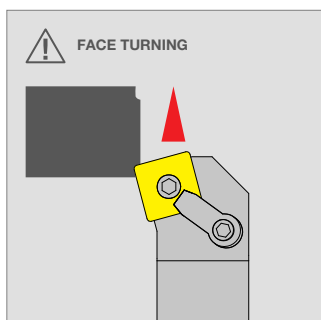
Right-hand shown



Designation	H	B	WF	LF	LH	LPR	KAPR	MIID			Stock
LEFT-HAND											
NT-MSKNL2020K12	20	20	25	122	37	125	75°	SN∞1204			●
NT-MSKNL2525M12	25	25	32	147	37	150	75°	SN∞1204			●
NT-MSKNL3232P12	32	32	40	167	42	170	75°	SN∞1204			⊙
NT-MSKNL4040S19	40	40	50	247	42	250	75°	SN∞1906			⊙
RIGHT-HAND											
NT-MSKNR2020K12	20	20	25	122	37	125	75°	SN∞1204			●
NT-MSKNR2525M12	25	25	32	147	37	150	75°	SN∞1204			●
NT-MSKNR3232P12	32	32	40	167	42	170	75°	SN∞1204			⊙
NT-MSKNR4040S19	40	40	50	247	42	250	75°	SN∞1906			⊙

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

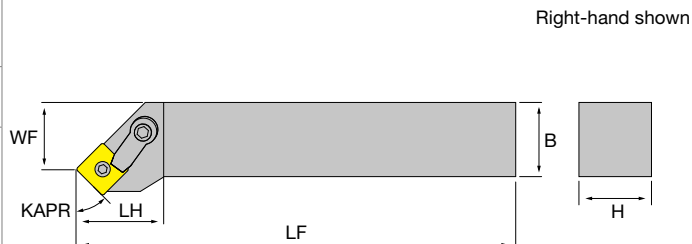
Spare parts	Shim	Eccentric pin	Clamp	Clamp screw	L wrench
NT-MSKN/80000012	NT-SH070	NT-SP010	NT-CS010	NT-SC010	NT-WR030
NT-MSKN/80000019	NT-SH090	NT-SP050	NT-CS015	NT-SC070	NT-WR040



MSSN

ISO SN - Negative

- External turning (KAPR 45°)
- Holds SN-style inserts
- Double locking with Eccentric pins and bracket. Excellent clamping force



Designation	H	B	WF	LF	KAPR	MIID					Stock
LEFT-HAND											
NT-MSSNL2020K12	20	20	25	125	45°	SN∞1204					●
NT-MSSNL2525M12	25	25	32	150	45°	SN∞1204					●
NT-MSSNL3232P12	32	32	40	170	45°	SN∞1204					⊙
NT-MSSNL3232P19	32	32	40	170	45°	SN∞1906					⊙
NT-MSSNL4040S19	40	40	40	250	45°	SN∞1906					⊙
RIGHT-HAND											
NT-MSSNR2020K12	20	20	25	125	45°	SN∞1204					●
NT-MSSNR2525M12	25	25	32	150	45°	SN∞1204					●
NT-MSSNR3232P12	32	32	40	170	45°	SN∞1204					⊙
NT-MSSNR3232P19	32	32	40	170	45°	SN∞1906					⊙
NT-MSSNR4040S19	40	40	40	250	45°	SN∞1906					⊙

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Shim	Eccentric pin	Clamp	Clamp screw	L wrench
NT-MSSN/ _{R00000} 12	NT-SH070	NT-SP010	NT-CS010	NT-SC010	NT-WR030
NT-MSSN/ _{R00000} 19	NT-SH090	NT-SP050	NT-CS015	NT-SC070	NT-WR040

INDEXABLE

A - TURNING

B - THREADING

C - GROOVING

D - MILLING

E - DRILLING

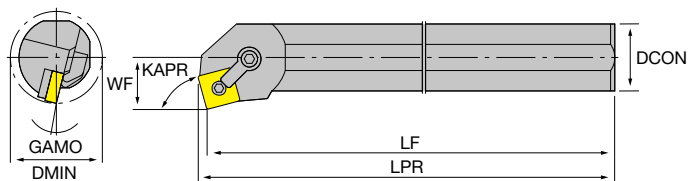
F - ACCESSORIES

G - SPARE PARTS

S MSKN

ISO SN - Negative

- Internal turning (KAPR 75°)
- Steel boring bar without internal coolant
- Holds SN-style inserts
- Double locking with Eccentric pins and bracket. Excellent clamping force



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID				Stock
LEFT-HAND											
NT-S20R-MSKNL12	25	20	13	200	75°	17°	SN∞1204				⊙
NT-S25R-MSKNL12	32	25	17	200	75°	14°	SN∞1204				⊙
NT-S32S-MSKNL12	40	32	22	250	75°	14°	SN∞1204				⊙
NT-S40T-MSKNL12	50	40	27	300	75°	15°	SN∞1204				⊙
NT-S50U-MSKNL12	63	50	35	350	75°	12°	SN∞1204				⊙
NT-S50U-MSKNL19	63	50	35	350	75°	8°	SN∞1906				⊙
RIGHT-HAND											
NT-S20R-MSKNR12	25	20	13	200	75°	17°	SN∞1204				⊙
NT-S25R-MSKNR12	32	25	17	200	75°	14°	SN∞1204				⊙
NT-S32S-MSKNR12	40	32	22	250	75°	14°	SN∞1204				⊙
NT-S40T-MSKNR12	50	40	27	300	75°	15°	SN∞1204				⊙
NT-S50U-MSKNR12	63	50	35	350	75°	12°	SN∞1204				⊙
NT-S50U-MSKNR19	63	50	35	350	75°	8°	SN∞1906				⊙

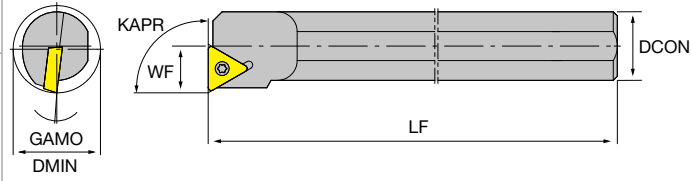
★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Eccentric pin	Clamp	Clamp screw	L wrench	Shim
NT-S20R-MSKN/r12	NT-SP035	NT-CS030	NT-SC030	NT-WR025	-
NT-S25R-MSKN/r12	NT-SP035	NT-CS030	NT-SC030	NT-WR025 / NT-WR030	-
NT-S32S-MSKN/r12	NT-SP010	NT-CS010	NT-SC010	NT-WR030	NT-SH070
NT-S40T-MSKN/r12	NT-SP010	NT-CS010	NT-SC010	NT-WR030	NT-SH070
NT-S50U-MSKN/r12	NT-SP010	NT-CS010	NT-SC010	NT-WR030	NT-SH070
NT-S50U-MSKN/r19	NT-SP050	NT-CS015	NT-SC070	NT-WR030 / NT-WR040	NT-SH090

S STUB

ISO TB - Positive

- Internal turning (KAPR 93°)
- Steel boring bar without internal coolant
- Holds TB style inserts, tightened by screws



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID				Stock
LEFT-HAND											
NT-S08H-STUBL06-10	10	8	4	100	93°	12°	TB∞0601				⊙
RIGHT-HAND											
NT-S08H-STUBR06-10	10	8	4	100	93°	12°	TB∞0601				●

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench
NT-S08H-STUB/∞06-∞	NT-ST20038T06	NT-FT06

HOLDER AND INSERT COUPLING

Holder R → Insert L
 Holder L → Insert R

INDEXABLE

A - TURNING

B - THREADING

C - GROOVING

D - MILLING

E - DRILLING

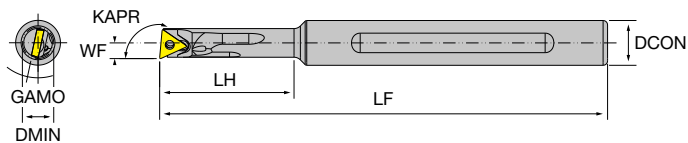
F - ACCESSORIES

G - SPARE PARTS

V STLB

ISO TB - Positive

- Internal turning (KAPR 95°)
- Vortex boring bar (anti-vibration steel) with internal coolant through. Maximum overhang: 5xDCON
- Holds TB style inserts, tightened by screws
- Special chip evacuation path



Right-hand shown



Designation	DMIN	DCON	WF	LF	LH	KAPR	GAMO	MID			Stock
RIGHT-HAND WITH REDUCED NECK											
NT-V10H-STLBR06-07	7	10	3.5	100	30	95°	12°	TB∞0601			●
NT-V10H-STLBR06-08	8	10	4	100	35	95°	12°	TB∞0601			●

★ 1st choice, ☆ suitable, ● stock standard, ○ non-stock standard (no MOQ), ◯ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench
NT-V10H-STLB/∞06-∞∞	NT-ST20038T06	NT-FT06

! HOLDER AND INSERT COUPLING

Holder R → Insert L

Holder L → Insert R

STAC

ISO TC - Positive

- External turning (KAPR 90°)
- Holds TC-style inserts, tightened by screw

Right-hand shown

Designation	H	B	WF	LF	KAPR	MIID					Stock
LEFT-HAND											
NT-STACL0808H09	8	8	8.5	100	90°	TC∞0902					⊙
NT-STACL1010H09	10	10	10.5	100	90°	TC∞0902					⊙
NT-STACL1212H11	12	12	12.5	100	90°	TC∞1102					⊙
NT-STACL1616H11	16	16	16.5	100	90°	TC∞1102					⊙
RIGHT-HAND											
NT-STACR0808H09	8	8	8.5	100	90°	TC∞0902					⊙
NT-STACR1010H09	10	10	10.5	100	90°	TC∞0902					⊙
NT-STACR1212H11	12	12	12.5	100	90°	TC∞1102					⊙
NT-STACR1616H11	16	16	16.5	100	90°	TC∞1102					⊙

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench
NT-STAC*/R0000009	NT-ST22049T07	NT-FT07
NT-STAC*/R0000011	NT-ST25060T07B	NT-FT07

INDEXABLE

A - TURNING

B - THREADING

C - GROOVING

D - MILLING

E - DRILLING

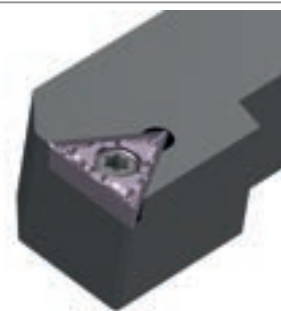
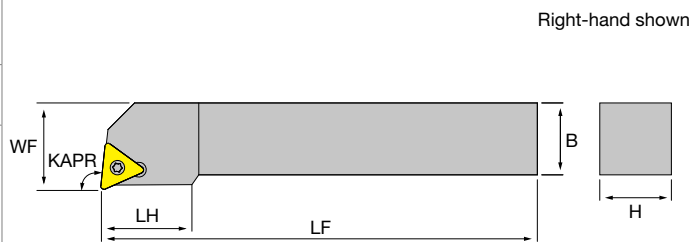
F - ACCESSORIES

