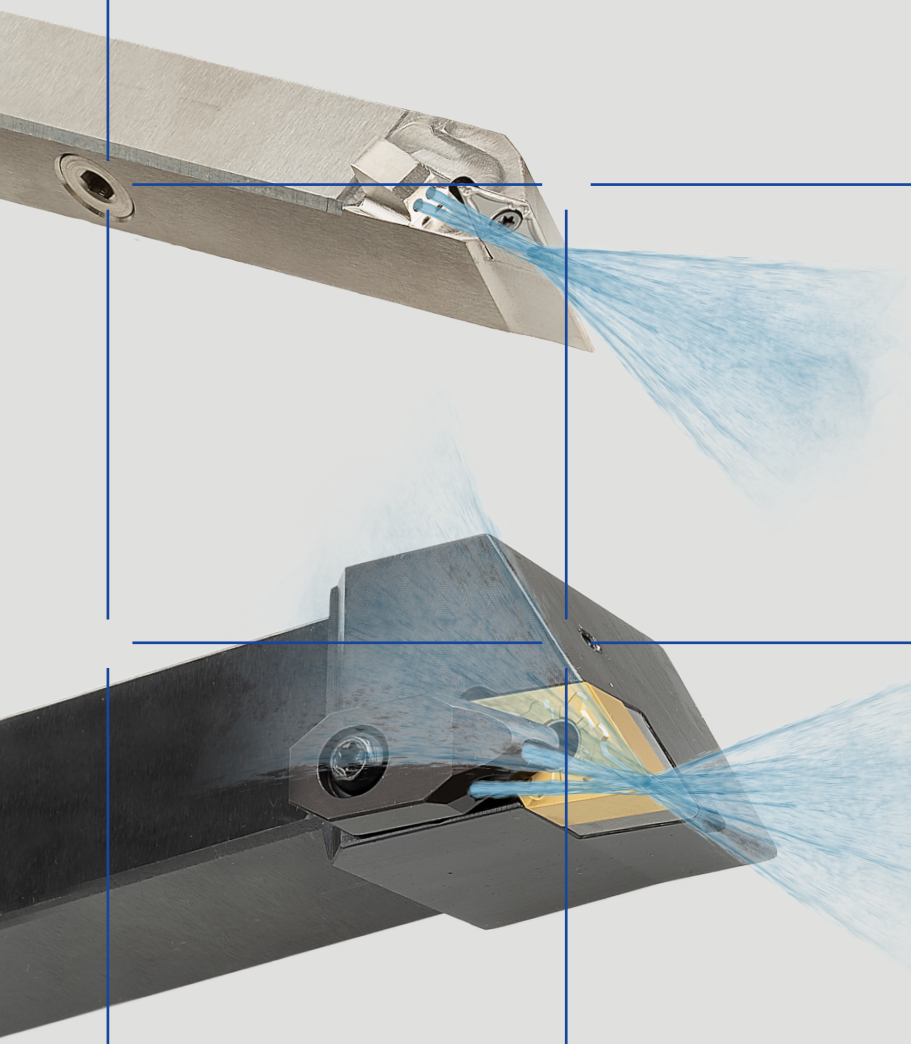
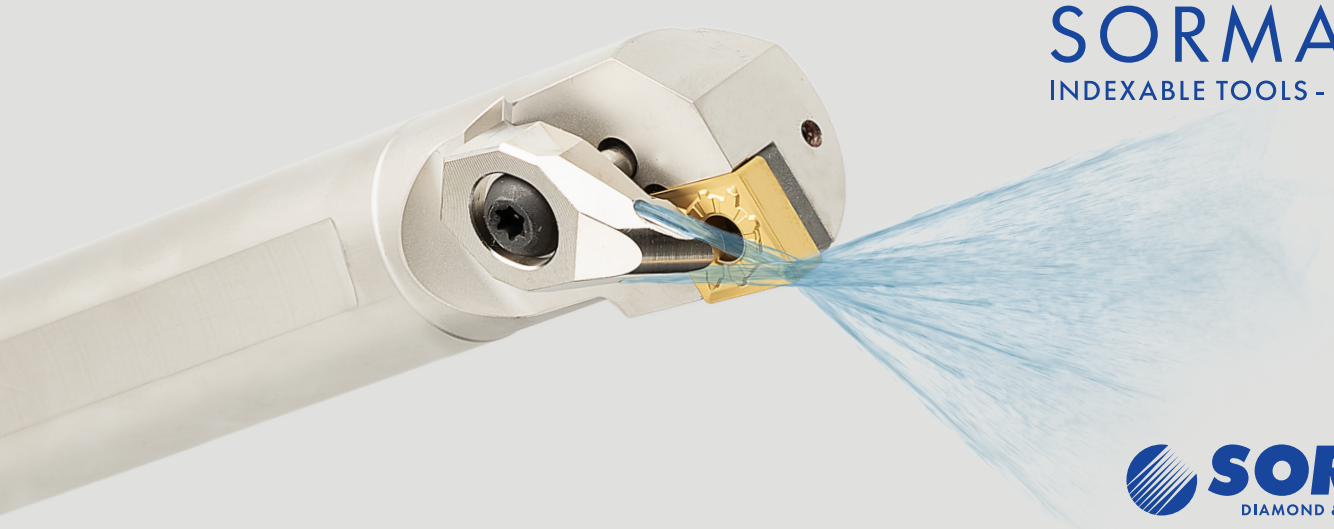
COOL HOLDERS

EN

High pressure coolant holders for longer tool life and smaller chips.



