

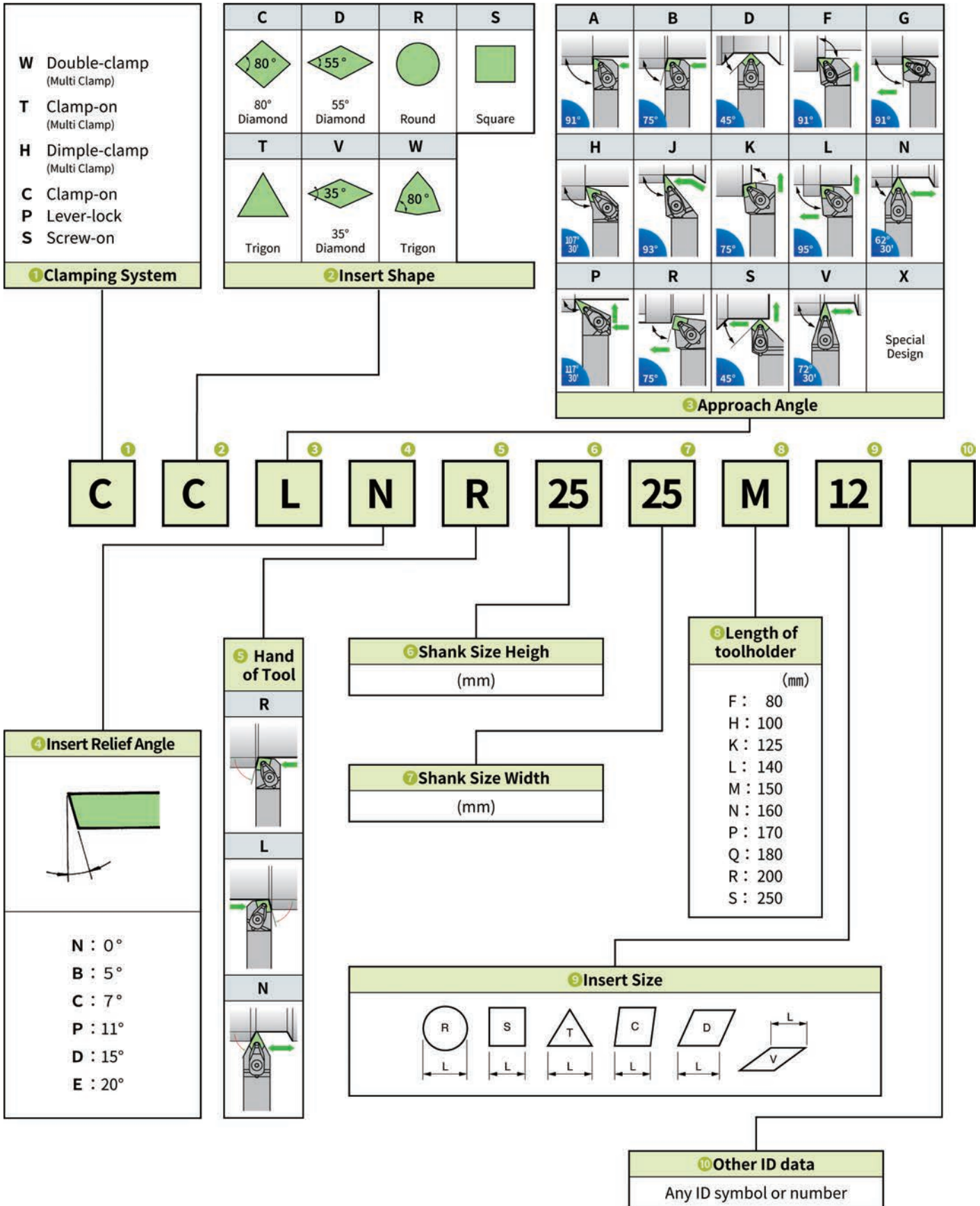
General Turning Toolholders

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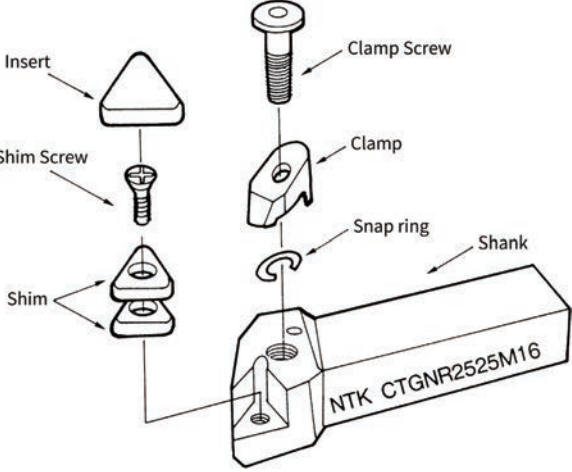
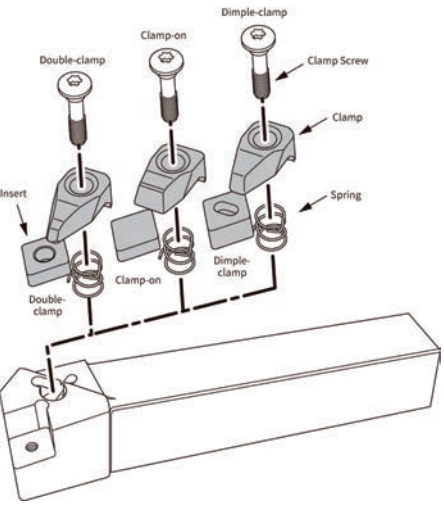
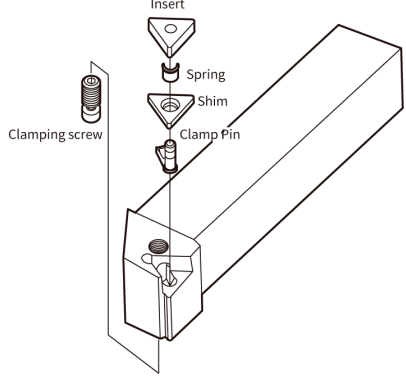
Selection Guide

Lead Angle (KAPR)		95°	75° (Using 100° Corner)	75°	60°	75°	91°	91°
Tooling								
Insert shape		CNGN/CNGX/CNGA 	CNGN/CNGA 		TNGN/TNGA 			
Perfect for Ceramic Insert	Multi Clamp	WCLN/TCLN/HCLN →E5	WCBN/TCBN →E7				WTGN/TTGN →E36	WTFN/TTFN →E36
	Clamp On	CCLN/C31 →E5,E7	CCBN →E8	CCKN →E8	C24 →E39	C23 →E39	C21/C22 →E37	C25 →E38
For Insert in General	Lever Lock	PCLN →E6						
Lead Angle (KAPR)		60°	75°	75°	85°	85°	45°	45°
Tooling								
Insert shape		SNGA/SNGN 				SNGA/SNGX/SNGN 		
Perfect for Ceramic Insert	Multi Clamp						WSSN/TSSN/HSSN →E21	WSDN/TSDN/HSDN →E21
	Clamp On	C13 →E24	C15 →E25	C11/C16 →E25,E26	C17 →E26	CSHN →E27	CSSN/C12 →E22,E23	CSDN/C14 →E22,E23
For Insert in General	Lever Lock			PSBN →E24				PSDN →E22
Lead Angle (KAPR)		93°	107°30'	62°30'	93°	117°30'	72°30'	95°
Tooling								
Insert shape		DNGA/DNGX 		VNGA/VNGX 		WNGA 		
Perfect for Ceramic Insert	Multi Clamp	WDJN/HDJN →E14	WDHN/HDHN →E15	WDNN/HDNN →E16	WVJN/HVJN →E32	WVPN/HVPN →E32	WVNN/HVNN →E33	WWLN/WWLN-2 →E45
	Clamp On							
For Insert in General	Lever Lock	PDJN →E15						
Lead Angle (KAPR)		-	-	-	-	-	-	-
Tooling								
Insert shape		RGN 	RCGY 	RCGX/RPGX 	CDH 	TSN 		
Perfect for Ceramic Insert	Multi Clamp	CRDNN/C54 →E47,E48	CRGN/C55 →E47,E48	CRXC →E57	CRDCN →E52	HN..ATS/BTS →E58		
	Clamp On					HRCD →E51		
	Blade				GTWP →E53 GKWP →E54			

Holder Identification System

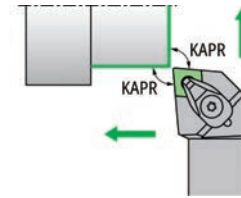
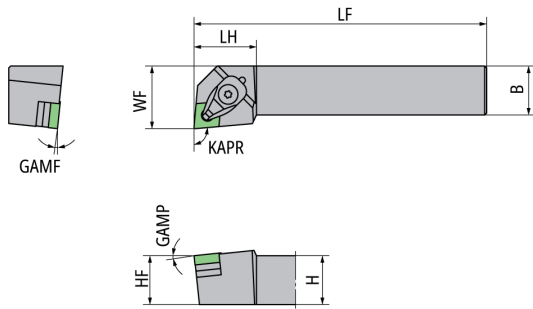


Parts and Features of NTK Toolholders for General Turning

Series	Parts	Features
C type : Clamp-on		<ul style="list-style-type: none"> • Secures the insert with high clamping force • Excellent in indexing accuracy • Suitable for heavy-duty applications including interrupted cut machining • Clamping system for ceramic cutting tools
W type : Double-clamp	<div style="text-align: center; background-color: red; color: white; padding: 5px; border-radius: 10px; display: inline-block;">Multi-clamp holder</div> 	<ul style="list-style-type: none"> • Shim screw clamping methods can be utilized by a simple clamp shim • Best for ceramic tools, improved system with stronger and more accurate clamping • Prevents insert breakage by optimizing the clamping force • Allows for highly accurate machining with highly repeatable accuracy • Inserts can be easily changed as clamping is possible from the top and bottom of the tool • Recommended Tightening Torque For LLR-T20 3.0Nm : Double-clamp 7.5Nm : Clamp-on, Dimple-clamp For LLR-T15 5.0Nm
T type : Clamp-on		
H type : Dimple-clamp		
P type : Lever lock		<ul style="list-style-type: none"> • General-purpose toolholder • Allows for smooth chip control without damaging the clamping mechanism • For inserts of all material grades however not recommended for ceramics

CN..series/Toolholders

WCLN/TCLN/HCLN Multi Clamp Toolholders



● Diagram shows right-hand tool

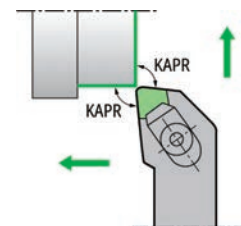
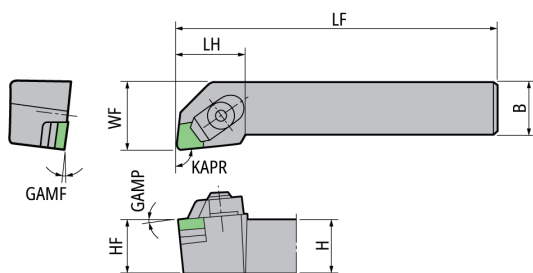
EDP	Item Number	Stock	Hand	B mm	GAMF °	GMAP °	H mm	HF mm	KAPR °	LF mm	LH mm	WF mm	Insert Gage
5682570	WCLNR2525M12	●	R	25	6	6	25	25	95	150	32	32	CN..1204.. (CN..1207..)
5682604	WCLNR3225P12	●	R	25	6	6	32	32	95	170	32	32	CN..1204.. (CN..1207..)
5682588	WCLNL2525M12	●	L	25	6	6	25	25	95	150	32	32	CN..1204.. (CN..1207..)
5682612	WCLNL3225P12	●	L	25	6	6	32	32	95	170	32	32	CN..1204.. (CN..1207..)
5701610	TCLNR2525M12	●	R	25	6	6	25	25	95	150	32	32	CN..1204.. (CN..1207..)
5701131	TCLNR3225P12	●	R	25	6	6	32	32	95	170	32	32	CN..1204.. (CN..1207..)
5701628	TCLNL2525M12	●	L	25	6	6	25	25	95	150	32	32	CN..1204.. (CN..1207..)
5701636	TCLNL3225P12	●	L	25	6	6	32	32	95	170	32	32	CN..1204.. (CN..1207..)
5701149	HCLNR2525M12	●	R	25	6	6	25	25	95	150	32	32	CNGX1207.. -
5701875	HCLNR3225P12	●	R	25	6	6	32	32	95	170	32	32	CNGX1207.. -
5701156	HCLNL2525M12	●	L	25	6	6	25	25	95	150	32	32	CNGX1207.. -
5701883	HCLNL3225P12	●	L	25	6	6	32	32	95	170	32	32	CNGX1207.. -

General Turning
Toolholders

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Clamp screw)	Wrench (for Shim)	Spring
WCLNR2525M12	DC6CN	ACN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
WCLNR3225P12	DC6CN	ACN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
WCLNL2525M12	DC6CN	ACN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
WCLNL3225P12	DC6CN	ACN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
TCLNR2525M12	TC6CN	ACN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
TCLNR3225P12	TC6CN	ACN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
TCLNL2525M12	TC6CN	ACN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
TCLNL3225P12	TC6CN	ACN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
HCLNR2525M12	HC6CN	ACN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
HCLNR3225P12	HC6CN	ACN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
HCLNL2525M12	HC6CN	ACN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
HCLNL3225P12	HC6CN	ACN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D

CCLN



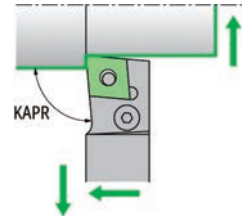
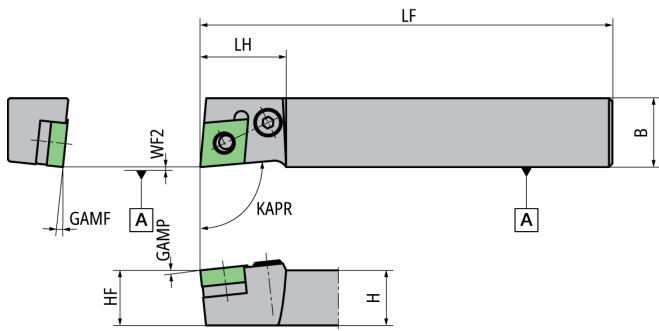
● Diagram shows right-hand tool

EDP	Item Number	Stock	Hand	B mm	GAMF °	GMAP °	H mm	HF mm	KAPR °	LF mm	LH mm	WF mm	Insert Gage
5700315	CCLNR3225P12	●	R	25	6	6	32	32	95	170	32	32	CN..1204.. (CN..1207..)
5700299	CCLNL3225P12	●	L	25	6	6	32	32	95	170	32	32	CN..1204.. (CN..1207..)