G - SPARE PARTS

STFC

ISO TC - Positive

- External turning (KAPR 91°)
- Holds TC-style inserts, tightened by screw



Designation	H	B	WF	LF	LH	KAPR	MIID					Stock
LEFT-HAND												
NT-STFCL0808H09	8	8	10	100	12	91°	TC∞0902					⊙
NT-STFCL1010H09	10	10	12	100	12	91°	TC∞0902					⊙
NT-STFCL1212H11	12	12	16	100	17	91°	TC∞1102					⊙
NT-STFCL1616H11	16	16	20	100	18	91°	TC∞1102					⊙
NT-STFCL2020K16	20	20	25	125	22	91°	TC∞16T3					⊙
NT-STFCL2525M16	25	25	32	150	25	91°	TC∞16T3					⊙
RIGHT-HAND												
NT-STFCR0808H09	8	8	10	100	12	91°	TC∞0902					⊙
NT-STFCR1010H09	10	10	12	100	12	91°	TC∞0902					⊙
NT-STFCR1212H11	12	12	16	100	17	91°	TC∞1102					●
NT-STFCR1616H11	16	16	20	100	18	91°	TC∞1102					⊙
NT-STFCR2020K16	20	20	25	125	22	91°	TC∞16T3					●
NT-STFCR2525M16	25	25	32	150	25	91°	TC∞16T3					●

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench
NT-STFC [▽] /R0000009	NT-ST22049T07	NT-FT07
NT-STFC [▽] /R0000011	NT-ST25060T07B	NT-FT07
NT-STFC [▽] /R0000016	NT-ST40090T15	NT-FT15

STGC

ISO TC - Positive

- External turning (KAPR 91°)
- Holds TC-style inserts, tightened by screw

Right-hand shown

Designation	H	B	WF	LF	LH	KAPR	MIID					Stock
LEFT-HAND												
NT-STGCL1212H11	12	12	16	100	17	91°	TC∞1102					⊙
NT-STGCL1616H11	16	16	20	100	18	91°	TC∞1102					⊙
NT-STGCL2020K16	20	20	25	125	22	91°	TC∞16T3					●
NT-STGCL2525M16	25	25	32	150	25	91°	TC∞16T3					●
RIGHT-HAND												
NT-STGCR1212H11	12	12	16	100	17	91°	TC∞1102					⊙
NT-STGCR1616H11	16	16	20	100	18	91°	TC∞1102					⊙
NT-STGCR2020K16	20	20	25	125	22	91°	TC∞16T3					●
NT-STGCR2525M16	25	25	32	150	25	91°	TC∞16T3					●

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench
NT-STGC [▽] /R0000011	NT-ST25060T07B	NT-FT07
NT-STGC [▽] /R0000016	NT-ST40090T15	NT-FT15

INDEXABLE

A - TURNING

B - THREADING

C - GROOVING

D - MILLING

E - DRILLING

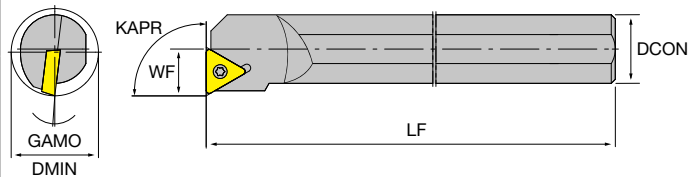
F - ACCESSORIES

G - SPARE PARTS

A STFC

ISO TC - Positive

- Internal turning (KAPR 91°)
- Steel boring bar with internal coolant through
- Holds TC-style inserts, tightened by screws



Right-hand shown



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID					Stock
LEFT-HAND												
NT-A10K-STFCL11	14	10	7	125	91°	12°	TC∞1102					⊙
NT-A12M-STFCL11	14	12	7	150	91°	10°	TC∞1102					⊙
NT-A16Q-STFCL11	18	16	9	180	91°	8°	TC∞1102					●
NT-A20R-STFCL11	25	20	13	200	91°	3°	TC∞1102					⊙
RIGHT-HAND												
NT-A10K-STFCR11	14	10	7	125	91°	12°	TC∞1102					●
NT-A12M-STFCR11	14	12	7	150	91°	10°	TC∞1102					●
NT-A16Q-STFCR11	18	16	9	180	91°	8°	TC∞1102					●
NT-A20R-STFCR11	25	20	13	200	91°	3°	TC∞1102					●

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench
NT-A∞∞-STFC ¹ / _R 11	NT-ST25060T07B	NT-FT07

⚠ HOLDER AND INSERT COUPLING

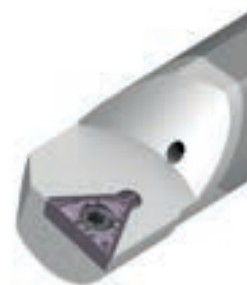
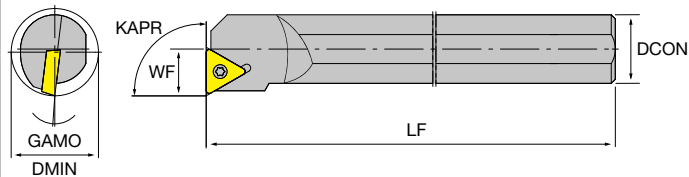
Holder R → Insert L

Holder L → Insert R

E STFC

ISO TC - Positive

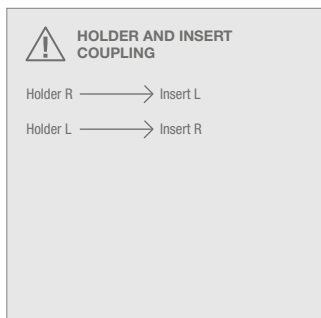
- Internal turning (KAPR 91°)
- Carbide boring bar with internal coolant through. Maximum overhang: 7xDCON
- Holds TC-style inserts, tightened by screws



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID					Stock
LEFT-HAND												
NT-E10K-STFCL11	12	10	6	125	91°	10°	TC∞1102					⊙
NT-E12M-STFCL11	16	12	8	150	91°	10°	TC∞1102					●
NT-E16R-STFCL11	20	16	10	200	91°	12°	TC∞1102					●
NT-E20R-STFCL11	25	20	13	200	91°	12°	TC∞1102					●
RIGHT-HAND												
NT-E10K-STFCR11	12	10	6	125	91°	10°	TC∞1102					●
NT-E12M-STFCR11	16	12	8	150	91°	10°	TC∞1102					●
NT-E16R-STFCR11	20	16	10	200	91°	12°	TC∞1102					●
NT-E20R-STFCR11	25	20	13	200	91°	12°	TC∞1102					●

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

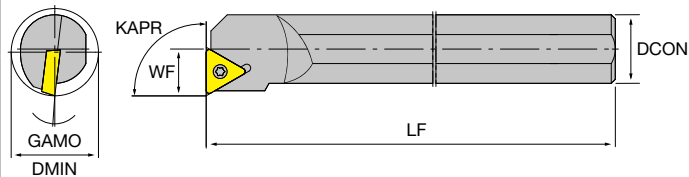
Spare parts	Insert screw	Flag wrench
NT-E∞∞-STFC ^{1/2} 11	NT-ST25060T07B	NT-FT07



S STFC

ISO TC - Positive

- Internal turning (KAPR 91°)
- Steel boring bar without internal coolant
- Holds TC-style inserts, tightened by screws



Right-hand shown



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID				Stock
LEFT-HAND											
NT-S08H-STFCL09	12	8	6	100	91°	15°	TC∞0902				⊙
NT-S10K-STFCL09	14	10	7	125	91°	15°	TC∞0902				⊙
NT-S12M-STFCL09	16	12	9	150	91°	10°	TC∞0902				⊙
NT-S10K-STFCL11	14	10	7	125	91°	12°	TC∞1102				●
NT-S12M-STFCL11	14	12	7	150	91°	10°	TC∞1102				●
NT-S16Q-STFCL11	18	16	9	180	91°	8°	TC∞1102				●
NT-S20R-STFCL11	25	20	13	200	91°	3°	TC∞1102				⊙
NT-S20R-STFCL16	25	20	13	200	91°	8°	TC∞16T3				●
NT-S25R-STFCL16	32	25	17	200	91°	6°	TC∞16T3				●
NT-S32S-STFCL16	39	32	22	250	91°	4°	TC∞16T3				⊙
RIGHT-HAND											
NT-S08H-STFCR09	12	8	6	100	91°	15°	TC∞0902				●
NT-S10K-STFCR09	14	10	7	125	91°	15°	TC∞0902				●
NT-S12M-STFCR09	16	12	9	150	91°	10°	TC∞0902				●
NT-S10K-STFCR11	14	10	7	125	91°	12°	TC∞1102				●
NT-S12M-STFCR11	14	12	7	150	91°	10°	TC∞1102				●
NT-S16Q-STFCR11	18	16	9	180	91°	8°	TC∞1102				●
NT-S20R-STFCR11	25	20	13	200	91°	3°	TC∞1102				●
NT-S20R-STFCR16	25	20	13	200	91°	8°	TC∞16T3				●
NT-S25R-STFCR16	32	25	17	200	91°	6°	TC∞16T3				●
NT-S32S-STFCR16	39	32	22	250	91°	4°	TC∞16T3				●

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench
NT-S∞-STFC ^h /r09	NT-ST22049T07	NT-FT07
NT-S∞-STFC ^h /r11	NT-ST25060T07B	NT-FT07
NT-S∞-STFC ^h /r16	NT-ST40090T15	NT-FT15

⚠ HOLDER AND INSERT COUPLING

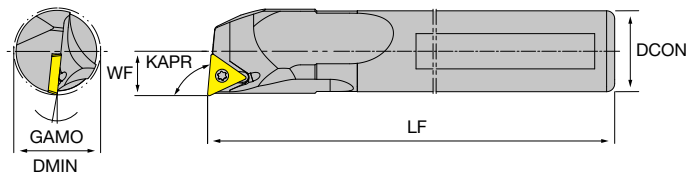
Holder R → Insert L

Holder L → Insert R

V STLC

ISO TC - Positive

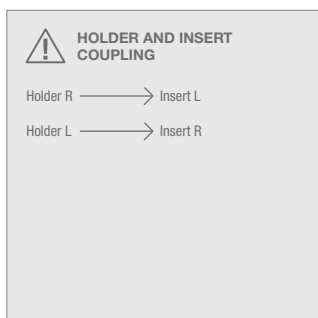
- Internal turning (KAPR 95°)
- Vortex boring bar (anti-vibration steel) with internal coolant through. Maximum overhang: 5xDCON
- Holds TC-style inserts, tightened by screws
- Special chip evacuation path