SORMA | IT
INDEXABLE TOOLS - NIKKO

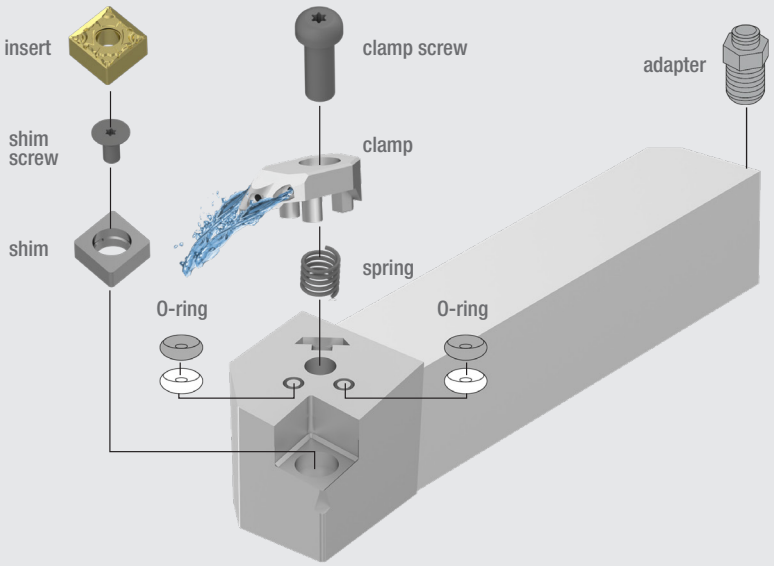


SORMA
DIAMOND & CUTTING TOOLS

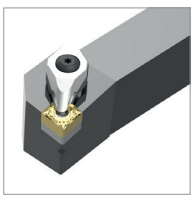
SORMA IT
INDEXABLE TOOLS - NIKKO

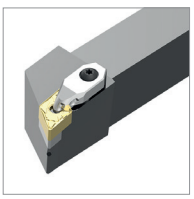
• Much longer insert tool life (at least +50% tool life at 80-120 Bar) thanks to coolant direct delivery to the cutting edge and effective reduction of heat generation.
• Cutting speed can be more than doubled on ISO S turning, with significant reduction of cycle time and increase of productivity.
• Mountable on various turning machines (lathes, Swiss machine, etc.), coolant can be connected from different directions (side/bottom/back).
• More effective **chip breaking** and chip control compared to standard tool holders: effectively breaks the chips into small pieces!

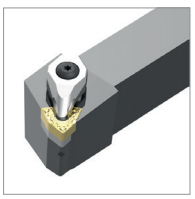
Internal coolant (70 Bar)	External coolant (5 Bar)
	
Cutting conditions: Vc 130 m/min, fn 0.15 mm/r, ap 1.2 mm, wet	
DCMT11T304 insert on AVP steel (P1)	

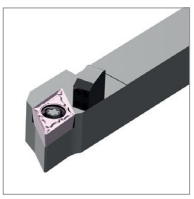


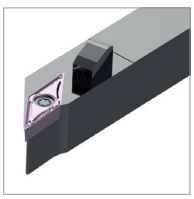
EXTERNAL

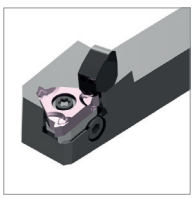

DCLN(CNoo)


DDJN (DNoo)


DWLN (WNoo)


SDJC (DCoo)


SVJB (VBoo)


SER (16ERoo)

INTERNAL


A DCLN (CNoo)

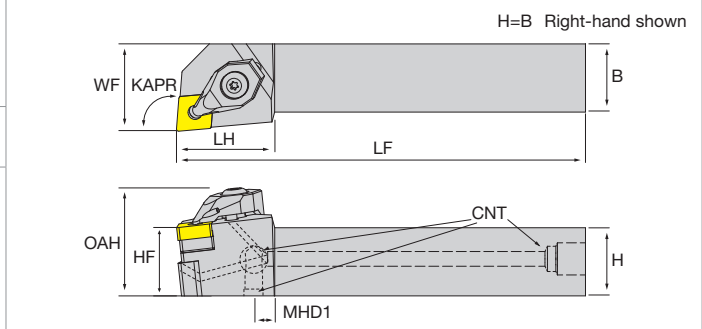

A DDUN (DNoo)

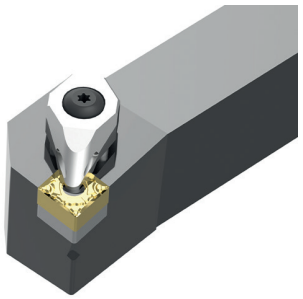

A DWLN (WNoo)

DCLN CH

ISO CN - Negative

- Effective chip breaking and chip control
- Insert tool life significantly extended
- Suggested coolant pressure: 70 – 120 Bar
- KAPR 95°