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Clamp screw)	Snap
CCLNR3225P12	CC08M	ACN422	BS0835W	M3*12	LW-4	SR08
CCLNL3225P12	CC08M	ACN422	BS0835W	M3*12	LW-4	SR08

PCLN-N



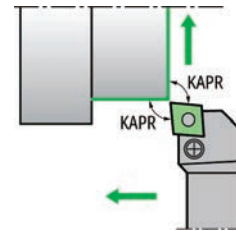
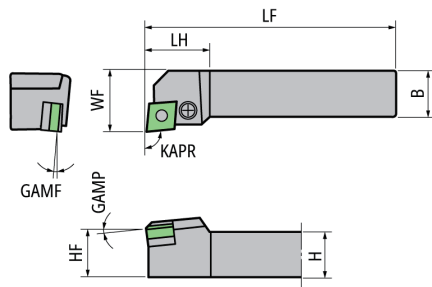
● Diagram shows right-hand tool

EDP	Item Number	Stock	Hand	B mm	GAMF °	GMAP °	H mm	HF mm	KAPR °	LF mm	LH mm	WF2 mm	Insert Gage
5259056	PCLNR1620X43N	●	R	20	6	6	16	16	95	120	25	0	CN..1204..

Spare Parts

Item Number	Shim	Clamp screw	Wrench (for Clamp screw)	Clamp Pin	Spring
PCLNR1620X43N	LSC42	LCS4CA	LW-3	LCL4	LSP4

PCLN



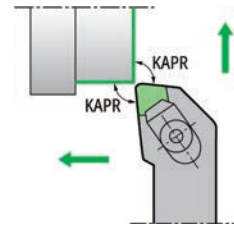
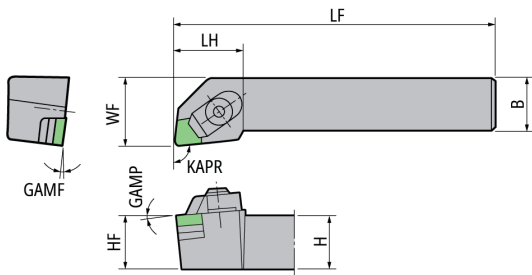
● Diagram shows right-hand tool

EDP	Item Number	Stock	Hand	B mm	GAMF °	GMAP °	H mm	HF mm	KAPR °	LF mm	LH mm	WF mm	Insert Gage
5321997	PCLNR2020K43	●	R	20	6	6	20	20	95	125	28	25	CN..1204..
5322011	PCLNR2525M43	●	R	25	6	6	25	25	95	150	28	32	CN..1204..
5322003	PCLNL2020K43	●	L	20	6	6	20	20	95	125	28	25	CN..1204..
5322029	PCLNL2525M43	●	L	25	6	6	25	25	95	150	28	32	CN..1204..

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Wrench (for Clamp screw)	Clamp Pin	Spring
PCLNR2020K43	-	LSC42	LCS4	LW-3	LCL4	LSP4
PCLNR2525M43	-	LSC42	LCS4	LW-3	LCL4	LSP4
PCLNL2020K43	-	LSC42	LCS4	LW-3	LCL4	LSP4
PCLNL2525M43	-	LSC42	LCS4	LW-3	LCL4	LSP4

C31



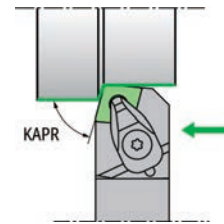
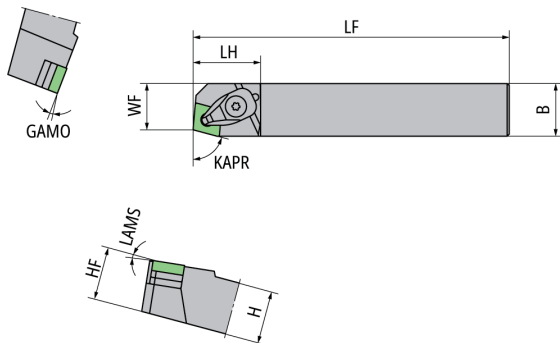
● Diagram shows right-hand tool

EDP	Item Number	Stock	Hand	B mm	GAMF °	GMAP °	H mm	HF mm	KAPR °	LF mm	LH mm	WF mm	Insert Gage	
5538301	C31R-44	●	R	25	6	6	25	25	95	160	32	32	CN..1204..	(CN..1207..)
5601422	C31R-45	●	R	25	6	6	32	32	95	160	32	32	CN..1204..	(CN..1207..)
5538293	C31L-33	●	L	19	6	6	19	19	95	140	32	25	CN..1204..	-
5538319	C31L-44	●	L	25	6	6	25	25	95	160	32	32	CN..1204..	(CN..1207..)
5601430	C31L-45	●	L	25	6	6	32	32	95	160	32	32	CN..1204..	(CN..1207..)

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for Clamp)	Wrench (for Shim)	Snap
C31R-44	CC08M	ACN422	BS0835W	M3*12	LW-4	SR08
C31R-45	CC08M	ACN422	BS0835W	M3*12	LW-4	SR08
C31L-33	CC08M	ACN422	BS0829W	M3*12	LW-4	SR08
C31L-44	CC08M	ACN422	BS0835W	M3*12	LW-4	SR08
C31L-45	CC08M	ACN422	BS0835W	M3*12	LW-4	SR08

WCBN/TCBN Multi Clamp Toolholders



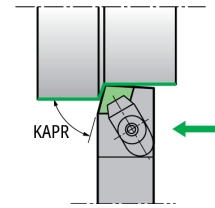
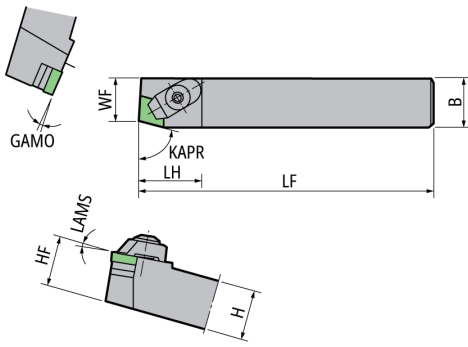
● Diagram shows right-hand tool

EDP	Item Number	Stock	Hand	B mm	GAMO °	H mm	HF mm	KAPR °	LAMS °	LF mm	LH mm	WF mm	Insert Gage	
5682620	WCBNR2525M12	●	R	25	6	25	25	75	6	150	32	22	CN..1204..	(CN..1207..)
5682638	WCBNL2525M12	●	L	25	6	25	25	75	6	150	32	22	CN..1204..	(CN..1207..)
5701644	TCBNR2525M12	●	R	25	6	25	25	75	6	150	32	22	CN..1204..	(CN..1207..)
5701651	TCBNL2525M12	●	L	25	6	25	25	75	6	150	32	22	CN..1204..	(CN..1207..)

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Clamp screw)	Wrench (for Shim)
WCBNR2525M12	DC6CN	ACN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10
WCBNL2525M12	DC6CN	ACN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10
TCBNR2525M12	TC6CN	ACN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10
TCBNL2525M12	TC6CN	ACN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10

CCBN



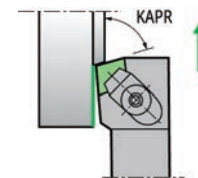
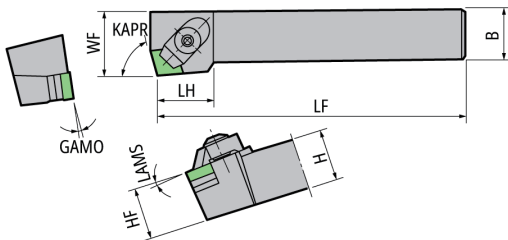
● Diagram shows right-hand tool

EDP	Item Number	Stock	Hand	B mm	GAMO °	H mm	HF mm	KAPR °	LAMS °	LF mm	LH mm	WF mm	Insert Gage
5830617	CCBNR2525M12	●	R	25	6	25	25	75	6	150	32	22	CN..1204.. (CN..1207..)

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Clamp screw)	Snap
CCBNR2525M12	CC08M	ACN422	BS0835W	M3*12	LW-4	SR08

CCKN



● Diagram shows right-hand tool

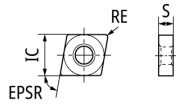
EDP	Item Number	Stock	Hand	B mm	GAMO °	H mm	HF mm	KAPR °	LAMS °	LF mm	LH mm	WF mm	Insert Gage
5613690	CCKNR2525M12	●	R	25	6	25	25	75	6	150	30	32	CN..1204.. (CN..1207..)

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Clamp screw)	Snap
CCKNR2525M12	CC08M	ACN422	BS0835W	M3*12	LW-4	SR08

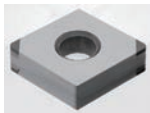
CN.. series/Inserts CBN

CNGA



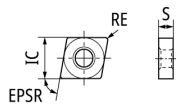
Steel	
Stainless Steel	
Cast Iron	● ● ● ● ○ ○
Non-Ferrous Material	
Heat Resistant Alloy	
Hardened Material	● ● ● ● ●
Others (non-metallic)	

Shape	Item Number (ISO)	CECC	EPSR °	IC mm	S mm	AN °	RE mm	D2 mm	Length of edge	No. of edge	S1 mm	CBN										
												B16 PVD	B22	B23	B30	B36	B6K PVD	B40	B52	B5K PVD		
	CNGA120402PQS01015	S01015	80	12.7	4.76	-	0.2	-	2.3	4	-											
	CNGA120402PQS01325	S01325	80	12.7	4.76	-	0.2	-	2.3	4	-											
	CNGA120402PQS01535	S01535	80	12.7	4.76	-	0.2	-	2.3	4	-											
	CNGA120402PQT01020	T01020	80	12.7	4.76	-	0.2	-	2.3	4	-											
	CNGA120404PDFNX	Up-sharp edge	80	12.7	4.76	-	0.4	-	2.3	2	-											
	CNGA120404PQFNX	Up-sharp edge	80	12.7	4.76	-	0.4	-	2.3	4	-											
	CNGA120404PQS01015	S01015	80	12.7	4.76	-	0.4	-	2.3	4	-											
	CNGA120404PQS01020	S01020	80	12.7	4.76	-	0.4	-	2.3	4	-											
	CNGA120404PQS01325	S01325	80	12.7	4.76	-	0.4	-	2.3	4	-											
	CNGA120404PQS01535	S01535	80	12.7	4.76	-	0.4	-	2.3	4	-											
	CNGA120404PQT01020	T01020	80	12.7	4.76	-	0.4	-	2.3	4	-											
	CNGA120408PDFNX	Up-sharp edge	80	12.7	4.76	-	0.8	-	2.2	2	-											
	CNGA120408PQFNX	Up-sharp edge	80	12.7	4.76	-	0.8	-	2.2	4	-											
	CNGA120408PQS01015	S01015	80	12.7	4.76	-	0.8	-	2.2	4	-											
	CNGA120408PQS01020	S01020	80	12.7	4.76	-	0.8	-	2.2	4	-											
	CNGA120408PQS01325	S01325	80	12.7	4.76	-	0.8	-	2.2	4	-											
	CNGA120408PQS01535	S01535	80	12.7	4.76	-	0.8	-	2.2	4	-											
	CNGA120408PQT00515	T00515	80	12.7	4.76	-	0.8	-	2.2	4	-											
	CNGA120408PQT01020	T01020	80	12.7	4.76	-	0.8	-	2.2	4	-											
	CNGA120412PDFNX	Up-sharp edge	80	12.7	4.76	-	1.2	-	2.7	2	-											
	CNGA120412PQFNX	Up-sharp edge	80	12.7	4.76	-	1.2	-	2.7	4	-											
	CNGA120412PQS01015	S01015	80	12.7	4.76	-	1.2	-	2.7	4	-											
	CNGA120412PQS01020	S01020	80	12.7	4.76	-	1.2	-	2.7	4	-											
	CNGA120412PQS01325	S01325	80	12.7	4.76	-	1.2	-	2.7	4	-											
	CNGA120412PQS01535	S01535	80	12.7	4.76	-	1.2	-	2.7	4	-											
	CNGA120412PQT00515	T00515	80	12.7	4.76	-	1.2	-	2.7	4	-											
	CNGA120412PQT01020	T01020	80	12.7	4.76	-	1.2	-	2.7	4	-											
	CNGA120416PQS01015	S01015	80	12.7	4.76	-	1.6	-	2.6	4	-											
	CNGA120416PQS01020	S01020	80	12.7	4.76	-	1.6	-	2.6	4	-											
	CNGA120416PQS01325	S01325	80	12.7	4.76	-	1.6	-	2.6	4	-											
	CNGA120416PQS01535	S01535	80	12.7	4.76	-	1.6	-	2.6	4	-											
	CNGA120416PQT01020	T01020	80	12.7	4.76	-	1.6	-	2.6	4	-											
	CNGA120420PQS01015	S01015	80	12.7	4.76	-	2	-	2.6	4	-											
	CNGA120420PQS01020	S01020	80	12.7	4.76	-	2	-	2.6	4	-											
	CNGA120420PQS01325	S01325	80	12.7	4.76	-	2	-	2.6	4	-											
	CNGA120420PQS01535	S01535	80	12.7	4.76	-	2	-	2.6	4	-											
	CNGA120420PQT01020	T01020	80	12.7	4.76	-	2	-	2.6	4	-											



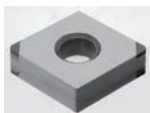
General Turning
Toolholders
U1

CNGA-W with wiper for higher feed



Steel	
Stainless Steel	
Cast Iron	● ● ● ● ○ ○
Non-Ferrous Material	
Heat Resistant Alloy	
Hardened Material	● ● ● ● ●
Others (non-metallic)	

Shape	Item Number (ISO)	CECC	EPSR °	IC mm	S mm	AN °	RE mm	D2 mm	Length of edge	No. of edge	S1 mm	CBN										
												B16 PVD	B22	B23	B30	B36	B6K PVD	B40	B52	B5K PVD		
	CNGA120404PQWS01015	S01015	80	12.7	4.76	-	0.4	-	2.3	4	-											
	CNGA120404PQWS01535	S01535	80	12.7	4.76	-	0.4	-	2.3	4	-											
	CNGA120408PQWS01015	S01015	80	12.7	4.76	-	0.8	-	2.2	4	-											
	CNGA120408PQWS01535	S01535	80	12.7	4.76	-	0.8	-	2.2	4	-											
	CNGA120412PQWS01015	S01015	80	12.7	4.76	-	1.2	-	2.7	4	-											
	CNGA120412PQWS01535	S01535	80	12.7	4.76	-	1.2	-	2.7	4	-											

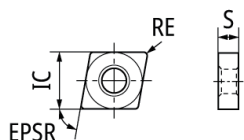


Wiper Width: 0.25mm

Applicable holders: 95°cutting edge angle (C31, CCLN).