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID				Stock
LEFT-HAND											
NT-V08H-STLCL09-10	10	8	5	100	95°	14°	TC∞0902				⊙
NT-V10K-STLCL09-12	12	10	6	125	95°	12°	TC∞0902				⊙
NT-V12M-STLCL09-14	14	12	7	150	95°	10°	TC∞0902				⊙
NT-V10K-STLCL11-12	12	10	6	125	95°	12°	TC∞1102				●
NT-V12M-STLCL11-14	14	12	7	150	95°	10°	TC∞1102				●
NT-V16Q-STLCL11-18	18	16	9	180	95°	8°	TC∞1102				●
NT-V20R-STLCL11-22	22	20	11	200	95°	6°	TC∞1102				●
NT-V20R-STLCL16-25	25	20	12.5	200	95°	8°	TC∞16T3				●
NT-V25S-STLCL16-32	32	25	16	250	95°	6°	TC∞16T3				●
RIGHT-HAND											
NT-V08H-STLCR09-10	10	8	5	100	95°	14°	TC∞0902				⊙
NT-V10K-STLCR09-12	12	10	6	125	95°	12°	TC∞0902				●
NT-V12M-STLCR09-14	14	12	7	150	95°	10°	TC∞0902				⊙
NT-V10K-STLCR11-12	12	10	6	125	95°	12°	TC∞1102				●
NT-V12M-STLCR11-14	14	12	7	150	95°	10°	TC∞1102				●
NT-V16Q-STLCR11-18	18	16	9	180	95°	8°	TC∞1102				●
NT-V20R-STLCR11-22	22	20	11	200	95°	6°	TC∞1102				●
NT-V20R-STLCR16-25	25	20	12.5	200	95°	8°	TC∞16T3				●
NT-V25S-STLCR16-32	32	25	16	250	95°	6°	TC∞16T3				●

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

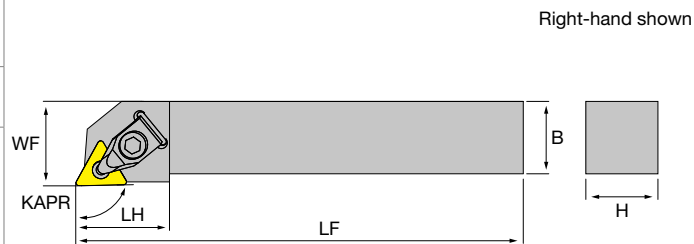
Spare parts	Insert screw	Flag wrench
NT-V∞-STLC ^h / _h 09-∞	NT-ST22049T07	NT-FT07
NT-V∞-STLC ^h / _h 11-∞	NT-ST25060T07B	NT-FT07
NT-V∞-STLC ^h / _h 16-∞	NT-ST40090T15	NT-FT15



DTGN

ISO TN - Negative

- External turning (KAPR 91°)
- Holds TN-style inserts
- Double pushing and pulling action with a single movement
- Quick and safe tightening



Designation	H	B	WF	LF	LH	KAPR	MIID				Stock
LEFT-HAND											
NT-DTGNL2020K16X	20	20	25	125	33	91°	TN∞1604				●
NT-DTGNL2525M16X	25	25	32	150	33	91°	TN∞1604				●
RIGHT-HAND											
NT-DTGNR2020K16X	20	20	25	125	33	91°	TN∞1604				●
NT-DTGNR2525M16X	25	25	32	150	33	91°	TN∞1604				●

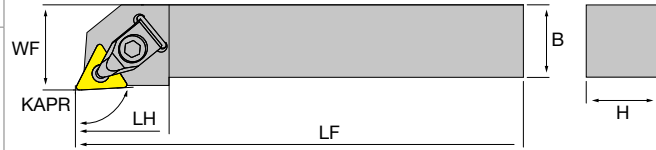
★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Shim	Shim screw	Clamp	Spring	Clamp screw	L wrench
NT-DTGN ⁺ /R0000016X	NT-SH006	NT-ST250	NT-CS250	NT-SG250	NT-SC250	NT-TX15

DTJN

ISO TN - Negative

- External turning (KAPR 93°)
- Holds TN-style inserts
- Double pushing and pulling action with a single movement
- Quick and safe tightening



Designation	H	B	WF	LF	LH	KAPR	MIID				Stock
LEFT-HAND											
NT-DTJNL2020K16X	20	20	25	125	33	93°	TN∞1604				●
NT-DTJNL2525M16X	25	25	32	150	33	93°	TN∞1604				●
RIGHT-HAND											
NT-DTJNR2020K16X	20	20	25	125	33	93°	TN∞1604				●
NT-DTJNR2525M16X	25	25	32	150	33	93°	TN∞1604				●

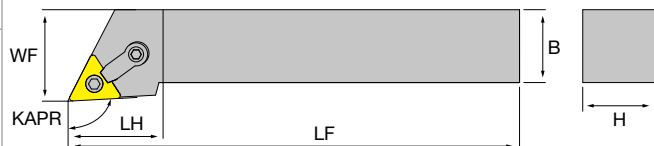
★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Shim	Shim screw	Clamp	Spring	Clamp screw	L wrench
NT-DTJN ¹ / _{R00000} 16X	NT-SH006	NT-ST250	NT-CS250	NT-SG250	NT-SC250	NT-TX15

MTJN

ISO TN - Negative

- External turning (KAPR 93°)
- Holds TN-style inserts
- Double locking with Eccentric pins and bracket. Excellent clamping force



Right-hand shown



Designation	H	B	WF	LF	LH	KAPR	MIID					Stock
LEFT-HAND												
NT-MTJNL2020K16	20	20	25	125	33	93°	TN∞-1604					●
NT-MTJNL2525M16	25	25	32	150	35	93°	TN∞-1604					●
NT-MTJNL3232P16	32	32	40	170	43	93°	TN∞-1604					●
NT-MTJNL2525M22	25	25	32	150	43	93°	TN∞-2204					⊙
NT-MTJNL3225P22	32	25	32	170	43	93°	TN∞-2204					⊙
RIGHT-HAND												
NT-MTJNR2020K16	20	20	25	125	33	93°	TN∞-1604					●
NT-MTJNR2525M16	25	25	32	150	35	93°	TN∞-1604					●
NT-MTJNR3232P16	32	32	40	170	43	93°	TN∞-1604					●
NT-MTJNR2525M22	25	25	32	150	43	93°	TN∞-2204					●
NT-MTJNR3225P22	32	25	32	170	43	93°	TN∞-2204					●

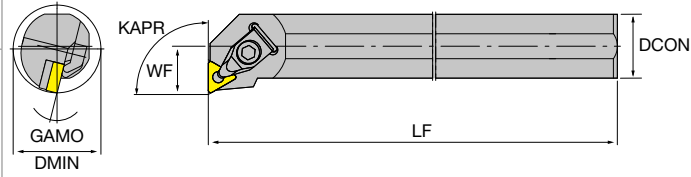
★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Shim	Eccentric pin	L wrench	Clamp	Clamp screw
NT-MTJN/∅2020K16	NT-SH005	NT-SP020	NT-WR020 / NT-WR030	NT-CS010	NT-SC008
NT-MTJN/∅2525M16	NT-SH005	NT-SP020	NT-WR020 / NT-WR030	NT-CS010	NT-SC008
NT-MTJN/∅3232P16	NT-SH005	NT-SP020	NT-WR020 / NT-WR030	NT-CS010	NT-SC008
NT-MTJN/∅2525M22	NT-SH008	NT-SP010	NT-WR030 / NT-WR040	NT-CS070	NT-SC070
NT-MTJN/∅3225P22	NT-SH008	NT-SP010	NT-WR030 / NT-WR040	NT-CS070	NT-SC070

A DTFN

ISO TN - Negative

- Internal turning (KAPR 91°)
- Steel boring bar with internal coolant through
- Holds TN-style inserts
- Double pushing and pulling action with a single movement. Quick and safe tightening



Right-hand shown



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID				Stock
LEFT-HAND											
NT-A25R-DTFNL16	32	25	17	200	91°	13°	TN∞1604				●
NT-A32S-DTFNL16	40	32	22	250	91°	13°	TN∞1604				●
RIGHT-HAND											
NT-A25R-DTFNR16	32	25	17	200	91°	13°	TN∞1604				●
NT-A32S-DTFNR16	40	32	22	250	91°	13°	TN∞1604				●

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Shim	Shim screw	Clamp	Spring	Clamp screw	L wrench
NT-A∞∞-DTFN-16	NT-SH006	NT-ST250	NT-CS250	NT-SG250	NT-SC250	NT-TX15

! HOLDER AND INSERT COUPLING

Holder R → Insert L

Holder L → Insert R

INDEXABLE

A - TURNING

B - THREADING

C - GROOVING

D - MILLING

E - DRILLING

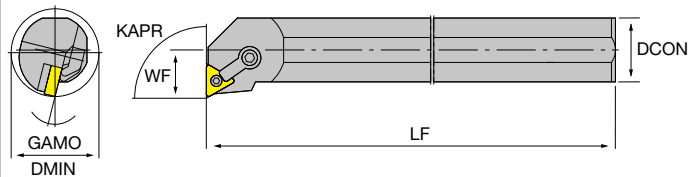
F - ACCESSORIES

G - SPARE PARTS

S MTUN

ISO TN - Negative

- Internal turning (KAPR 93°)
- Steel boring bar without internal coolant
- Holds TN-style inserts
- Double locking with Eccentric pins and bracket. Excellent clamping force



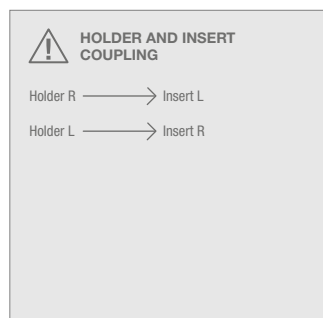
Right-hand shown



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID				Stock
LEFT-HAND											
NT-S20R-MTUNL16	25	20	13	200	93°	17°	TN∞1604				●
NT-S25R-MTUNL16	32	25	17	200	93°	12°	TN∞1604				●
NT-S32S-MTUNL16	40	32	22	250	93°	10°	TN∞1604				●
NT-S40T-MTUNL16	50	40	27	300	93°	10°	TN∞1604				●
NT-S50U-MTUNL16	63	50	35	350	93°	8°	TN∞1604				●
NT-S40T-MTUNL22	50	40	27	300	93°	15°	TN∞2204				⊙
NT-S50U-MTUNL22	63	50	35	350	93°	12°	TN∞2204				⊙
RIGHT-HAND											
NT-S20R-MTUNR16	25	20	13	200	93°	17°	TN∞1604				●
NT-S25R-MTUNR16	32	25	17	200	93°	12°	TN∞1604				●
NT-S32S-MTUNR16	40	32	22	250	93°	10°	TN∞1604				●
NT-S40T-MTUNR16	50	40	27	300	93°	10°	TN∞1604				●
NT-S50U-MTUNR16	63	50	35	350	93°	8°	TN∞1604				●
NT-S40T-MTUNR22	50	40	27	300	93°	15°	TN∞2204				⊙
NT-S50U-MTUNR22	63	50	35	350	93°	12°	TN∞2204				⊙