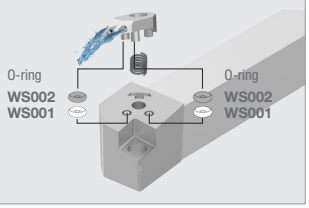
Designation	H	B	WF	LF	LH	HF	OAH	MHD1	CNT	MIID	Stock
LEFT-HAND											
NT-DCLNL2525M12-CH	25	25	32	150	36	25	39.6	3	PT 1/8"	CN∞1204	●
RIGHT-HAND											
NT-DCLNR2525M12-CH	25	25	32	150	36	25	39.6	3	PT 1/8"	CN∞1204	●

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

Spare parts	Wrench	Clamp	o-ring	Screw	Spring	Shim
						
NT-A2∞∞-DCLN$^{L}/_{R}$12-CH	NT-TX20 / NT-WR025	NT-CS002	NT-WS001 / NT-WS002	NT-SC200 / NT-ST200	NT-SG200	NT-SH035

DOUBLE O-RINGS ON BOTH SIDES

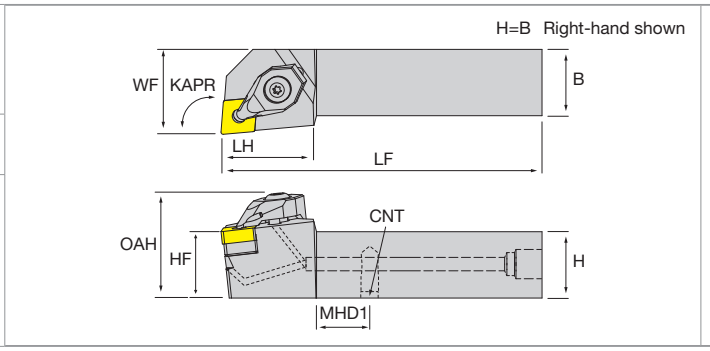
WS001: white, hard, to block the high pressure
WS002: black, soft, to completely seal the coolant
WS002 should be above the WS001

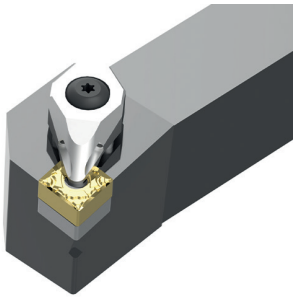


DCLN VCH

ISO CN - Negative

- VDI Type
- Effective chip breaking and chip control
- Insert tool life significantly extended
- Suggested coolant pressure: 70 – 120 Bar
- KAPR 95°







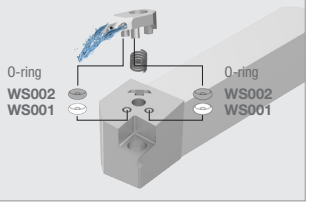
Designation	H	B	WF	LF	LH	HF	OAH	MHD1	CNT	MIID	Stock
LEFT-HAND											
NT-DCLNL2525M12-VCH	25	25	32	150	36	25	39.6	3	D5	CN∞1204	●
RIGHT-HAND											
NT-DCLNR2525M12-VCH	25	25	32	150	36	25	39.6	3	D5	CN∞1204	●

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

Spare parts	Wrench	Clamp	o-ring	Screw	Spring	Shim
NT-A2∞∞-DCLN$^{L}/_{R}$12-VCH	NT-TX20 / NT-WR025	NT-CS002	NT-WS001 / NT-WS002	NT-SC200 / NT-ST200	NT-SG200	NT-SH035

DOUBLE O-RINGS ON BOTH SIDES

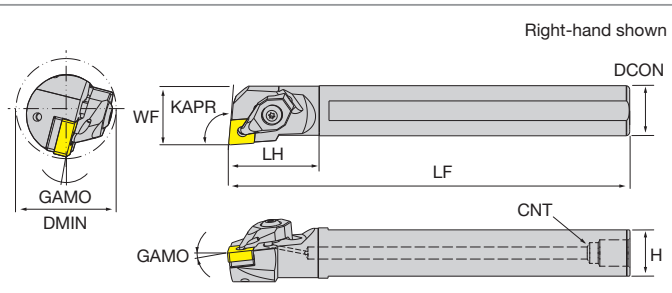
WS001: white, hard, to block the high pressure
WS002: black, soft, to completely seal the coolant
WS002 should be above the WS001



A DCLN CH

ISO CN - Negative

- Effective chip breaking and chip control
- Insert tool life significantly extended
- Suggested coolant pressure: 70 – 120 Bar





KAPR 95° | D | STEEL MAX 3XD | HIGH PRESSURE

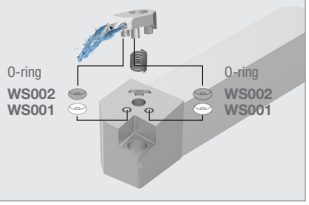
Designation	DMIN	DCON	WF	LF	LH	H	KAPR	GAMO	CNT	MIID	Stock
LEFT-HAND											
NT-A25R-DCLNL12-CH	36	25	17	200	45	23	95°	14°	NPT1/4"	CN∞1204	●
NT-A32S-DCLNL12-CH	40	32	22	250	45	30	95°	14°	NPT1/4"	CN∞1204	●
NT-A40T-DCLNL12-CH	50	40	27	300	45	37	95°	12°	NPT1/4"	CN∞1204	●
RIGHT-HAND											
NT-A25R-DCLNR12-CH	36	25	17	200	45	23	95°	14°	NPT1/4"	CN∞1204	●
NT-A32S-DCLNR12-CH	40	32	22	250	45	30	95°	14°	NPT1/4"	CN∞1204	●
NT-A40T-DCLNR12-CH	50	40	27	300	45	37	95°	12°	NPT1/4"	CN∞1204	●