CN.. series/Inserts PCD / Diamond Coating

CNM.

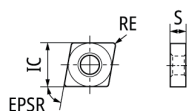


Steel										
Stainless Steel										
Cast Iron										
Non-Ferrous Material	●	●	●							
Heat Resistant Alloy										
Hardened Material										
Others (non-metallic)										●

Shape	Item Number (ISO)	CECC	EPSR °	IC mm	S mm	AN °	RE mm	No. of edge	PCD		Diamond Coating
									PD1	PD2	UC1
	CNMG120404FNZP	Up-sharp edge	80	12.7	4.76	-	0.4	4			●
	CNMG120408FNZP	Up-sharp edge	80	12.7	4.76	-	0.8	4			●
	CNMX120404PF	Up-sharp edge	80	12.7	4.76	-	0.4	1		●	
	CNMX120408PF	Up-sharp edge	80	12.7	4.76	-	0.8	1		●	

CN.. series/Inserts Carbide

CN..



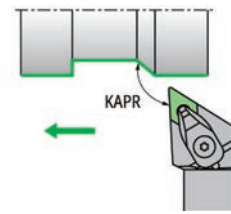
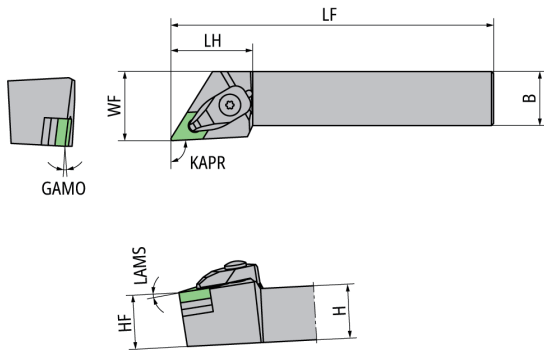
Steel	○	●	●	●	●	●	●	●	●	●
Stainless Steel	●	○	○	○	●	○	●	●	●	●
Cast Iron										●
Non-Ferrous Material								○	○	●
Heat Resistant Alloy		●	○	○						
Hardened Material		○	○	○						
Others (non-metallic)										●

Shape	Item Number (ISO)	CECC	EPSR °	IC mm	S mm	AN °	RE mm	BS mm	Carbide										
									PVD ST4	PVD DM4	PVD DT4	PVD QM3	PVD TM4	PVD VM1	PVD ZM3	CVD CP1	CVD CP7	Uncoated KM1	
	CNGG120404FNUL	Up-sharp edge	80	12.7	4.76	-	0.4	-		●	●	●							
	CNGG120408FNUL	Up-sharp edge	80	12.7	4.76	-	0.8	-		●	●	●							
	CNGG120404FNZP	Up-sharp edge	80	12.7	4.76	-	0.4	-		●	●				●				
	CNGG120408FNZP	Up-sharp edge	80	12.7	4.76	-	0.8	-		●	●				●				
	CNMG120408T00525Z5	T00525	80	12.7	4.76	-	0.8	-		●	●								
	CNMG120408G	-	80	12.7	4.76	-	0.8	-											●
	CNMG120412G	-	80	12.7	4.76	-	1.2	-											●
	CNMG120416G	-	80	12.7	4.76	-	1.6	-											●

General Turning Toolholders

DN.. series/Toolholders

WDJN/HDJN Multi Clamp Toolholders



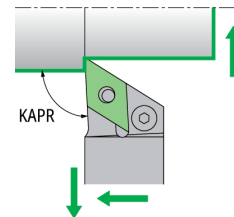
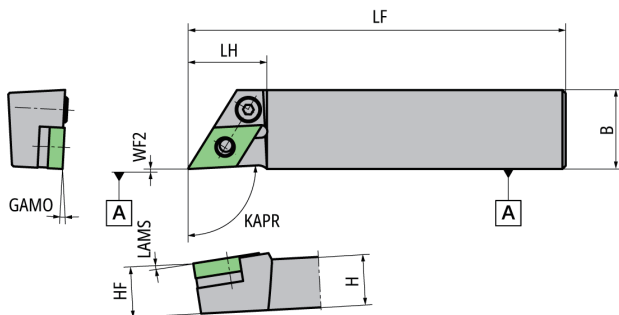
● Diagram shows right-hand tool

EDP	Item Number	Stock	Hand	B mm	GAMO °	H mm	HF mm	KAPR °	LAMS °	LF mm	LH mm	WF mm	Insert Gage
5682729	WDJNR2525M15	●	R	25	6	25	25	93	6	150	38	32	DN..1504.. (DN..1507..)
5682745	WDJNR3225P15	●	R	25	6	32	32	93	6	170	38	32	DN..1504.. (DN..1507..)
5682737	WDJNL2525M15	●	L	25	6	25	25	93	6	150	38	32	DN..1504.. (DN..1507..)
5682752	WDJNL3225P15	●	L	25	6	32	32	93	6	170	38	32	DN..1504.. (DN..1507..)
5701263	HDJNR2525M15	●	R	25	6	25	25	93	6	150	38	32	DNGX1507.. -
5701289	HDJNR3225P15	●	R	25	6	32	32	93	6	170	38	32	DNGX1507.. -
5701271	HDJNL2525M15	●	L	25	6	25	25	93	6	150	38	32	DNGX1507.. -
5701297	HDJNL3225P15	●	L	25	6	32	32	93	6	170	38	32	DNGX1507.. -

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for shim)	Wrench (for Clamp screw)	Wrench (for shim)	Spring
WDJNR2525M15	DC6DN	ADN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
WDJNR3225P15	DC6DN	ADN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
WDJNL2525M15	DC6DN	ADN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
WDJNL3225P15	DC6DN	ADN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
HDJNR2525M15	HC6DN	ADN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
HDJNR3225P15	HC6DN	ADN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
HDJNL2525M15	HC6DN	ADN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
HDJNL3225P15	HC6DN	ADN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D

PDJN-N



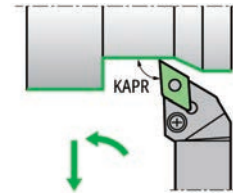
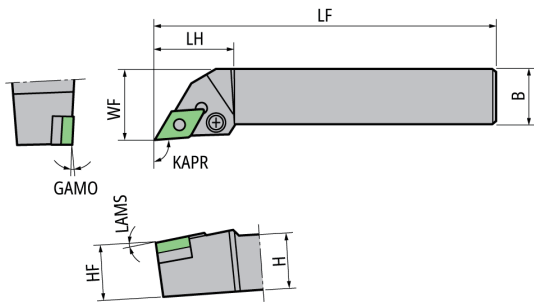
● Diagram shows right-hand tool

EDP	Item Number	Stock	Hand	B mm	GAMO °	H mm	HF mm	KAPR °	LAMS °	LF mm	LH mm	WF2 mm	Insert Gage
5259072	PDJNR1625X43N	●	R	25	6	16	16	93	6	120	25	0	DN..1504..

Spare Parts

Item Number	Shim	Clamp screw	Wrench (for Clamp)	Clamp Pin	Spring
PDJNR1625X43N	LSD42	LCS4CA	LW-3	LCL4	LSP4

PDJN



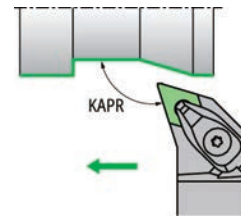
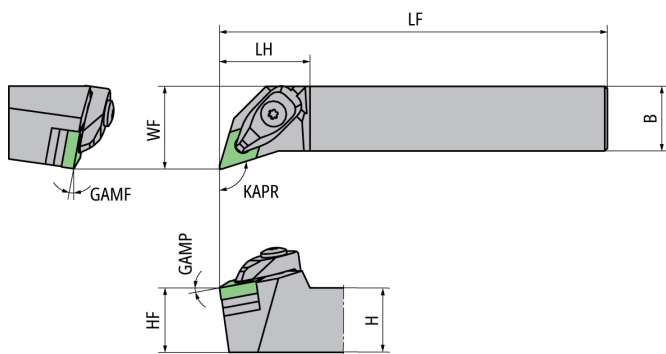
● Diagram shows right-hand tool

EDP	Item Number	Stock	Hand	B mm	GAMO °	H mm	HF mm	KAPR °	LAMS °	LF mm	LH mm	WF mm	Insert Gage
5322037	PDJNR2020K43	●	R	20	6	20	20	93	6	125	32	25	DN..1504..
5682463	PDJNR2525M43	●	R	25	6	25	25	93	6	150	32	32	DN..1504..
5322045	PDJNL2020K43	●	L	20	6	20	20	93	6	125	32	25	DN..1504..

Spare Parts

Item Number	Shim	Clamp screw	Wrench (for Clamp)	Clamp Pin	Spring
PDJNR2020K43	LSD42	LCS4	LW-3	LCL4	LSP4
PDJNR2525M43	LSD42	LCS4	LW-3	LCL4	LSP4
PDJNL2020K43	LSD42	LCS4	LW-3	LCL4	LSP4

WDHN/HDHN Multi Clamp Toolholders



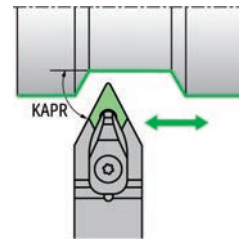
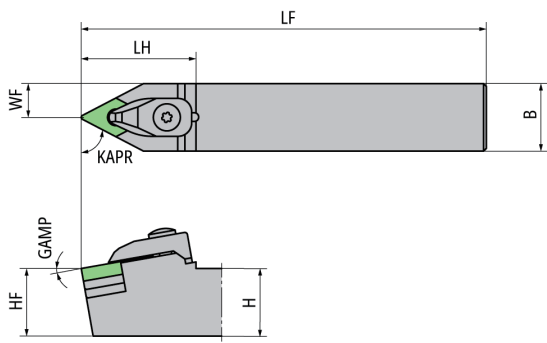
● Diagram shows right-hand tool

EDP	Item Number	Stock	Hand	B mm	GAMF °	GMAP °	H mm	HF mm	KAPR °	LF mm	LH mm	WF mm	Insert Gage
5682778	WDHNR2525M15	●	R	25	8	8	25	25	107.5	150	35	32	DN..1504.. (DN..1507..)
5682786	WDHNL2525M15	●	L	25	8	8	25	25	107.5	150	35	32	DN..1504.. (DN..1507..)
5701313	HDHNR2525M15	●	R	25	8	8	25	25	107.5	150	35	32	DNGX1507.. -
5701321	HDHNL2525M15	●	L	25	8	8	25	25	107.5	150	35	32	DNGX1507.. -

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Clamp screw)	Wrench (for Shim)	Spring
WDHNR2525M15	DC6DN	ADN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
WDHNL2525M15	DC6DN	ADN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
HDHNR2525M15	HC6DN	ADN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
HDHNL2525M15	HC6DN	ADN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D

WDNN/HDNN Multi Clamp Toolholders



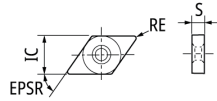
EDP	Item Number	Stock	Hand	B mm	GMAP °	H mm	HF mm	KAPR °	LF mm	LH mm	WF mm	Insert Gage	
5682760	WDNNN2525M15	●	N	25	10	25	25	62.5	150	42.5	12.5	DN..1504..	(DN..1507..)
5701305	HDNNN2525M15	●	N	25	10	25	25	62.5	150	42.5	12.5	DNGX1507..	-

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Clamp screw)	Wrench (for Shim)	Spring
WDNNN2525M15	DC6DN	ADN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
HDNNN2525M15	HC6DN	ADN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D

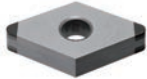
DN.. series/Inserts CBN

DNGA



Steel	
Stainless Steel	
Cast Iron	● ● ● ● ○ ○
Non-Ferrous Material	
Heat Resistant Alloy	
Hardened Material	● ● ● ● ●
Others (non-metallic)	