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

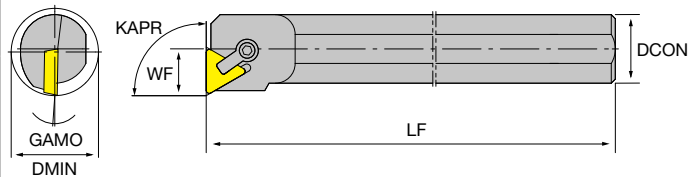
Spare parts	Eccentric pin	L wrench	Clamp	Clamp screw	Shim
NT-S20R-MTUN _r 16	NT-SP030	NT-WR020 / NT-WR025	NT-CS030	NT-SC030	-
NT-S25R-MTUN _r 16	NT-SP030	NT-WR020 / NT-WR030	NT-CS010	NT-SC008	-
NT-S32S-MTUN _r 16	NT-SP020	NT-WR020 / NT-WR030	NT-CS010	NT-SC010	NT-SH005
NT-S40T-MTUN _r 16	NT-SP020	NT-WR020 / NT-WR030	NT-CS010	NT-SC010	NT-SH005
NT-S50U-MTUN _r 16	NT-SP020	NT-WR020 / NT-WR030	NT-CS010	NT-SC010	NT-SH005
NT-S40T-MTUN _r 22	NT-SP010	NT-WR030 / NT-WR040	NT-CS070	NT-SC070	NT-SH008
NT-S50U-MTUN _r 22	NT-SP010	NT-WR030 / NT-WR040	NT-CS070	NT-SC070	NT-SH008



S CTUP

ISO TP - Positive

- Internal turning (KAPR 93°)
- Steel boring bar without internal coolant
- Holds TP style inserts, tightened by screws



Right-hand shown



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID				Stock
LEFT-HAND											
NT-S12M-CTUPL11	16	12	9	150	93°	6°	TP∞1103				●
NT-S16Q-CTUPL11	20	16	11	180	93°	3°	TP∞1103				●
NT-S20R-CTUPL11	25	20	13	200	93°	3°	TP∞1103				●
NT-S25R-CTUPL16	32	25	17	200	93°	3°	TP∞1603				●
NT-S32S-CTUPL16	40	32	22	250	93°	3°	TP∞1603				●
RIGHT-HAND											
NT-S12M-CTUPR11	16	12	9	150	93°	6°	TP∞1103				●
NT-S16Q-CTUPR11	20	16	11	180	93°	3°	TP∞1103				●
NT-S20R-CTUPR11	25	20	13	200	93°	3°	TP∞1103				●
NT-S25R-CTUPR16	32	25	17	200	93°	3°	TP∞1603				●
NT-S32S-CTUPR16	40	32	22	250	93°	3°	TP∞1603				●

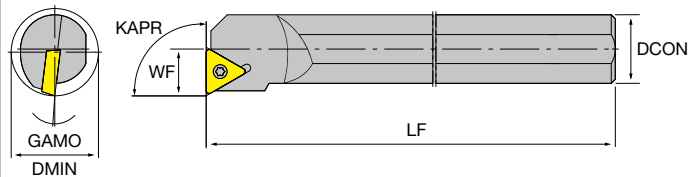
★ 1st choice, ☆ suitable, ● stock standard, ● non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Clamping set	L wrench	Clamp	Clamp screw	Shim	Shim screw	Flag wrench
NT-S12M-CTUP $\frac{1}{2}$ 11	NT-CS003	NT-WR025	-	-	-	-	-
NT-S16Q-CTUP $\frac{1}{2}$ 11	-	NT-WR025	NT-CS005	NT-SC005	-	-	-
NT-S20R-CTUP $\frac{1}{2}$ 11	-	NT-WR025	NT-CS005	NT-SC005	-	-	-
NT-S25R-CTUP $\frac{1}{2}$ 16	-	NT-WR030	NT-CS010	NT-SC008	NT-SH002	NT-ST022	NT-FT06
NT-S32S-CTUP $\frac{1}{2}$ 16	-	NT-WR030	NT-CS010	NT-SC008	NT-SH002	NT-ST022	NT-FT06

S STUP

ISO TP - Positive

- Internal turning (KAPR 93°)
- Steel boring bar without internal coolant
- Holds TP style inserts, tightened by screws



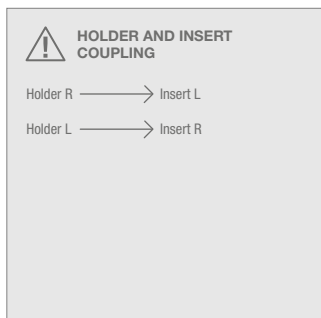
Right-hand shown



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID				Stock
LEFT-HAND											
NT-S10K-STUPL09	12	10	6	125	93°	8°	TP∞0902				⊙
NT-S12M-STUPL09	14	12	7	150	93°	5°	TP∞0902				⊙
NT-S10K-STUPL11	12	10	6	125	93°	8°	TP∞1103				⊙
NT-S12M-STUPL11	14	12	7	150	93°	7°	TP∞1103				⊙
NT-S16Q-STUPL11	18	16	9	180	93°	4°	TP∞1103				⊙
RIGHT-HAND											
NT-S10K-STUPR09	12	10	6	125	93°	8°	TP∞0902				●
NT-S12M-STUPR09	14	12	7	150	93°	5°	TP∞0902				●
NT-S10K-STUPR11	12	10	6	125	93°	8°	TP∞1103				●
NT-S12M-STUPR11	14	12	7	150	93°	7°	TP∞1103				●
NT-S16Q-STUPR11	18	16	9	180	93°	4°	TP∞1103				●
NT-S20R-STUPR11	22	20	11	200	93°	2°	TP∞1103				●

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

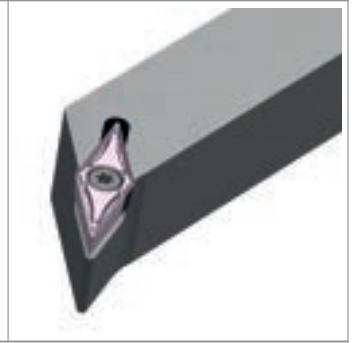
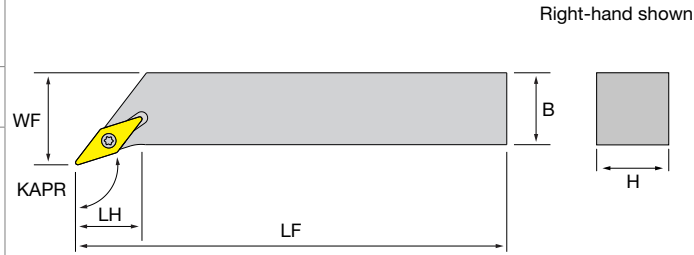
Spare parts	Insert screw	Flag wrench
NT-S10K-STUP ^{1/8} 09	NT-ST30058T10	NT-FT10
NT-S12M-STUP ^{1/8} 09	NT-ST30058T10	NT-FT10
NT-S10K-STUP ^{1/8} 11	NT-ST30058T10	NT-FT10
NT-S12M-STUP ^{1/8} 11	NT-ST30058T10	NT-FT10
NT-S16Q-STUP ^{1/8} 11	NT-ST30058T10	NT-FT10
NT-S20R-STUP ^{1/8} 11	NT-ST30058T10	NT-FT10



SVHB

ISO VB - Positive

- External turning (KAPR 107.5°)
- Holds VB/VC-style inserts, tightened by screw



Designation	H	B	WF	LF	LH	LPR	KAPR	MID			Stock
LEFT-HAND											
NT-SVHBL2525M16	25	25	32	150	23	-	107.5°	VB∞1604			☉
RIGHT-HAND											
NT-SVHBR2525M16	25	25	32	150	23	-	107.5°	VB∞1604			☉

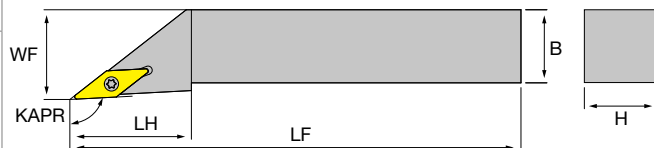
★ 1st choice, ☆ suitable, ● stock standard, ☉ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Shim	Shim screw	L wrench	Insert screw	Flag wrench
NT-SVHB ^{1/2} 2525M16	NT-SH050	NT-SR010	NT-WR035	NT-ST35115T15	NT-FT15

SVJB

ISO VB - Positive

- External turning (KAPR 93°)
- Holds VB/VC-style inserts, tightened by screw



Right-hand shown



Designation	H	B	WF	LF	LH	KAPR	MIID					Stock
LEFT-HAND												
NT-SVJBL2020K11	20	20	25	125	22	93°	VB∞1103					●
NT-SVJBL2020K16	20	20	25	125	33	93°	VB∞1604					●
NT-SVJBL2525M16	25	25	32	150	38	93°	VB∞1604					●
NT-SVJBL3232P16	-	-	-	-	-	-	VB∞1604					⊙
RIGHT-HAND												
NT-SVJBR2020K11	20	20	25	125	22	93°	VB∞1103					●
NT-SVJBR2020K16	20	20	25	125	33	93°	VB∞1604					●
NT-SVJBR2525M16	25	25	32	150	38	93°	VB∞1604					●
NT-SVJBR3232P16	-	-	-	-	-	-	VB∞1604					⊙

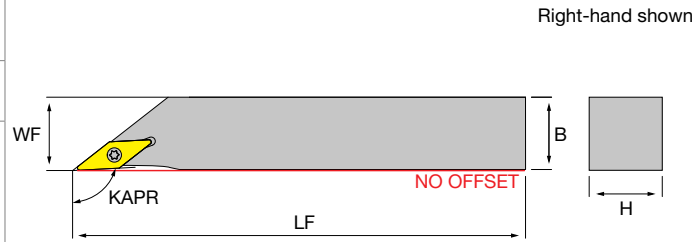
★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench	Shim	Shim screw	L wrench
NT-SVJB ¹ / _{R00000} 11	NT-ST25060T07B	NT-FT07	-	-	-
NT-SVJB ¹ / _{R00000} 16	NT-ST35115T15	NT-FT15	NT-SH050	NT-SR010	NT-WR035

SVJB N

ISO VB - Positive

- External turning (KAPR 93°)
- Holds VB/VC-style inserts, tightened by screw
- Suitable for lathes without offset



Designation	H	B	WF	LF	KAPR	MIID						Stock
LEFT-HAND												
NT-SVJBL1212K11N	12	12	12	125	93°	VB∞1103						●
NT-SVJBL1616K11N	16	16	16	125	93°	VB∞1103						●
NT-SVJBL1616H16N	16	16	16	100	93°	VB∞1604						●
RIGHT-HAND												
NT-SVJBR1212K11N	12	12	12	125	93°	VB∞1103						●
NT-SVJBR1616K11N	16	16	16	125	93°	VB∞1103						●
NT-SVJBR1616H16N	16	16	16	100	93°	VB∞1604						●

★ 1st choice, ☆ suitable, ● stock standard, ◎ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench	Shim	Shim screw	L wrench
NT-SVJB ^{1/2} /R0000011N	NT-ST25060T07B	NT-FT07	-	-	-
NT-SVJB ^{1/2} /R0000016N	NT-ST35115T15	NT-FT15	NT-SH050	NT-SR010	NT-WR035