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

Spare parts	Wrench	Clamp	o-ring	Screw	Spring	Shim
NT-A oooo-DCLN L/R12-CH	NT-TX20 / NT-WR025	NT-CS002	NT-WS001 / NT-WS002	NT-SC200 / NT-ST200	NT-SG200	NT-SH035

DOUBLE O-RINGS ON BOTH SIDES

WS001: white, hard, to block the high pressure
WS002: black, soft, to completely seal the coolant
WS002 should be above the WS001

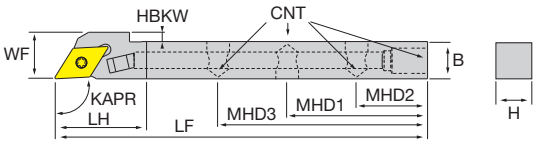


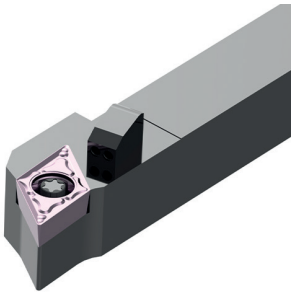
SDJC CH

ISO DC - Positive

- Effective chip breaking and chip control
- Insert tool life significantly extended
- Suggested coolant pressure: 70 – 120 Bar
- KAPR 93°

H=B Right-hand shown







Designation	H	WF	LF	LH	HBKW	MHD1	MHD2	MHD3	CNT	MIID	Stock
LEFT-HAND											
NT-SDJCL1212JX11-CH	12	12	120	27.5	3	50	25	65	5/16"-UNF24	DC∞11T3	●
NT-SDJCL1616JX11-CH	16	16	120	25.5	-	50	25	65	PT 1/8"	DC∞11T3	●
RIGHT-HAND											
NT-SDJCR1212JX11-CH	16	16	120	25.5	3	50	25	65	5/16"-UNF24	DC∞11T3	●
NT-SDJCR1616JX11-CH	12	12	120	27.5	-	50	25	65	PT 1/8"	DC∞11T3	●

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

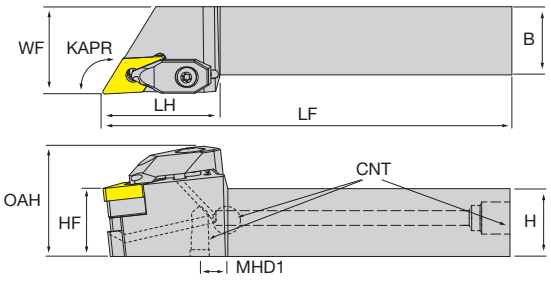
Spare parts	Flag wrench	Screw	Coolant plug
			
NT-SDJC$^{L}/_{R}$1212JX11-CH	NT-FT15	NT-ST35089T15B	NT-JS003
NT-SDJC$^{L}/_{R}$1616JX11-CH	NT-FT15	NT-ST35089T15B	NT-JS002

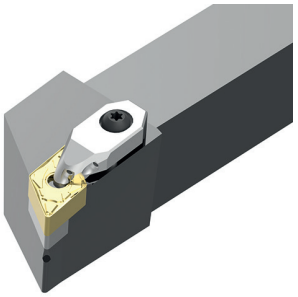
DDJN CH

ISO DN - Negative

- Effective chip breaking and chip control
- Insert tool life significantly extended
- Suggested coolant pressure: 70 – 120 Bar
- KAPR 93°

H=B Right-hand shown





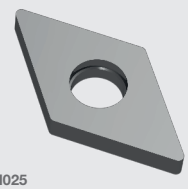
KAPR 93° | D | HIGH PRESSURE

Designation	H	B	WF	LF	LH	HF	OAH	MHD1	CNT	MIID	Stock
LEFT-HAND											
NT-DDJNL2525M15-CH	25	25	32	150	43	25	37.4	13	PT 1/8"	DN∞1506	●
RIGHT-HAND											
NT-DDJNR2525M15-CH	25	25	32	150	43	25	37.4	13	PT 1/8"	DN∞1506	●

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

Spare parts	Flag wrench	Clamp	o-ring	Screw	Spring	Wrench	Shim
NT-DDJNLooooo15-CH	NT-TX15	NT-CS006	NT-WS001 / NT-WS002	NT-SC250 / NT-ST200	NT-SG250	NT-WR025	NT-SH045
NT-DDJNRooooo15-CH	NT-TX15	NT-CS004	NT-WS001 / NT-WS002	NT-SC250 / NT-ST200	NT-SG250	NT-WR025	NT-SH045

DNOO1504OO



NT-SH025
For 04 thickness, please order separately the correct shim

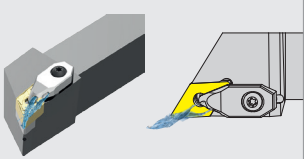
Directions of the clamps



NT-CS004
(Right hand)

NT-CS006
(Left hand)

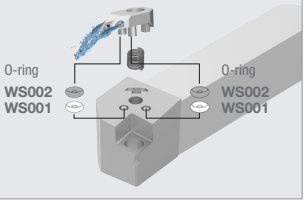
Clamp for D-type holders



Two coolant holes on one side pointing at the insert corner.