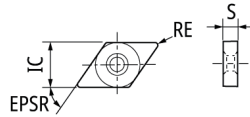
Shape	Item Number (ISO)	CECC	EPSR °	IC mm	S mm	AN °	RE mm	D2 mm	Length of edge	No. of edge	S1 mm	CBN									
												B16 PVD	B22	B23	B30	B36	B6K PVD	B40	B52	B5K PVD	
	DNGA150402PQS01015	S01015	55	12.7	4.76	-	0.2	-	2.4	4	-								●	●	
	DNGA150402PQS01325	S01325	55	12.7	4.76	-	0.2	-	2.4	4	-								●	●	
	DNGA150402PQS01535	S01535	55	12.7	4.76	-	0.2	-	2.4	4	-								●	●	
	DNGA150402PQT01020	T01020	55	12.7	4.76	-	0.2	-	2.4	4	-										
	DNGA150404PDFNX	Up-sharp edge	55	12.7	4.76	-	0.4	-	2.2	2	-								●		
	DNGA150404PQFNX	Up-sharp edge	55	12.7	4.76	-	0.4	-	2.2	4	-									●	
	DNGA150404PQS01015	S01015	55	12.7	4.76	-	0.4	-	2.2	4	-								●	●	
	DNGA150404PQS01020	S01020	55	12.7	4.76	-	0.4	-	2.2	4	-								●	●	
	DNGA150404PQS01325	S01325	55	12.7	4.76	-	0.4	-	2.2	4	-								●	●	
	DNGA150404PQS01535	S01535	55	12.7	4.76	-	0.4	-	2.2	4	-								●	●	
	DNGA150404PQT01020	T01020	55	12.7	4.76	-	0.4	-	2.2	4	-										
	DNGA150408PDFNX	Up-sharp edge	55	12.7	4.76	-	0.8	-	1.9	2	-								●		
	DNGA150408PQFNX	Up-sharp edge	55	12.7	4.76	-	0.8	-	1.9	4	-									●	
	DNGA150408PQS01015	S01015	55	12.7	4.76	-	0.8	-	1.9	4	-								●	●	
	DNGA150408PQS01020	S01020	55	12.7	4.76	-	0.8	-	1.9	4	-								●	●	
	DNGA150408PQS01325	S01325	55	12.7	4.76	-	0.8	-	1.9	4	-								●	●	
	DNGA150408PQS01535	S01535	55	12.7	4.76	-	0.8	-	1.9	4	-								●	●	
	DNGA150408PQT01020	T01020	55	12.7	4.76	-	0.8	-	1.9	4	-										
	DNGA150412PDFNX	Up-sharp edge	55	12.7	4.76	-	1.2	-	2.6	2	-								●		
	DNGA150412PQFNX	Up-sharp edge	55	12.7	4.76	-	1.2	-	2.6	4	-									●	
	DNGA150412PQS01015	S01015	55	12.7	4.76	-	1.2	-	2.6	4	-								●	●	
	DNGA150412PQS01020	S01020	55	12.7	4.76	-	1.2	-	2.6	4	-								●	●	
	DNGA150412PQS01325	S01325	55	12.7	4.76	-	1.2	-	2.6	4	-								●	●	
	DNGA150412PQS01535	S01535	55	12.7	4.76	-	1.2	-	2.6	4	-								●	●	
	DNGA150412PQT01020	T01020	55	12.7	4.76	-	1.2	-	2.6	4	-										
	DNGA150416PQS01015	S01015	55	12.7	4.76	-	1.6	-	2.2	4	-								●	●	
	DNGA150416PQS01020	S01020	55	12.7	4.76	-	1.6	-	2.2	4	-								●	●	
	DNGA150416PQS01325	S01325	55	12.7	4.76	-	1.6	-	2.2	4	-								●	●	
	DNGA150416PQS01535	S01535	55	12.7	4.76	-	1.6	-	2.2	4	-								●	●	
	DNGA150416PQT01020	T01020	55	12.7	4.76	-	1.6	-	2.2	4	-										
	DNGA150420PQS01015	S01015	55	12.7	4.76	-	2	-	2.4	4	-								●		
	DNGA150420PQS01325	S01325	55	12.7	4.76	-	2	-	2.4	4	-								●	●	
	DNGA150420PQS01535	S01535	55	12.7	4.76	-	2	-	2.4	4	-									●	



General Turning
Toolholders

DN.. series/Inserts PCD / Diamond Coating

DNMX

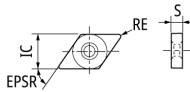


Steel									
Stainless Steel									
Cast Iron									
Non-Ferrous Material	●	●	●						
Heat Resistant Alloy									
Hardened Material									
Others (non-metallic)									●

Shape	Item Number (ISO)	CECC	EPSR °	IC mm	S mm	AN °	RE mm	No. of edge	PCD		Diamond Coating
									PD1	PD2	UC1
	DNMX150404PF	Up-sharp edge	55	12.7	4.76	-	0.4	1		●	
	DNMX150408PF	Up-sharp edge	55	12.7	4.76	-	0.8	1		●	

DN.. series/Inserts Carbide

DN..



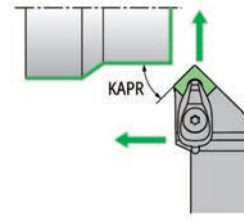
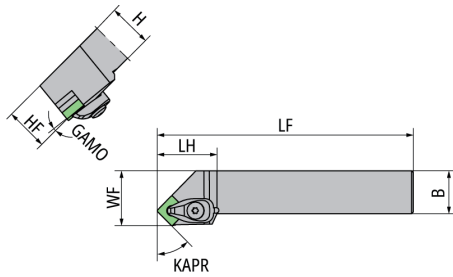
Steel	○	●	●	●	●	●	●	●	●
Stainless Steel	●	○	○	○	●	○	●	●	●
Cast Iron									●
Non-Ferrous Material							○	○	●
Heat Resistant Alloy		●	○	○					
Hardened Material		○	○	○					
Others (non-metallic)									●

Shape	Item Number (ISO)	CECC	EPSR °	IC mm	S mm	AN °	RE mm	BS mm	Carbide											
									PVD ST4	PVD DM4	PVD DT4	PVD QM3	PVD TM4	PVD VM1	PVD ZM3	CVD CP1	CVD CP7	Uncoated KM1		
	DNGG150404FNZP	Up-sharp edge	55	12.7	4.76	-	0.4	-		●	●									
	DNGG150408FNZP	Up-sharp edge	55	12.7	4.76	-	0.8	-		●	●									
	DNMG150408T00525Z5	T00525	55	12.7	4.76	-	0.8	-		●	●									
	DNMG150404TNG	T01025	55	12.7	4.76	-	0.4	-			●									
	DNMG150404G	-	55	12.7	4.76	-	0.4	-												●
	DNMG150408G	-	55	12.7	4.76	-	0.8	-												●
	DNMG150412G	-	55	12.7	4.76	-	1.2	-												●

General Turning
Toolholders
U1

SN..series/Toolholders

WSSN/TSSN/HSSN Multi Clamp Toolholders



● Diagram shows right-hand tool

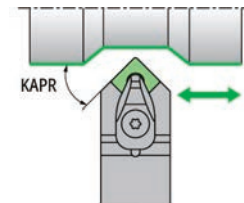
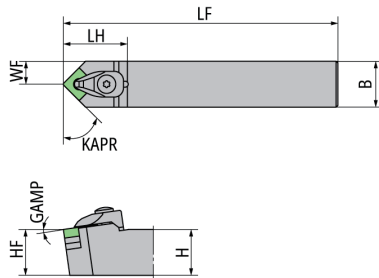
EDP	Item Number	Stock	Hand	B mm	GAMO °	H mm	HF mm	KAPR °	LF mm	LH mm	WF mm	Insert Gage
5682901	WSSNR2525M12	●	R	25	8	25	25	45	150	35	32	SN..1204.. (SN..1207..)
5682919	WSSNL2525M12	●	L	25	8	25	25	45	150	35	32	SN..1204.. (SN..1207..)
5701768	TSSNR2525M12	●	R	25	8	25	25	45	150	35	32	SN..1204.. (SN..1207..)
5701776	TSSNL2525M12	●	L	25	8	25	25	45	150	35	32	SN..1204.. (SN..1207..)
5701487	HSSNR2525M12	●	R	25	8	25	25	45	150	35	32	SNGX1207.. -
5701495	HSSNL2525M12	●	L	25	8	25	25	45	150	35	32	SNGX1207.. -

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Clamp screw)	Wrench (for Shim)	Spring
WSSNR2525M12	DC6CN	ASN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
WSSNL2525M12	DC6CN	ASN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
TSSNR2525M12	TC6CN	ASN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
TSSNL2525M12	TC6CN	ASN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
HSSNR2525M12	HC6SN	ASN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
HSSNL2525M12	HC6SN	ASN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D

General Turning
Toolholders

WSDN/TSDN/HSDN Multi Clamp Toolholders

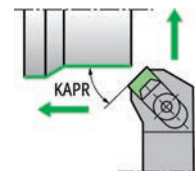
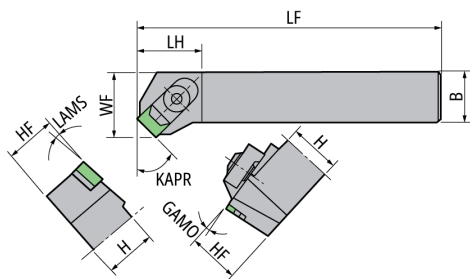


EDP	Item Number	Stock	Hand	B mm	GMAP °	H mm	HF mm	KAPR °	LF mm	LH mm	WF mm	Insert Gage
5682935	WSDNN2525M12	●	N	25	8	25	25	45	150	35	12.5	SN..1204.. (SN..1207..)
5682943	WSDNN3225P12	●	N	25	8	32	32	45	170	35	12.5	SN..1204.. (SN..1207..)
5701784	TSDNN2525M12	●	N	25	8	25	25	45	150	35	12.5	SN..1204.. (SN..1207..)
5701792	TSDNN3225P12	●	N	25	8	32	32	45	170	35	12.5	SN..1204.. (SN..1207..)
5701503	HSDNN2525M12	●	N	25	8	25	25	45	150	35	12.5	SNGX1207.. -
5701511	HSDNN3225P12	●	N	25	8	32	32	45	170	35	12.5	SNGX1207.. -

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Clamp screw)	Wrench (for Shim)	Spring
WSDNN2525M12	DC6SN	ASN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
WSDNN3225P12	DC6SN	ASN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
TSDNN2525M12	TC6SN	ASN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
TSDNN3225P12	TC6SN	ASN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
HSDNN2525M12	HC6SN	ASN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
HSDNN3225P12	HC6SN	ASN423	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D

CSSN



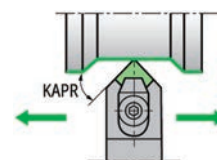
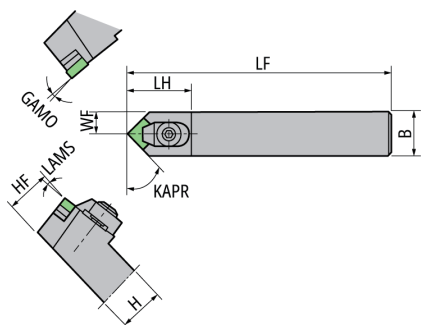
● Diagram shows right-hand tool

EDP	Item Number	Stock	Hand	B mm	GAMO °	H mm	HF mm	KAPR °	LAMS °	LF mm	LH mm	WF mm	Insert Gage
5700448	CSSNL2525M12	●	L	25	8	25	25	45	8	150	31	32	SN..1204.. (SN..1207..)
5857172	CSSNL3225P12	●	L	25	8	32	32	45	8	170	31	32	SN..1204.. (SN..1207..)

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Clamp screw)	Snap
CSSNL2525M12	CC08M	ASN423	BS0835W	M3*12	LW-4	SR08
CSSNL3225P12	CC08M	ASN423	BS0835W	M3*12	LW-4	SR08

CSDNN

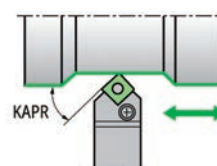
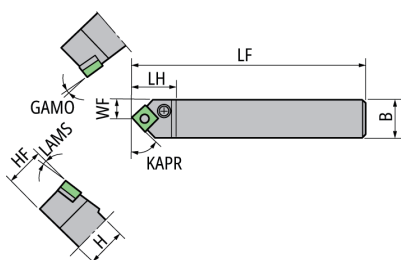


EDP	Item Number	Stock	Hand	B mm	GAMO °	H mm	HF mm	KAPR °	LAMS °	LF mm	LH mm	WF mm	Insert Gage
5700349	CSDNN2525M12	●	N	25	6	25	25	45	6	150	35	12.5	SN..1204.. (SN..1207..)

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Clamp screw)	Snap
CSDNN2525M12	CC08M	ASN423	BS0835W	M3*12	LW-4	SR08

PSDN

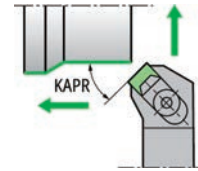
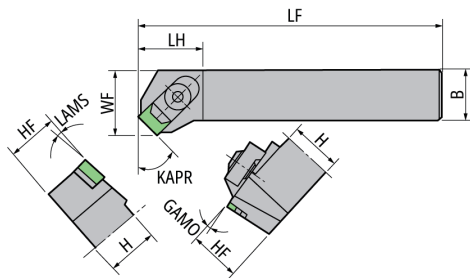


EDP	Item Number	Stock	Hand	B mm	GAMO °	H mm	HF mm	KAPR °	LAMS °	LF mm	LH mm	WF mm	Insert Gage
5523451	PSDNN2020K43	●	N	20	6	20	20	45	6	125	30	10	SN..1204..
5764006	PSDNN2525M43	●	N	25	6	25	25	45	6	150	30	12.5	SN..1204..

Spare Parts

Item Number	Shim	Clamp screw	Wrench (for Clamp screw)	Clamp Pin	Spring
PSDNN2020K43	LSS42	LCS4	LW-3	LCL4	LSP4
PSDNN2525M43	LSS42	LCS4	LW-3	LCL4	LSP4

C12



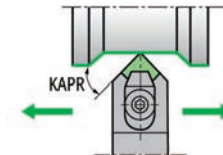
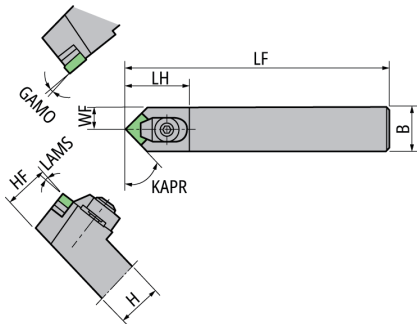
● Diagram shows right-hand tool

EDP	Item Number	Stock	Hand	B mm	GAMO °	H mm	HF mm	KAPR °	LAMS °	LF mm	LH mm	WF mm	Insert Gage
5538178	C12R-33	●	R	19	8	19	19	45	8	140	28	27	SN..1204.. -
5538194	C12R-44	●	R	25	8	25	25	45	8	160	31	35	SN..1204.. (SN..1207..)
5620869	C12R-45	●	R	25	8	32	32	45	8	160	31	35	SN..1204.. (SN..1207..)
5538186	C12L-33	●	L	19	8	19	19	45	8	140	28	27	SN..1204.. -
5538202	C12L-44	●	L	25	8	25	25	45	8	160	31	35	SN..1204.. (SN..1207..)
5637277	C12L-45	●	L	25	8	32	32	45	8	160	31	35	SN..1204.. (SN..1207..)