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A - TURNING

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D - MILLING

E - DRILLING

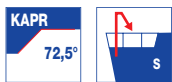
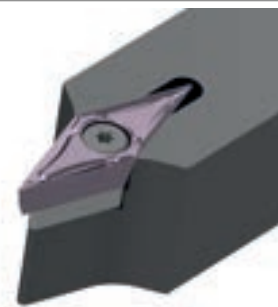
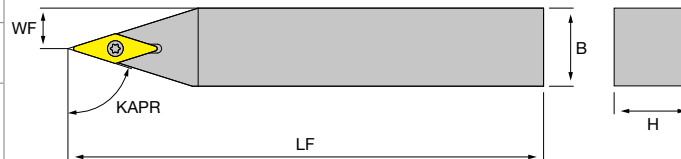
F - ACCESSORIES

G - SPARE PARTS

SVVB

ISO VB - Positive

- External turning (KAPR 72.5°), Neutral position
- Holds VB/VC-style inserts, tightened by screw



Designation	H	B	WF	LF	KAPR	MIID						Stock
NEUTRAL HOLDERS												
NT-SVVB2020K11	20	20	10	125	72.5°	VB∞1103						●
NT-SVVB2525M11	25	25	12.5	150	72.5°	VB∞1103						●
NT-SVVB2020K16	20	20	10	125	72.5°	VB∞1604						●
NT-SVVB2525M16	25	25	12.5	150	72.5°	VB∞1604						●

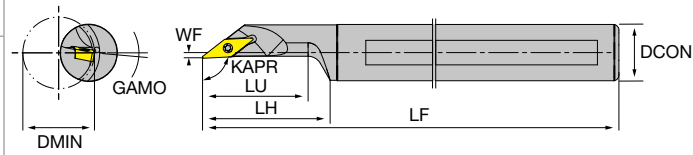
★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench	Shim	Shim screw	L wrench
NT-SVVB∞∞∞∞11	NT-ST25060T07B	NT-FT07	-	-	-
NT-SVVB∞∞∞∞16	NT-ST35115T15	NT-FT15	NT-SH050	NT-SR010	NT-WR035

V SVJB

ISO VB - Positive

- Internal turning (KAPR 93°)
- Vortex boring bar (anti-vibration steel) with internal coolant through. Maximum overhang: 5xDCON
- Holds VB/VC-style inserts, tightened by screws
- Special chip evacuation path



Designation	DMIN	DCON	WF	LF	LH	KAPR	GAMO	MID	Stock
LEFT-HAND WITH REDUCED NECK									
NT-V20R-SVJBL11-25	25	20	2	200	48	93°	5°	VB∞1103	●
NT-V25S-SVJBL11-30	30	25	3.5	250	58	93°	5°	VB∞1103	●
RIGHT-HAND WITH REDUCED NECK									
NT-V20R-SVJBR11-25	25	20	2	200	48	93°	5°	VB∞1103	●
NT-V25S-SVJBR11-30	30	25	3.5	250	58	93°	5°	VB∞1103	●

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench
NT-V∞∞-SVJB ¹ / _R 11-∞∞	NT-ST25060T07B	NT-FT07

! HOLDER AND INSERT COUPLING

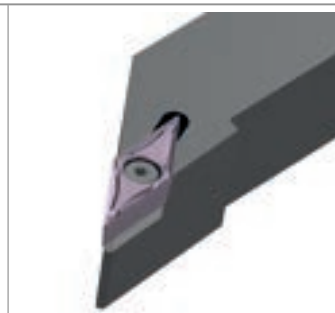
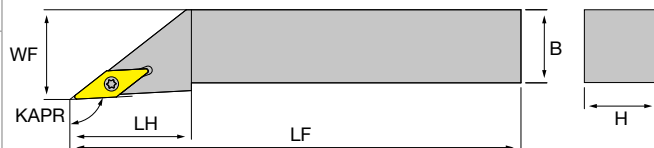
Holder R → Insert L

Holder L → Insert R

SVJC

ISO VC - Positive

- External turning (KAPR 93°)
- Holds VC/VB-style inserts, tightened by screw



Designation	H	B	WF	LF	LH	KAPR	MIID					Stock
LEFT-HAND												
NT-SVJCL2020K11	20	20	25	125	22	93°	VC∞1103					●
NT-SVJCL2020K16	20	20	25	125	33	93°	VC∞1604					●
NT-SVJCL2525M16	25	25	32	150	38	93°	VC∞1604					●
RIGHT-HAND												
NT-SVJCR2020K11	20	20	25	125	22	93°	VC∞1103					●
NT-SVJCR2020K16	20	20	25	125	33	93°	VC∞1604					●
NT-SVJCR2525M16	25	25	32	150	38	93°	VC∞1604					●

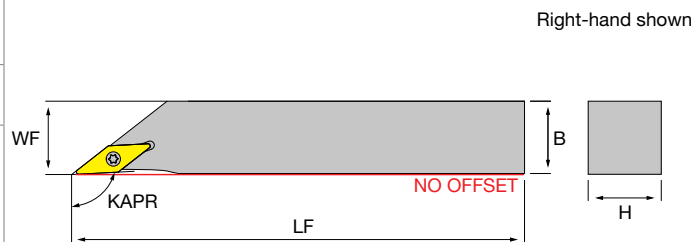
★ 1st choice, ☆ suitable, ● stock standard, ◎ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench	Shim	Shim screw	L wrench
NT-SVJC- \forall -R0000011	NT-ST25060T07B	NT-FT07	-	-	-
NT-SVJC- \forall -R0000016	NT-ST35115T15	NT-FT15	NT-SH050	NT-SR010	NT-WR035

SVJC N

ISO VC - Positive

- External turning (KAPR 93°)
- Holds VC/VB-style inserts, tightened by screw
- Suitable for lathes without offset



Designation	H	B	WF	LF	KAPR	MIID						Stock
LEFT-HAND												
NT-SVJCL1010K11N	10	10	10	125	93°	VC∞1103						⊙
NT-SVJCL1212K11N	12	12	12	125	93°	VC∞1103						●
NT-SVJCL1616K11N	16	16	16	125	93°	VC∞1103						●
NT-SVJCL1616H16N	16	16	16	100	93°	VC∞1604						●
RIGHT-HAND												
NT-SVJCR1010K11N	10	10	10	125	93°	VC∞1103						⊙
NT-SVJCR1212K11N	12	12	12	125	93°	VC∞1103						●
NT-SVJCR1616K11N	16	16	16	125	93°	VC∞1103						●
NT-SVJCR1616H16N	16	16	16	100	93°	VC∞1604						●

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench	Shim	Shim screw	L wrench
NT-SVJC/ROOOO11N	NT-ST25060T07B	NT-FT07	-	-	-
NT-SVJC/ROOOO16N	NT-ST35115T15	NT-FT15	NT-SH050	NT-SR010	NT-WR035

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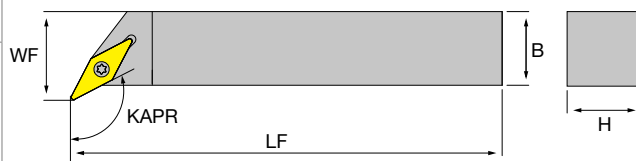
F - ACCESSORIES

G - SPARE PARTS

SVPC

ISO VC - Positive

- External turning (KAPR 117.5°)
- Holds VC/VB-style inserts, tightened by screw



Right-hand shown



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A - TURNING

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E - DRILLING

F - ACCESSORIES

G - SPARE PARTS

Designation	H	B	WF	LF	KAPR	MIID						Stock
LEFT-HAND												
NT-SVPCL1010H11	10	10	14.5	100	117.5°	VC∞1103						⊙
NT-SVPCL1212H11	12	12	16.5	100	117.5°	VC∞1103						●
NT-SVPCL1616H11	16	16	20.5	100	117.5°	VC∞1103						●
NT-SVPCL2020K16	20	20	25	125	117.5°	VC∞1604						●
NT-SVPCL2525M16	25	25	32	150	117.5°	VC∞1604						●
RIGHT-HAND												
NT-SVPCR1010H11	10	10	14.5	100	117.5°	VC∞1103						⊙
NT-SVPCR1212H11	12	12	16.5	100	117.5°	VC∞1103						●
NT-SVPCR1616H11	16	16	20.5	100	117.5°	VC∞1103						●
NT-SVPCR2020K16	20	20	25	125	117.5°	VC∞1604						●
NT-SVPCR2525M16	25	25	32	150	117.5°	VC∞1604						●

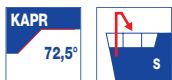
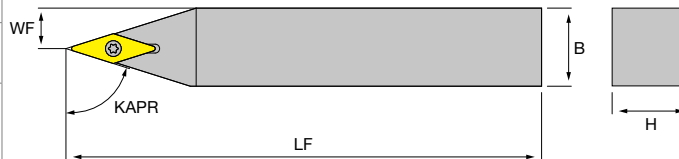
★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench	Shim	Shim screw	L wrench
NT-SVPC/RO000011	NT-ST25060T07B	NT-FT07	-	-	-
NT-SVPC/RO000016	NT-ST35115T15	NT-FT15	NT-SH050	NT-SR010	NT-WR035

SVVC

ISO VC - Positive

- External turning (KAPR 72.5°), Neutral position
- Holds VC/VB-style inserts, tightened by screw



Designation	H	B	WF	LF	KAPR	MIID						Stock
NEUTRAL HOLDERS												
NT-SVVCN1010H11	10	10	5	100	72.5°	VC∞1103						⊙
NT-SVVCN1212H11	12	12	6	100	72.5°	VC∞1103						●
NT-SVVCN1616H11	16	16	8	100	72.5°	VC∞1103						●
NT-SVVCN2020K16	20	20	10	125	72.5°	VC∞1604						●
NT-SVVCN2525M16	25	25	12.5	150	72.5°	VC∞1604						●

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench	Shim	Shim screw	L wrench
NT-SVVCN∞∞∞∞11	NT-ST25060T07B	NT-FT07	-	-	-
NT-SVVCN∞∞∞∞16	NT-ST35115T15	NT-FT15	NT-SH050	NT-SR010	NT-WR035

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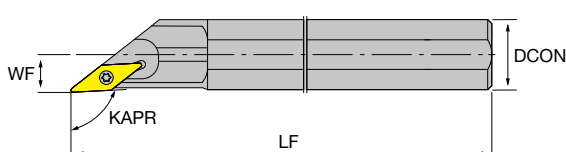
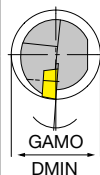
F - ACCESSORIES

G - SPARE PARTS

S SVJC

ISO VC - Positive

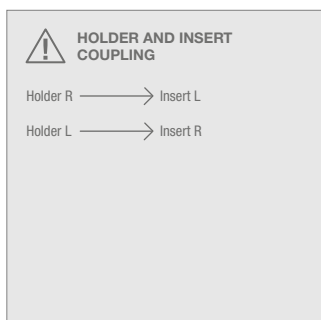
- Internal turning (KAPR 93°)
- Steel boring bar without internal coolant
- Holds VC/VB style inserts, tightened by screws