DOUBLE O-RINGS ON BOTH SIDES

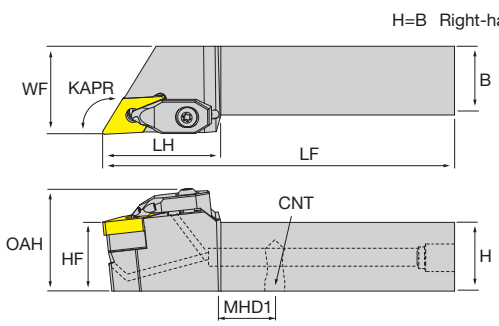
WS001: white, hard, to block the high pressure
WS002: black, soft, to completely seal the coolant
WS002 should be above the WS001

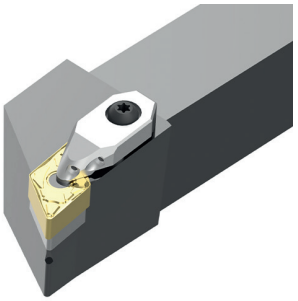


DDJN VCH

ISO DN - Negative

- VDI Type
- Effective chip breaking and chip control
- Insert tool life significantly extended
- Suggested coolant pressure: 70 – 120 Bar
- KAPR 93°





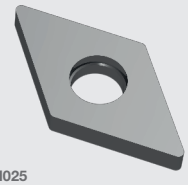


Designation	H	B	WF	LF	LH	HF	OAH	MHD1	CNT	MIID	Stock
LEFT-HAND											
NT-DDJNL2525M15-VCH	25	25	32	150	43	25	37.4	13	D5	DN∞1504	●
RIGHT-HAND											
NT-DDJNR2525M15-VCH	25	25	32	150	43	25	37.4	13	D5	DN∞1504	●

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

Spare parts	Flag wrench	Clamp	o-ring	Screw	Spring	Wrench	Shim
NT-DDJNL∞∞15-VCH	NT-TX15	NT-CS006	NT-WS001 / NT-WS002	NT-SC250 / NT-ST200	NT-SG250	NT-WR025	NT-SH045
NT-DDJNR∞∞15-VCH	NT-TX15	NT-CS004	NT-WS001 / NT-WS002	NT-SC250 / NT-ST200	NT-SG250	NT-WR025	NT-SH045

DN∞∞1504∞∞



NT-SH025

For 04 thickness, please order separately the correct shim

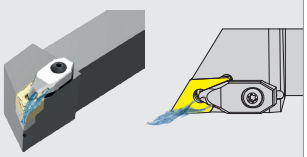
Directions of the clamps



NT-CS004
(Right hand)

NT-CS006
(Left hand)

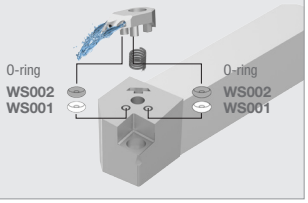
Clamp for D-type holders



Two coolant holes on one side pointing at the insert corner.

DOUBLE O-RINGS ON BOTH SIDES

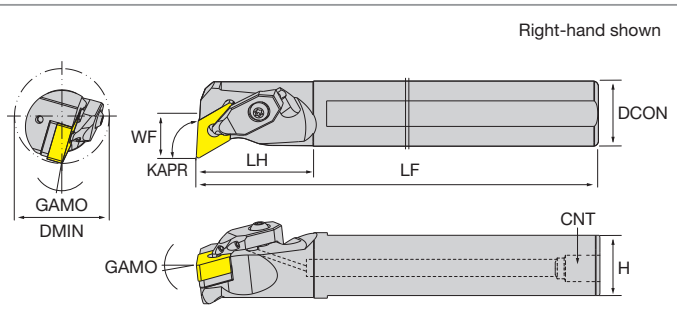
WS001: white, hard, to block the high pressure
WS002: black, soft, to completely seal the coolant
WS002 should be above the WS001



A DDUN CH

ISO DN - Negative

- Effective chip breaking and chip control
- Insert tool life significantly extended
- Suggested coolant pressure: 70 – 120 Bar





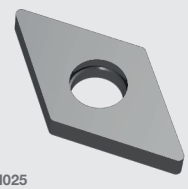
KAPR 93° | D | STEEL MAX 3XD | HIGH PRESSURE