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Clamp screw)	Snap
C12R-33	CC08MS	ASN423	BS0829W	M3*12	LW-4	SR08
C12R-44	CC08M	ASN423	BS0835W	M3*12	LW-4	SR08
C12R-45	CC08M	ASN423	BS0835W	M3*12	LW-4	SR08
C12L-33	CC08MS	ASN423	BS0829W	M3*12	LW-4	SR08
C12L-44	CC08M	ASN423	BS0835W	M3*12	LW-4	SR08
C12L-45	CC08M	ASN423	BS0835W	M3*12	LW-4	SR08

C14

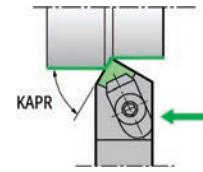
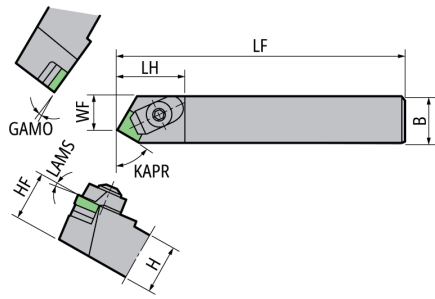


EDP	Item Number	Stock	Hand	B mm	GAMO °	H mm	HF mm	KAPR °	LAMS °	LF mm	LH mm	WF mm	Insert Gage
5538327	C14M-33	●	N	19	6	19	19	45	6	140	35	9.5	SN..1204.. -
5538335	C14M-34	●	N	19	6	25	25	45	6	160	35	9.5	SN..1204.. (SN..1207..)
5538343	C14M-44	●	N	25	6	25	25	45	6	160	35	12.5	SN..1204.. (SN..1207..)
5638036	C14M-45	●	N	25	6	32	32	45	6	160	35	12.5	SN..1204.. (SN..1207..)

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Clamp screw)	Snap
C14M-33	CC08M	ASN423	BS0829W	M3*12	LW-4	SR08
C14M-34	CC08M	ASN423	BS0835W	M3*12	LW-4	SR08
C14M-44	CC08M	ASN423	BS0835W	M3*12	LW-4	SR08
C14M-45	CC08M	ASN423	BS0835W	M3*12	LW-4	SR08

C13



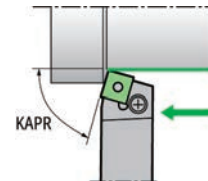
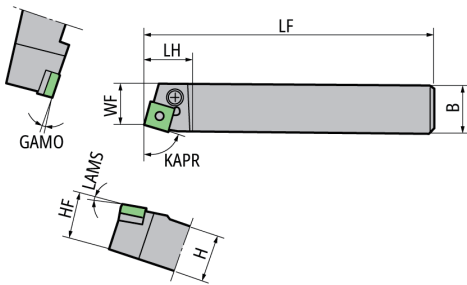
● Diagram shows right-hand tool

EDP	Item Number	Stock	Hand	B mm	GAMO °	H mm	HF mm	KAPR °	LAMS °	LF mm	LH mm	WF mm	Insert Gage
5538244	C13R-33	●	R	19	6	19	19	60	6	140	35	12.5	SN..1204.. (SN..1207..)
5538269	C13R-34	●	R	19	6	25	25	60	6	160	35	12.5	SN..1204.. (SN..1207..)
5538277	C13R-44	●	R	25	6	25	25	60	6	160	35	18.5	SN..1204.. (SN..1207..)
5684816	C13R-45	●	R	25	6	33	32	60	6	160	35	18.5	SN..1204.. (SN..1207..)
5538251	C13L-33	●	L	19	6	19	19	60	6	140	35	12.5	SN..1204.. -
5538285	C13L-44	●	L	25	6	25	25	60	6	160	35	18.5	SN..1204.. (SN..1207..)
5802863	C13L-45	●	L	25	6	32	32	60	6	160	35	18.5	SN..1204.. (SN..1207..)

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Clamp screw)	Snap
C13R-33	CC08M	ASN423	BS0829W	M3*12	LW-4	SR08
C13R-34	CC08M	ASN423	BS0835W	M3*12	LW-4	SR08
C13R-44	CC08M	ASN423	BS0835W	M3*12	LW-4	SR08
C13R-45	CC08M	ASN423	BS0835W	M3*12	LW-4	SR08
C13L-33	CC08M	ASN423	BS0829W	M3*12	LW-4	SR08
C13L-44	CC08M	ASN423	BS0835W	M3*12	LW-4	SR08
C13L-45	CC08M	ASN423	BS0835W	M3*12	LW-4	SR08

PSBN



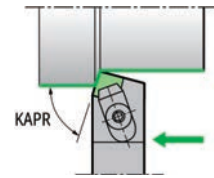
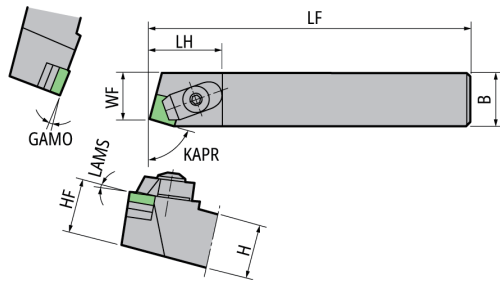
● Diagram shows right-hand tool

EDP	Item Number	Stock	Hand	B mm	GAMO °	H mm	HF mm	KAPR °	LAMS °	LF mm	LH mm	WF mm	Insert Gage
5934492	PSBNL2020K43	●	L	20	6	20	20	75	6	125	28	17	SN..1204..
5934518	PSBNR2020K43	●	R	20	6	20	20	75	6	125	28	17	SN..1204..

Spare Parts

Item Number	Shim	Clamp screw	Wrench (for Clamp screw)	Clamp Pin	Spring
PSBNL2020K43	LSS42	LCS4	LW-3	LCL4	LSP4
PSBNR2020K43	LSS42	LCS4	LW-3	LCL4	LSP4

C11



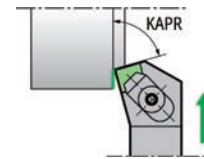
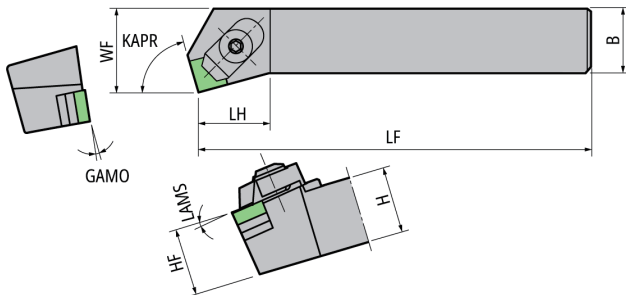
● Diagram shows right-hand tool

EDP	Item Number	Stock	Hand	B mm	GAMO °	H mm	HF mm	KAPR °	LAMS °	LF mm	LH mm	WF mm	Insert Gage	
5538608	C11R-33	●	R	19	6	19	19	75	6	140	34	15.5	SN..1204..	(SN..1207..)
5538624	C11R-34	●	R	19	6	25	25	75	6	160	34	15.5	SN..1204..	(SN..1207..)
5538632	C11R-44	●	R	25	6	25	25	75	6	160	34	21.5	SN..1204..	(SN..1207..)
5778170	C11R-45	●	R	25	6	32	32	75	6	160	34	21.5	SN..1204..	(SN..1207..)
5538616	C11L-33	●	L	19	6	19	19	75	6	140	34	15.5	SN..1204..	-
5538640	C11L-44	●	L	25	6	25	25	75	6	160	34	21.5	SN..1204..	(SN..1207..)
5710876	C11L-45	●	L	25	6	32	32	75	6	160	34	21.5	SN..1204..	(SN..1207..)

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Shim)	Snap
C11R-33	CC08M	ASN423	BS0829W	M3*12	LW-4	SR08
C11R-34	CC08M	ASN423	BS0835W	M3*12	LW-4	SR08
C11R-44	CC08M	ASN423	BS0835W	M3*12	LW-4	SR08
C11R-45	CC08M	ASN423	BS0835W	M3*12	LW-4	SR08
C11L-33	CC08M	ASN423	BS0829W	M3*12	LW-4	SR08
C11L-44	CC08M	ASN423	BS0835W	M3*12	LW-4	SR08
C11L-45	CC08M	ASN423	BS0835W	M3*12	LW-4	SR08

C15



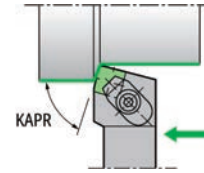
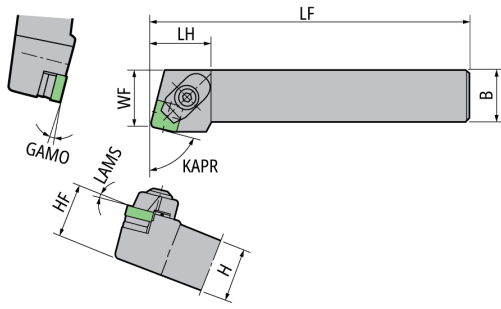
● Diagram shows right-hand tool

EDP	Item Number	Stock	Hand	B mm	GAMO °	H mm	HF mm	KAPR °	LAMS °	LF mm	LH mm	WF mm	Insert Gage	
5566070	C15R-33	●	R	19	6	19	19	75	6	140	29	25	SN..1204..	-
5538236	C15R-44	●	R	25	6	25	25	75	6	160	28	31	SN..1204..	(SN..1207..)
5802848	C15R-45	●	R	25	6	32	32	75	6	160	28	31	SN..1204..	(SN..1207..)
5538210	C15L-33	●	L	19	6	19	19	75	6	140	29	25	SN..1204..	-
5538228	C15L-34	●	L	19	6	25	25	75	6	160	29	25	SN..1204..	(SN..1207..)
5576863	C15L-44	●	L	25	6	25	25	75	6	160	28	31	SN..1204..	(SN..1207..)
5759865	C15L-45	●	L	25	6	32	32	75	6	160	28	31	SN..1204..	(SN..1207..)
5538368	C16L-33	●	L	19	6	19	19	75	6	140	32	22	SN..1204..	-
5538384	C16L-44	●	L	25	6	25	25	75	6	160	25	25	SN..1204..	(SN..1207..)
5746862	C16L-45	●	L	25	6	32	32	75	6	160	25	25	SN..1204..	(SN..1207..)

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Clamp screw)	Snap
C15R-33	CC08M	ASN423	BS0829W	M3*12	LW-4	SR08
C15R-44	CC08M	ASN423	BS0835W	M3*12	LW-4	SR08
C15R-45	CC08M	ASN423	BS0835W	M3*12	LW-4	SR08
C15L-33	CC08M	ASN423	BS0829W	M3*12	LW-4	SR08
C15L-34	CC08M	ASN423	BS0835W	M3*12	LW-4	SR08
C15L-44	CC08M	ASN423	BS0835W	M3*12	LW-4	SR08
C15L-45	CC08M	ASN423	BS0835W	M3*12	LW-4	SR08
C16L-33	CC08MS	ASN423	BS0829W	M3*12	LW-4	SR08
C16L-44	CC08MS	ASN423	BS0835W	M3*12	LW-4	SR08
C16L-45	CC08MS	ASN423	BS0835W	M3*12	LW-4	SR08

C16



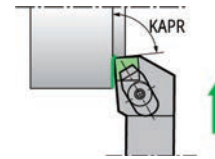
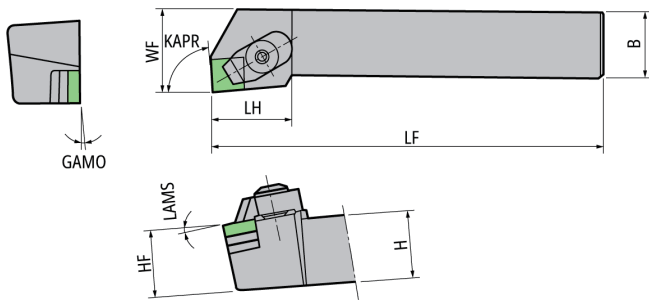
● Diagram shows right-hand tool

EDP	Item Number	Stock	Hand	B mm	GAMO °	H mm	HF mm	KAPR °	LAMS °	LF mm	LH mm	WF mm	Insert Gage	
5538350	C16R-33	●	R	19	6	19	19	75	6	140	32	22	SN..1204..	-
5538376	C16R-44	●	R	25	6	25	25	75	6	160	25	25	SN..1204..	(SN..1207..)
5684824	C16R-45	●	R	25	6	32	32	75	6	160	25	25	SN..1204..	(SN..1207..)

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Clamp screw)	Snap
C16R-33	CC08MS	ASN423	BS0829W	M3*12	LW-4	SR08
C16R-44	CC08MS	ASN423	BS0835W	M3*12	LW-4	SR08
C16R-45	CC08MS	ASN423	BS0835W	M3*12	LW-4	SR08

C17



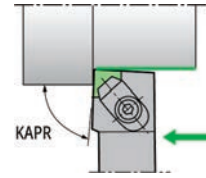
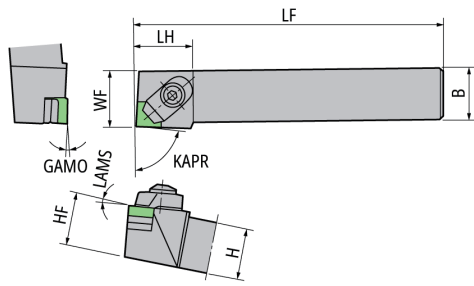
● Diagram shows right-hand tool

EDP	Item Number	Stock	Hand	B mm	GAMO °	H mm	HF mm	KAPR °	LAMS °	LF mm	LH mm	WF mm	Insert Gage	
5538145	C17R-33	●	R	19	6	19	19	85	6	140	30	24	SN..1204..	-
5538152	C17R-44	●	R	25	6	25	25	85	6	160	30	30	SN..1204..	(SN..1207..)
5755400	C17R-45	●	R	25	6	32	32	85	6	160	30	30	SN..1204..	(SN..1207..)
5538160	C17L-44	●	L	25	6	25	25	85	6	160	30	30	SN..1204..	(SN..1207..)
5743281	C17L-45	●	L	25	6	32	32	85	6	160	30	30	SN..1204..	(SN..1207..)