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID				Stock
LEFT-HAND											
NT-S12M-SVJCL11	14	12	7	150	93°	7°	VC∞1103				⊙
NT-S16Q-SVJCL11	18	16	9	180	93°	7°	VC∞1103				●
NT-S16Q-SVJCL16	18	16	9	180	93°	7°	VC∞1604				●
NT-S20R-SVJCL16	21	20	10.5	200	93°	6°	VC∞1604				●
NT-S25R-SVJCL16	27	25	13.5	200	93°	6°	VC∞1604				⊙
NT-S32S-SVJCL16	34	32	17	250	93°	4°	VC∞1604				●
NT-S40T-SVJCL16	44	40	22	300	93°	4°	VC∞1604				⊙
RIGHT-HAND											
NT-S12M-SVJCR11	14	12	7	150	93°	7°	VC∞1103				●
NT-S16Q-SVJCR11	18	16	9	180	93°	7°	VC∞1103				●
NT-S16Q-SVJCR16	18	16	9	180	93°	7°	VC∞1604				●
NT-S20R-SVJCR16	21	20	10.5	200	93°	6°	VC∞1604				●
NT-S25R-SVJCR16	27	25	13.5	200	93°	6°	VC∞1604				●
NT-S32S-SVJCR16	34	32	17	250	93°	4°	VC∞1604				●
NT-S40T-SVJCR16	44	40	22	300	93°	4°	VC∞1604				⊙

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

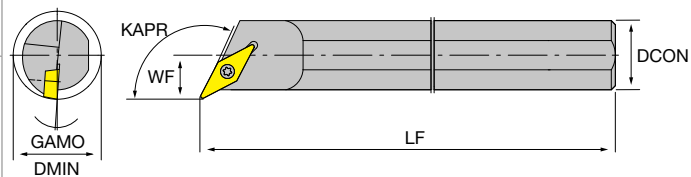
Spare parts	Insert screw	Flag wrench
NT-S∞-SVJC/11	NT-ST25060T07B	NT-FT07
NT-S∞-SVJC/16	NT-ST35089T15	NT-FT15



S SVQC

ISO VC - Positive

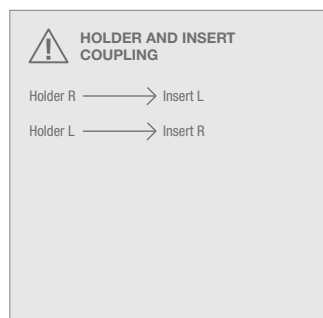
- Internal turning (KAPR 107.5°)
- Steel boring bar without internal coolant
- Holds VC/VB style inserts, tightened by screws



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID				Stock
LEFT-HAND											
NT-S16Q-SVQCL11	22	16	13	180	107.5°	7°	VC∞1103				●
NT-S20R-SVQCL11	27	20	15	200	107.5°	6°	VC∞1103				⊙
NT-S20R-SVQCL16	30	20	19	200	107.5°	8°	VC∞1604				⊙
NT-S25R-SVQCL16	34	25	20.5	200	107.5°	4°	VC∞1604				●
NT-S32S-SVQCL16	41	32	22.5	250	107.5°	8°	VC∞1604				●
NT-S40T-SVQCL16	50	40	27	300	107.5°	6°	VC∞1604				⊙
RIGHT-HAND											
NT-S16Q-SVQCR11	22	16	13	180	107.5°	7°	VC∞1103				●
NT-S20R-SVQCR11	27	20	15	200	107.5°	6°	VC∞1103				⊙
NT-S20R-SVQCR16	30	20	19	200	107.5°	8°	VC∞1604				●
NT-S25R-SVQCR16	34	25	20.5	200	107.5°	4°	VC∞1604				●
NT-S32S-SVQCR16	41	32	22.5	250	107.5°	8°	VC∞1604				⊙
NT-S40T-SVQCR16	50	40	27	300	107.5°	6°	VC∞1604				⊙

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

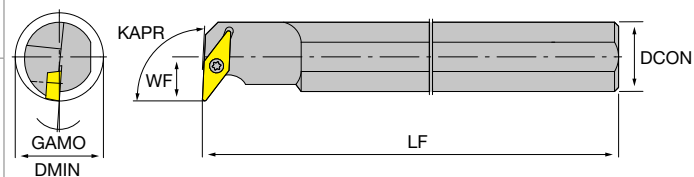
Spare parts	Insert screw	Flag wrench
NT-S∞∞-SVQC*/h11	NT-ST25060T07B	NT-FT07
NT-S∞∞-SVQC*/h16	NT-ST35089T15	NT-FT15



S SVUC

ISO VC - Positive

- Internal turning (KAPR 93°)
- Steel boring bar without internal coolant
- Holds VC/VB style inserts, tightened by screws



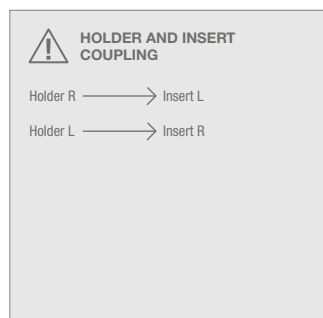
Right-hand shown



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID				Stock
LEFT-HAND											
NT-S16Q-SVUCL11	22	16	13	180	93°	7°	VC∞1103				●
NT-S20R-SVUCL11	27	20	15	200	93°	6°	VC∞1103				●
NT-S20R-SVUCL16	31	20	19	200	93°	8°	VC∞1604				●
NT-S25R-SVUCL16	33	25	20.5	200	93°	7°	VC∞1604				◎
NT-S32S-SVUCL16	42	32	22.5	250	93°	5°	VC∞1604				●
NT-S40T-SVUCL16	51	40	27	300	93°	4°	VC∞1604				◎
RIGHT-HAND											
NT-S16Q-SVUCR11	22	16	13	180	93°	7°	VC∞1103				●
NT-S20R-SVUCR11	27	20	15	200	93°	6°	VC∞1103				●
NT-S20R-SVUCR16	31	20	19	200	93°	8°	VC∞1604				●
NT-S25R-SVUCR16	33	25	20.5	200	93°	7°	VC∞1604				●
NT-S32S-SVUCR16	42	32	22.5	250	93°	5°	VC∞1604				●
NT-S40T-SVUCR16	51	40	27	300	93°	4°	VC∞1604				◎

★ 1st choice, ☆ suitable, ● stock standard, ◎ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

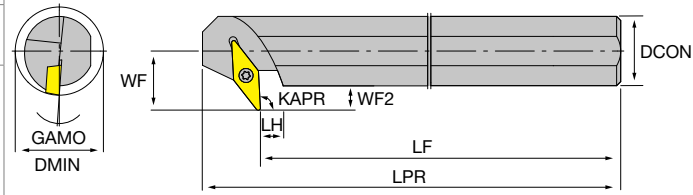
Spare parts	Insert screw	Flag wrench
NT-S∞∞-SVUC'/h11	NT-ST25060T07B	NT-FT07
NT-S∞∞-SVUC'/h16	NT-ST35089T15	NT-FT15



S SVZC

ISO VC - Positive

- Internal back turning (KAPR 93°)
- Steel boring bar without internal coolant
- Holds VC/VB style inserts, tightened by screws



Designation	DMIN	DCON	WF	WF2	LF	LPR	KAPR	GAMO	MIID		Stock
LEFT-HAND											
NT-S20R-SVZCL16	30	20	17	7	183	217	93°	7.5°	VC∞1604		⊙
NT-S25R-SVZCL16	35	25	19.5	7	180	220	93°	7.5°	VC∞1604		⊙
NT-S32S-SVZCL16	40	32	23	7	230	270	93°	7.5°	VC∞1604		⊙
RIGHT-HAND											
NT-S20R-SVZCR16	30	20	17	7	183	217	93°	7.5°	VC∞1604		●
NT-S25R-SVZCR16	35	25	19.5	7	180	220	93°	7.5°	VC∞1604		●
NT-S32S-SVZCR16	40	32	23	7	230	270	93°	7.5°	VC∞1604		●

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench
NT-S∞∞-SVZC/h16	NT-ST35089T15	NT-FT15

! HOLDER AND INSERT COUPLING

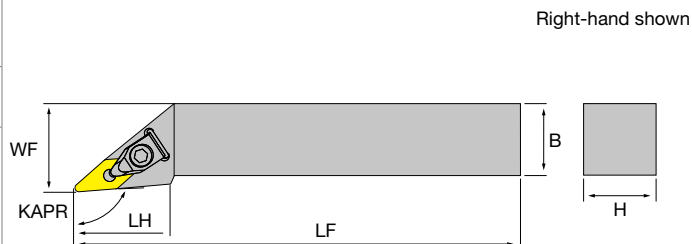
Holder R → Insert R

Holder L → Insert L

DVJN

ISO VN - Negative

- External turning (KAPR 93°)
- Holds VN-style inserts
- Double pushing and pulling action with a single movement
- Quick and safe tightening



Designation	H	B	WF	LF	LH	KAPR	MIID				Stock
LEFT-HAND											
NT-DVJNL2020K16X	20	20	25	125	50	93°	VN-∞1604				●
NT-DVJNL2525M16X	25	25	32	150	46	93°	VN-∞1604				●
RIGHT-HAND											
NT-DVJNR2020K16X	20	20	25	125	50	93°	VN-∞1604				●
NT-DVJNR2525M16X	25	25	32	150	46	93°	VN-∞1604				●

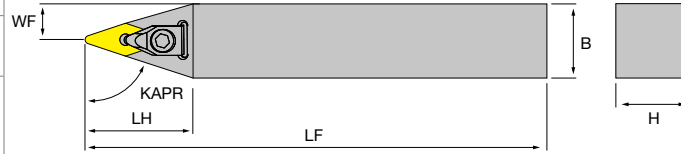
★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Shim	Shim screw	L wrench	Clamp	Spring	Clamp screw
NT-DVJN ⁺ /R0000016X	NT-SH075	NT-ST250	NT-TX15 / NT-TX20	NT-CS210 / NT-CS200	NT-SG200	NT-SC200

DVVN

ISO VN - Negative

- External turning (KAPR 72.5°), Neutral position
- Holds VN-style inserts
- Double pushing and pulling action with a single movement
- Quick and safe tightening



Designation	H	B	WF	LF	LH	KAPR	MIID					Stock
NEUTRAL HOLDERS												
NT-DVVNN2020K16X	20	20	10	125	47	72.5°	VN-∞1604					●
NT-DVVNN2525M16X	25	25	12.5	150	47	72.5°	VN-∞1604					●

★ 1st choice, ☆ suitable, ● stock standard, ◎ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Shim	Shim screw	L wrench	Clamp	Spring	Clamp screw
NT-DVVNN∞∞∞16X	NT-SH075	NT-ST250	NT-TX15 / NT-TX20	NT-CS210 / NT-CS200	NT-SG200	NT-SC200