Designation	DMIN	DCON	WF	LF	LH	H	KAPR	GAMO	CNT	MIID	Stock
LEFT-HAND											
NT-A25R-DDUNL15-CH	38	25	17	200	45	23	93°	6°	NPT1/4"	DN∞1506	●
NT-A32S-DDUNL15-CH	40	32	22	250	45	30	93°	6°	NPT1/4"	DN∞1506	●
NT-A40T-DDUNL15-CH	50	40	27	300	50	37	93°	6°	NPT1/4"	DN∞1506	●
RIGHT-HAND											
NT-A25R-DDUNR15-CH	38	25	17	200	45	23	93°	6°	NPT1/4"	DN∞1506	●
NT-A32S-DDUNR15-CH	40	32	22	250	45	30	93°	6°	NPT1/4"	DN∞1506	●
NT-A40T-DDUNR15-CH	50	40	27	300	50	37	93°	6°	NPT1/4"	DN∞1506	●

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

Spare parts	Clamp	Spring	o-ring	Screw	Wrench	Shim
NT-Aooo-DDUNL15-CH	NT-CS006	NT-SG250	NT-WS001 / NT-WS002	NT-SC250 / NT-ST200	NT-WR025 / NT-TX20	NT-SH020
NT-Aooo-DDUNR15-CH	NT-CS004	NT-SG250	NT-WS001 / NT-WS002	NT-SC250 / NT-ST200	NT-WR025 / NT-TX20	NT-SH020

DNOO1504OO



NT-SH025
For 04 thickness, please order separately the correct shim

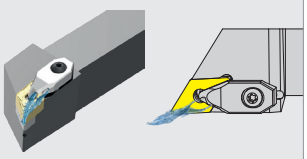
Directions of the clamps



NT-CS004
(Right hand)

NT-CS006
(Left hand)

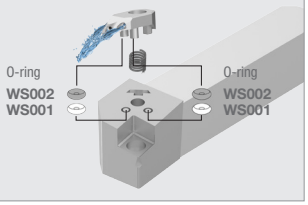
Clamp for D-type holders



Two coolant holes on one side pointing at the insert corner.

DOUBLE O-RINGS ON BOTH SIDES

WS001: white, hard, to block the high pressure
WS002: black, soft, to completely seal the coolant
WS002 should be above the WS001

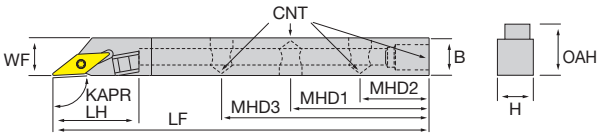


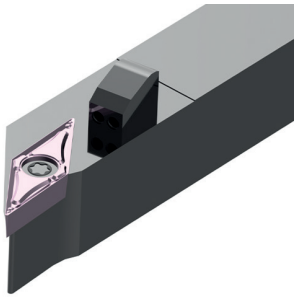
SVJB CH

ISO VB - Positive

- Effective chip breaking and chip control
- Insert tool life significantly extended
- Suggested coolant pressure: 70 – 120 Bar

H=B Right-hand shown











Designation	H	WF	LF	LH	OAH	MHD1	MHD2	MHD3	CNT	MIID	Stock
LEFT-HAND											
NT-SVJBL1212JX11-CH	12	12	120	25.5	17	50	25	65	5/16"-UNF24	VB∞1103	●
NT-SVJBL1616JX11-CH	16	16	120	27.5	21.6	50	25	65	PT 1/8"	VB∞1103	●
RIGHT-HAND											
NT-SVJBR1212JX11-CH	12	12	120	25.5	17	50	25	65	5/16"-UNF24	VB∞1103	●
NT-SVJBR1616JX11-CH	16	16	120	27.5	21.6	50	25	65	PT 1/8"	VB∞1103	●

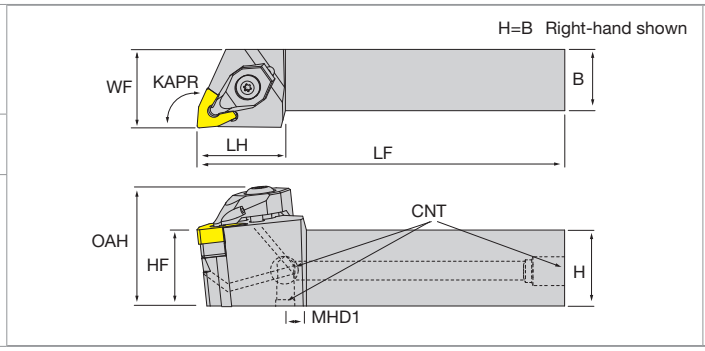
★ 1st choice, ☆ suitable, ● stock standard, ⦿ non-stock standard (no MOQ), ○ non-stock standard (MOQ), ▲ upcoming product, ▽ stock exhaustion

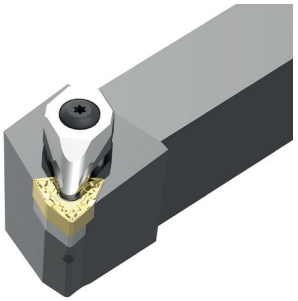
Spare parts	Flag wrench	Screw	Coolant plug
NT-SVJB$^{L}/_{R}$1212JX11-CH	NT-FT07	NT-ST25060T07	NT-JS003
NT-SVJB$^{L}/_{R}$1616JX11-CH	NT-FT07	NT-ST25060T07	NT-JS002