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Clamp screw)	Snap
C17R-33	CC08M	ASN423	BS0829W	M3*12	LW-4	SR08
C17R-44	CC08M	ASN423	BS0835W	M3*12	LW-4	SR08
C17R-45	CC08M	ASN423	BS0835W	M3*12	LW-4	SR08
C17L-44	CC08M	ASN423	BS0835W	M3*12	LW-4	SR08
C17L-45	CC08M	ASN423	BS0835W	M3*12	LW-4	SR08

CSHN



● Diagram shows right-hand tool

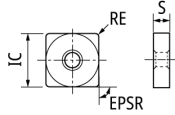
EDP	Item Number	Stock	Hand	B mm	GAMO °	H mm	HF mm	KAPR °	LAMS °	LF mm	LH mm	WF mm	Insert Gage	
5692488	CSHNR2525M12	●	R	25	6	25	25	85	6	150	30	27	SN..1204..	(SN..1207..)
5692470	CSHNL2525M12	●	L	25	6	25	25	85	6	150	30	27	SN..1204..	(SN..1207..)

Spare Parts

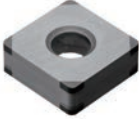
Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Clamp screw)	Snap
CSHNR2525M12	CC08M	ASN423	BS0835W	M3*12	LW-4	SR08
CSHNL2525M12	CC08M	ASN423	BS0835W	M3*12	LW-4	SR08

SN.. series/Inserts CBN

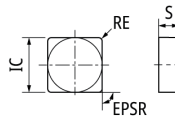
SNGA




Steel	
Stainless Steel	
Cast Iron	● ● ● ● ○ ○
Non-Ferrous Material	
Heat Resistant Alloy	
Hardened Material	● ● ● ● ●
Others (non-metallic)	

Shape	Item Number (ISO)	CECC	EPSR °	IC mm	S mm	AN °	RE mm	D2 mm	Length of edge	No. of edge	S1 mm	CBN									
												B16 PVD	B22	B23	B30	B36	B6K PVD	B40	B52	B5K PVD	
	SNGA120402PES01325	S01325	90	12.7	4.76	-	0.2	-	2.3	8	-						●	●	●		
	SNGA120404PES01015	S01015	90	12.7	4.76	-	0.4	-	2.3	8	-						●	●			
	SNGA120404PES01020	S01020	90	12.7	4.76	-	0.4	-	2.3	8	-		●								
	SNGA120404PES01325	S01325	90	12.7	4.76	-	0.4	-	2.3	8	-					●					
	SNGA120404PES01535	S01535	90	12.7	4.76	-	0.4	-	2.3	8	-						●	●			
	SNGA120404PET01020	T01020	90	12.7	4.76	-	0.4	-	2.3	8	-			●				●	●		
	SNGA120408PES01015	S01015	90	12.7	4.76	-	0.8	-	2.3	8	-							●	●		
	SNGA120408PES01020	S01020	90	12.7	4.76	-	0.8	-	2.3	8	-			●							
	SNGA120408PES01325	S01325	90	12.7	4.76	-	0.8	-	2.3	8	-					●					
	SNGA120408PES01535	S01535	90	12.7	4.76	-	0.8	-	2.3	8	-							●	●		
	SNGA120408PET01020	T01020	90	12.7	4.76	-	0.8	-	2.3	8	-				●			●	●		
	SNGA120412PES01015	S01015	90	12.7	4.76	-	1.2	-	2.8	8	-					●		●	●		
	SNGA120412PES01020	S01020	90	12.7	4.76	-	1.2	-	2.8	8	-			●							
	SNGA120412PES01325	S01325	90	12.7	4.76	-	1.2	-	2.8	8	-					●					
	SNGA120412PES01535	S01535	90	12.7	4.76	-	1.2	-	2.8	8	-							●	●		
	SNGA120412PET01020	T01020	90	12.7	4.76	-	1.2	-	2.8	8	-					●					
	SNGA120416PES01015	S01015	90	12.7	4.76	-	1.6	-	2.8	8	-								●		
	SNGA120416PES01325	S01325	90	12.7	4.76	-	1.6	-	2.8	8	-					●					
SNGA120416PET01020	T01020	90	12.7	4.76	-	1.6	-	2.8	8	-					●						

SNMN

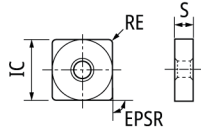


Steel	
Stainless Steel	
Cast Iron	● ● ● ● ○ ○
Non-Ferrous Material	
Heat Resistant Alloy	
Hardened Material	● ● ● ● ●
Others (non-metallic)	



Shape	Item Number (ISO)	CECC	EPSR °	IC mm	S mm	AN °	RE mm	D2 mm	Length of edge	No. of edge	S1 mm	CBN									
												B16 PVD	B22	B23	B30	B36	B6K PVD	B40	B52	B5K PVD	
	SNMN120408ST01025	T01025	90	12.7	4.76	-	0.8	-	-	8	-	●									
	SNMN120412ST02025	T02025	90	12.7	4.76	-	1.2	-	-	8	-	●									
	SNMN120416ST02025	T02025	90	12.7	4.76	-	1.6	-	-	8	-	●									

SN.. series/Inserts Carbide

SNMG



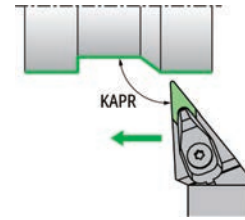
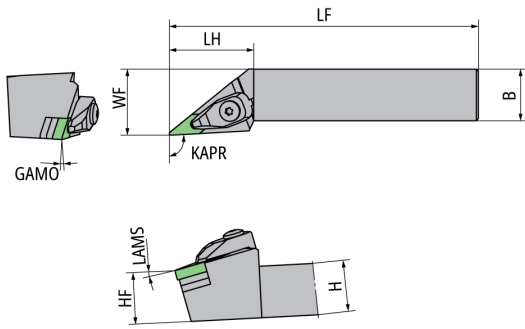
Steel	○	●	●	●	●	●	●	●	●
Stainless Steel	●	○	○	○	●	○	●	●	●
Cast Iron									●
Non-Ferrous Material						○	○		●
Heat Resistant Alloy		●	○	○					
Hardened Material		○	○	○					
Others (non-metallic)									●

Shape	Item Number (ISO)	CECC	EPSR °	IC mm	S mm	AN °	RE mm	BS mm	Carbide												
									PVD	PVD	PVD	PVD	PVD	PVD	PVD	PVD	CVD	CVD	Uncoated		
									ST4	DM4	DT4	QM3	TM4	VM1	ZM3	CP1	CP7	KM1			
	SNMG120408T00525Z5	T00525	90	12.7	4.76	-	0.8	-		●		●									
	SNMG120408G	-	90	12.7	4.76	-	0.8	-													●
	SNMG120412G	-	90	12.7	4.76	-	1.2	-													●
	SNMG120416G	-	90	12.7	4.76	-	1.6	-													●

General Turning
Toolholders

VN..series/Toolholders

WVJN/HVJN Multi Clamp Toolholders



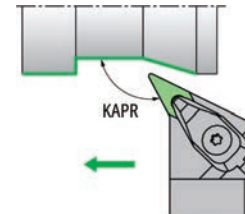
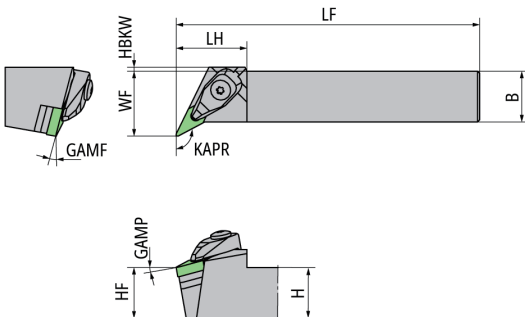
● Diagram shows right-hand tool

EDP	Item Number	Stock	Hand	B mm	GAMO °	H mm	HF mm	KAPR °	LAMS °	LF mm	LH mm	WF mm	Insert Gage
5682828	WVJNR2525M16	●	R	25	6	25	25	93	13	150	41	32	VN..1604.. (VN..1607..)
5682844	WVJNR3225P16	●	R	25	6	32	32	93	13	170	41	32	VN..1604.. (VN..1607..)
5682836	WVJNL2525M16	●	L	25	6	25	25	93	13	150	41	32	VN..1604.. (VN..1607..)
5682851	WVJNL3225P16	●	L	25	6	32	32	93	13	170	41	32	VN..1604.. (VN..1607..)
5701396	HVJNR2525M16	●	R	25	6	25	25	93	13	150	41	32	VNGX1607.. -
5701420	HVJNR3225P16	●	R	25	6	32	32	93	13	170	41	32	VNGX1607.. -
5701412	HVJNL2525M16	●	L	25	6	25	25	93	13	150	41	32	VNGX1607.. -
5701438	HVJNL3225P16	●	L	25	6	32	32	93	13	170	41	32	VNGX1607.. -

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Clamp screw)	Wrench (for Shim)	Spring
WVJNR2525M16	DC6VN	AVN323	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
WVJNR3225P16	DC6VN	AVN323	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
WVJNL2525M16	DC6VN	AVN323	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
WVJNL3225P16	DC6VN	AVN323	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
HVJNR2525M16	HC6VN	AVN323	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
HVJNR3225P16	HC6VN	AVN323	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
HVJNL2525M16	HC6VN	AVN323	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
HVJNL3225P16	HC6VN	AVN323	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D

WVPN/HVPN Multi Clamp Toolholders



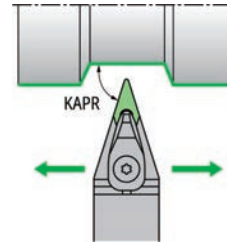
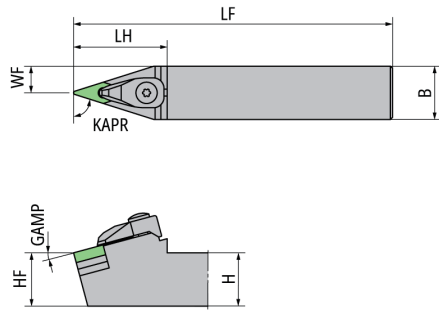
● Diagram shows right-hand tool

EDP	Item Number	Stock	Hand	B mm	GAMF °	GMAP °	H mm	HBKW mm	HF mm	KAPR °	LF mm	LH mm	WF mm	Insert Gage
5682885	WVPNR2525M16	●	R	25	10	10	25	2	25	117.5	150	35	32	VN..1604.. (VN..1607..)
5682893	WVPNL2525M16	●	L	25	10	10	25	2	25	117.5	150	35	32	VN..1604.. (VN..1607..)
5701461	HVPNR2525M16	●	R	25	10	10	25	2	25	117.5	150	35	32	VNGX1607.. -
5701479	HVPNL2525M16	●	L	25	10	10	25	2	25	117.5	150	35	32	VNGX1607.. -

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Clamp screw)	Wrench (for Shim)	Spring
WVPNR2525M16	DC6VN	AVN323	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
WVPNL2525M16	DC6VN	AVN323	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
HVPNR2525M16	HC6VN	AVN323	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
HVPNL2525M16	HC6VN	AVN323	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D

WVNN/HVNN Multi Clamp Toolholders



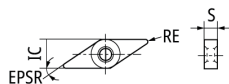
EDP	Item Number	Stock	Hand	B mm	GMAP °	H mm	HF mm	KAPR °	LF mm	LH mm	WF mm	Insert Gage
5682877	WVNN2525M16	●	N	25	15	25	25	72.5	150	44	12.5	VN..1604.. (VN..1607..)
5701453	HVNN2525M16	●	N	25	15	25	25	72.5	150	44	12.5	VNGX1607.. -

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Clamp screw)	Wrench (for Shim)	Spring
WVNN2525M16	DC6VN	AVN323	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
HVNN2525M16	HC6VN	AVN323	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D

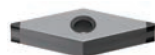
VN.. series/Inserts CBN

VNGA



Steel																				
Stainless Steel																				
Cast Iron	●	●	●	●															○	○
Non-Ferrous Material																				
Heat Resistant Alloy																				
Hardened Material																				
Others (non-metallic)																				

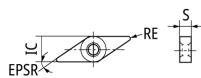
Shape	Item Number (ISO)	CECC	EPSR °	IC mm	S mm	AN °	RE mm	D2 mm	Length of edge	No. of edge	S1 mm	CBN										
												B16 PVD	B22	B23	B30	B36	B6K PVD	B40	B52	B5K	PVD	
	VNGA160401PQS01015	S01015	35	9.525	4.76	-	0.1	-	2.7	4	-											●
	VNGA160401PQS01535	S01535	35	9.525	4.76	-	0.1	-	2.7	4	-											●
	VNGA160402PDFNX	Up-sharp edge	35	9.525	4.76	-	0.2	-	2.6	2	-											
	VNGA160402PQFNX	Up-sharp edge	35	9.525	4.76	-	0.2	-	2.6	4	-											
	VNGA160402PQS01015	S01015	35	9.525	4.76	-	0.2	-	2.6	4	-											●
	VNGA160402PQS01325	S01325	35	9.525	4.76	-	0.2	-	2.6	4	-											●
	VNGA160402PQS01535	S01535	35	9.525	4.76	-	0.2	-	2.6	4	-											●
	VNGA160402PQT01020	T01020	35	9.525	4.76	-	0.2	-	2.6	4	-											●
	VNGA160404PDFNX	Up-sharp edge	35	9.525	4.76	-	0.4	-	2.5	2	-											
	VNGA160404PQFNX	Up-sharp edge	35	9.525	4.76	-	0.4	-	2.5	4	-											●
	VNGA160404PQS01015	S01015	35	9.525	4.76	-	0.4	-	2.5	4	-											●
	VNGA160404PQS01325	S01325	35	9.525	4.76	-	0.4	-	2.5	4	-											●
	VNGA160404PQS01535	S01535	35	9.525	4.76	-	0.4	-	2.5	4	-											●
	VNGA160404PQT01020	T01020	35	9.525	4.76	-	0.4	-	2.5	4	-											●
	VNGA160408PDFNX	Up-sharp edge	35	9.525	4.76	-	0.8	-	1.6	2	-											
	VNGA160408PQFNX	Up-sharp edge	35	9.525	4.76	-	0.8	-	1.6	4	-											●
	VNGA160408PQS01015	S01015	35	9.525	4.76	-	0.8	-	1.6	4	-											●
	VNGA160408PQS01325	S01325	35	9.525	4.76	-	0.8	-	1.6	4	-											●
	VNGA160408PQS01535	S01535	35	9.525	4.76	-	0.8	-	1.6	4	-											●
	VNGA160408PQT01020	T01020	35	9.525	4.76	-	0.8	-	1.6	4	-											●
	VNGA160412PDFNX	Up-sharp edge	35	9.525	4.76	-	1.2	-	2.7	2	-											
	VNGA160412PQS01015	S01015	35	9.525	4.76	-	1.2	-	2.7	4	-											●
	VNGA160412PQS01325	S01325	35	9.525	4.76	-	1.2	-	2.7	4	-											●
	VNGA160412PQS01535	S01535	35	9.525	4.76	-	1.2	-	2.7	4	-											●
	VNGA160412PQT01020	T01020	35	9.525	4.76	-	1.2	-	2.7	4	-											●



General Turning
Toolholders

VN.. series/Inserts Carbide

VN..