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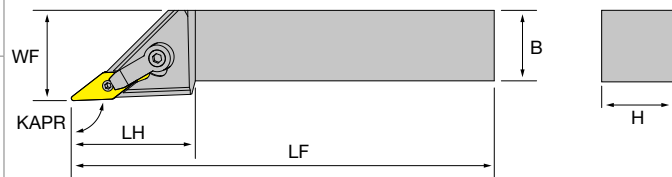
F - ACCESSORIES

G - SPARE PARTS

MVJN

ISO VN - Negative

- External turning (KAPR 93°)
- Holds VN-style inserts
- Double locking with Eccentric pins and bracket. Excellent clamping force



Right-hand shown



Designation	H	B	WF	LF	LH	KAPR	MIID					Stock
LEFT-HAND												
NT-MVJNL2020K16	20	20	25	125	39	93°	VN-∞1604					●
NT-MVJNL2525M16	25	25	32	150	44	93°	VN-∞1604					●
NT-MVJNL3232P16	32	32	40	170	45	93°	VN-∞1604					⊙
RIGHT-HAND												
NT-MVJNR2020K16	20	20	25	125	39	93°	VN-∞1604					●
NT-MVJNR2525M16	25	25	32	150	44	93°	VN-∞1604					●
NT-MVJNR3232P16	32	32	40	170	45	93°	VN-∞1604					⊙

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Shim	Eccentric pin	L wrench	Clamp	Clamp screw
NT-MVJN/∞∞∞∞∞16	NT-SH075	NT-SP020	NT-WR020 / NT-WR030	NT-CS075	NT-SC010

<h2>MVVN</h2>		
<p>ISO VN - Negative</p> <ul style="list-style-type: none"> External turning (KAPR 72.5°), Neutral position Holds VN-style inserts Double locking with Eccentric pins and bracket. Excellent clamping force 		

Designation	H	B	WF	LF	LH	KAPR	MIID					Stock
NEUTRAL HOLDERS												
NT-MVVNN2020K16	20	20	10	125	45	72.5°	VN∞1604					☉
NT-MVVNN2525M16	25	25	12.5	150	45	72.5°	VN∞1604					●
NT-MVVNN3232P16	32	32	16	170	45	72.5°	VN∞1604					☉

★ 1st choice, ☆ suitable, ● stock standard, ☉ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Shim	Eccentric pin	L wrench	Clamp	Clamp screw
NT-MVVNN○○○○16	NT-SH075	NT-SP020	NT-WR020 / NT-WR030	NT-CS075	NT-SC010

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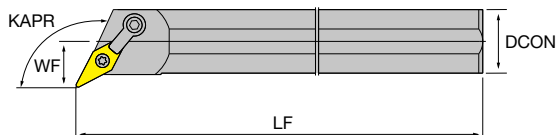
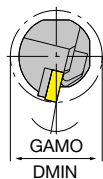
F - ACCESSORIES

G - SPARE PARTS

S MVQN

ISO VN - Negative

- Internal turning (KAPR 107.5°)
- Steel boring bar without internal coolant
- Holds VN-style inserts
- Double locking with Eccentric pins and bracket. Excellent clamping force



Right-hand shown



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID				Stock
LEFT-HAND											
NT-S25R-MVQNL16	33	25	20	200	107.5°	12°	VN-∞1604				●
NT-S32S-MVQNL16	40	32	23	250	107.5°	17°	VN-∞1604				●
NT-S40T-MVQNL16	50	40	27	300	107.5°	15°	VN-∞1604				●
NT-S50U-MVQNL16	63	50	33	350	107.5°	12°	VN-∞1604				●
RIGHT-HAND											
NT-S25R-MVQNR16	33	25	20	200	107.5°	12°	VN-∞1604				●
NT-S32S-MVQNR16	40	32	23	250	107.5°	17°	VN-∞1604				●
NT-S40T-MVQNR16	50	40	27	300	107.5°	15°	VN-∞1604				●
NT-S50U-MVQNR16	63	50	33	350	107.5°	12°	VN-∞1604				●

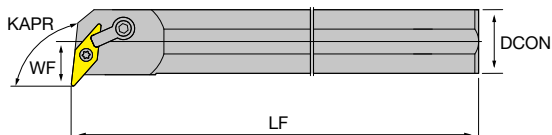
★ 1st choice, ☆ suitable, ● stock standard, ● non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Shim	Eccentric pin	L wrench	Clamp	Clamp screw
NT-S25R-MVQN ^h /r16	NT-SH075	NT-SP020	NT-WR020 / NT-WR030	NT-CS010	NT-SC008
NT-S32S-MVQN ^h /r16	NT-SH075	NT-SP020	NT-WR020 / NT-WR030	NT-CS010	NT-SC008
NT-S40T-MVQN ^h /r16	NT-SH075	NT-SP020	NT-WR020 / NT-WR030	NT-CS010	NT-SC010
NT-S50U-MVQN ^h /r16	NT-SH075	NT-SP020	NT-WR020 / NT-WR030	NT-CS010	NT-SC010

S MVUN

ISO VN - Negative

- Internal turning (KAPR 93°)
- Steel boring bar without internal coolant
- Holds VN-style inserts
- Double locking with Eccentric pins and bracket. Excellent clamping force



Right-hand shown



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID				Stock
LEFT-HAND											
NT-S25R-MVUNL16	37	25	20	200	93°	12°	VN-∞1604				⊙
NT-S32S-MVUNL16	40	32	22	250	93°	12°	VN-∞1604				⊙
NT-S40T-MVUNL16	50	40	27	300	93°	15°	VN-∞1604				⊙
NT-S50U-MVUNL16	63	50	32	350	93°	12°	VN-∞1604				⊙
RIGHT-HAND											
NT-S25R-MVUNR16	37	25	20	200	93°	12°	VN-∞1604				●
NT-S32S-MVUNR16	40	32	22	250	93°	12°	VN-∞1604				●
NT-S40T-MVUNR16	50	40	27	300	93°	15°	VN-∞1604				●
NT-S50U-MVUNR16	63	50	32	350	93°	12°	VN-∞1604				⊙

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Shim	Eccentric pin	L wrench	Clamp	Clamp screw
NT-S25R-MVUN ^{1/2} R16	NT-SH075	NT-SP020	NT-WR020 / NT-WR030	NT-CS010	NT-SC008
NT-S32S-MVUN ^{1/2} R16	NT-SH075	NT-SP020	NT-WR020 / NT-WR030	NT-CS010	NT-SC008
NT-S40T-MVUN ^{1/2} R16	NT-SH075	NT-SP020	NT-WR020 / NT-WR030	NT-CS010	NT-SC010
NT-S50U-MVUN ^{1/2} R16	NT-SH075	NT-SP020	NT-WR020 / NT-WR030	NT-CS010	NT-SC010

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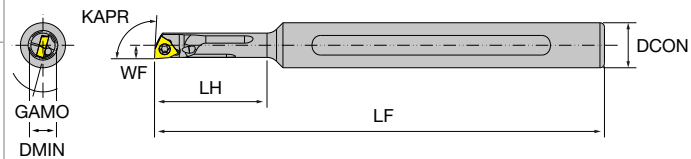
F - ACCESSORIES

G - SPARE PARTS

V SWUB

ISO WB - Positive

- Internal turning (KAPR 93°)
- Vortex boring bar (anti-vibration steel) with internal coolant through. Maximum overhang: 5xDCON
- Holds WB-style inserts, tightened by screws
- Special chip evacuation path



Right-hand shown



Designation	DMIN	DCON	WF	LF	LH	KAPR	GAMO	MID			Stock
RIGHT-HAND WITH REDUCED NECK											
NT-V10H-SWUBR06-06	6	10	3	100	25	93°	15°	WB∞0601			●
NT-V10H-SWUBR06-07	7	10	3.5	100	30	93°	13°	WB∞0601			●

★ 1st choice, ☆ suitable, ● stock standard, ○ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench
NT-V10H-SWUB [☆] /R06-∞	NT-ST20038T06	NT-FT06

! HOLDER AND INSERT COUPLING

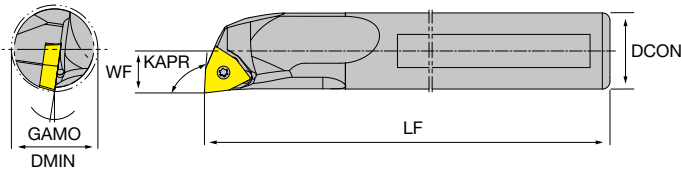
Holder R → Insert L

Holder L → Insert R

V SWUC

ISO WC - Positive

- Internal turning (KAPR 93°)
- Vortex boring bar (anti-vibration steel) with internal coolant through. Maximum overhang: 5xDCON
- Holds WC-style inserts, tightened by screws
- Special chip evacuation path



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID					Stock
LEFT-HAND												
NT-V12M-SWUCL12-14	14	12	7	150	93°	13°	WC∞12T3					●
NT-V16Q-SWUCL12-18	18	16	9	180	93°	10°	WC∞12T3					●
NT-V20R-SWUCL12-22	22	20	11	200	93°	8°	WC∞12T3					●
NT-V25S-SWUCL12-27	27	25	13.5	250	93°	8°	WC∞12T3					●
RIGHT-HAND												
NT-V12M-SWUCR12-14	14	12	7	150	93°	13°	WC∞12T3					●
NT-V16Q-SWUCR12-18	18	16	9	180	93°	10°	WC∞12T3					●
NT-V20R-SWUCR12-22	22	20	11	200	93°	8°	WC∞12T3					●
NT-V25S-SWUCR12-27	27	25	13.5	250	93°	8°	WC∞12T3					●

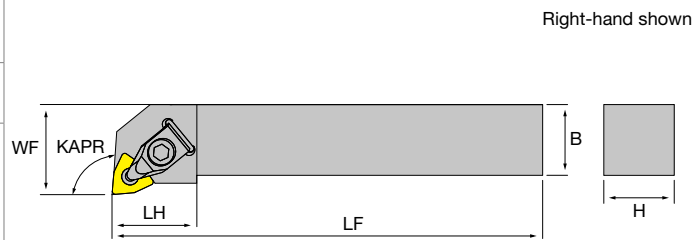
★ 1st choice, ☆ suitable, ● stock standard, ● non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Insert screw	Flag wrench
NT-V∞∞-SWUC/r12-∞∞	NT-ST40090T15	NT-FT15

DWLN

ISO WN - Negative

- External turning (KAPR 95°)
- Holds WN-style inserts
- Double pushing and pulling action with a single movement
- Quick and safe tightening