DWLN CH

ISO WN - Negative

- Effective chip breaking and chip control
- Insert tool life significantly extended
- Suggested coolant pressure: 70 – 120 Bar
- KAPR 95°







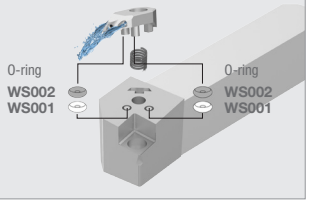
Designation	H	B	WF	LF	LH	HF	OAH	MHD1	CNT	MIID	Stock
LEFT-HAND											
NT-DWLNL2525M08-CH	25	25	32	150	36	25	39	3	PT 1/8"	WN∞0804	●
RIGHT-HAND											
NT-DWLNR2525M08-CH	25	25	32	150	36	25	39	3	PT 1/8"	WN∞0804	●

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

Spare parts	Wrench	Clamp	o-ring	Screw	Spring	Shim
NT-DWLN$^{L}/_{R}$∞∞08-CH	NT-TX20 / NT-WR025	NT-CS002	NT-WS001 / NT-WS002	NT-SC200 / NT-ST200	NT-SG200	NT-SH010

DOUBLE O-RINGS ON BOTH SIDES

WS001: white, hard, to block the high pressure
WS002: black, soft, to completely seal the coolant
WS002 should be above the WS001

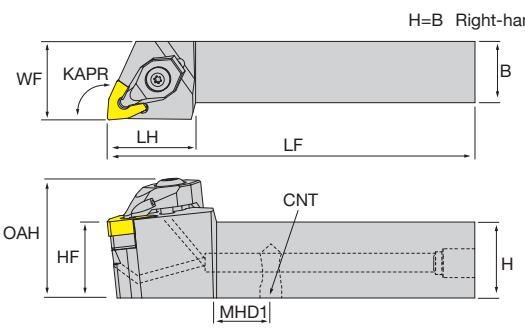


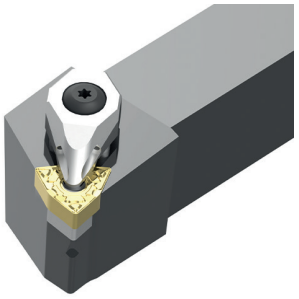
DWLN VCH

ISO WN - Negative

- VDI Type
- Effective chip breaking and chip control
- Insert tool life significantly extended
- Suggested coolant pressure: 70 – 120 Bar
- KAPR 95°

H=B Right-hand shown







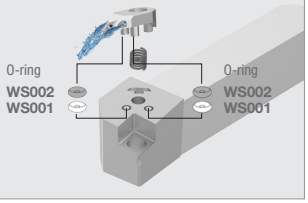
Designation	H	B	WF	LF	LH	HF	OAH	MHD1	CNT	MIID	Stock
LEFT-HAND											
NT-DWLNL2525M08-VCH	25	25	32	150	36	25	39	3	D5	WN∞0804	●
RIGHT-HAND											
NT-DWLNR2525M08-VCH	25	25	32	150	36	25	39	3	D5	WN∞0804	●

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

Spare parts	Wrench	Clamp	o-ring	Screw	Spring	Shim
NT-DWLN$^{L}/_{R}$∞∞∞∞08-VCH	NT-TX20 / NT-WR025	NT-CS002	NT-WS001 / NT-WS002	NT-SC200 / NT-ST200	NT-SG200	NT-SH010

DOUBLE O-RINGS ON BOTH SIDES

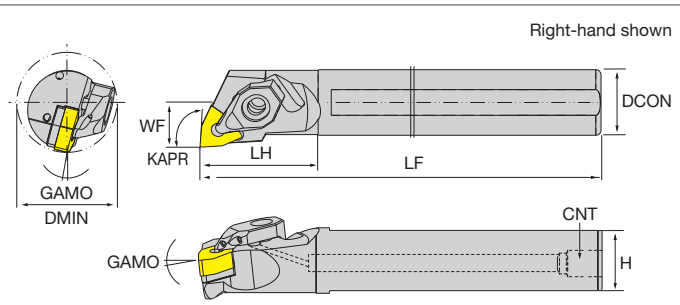
WS001: white, hard, to block the high pressure
WS002: black, soft, to completely seal the coolant
WS002 should be above the WS001



A DWLN CH

ISO WN - Negative

- Effective chip breaking and chip control
- Insert tool life significantly extended
- Suggested coolant pressure: 70 – 120 Bar







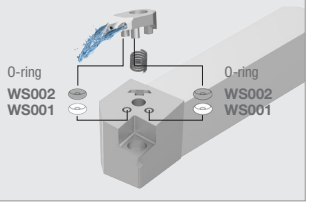
Designation	DMIN	DCON	WF	LF	LH	H	KAPR	GAMO	CNT	MIID	Stock
LEFT-HAND											
NT-A25R-DWLNL08-CH	36	25	17	200	45	23	95°	14°	NPT1/4"	WN∞0804	●
NT-A32S-DWLNL08-CH	40	32	22	250	45	30	95°	14°	NPT1/4"	WN∞0804	●
NT-A40T-DWLNL08-CH	50	40	27	300	50	37	95°	12°	NPT1/4"	WN∞0804	●
RIGHT-HAND											
NT-A25R-DWLNR08-CH	36	25	17	200	45	23	95°	14°	NPT1/4"	WN∞0804	●
NT-A32S-DWLNR08-CH	40	32	22	250	45	30	95°	14°	NPT1/4"	WN∞0804	●
NT-A40T-DWLNR08-CH	50	40	27	300	50	37	95°	12°	NPT1/4"	WN∞0804	●