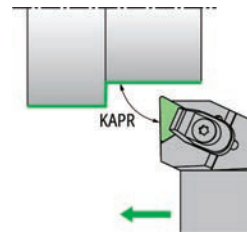
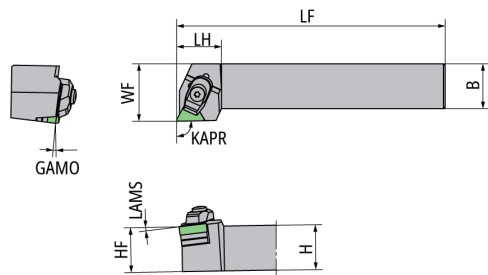


Steel	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Stainless Steel	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Cast Iron																					
Non-Ferrous Material																					
Heat Resistant Alloy	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Hardened Material	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Others (non-metallic)																					

Shape	Item Number (ISO)	CECC	EPSR °	IC mm	S mm	AN °	RE mm	BS mm	Carbide										Uncoated KM1			
									PVD ST4	PVD DM4	PVD DT4	PVD QM3	PVD TM4	PVD VM1	PVD ZM3	PVD CP1	PVD CP7	PVD CVD				
	VNGG160402FNZP	Up-sharp edge	35	9.525	4.76	-	0.2	-														
	VNGG160404FNZP	Up-sharp edge	35	9.525	4.76	-	0.4	-														
	VNGG160408FNZP	Up-sharp edge	35	9.525	4.76	-	0.8	-														
	VNMG160404G	-	35	9.525	4.76	-	0.4	-														
	VNMG160408G	-	35	9.525	4.76	-	0.8	-														
	VNMG160412G	-	35	9.525	4.76	-	1.2	-														
	VNMG160404T00525AM1	T00525	35	9.525	4.76	-	0.4	-														
	VNMG160408T00525AM1	T00525	35	9.525	4.76	-	0.8	-														

TN.. series/Toolholders

WTGN/TTGN Multi Clamp Toolholders



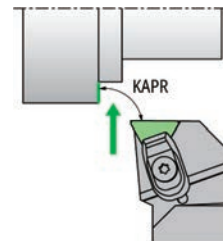
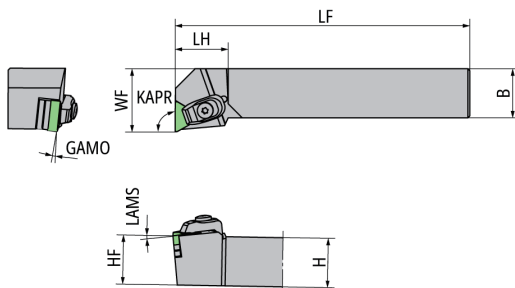
● Diagram shows right-hand tool

EDP	Item Number	Stock	Hand	B mm	GAMO °	H mm	HF mm	KAPR °	LAMS °	LF mm	LH mm	WF mm	Insert Gage
5682976	WTGNR2525M16	●	R	25	6	25	25	91	6	150	25	32	TN..1604.. (TN..1607..)
5682984	WTGNL2525M16	●	L	25	6	25	25	91	6	150	25	32	TN..1604.. (TN..1607..)
5701826	TTGNR2525M16	●	R	25	6	25	25	91	6	150	25	32	TN..1604.. (TN..1607..)
5701834	TTGNL2525M16	●	L	25	6	25	25	91	6	150	25	32	TN..1604.. (TN..1607..)

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Clamp screw)	Wrench (for Shim)	Spring
WTGNR2525M16	DC5TN	ATN323	AOS-5*26W	FSS15-3.0*12	LLR-T15	LLR-T10	ASGL5-D
WTGNL2525M16	DC5TN	ATN323	AOS-5*26W	FSS15-3.0*12	LLR-T15	LLR-T10	ASGL5-D
TTGNR2525M16	TC5TN	ATN323	AOS-5*26W	FSS15-3.0*12	LLR-T15	LLR-T10	ASGL5-D
TTGNL2525M16	TC5TN	ATN323	AOS-5*26W	FSS15-3.0*12	LLR-T15	LLR-T10	ASGL5-D

WTFN/TTFN Multi Clamp Toolholders



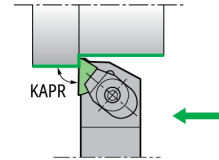
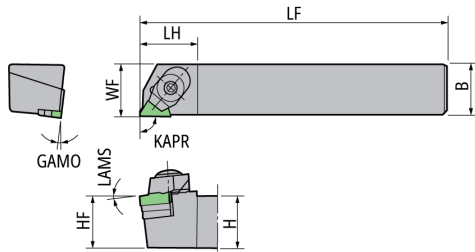
● Diagram shows right-hand tool

EDP	Item Number	Stock	Hand	B mm	GAMO °	H mm	HF mm	KAPR °	LAMS °	LF mm	LH mm	WF mm	Insert Gage
5682992	WTFNR2525M16	●	R	25	6	25	25	91	6	150	27	32	TN..1604.. (TN..1607..)
5683008	WTFNL2525M16	●	L	25	6	25	25	91	6	150	27	32	TN..1604.. (TN..1607..)
5701859	TTFNR2525M16	●	R	25	6	25	25	91	6	150	27	32	TN..1604.. (TN..1607..)
5701867	TTFNL2525M16	●	L	25	6	25	25	91	6	150	27	32	TN..1604.. (TN..1607..)

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Clamp screw)	Wrench (for Shim)	Spring
WTFNR2525M16	DC5TN	ATN323	AOS-5*26W	FSS15-3.0*12	LLR-T15	LLR-T10	ASGL5-D
WTFNL2525M16	DC5TN	ATN323	AOS-5*26W	FSS15-3.0*12	LLR-T15	LLR-T10	ASGL5-D
TTFNR2525M16	TC5TN	ATN323	AOS-5*26W	FSS15-3.0*12	LLR-T15	LLR-T10	ASGL5-D
TTFNL2525M16	TC5TN	ATN323	AOS-5*26W	FSS15-3.0*12	LLR-T15	LLR-T10	ASGL5-D

C21



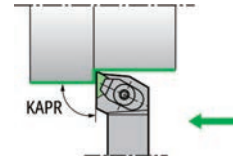
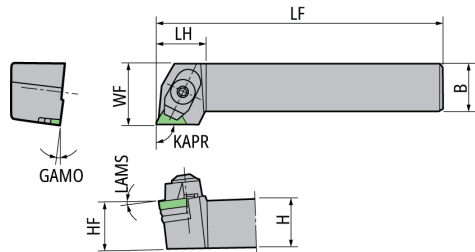
● Diagram shows right-hand tool

EDP	Item Number	Stock	Hand	B mm	GAMO °	H mm	HF mm	KAPR °	LAMS °	LF mm	LH mm	WF mm	Insert Gage	
5538426	C21R-33	●	R	19	6	19	19	91	6	140	28	19	TN..1604..	-
5538442	C21R-44	●	R	25	6	25	25	91	6	160	28	25	TN..1604..	(TN..1607..)
5760558	C21R-45	●	R	25	6	32	32	91	6	160	28	25	TN..1604..	(TN..1607..)
5538434	C21L-34	●	L	19	6	25	25	91	6	160	28	19	TN..1604..	(TN..1607..)
5538459	C21L-44	●	L	25	6	25	25	91	6	160	28	25	TN..1604..	(TN..1607..)
5650411	C21L-45	●	L	25	6	32	32	91	6	160	28	25	TN..1604..	(TN..1607..)

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Clamp screw)	Snap
C21R-33	CC08MS	ATN323	BS0829W	M3*12	LW-4	SR08
C21R-44	CC08MS	ATN323	BS0835W	M3*12	LW-4	SR08
C21R-45	CC08MS	ATN323	BS0835W	M3*12	LW-4	SR08
C21L-34	CC08MS	ATN323	BS0835W	M3*12	LW-4	SR08
C21L-44	CC08MS	ATN323	BS0835W	M3*12	LW-4	SR08
C21L-45	CC08MS	ATN323	BS0835W	M3*12	LW-4	SR08

C22



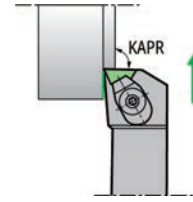
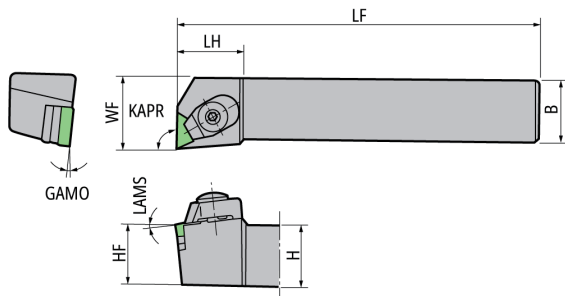
● Diagram shows right-hand tool

EDP	Item Number	Stock	Hand	B mm	GAMO °	H mm	HF mm	KAPR °	LAMS °	LF mm	LH mm	WF mm	Insert Gage	
5538467	C22R-33	●	R	19	6	19	19	91	6	140	25	25	TN..1604..	-
5538483	C22R-34	●	R	19	6	25	25	91	6	160	25	25	TN..1604..	(TN..1607..)
5538491	C22R-44	●	R	25	6	25	25	91	6	160	25	30	TN..1604..	(TN..1607..)
5695630	C22R-45	●	R	25	6	32	32	91	6	160	25	30	TN..1604..	(TN..1607..)
5538475	C22L-33	●	L	19	6	19	19	91	6	140	25	25	TN..1604..	-
5538509	C22L-44	●	L	25	6	25	25	91	6	160	25	30	TN..1604..	(TN..1607..)
5692231	C22L-45	●	L	25	6	32	32	91	6	160	25	30	TN..1604..	(TN..1607..)

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Clamp screw)	Snap
C22R-33	CC08MS	ATN323	BS0829W	M3*12	LW-4	SR08
C22R-34	CC08MS	ATN323	BS0835W	M3*12	LW-4	SR08
C22R-44	CC08MS	ATN323	BS0835W	M3*12	LW-4	SR08
C22R-45	CC08MS	ATN323	BS0835W	M3*12	LW-4	SR08
C22L-33	CC08MS	ATN323	BS0829W	M3*12	LW-4	SR08
C22L-44	CC08MS	ATN323	BS0835W	M3*12	LW-4	SR08
C22L-45	CC08MS	ATN323	BS0835W	M3*12	LW-4	SR08

C25



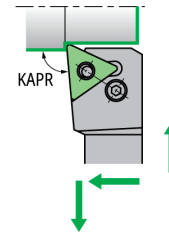
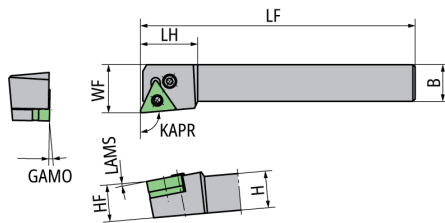
● Diagram shows right-hand tool

EDP	Item Number	Stock	Hand	B mm	GAMO °	H mm	HF mm	KAPR °	LAMS °	LF mm	LH mm	WF mm	Insert Gage
5538566	C25R-33	●	R	19	6	19	19	91	6	140	25	25	TN..1604.. -
5576954	C25R-34	●	R	19	6	25	25	91	6	160	25	25	TN..1604.. (TN..1607..)
5538582	C25R-44	●	R	25	6	25	25	91	6	160	28	30	TN..1604.. (TN..1607..)
5720875	C25R-45	●	R	25	6	32	32	91	6	160	28	30	TN..1604.. (TN..1607..)
5538574	C25L-33	●	L	19	6	19	19	91	6	140	25	25	TN..1604.. -
5538590	C25L-44	●	L	25	6	25	25	91	6	160	28	30	TN..1604.. (TN..1607..)

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Clamp screw)	Snap
C25R-33	CC08MS	ATN323	BS0829W	M3*12	LW-4	SR08
C25R-34	CC08MS	ATN323	BS0835W	M3*12	LW-4	SR08
C25R-44	CC08MS	ATN323	BS0835W	M3*12	LW-4	SR08
C25R-45	CC08MS	ATN323	BS0835W	M3*12	LW-4	SR08
C25L-33	CC08MS	ATN323	BS0829W	M3*12	LW-4	SR08
C25L-44	CC08MS	ATN323	BS0835W	M3*12	LW-4	SR08

PTLN



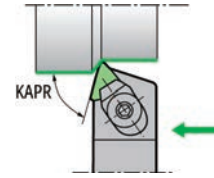
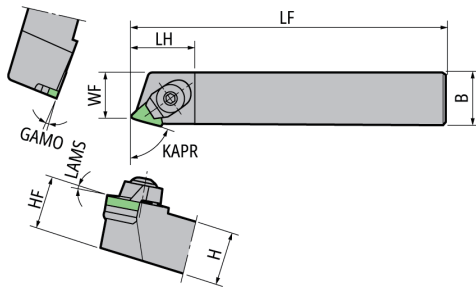
● Diagram shows right-hand tool

EDP	Item Number	Stock	Hand	B mm	GAMO °	H mm	HF mm	KAPR °	LAMS °	LF mm	LH mm	WF mm	Insert Gage
5552336	PTLNR2020L33	●	R	20	6	20	20	95	6	140	25	25	TN..1604..
5552344	PTLNL2020L33	●	L	20	6	20	20	95	6	140	25	25	TN..1604..