Designation	H	B	WF	LF	LH	KAPR	MIID					Stock
LEFT-HAND												
NT-DWLN1616H06X	16	16	20	100	33	95°	WN⇒0604					●
NT-DWLN2020K06X	20	20	25	125	33	95°	WN⇒0604					●
NT-DWLN2020K08X	20	20	25	125	40	95°	WN⇒0804					●
NT-DWLN2525M06X	25	25	32	150	33	95°	WN⇒0604					●
NT-DWLN2525M08X	25	25	32	150	40	95°	WN⇒0804					●
NT-DWLN3225P08X	32	25	32	170	40	95°	WN⇒0804					●
RIGHT-HAND												
NT-DWLN1616H06X	16	16	20	100	33	95°	WN⇒0604					●
NT-DWLN2020K06X	20	20	25	125	33	95°	WN⇒0604					●
NT-DWLN2020K08X	20	20	25	125	40	95°	WN⇒0804					●
NT-DWLN2525M06X	25	25	32	150	33	95°	WN⇒0604					●
NT-DWLN2525M08X	25	25	32	150	40	95°	WN⇒0804					●
NT-DWLN3225P08X	32	25	32	170	40	95°	WN⇒0804					●

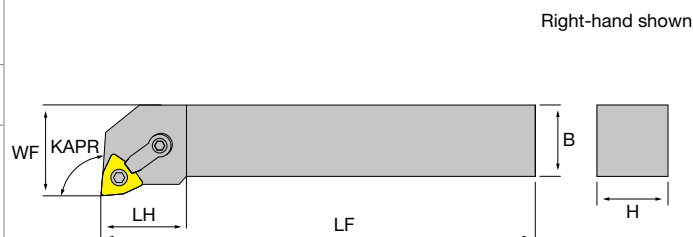
★ 1st choice, ☆ suitable, ● stock standard, ◎ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Shim	Shim screw	Clamp	Spring	Clamp screw	L wrench
NT-DWLN ¹ /R0000006X	NT-SH003	NT-ST250	NT-CS250	NT-SG250	NT-SC250	NT-TX15
NT-DWLN ¹ /R0000008X	NT-SH010	NT-ST200	NT-CS200	NT-SG200	NT-SC200	NT-WR025 / NT-TX20

MWLN

ISO WN - Negative

- External turning (KAPR 95°)
- Holds WN-style inserts
- Double locking with Eccentric pins and bracket. Excellent clamping force



Designation	H	B	WF	LF	LH	KAPR	MIID					Stock
LEFT-HAND												
NT-MWLN2020K06	20	20	25	125	33	95°	WN⇒0604					⊙
NT-MWLN2020K08	20	20	25	125	33	95°	WN⇒0804					●
NT-MWLN2525M06	25	25	32	150	26	95°	WN⇒0604					⊙
NT-MWLN2525M08	25	25	32	150	26	95°	WN⇒0804					●
NT-MWLN3232P08	32	32	40	170	26	95°	WN⇒0804					●
RIGHT-HAND												
NT-MWLN2020K06	20	20	25	125	33	95°	WN⇒0604					⊙
NT-MWLN2020K08	20	20	25	125	33	95°	WN⇒0804					●
NT-MWLN2525M06	25	25	32	150	26	95°	WN⇒0604					⊙
NT-MWLN2525M08	25	25	32	150	26	95°	WN⇒0804					●
NT-MWLN3232P08	32	32	40	170	26	95°	WN⇒0804					●

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Shim	Eccentric pin	L wrench	Clamp	Clamp screw
NT-MWLN ^N / _R ○○○○○06	NT-SH003	NT-SP020	NT-WR020 / NT-WR025	NT-CS009	NT-SC030
NT-MWLN ^N / _R ○○○○○08	NT-SH010	NT-SP010	NT-WR030	NT-CS010	NT-SC010

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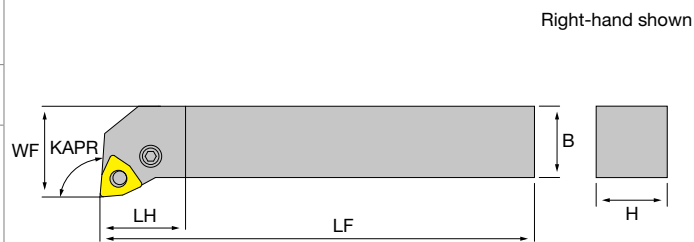
F - ACCESSORIES

G - SPARE PARTS

PWLN

ISO WN - Negative

- External turning (KAPR 95°)
- Holds WN-style inserts
- Easy to use Levers-lock clamping
- Suitable for long-chip materials



Designation	H	B	WF	LF	LH	KAPR	MIID				Stock
LEFT-HAND											
NT-PWLN2020K08	20	20	25	125	20	95°	WN↔0804				●
NT-PWLN2525M08	25	25	32	150	26	95°	WN↔0804				●
RIGHT-HAND											
NT-PWLN2020K08	20	20	25	125	20	95°	WN↔0804				●
NT-PWLN2525M08	25	25	32	150	26	95°	WN↔0804				●

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Shim	Elastic plug	Lever	Screw lever	L wrench
NT-PWLN/↔↔↔↔↔↔08	NT-SH015	NT-SR020	NT-LL020	NT-SC025	NT-WR030

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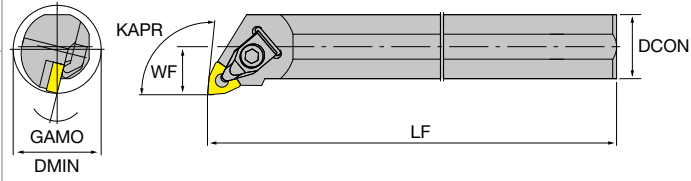
F - ACCESSORIES

G - SPARE PARTS

A DWLN

ISO WN - Negative

- Internal turning (KAPR 95°)
- Steel boring bar with internal coolant through
- Holds WN-style inserts
- Double pushing and pulling action with a single movement.
- Quick and safe tightening



Right-hand shown



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID					Stock
LEFT-HAND												
NT-A25R-DWLNLO8	32	25	17	200	95°	14°	WN≈0804					●
NT-A32S-DWLNLO8	40	32	22	250	95°	14°	WN≈0804					●
NT-A40T-DWLNLO8	50	40	27	300	95°	12°	WN≈0804					●
RIGHT-HAND												
NT-A25R-DWLNRO8	32	25	17	200	95°	14°	WN≈0804					●
NT-A32S-DWLNRO8	40	32	22	250	95°	14°	WN≈0804					●
NT-A40T-DWLNRO8	50	40	27	300	95°	12°	WN≈0804					●

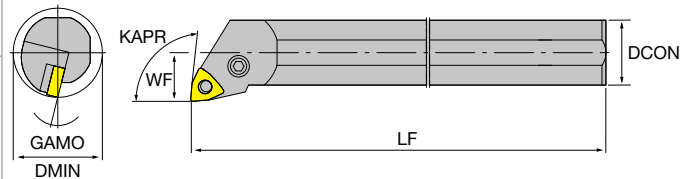
★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Shim	Shim screw	L wrench	Clamp	Spring	Clamp screw
NT-A ^{○○○} -DWLN [▽] r08	NT-SH015	NT-ST200	NT-WR025 / NT-TX20	NT-CS200	NT-SG200	NT-SC200

A PWLN

ISO WN - Negative

- Internal turning (KAPR 95°)
- Steel boring bar with internal coolant through
- Holds WN-style inserts
- Easy to use Levers-lock clamping. Suitable for long-chip materials



Right-hand shown



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID				Stock
LEFT-HAND											
NT-A25R-PWLN _L O8	30	25	17	200	95°	12°	WN≈0804				●
NT-A32S-PWLN _L O8	40	32	22	250	95°	10°	WN≈0804				●
NT-A40T-PWLN _L O8	48	40	27	300	95°	8°	WN≈0804				●
RIGHT-HAND											
NT-A25R-PWLN _R O8	30	25	17	200	95°	12°	WN≈0804				●
NT-A32S-PWLN _R O8	40	32	22	250	95°	10°	WN≈0804				●
NT-A40T-PWLN _R O8	48	40	27	300	95°	8°	WN≈0804				●

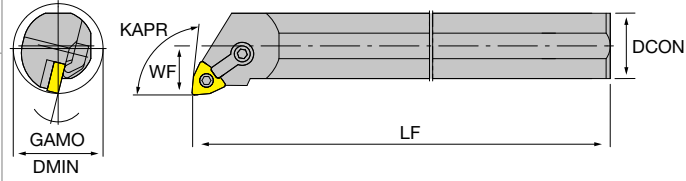
★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Elastic plug	Lever	Screw lever	L wrench	Shim
NT-A25R-PWLN _R O8	NT-SR015	NT-LL015	NT-SC015	NT-WR025	-
NT-A32S-PWLN _R O8	NT-SR020	NT-LL020	NT-SC025	NT-WR030	NT-SH015
NT-A40T-PWLN _R O8	NT-SR020	NT-LL020	NT-SC025	NT-WR030	NT-SH015

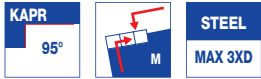
S MWLN

ISO WN - Negative

- Internal turning (KAPR 95°)
- Steel boring bar without internal coolant
- Holds WN-style inserts
- Double locking with Eccentric pins and bracket. Excellent clamping force



Right-hand shown



Designation	DMIN	DCON	WF	LF	KAPR	GAMO	MIID					Stock
LEFT-HAND												
NT-S16Q-MWLN06	22	16	11	180	95°	18°	WN≈0604					⊙
NT-S20R-MWLN08	25	20	13	200	95°	17°	WN≈0804					●
NT-S25R-MWLN08	32	25	17	200	95°	14°	WN≈0804					●
NT-S32S-MWLN08	40	32	22	250	95°	14°	WN≈0804					●
NT-S40T-MWLN08	50	40	27	300	95°	12°	WN≈0804					●
NT-S50U-MWLN08	63	50	35	350	95°	12°	WN≈0804					●
RIGHT-HAND												
NT-S16Q-MWLN06	22	16	11	180	95°	18°	WN≈0604					⊙
NT-S20R-MWLN08	25	20	13	200	95°	17°	WN≈0804					●
NT-S25R-MWLN08	32	25	17	200	95°	14°	WN≈0804					●
NT-S32S-MWLN08	40	32	22	250	95°	14°	WN≈0804					●
NT-S40T-MWLN08	50	40	27	300	95°	12°	WN≈0804					●
NT-S50U-MWLN08	63	50	35	350	95°	12°	WN≈0804					●

★ 1st choice, ☆ suitable, ● stock standard, ⊙ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

Spare parts	Eccentric pin	L wrench	Clamp	Clamp screw	Shim
NT-S16Q-MWLN/a06	NT-SP030	NT-WR020 / NT-WR025	NT-CS030	NT-SC030	-
NT-S20R-MWLN/a08	NT-SP035	NT-WR025	NT-CS030	NT-SC030	-
NT-S25R-MWLN/a08	NT-SP035	NT-WR025 / NT-WR030	NT-CS010	NT-SC008	-
NT-S32S-MWLN/a08	NT-SP010	NT-WR030	NT-CS010	NT-SC010	NT-SH010
NT-S40T-MWLN/a08	NT-SP010	NT-WR030	NT-CS010	NT-SC010	NT-SH010
NT-S50U-MWLN/a08	NT-SP010	NT-WR030	NT-CS010	NT-SC010	NT-SH010