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

Spare parts	Wrench	Clamp	o-ring	Screw	Spring	Shim
NT-A○○○-DWLN$^{L}/_{R}$08-CH	NT-TX20 / NT-WR025	NT-CS002	NT-WS001 / NT-WS002	NT-SC200 / NT-ST200	NT-SG200	NT-SH015

DOUBLE O-RINGS ON BOTH SIDES

WS001: white, hard, to block the high pressure
WS002: black, soft, to completely seal the coolant
WS002 should be above the WS001



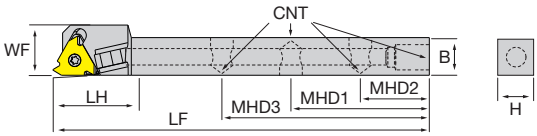
SORMA | IT
INDEXABLE TOOLS - NIKKO

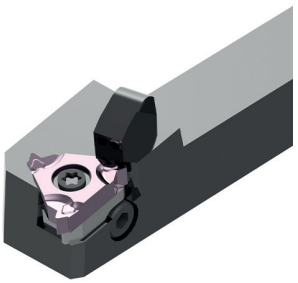
SE J CH

COOL holders

- External threading holder
- Insert tool life significantly extended
- Suggested coolant pressure: 70 – 120 Bar
- KAPR 30°

H=B Right-hand shown









Designation	H	B	WF	LF	LH	MHD1	MHD2	MHD3	CNT	MIID	Stock
RIGHT-HAND WITHOUT OFFSET											
NT-SER1212JX16N-CH	12	12	12	120	25	50	25	65	5/16"-UNF24	16ER	●
NT-SER1616JX16N-CH	16	16	16	120	25	50	25	65	PT 1/8"	16ER	●

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

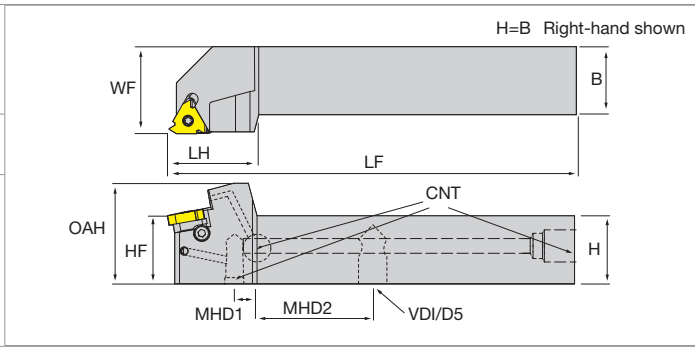
Spare parts	Flag wrench	Screw	Wrench	Shim	Coolant plug
					
NT-SER1212JX16○-CH	NT-FT15	NT-ST35120T15 / NT-SC003	NT-WR025	NT-SH060	NT-JS003
NT-SER1616JX16○-CH	NT-FT15	NT-ST35120T15 / NT-SC003	NT-WR025	NT-SH060	NT-JS002

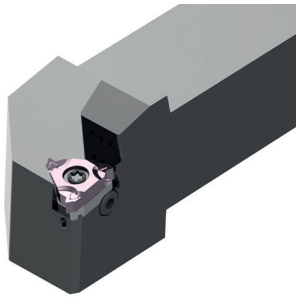
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INDEXABLE TOOLS - NIKKO

SE CH

COOL holders

- Effective chip breaking and chip control
- Insert tool life significantly extended
- Suggested coolant pressure: 70 – 120 Bar
- KAPR 30°









Designation	H	WF	LF	LH	OAH	MHD1	MHD2	HF	CNT	MIID	Stock
RIGHT-HAND											
NT-SER2525M16-CH	25	32	150	33	37	9	23	25	PT 1/8"	16ER	●

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

Spare parts	Flag wrench	Screw	Wrench	Shim	Coolant plug
					
NT-SER2525M16○-CH	NT-FT15	NT-ST35120T15 / NT-SC003	NT-WR025	NT-SH060	NT-JS002

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Join/Banjo Bolt (connect to the turret of lathe)	Item No.	Th
	**NT-JNT 1/8-STR**	R 1/8-G1/8
	**NT-JNT 1/8-ANG**	R 1/8-G1/8

Joint (connect to the turning holder)	Item No.	Th
	**NT-QCC 1/8-F**	R 1/8
	**NT-QCC 1/8-M**	Rc 1/8

Coolant hose	Item No.	CNT	LF
	**NT-HPH 1/8-200**	G 1/8	200
	NT-HPH 1/8-300	G 1/8	300
	NT-HPH 1/8-400	G 1/8	400

SORMA
DIAMOND & CUTTING TOOLS

Sorma S.p.A. Socio Unico / Via Don F. Tosatto, 8 / 30174 Mestre - Venezia
+39 041.959179 / info@sorma.net
www.sorma.net

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