Spare Parts

Item Number	Shim	Clamp screw	Wrench (for Clamp screw)	Clamp Pin	Spring
PTLNR2020L33	LST317	LCS3	LW-2.5	LCL3	LSP3
PTLNL2020L33	LST317	LCS3	LW-2.5	LCL3	LSP3

C23



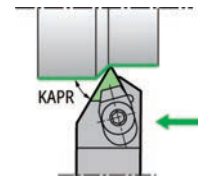
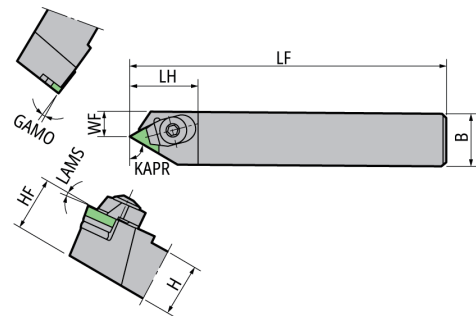
● Diagram shows right-hand tool

EDP	Item Number	Stock	Hand	B mm	GAMO °	H mm	HF mm	KAPR °	LAMS °	LF mm	LH mm	WF mm	Insert Gage
5538541	C23R-33	●	R	19	6	19	19	75	6	140	30	14.5	TN..1604.. -
5576939	C23R-44	●	R	25	6	25	25	75	6	160	30	20.5	TN..1604.. (TN..1607..)
5538558	C23L-44	●	L	25	6	25	25	75	6	160	30	20.5	TN..1604.. (TN..1607..)

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Clamp screw)	Snap
C23R-33	CC08MS	ATN323	BS0829W	M3*12	LW-4	SR08
C23R-44	CC08MS	ATN323	BS0835W	M3*12	LW-4	SR08
C23L-44	CC08MS	ATN323	BS0835W	M3*12	LW-4	SR08

C24



● Diagram shows right-hand tool

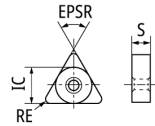
EDP	Item Number	Stock	Hand	B mm	GAMO °	H mm	HF mm	KAPR °	LAMS °	LF mm	LH mm	WF mm	Insert Gage
5538517	C24R-34	-	R	19	6	25	25	60	6	160	32	10.5	TN..1604.. (TN..1607..)
5538525	C24R-44	-	R	25	6	25	25	60	6	160	32	16.5	TN..1604.. (TN..1607..)
5538533	C24L-44	-	L	25	6	25	25	60	6	160	32	16.5	TN..1604.. (TN..1607..)

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Clamp screw)	Snap
C24R-34	CC08MS	ATN323	BS0829W	M3*12	LW-4	SR08
C24R-44	CC08MS	ATN323	BS0835W	M3*12	LW-4	SR08
C24L-44	CC08MS	ATN323	BS0835W	M3*12	LW-4	SR08

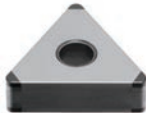
TN.. series/Inserts CBN

TNGA



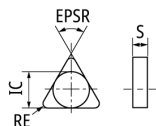
Steel	
Stainless Steel	
Cast Iron	● ● ● ● ○ ○
Non-Ferrous Material	
Heat Resistant Alloy	
Hardened Material	● ● ● ● ● ●
Others (non-metallic)	

Shape	Item Number (ISO)	CECC	EPSR °	IC mm	S mm	AN °	RE mm	D2 mm	Length of edge	No. of edge	S1 mm	CBN											
												B16 PVD	B22	B23	B30	B36	B6K PVD	B40	B52	B5K PVD			
	TNGA160401PHFNX	Up-sharp edge	60	9.525	4.76	-	0.1	-	2.1	6	-												●
	TNGA160401PHS01015	S01015	60	9.525	4.76	-	0.1	-	2.1	6	-												● ● ● ●
	TNGA160401PHS01325	S01325	60	9.525	4.76	-	0.1	-	2.1	6	-												● ● ● ●
	TNGA160401PHS01535	S01535	60	9.525	4.76	-	0.1	-	2.1	6	-												● ● ● ●
	TNGA160402PHFNX	Up-sharp edge	60	9.525	4.76	-	0.2	-	2.2	6	-												● ● ● ●
	TNGA160402PHS01015	S01015	60	9.525	4.76	-	0.2	-	2.2	6	-												● ● ● ●
	TNGA160402PHS01325	S01325	60	9.525	4.76	-	0.2	-	2.2	6	-												● ● ● ●
	TNGA160402PHS01535	S01535	60	9.525	4.76	-	0.2	-	2.2	6	-												● ● ● ●
	TNGA160402PTFNX	Up-sharp edge	60	9.525	4.76	-	0.2	-	2.2	3	-												● ● ● ●
	TNGA160404PHFNX	Up-sharp edge	60	9.525	4.76	-	0.4	-	2	6	-												● ● ● ●
	TNGA160404PHS01015	S01015	60	9.525	4.76	-	0.4	-	2	6	-												● ● ● ●
	TNGA160404PHS01020	S01020	60	9.525	4.76	-	0.4	-	2	6	-												● ● ● ●
	TNGA160404PHS01325	S01325	60	9.525	4.76	-	0.4	-	2	6	-												● ● ● ●
	TNGA160404PHS01535	S01535	60	9.525	4.76	-	0.4	-	2	6	-												● ● ● ●
	TNGA160404PHT01020	T01020	60	9.525	4.76	-	0.4	-	2	6	-												● ● ● ●
	TNGA160404PTFNX	Up-sharp edge	60	9.525	4.76	-	0.4	-	2	3	-												● ● ● ●
	TNGA160408PHFNX	Up-sharp edge	60	9.525	4.76	-	0.8	-	1.7	6	-												● ● ● ●
	TNGA160408PHS01015	S01015	60	9.525	4.76	-	0.8	-	1.7	6	-												● ● ● ●
	TNGA160408PHS01020	S01020	60	9.525	4.76	-	0.8	-	1.7	6	-												● ● ● ●
	TNGA160408PHS01325	S01325	60	9.525	4.76	-	0.8	-	1.7	6	-												● ● ● ●
	TNGA160408PHS01535	S01535	60	9.525	4.76	-	0.8	-	1.7	6	-												● ● ● ●
	TNGA160408PHT01020	T01020	60	9.525	4.76	-	0.8	-	1.7	6	-												● ● ● ●
	TNGA160408PTFNX	Up-sharp edge	60	9.525	4.76	-	0.8	-	1.7	3	-												● ● ● ●
	TNGA160412PHFNX	Up-sharp edge	60	9.525	4.76	-	1.2	-	2.3	6	-												● ● ● ●
	TNGA160412PHS01015	S01015	60	9.525	4.76	-	1.2	-	2.3	6	-												● ● ● ●
	TNGA160412PHS01020	S01020	60	9.525	4.76	-	1.2	-	2.3	6	-												● ● ● ●
	TNGA160412PHS01325	S01325	60	9.525	4.76	-	1.2	-	2.3	6	-												● ● ● ●
	TNGA160412PHS01535	S01535	60	9.525	4.76	-	1.2	-	2.3	6	-												● ● ● ●
	TNGA160412PHT01020	T01020	60	9.525	4.76	-	1.2	-	2.3	6	-												● ● ● ●
	TNGA160412PTFNX	Up-sharp edge	60	9.525	4.76	-	1.2	-	2.3	3	-												● ● ● ●
	TNGA160416PHS01015	S01015	60	9.525	4.76	-	1.6	-	2.1	6	-												● ● ● ●
	TNGA160416PHS01325	S01325	60	9.525	4.76	-	1.6	-	2.1	6	-												● ● ● ●
	TNGA160416PHS01535	S01535	60	9.525	4.76	-	1.6	-	2.1	6	-												● ● ● ●
	TNGA160416PHT01020	T01020	60	9.525	4.76	-	1.6	-	2.1	6	-												● ● ● ●
	TNGA220412PHS01015	S01015	60	12.7	4.76	-	1.2	-	2.3	6	-												● ● ● ●
	TNGA220412PHS01535	S01535	60	12.7	4.76	-	1.2	-	2.3	6	-												● ● ● ●



General Turning
Toolholders
U

TNMN



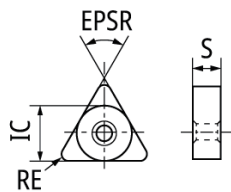
Steel	
Stainless Steel	
Cast Iron	● ● ● ● ○ ○
Non-Ferrous Material	
Heat Resistant Alloy	
Hardened Material	● ● ● ● ● ●
Others (non-metallic)	

Shape	Item Number (ISO)	CECC	EPSR °	IC mm	S mm	AN °	RE mm	D2 mm	Length of edge	No. of edge	S1 mm	CBN											
												B16 PVD	B22	B23	B30	B36	B6K PVD	B40	B52	B5K PVD			
	TNMN110312ST01025	T01025	60	6.35	3.18	-	1.2	-	-	6	-												●
	TNMN160408ST01025	T01025	60	9.525	4.76	-	0.8	-	-	6	-												●
	TNMN160412ST01025	T01025	60	9.525	4.76	-	1.2	-	-	6	-												●
	TNMN160412ST02025	T02025	60	9.525	4.76	-	1.2	-	-	6	-												●



TN.. series/Inserts PCD / Diamond Coating

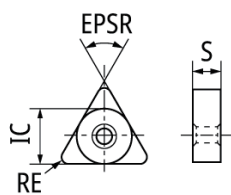
TNMX



Steel			
Stainless Steel			
Cast Iron			
Non-Ferrous Material	●	●	●
Heat Resistant Alloy			
Hardened Material			
Others (non-metallic)			●

Shape	Item Number (ISO)	CECC	EPSR °	IC mm	S mm	AN °	RE mm	No. of edge	PCD		Diamond Coating
									PD1	PD2	UC1
	TNMX160404PF	Up-sharp edge	60	9.525	4.76	-	0.4	1		●	
	TNMX160408PF	Up-sharp edge	60	9.525	4.76	-	0.8	1		●	

TNMG



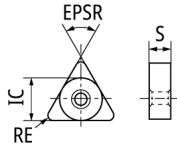
Steel			
Stainless Steel			
Cast Iron			
Non-Ferrous Material	●	●	●
Heat Resistant Alloy			
Hardened Material			
Others (non-metallic)			●

Shape	Item Number (ISO)	CECC	EPSR °	IC mm	S mm	AN °	RE mm	No. of edge	PCD		Diamond Coating
									PD1	PD2	UC1
	TNMG160402FNZP	Up-sharp edge	60	9.525	4.76	-	0.2	6			●
	TNMG160404FNZP	Up-sharp edge	60	9.525	4.76	-	0.4	6			●
	TNMG160408FNZP	Up-sharp edge	60	9.525	4.76	-	0.8	6			●

General Turning
Toolholders

TN.. series/Inserts Carbide

TN..



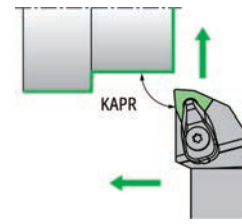
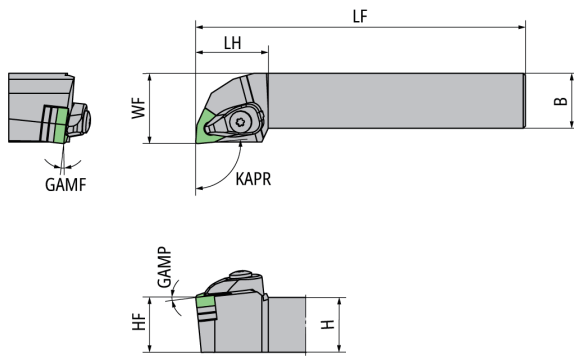
Material	Steel	Stainless Steel	Cast Iron	Non-Ferrous Material	Heat Resistant Alloy	Hardened Material	Others (non-metallic)
Steel	○	●	●	●	●	●	●
Stainless Steel	●	○	○	○	○	○	○
Cast Iron							●
Non-Ferrous Material				○	○		●
Heat Resistant Alloy		●	○	○			
Hardened Material		○	○	○			
Others (non-metallic)							●

Shape	Item Number	CECC	EPSR	IC	S	AN	RE	BS	Carbide												
									PVD	PVD	PVD	PVD	PVD	PVD	PVD	PVD	CVD	CVD	Uncoated		
									ST4	DM4	DT4	QM3	TM4	VM1	ZM3	CP1	CP7	KM1			
	TNNGG160401MFNUL	Up-sharp edge	60	9.525	4.76	-	0.1	-	●	●		●	●								
	TNNGG160402MFNUL	Up-sharp edge	60	9.525	4.76	-	0.2	-	●	●		●	●								
	TNNGG160404MFNUL	Up-sharp edge	60	9.525	4.76	-	0.4	-	●	●		●	●								
	TNNGG160408MFNUL	Up-sharp edge	60	9.525	4.76	-	0.8	-	●	●		●	●								
	TNNGG160402FNZP	Up-sharp edge	60	9.525	4.76	-	0.2	-		●		●	●	●	●						
	TNNGG160404FNZP	Up-sharp edge	60	9.525	4.76	-	0.4	-		●		●	●	●	●						
	TNNGG160408FNZP	Up-sharp edge	60	9.525	4.76	-	0.8	-		●		●	●	●	●						
	TNMG160408G	-	60	9.525	4.76	-	0.8	-													●
	TNMG160412G	-	60	9.525	4.76	-	1.2	-													●
	TNMG160404T00525Z5	T00525	60	9.525	4.76	-	0.4	-		●		●									
	TNMG160408T00525Z5	T00525	60	9.525	4.76	-	0.8	-		●		●									
	TNEG160402FLD1	Up-sharp edge	60	9.525	4.76	-	0.2	-						●							
	TNEG160402FRD1	Up-sharp edge	60	9.525	4.76	-	0.2	-						●							
	TNEG160404FLD1	Up-sharp edge	60	9.525	4.76	-	0.4	-						●							
	TNEG160404FRD1	Up-sharp edge	60	9.525	4.76	-	0.4	-						●							
	TNEG160408FLD1	Up-sharp edge	60	9.525	4.76	-	0.8	-						●							
	TNEG160408FRD1	Up-sharp edge	60	9.525	4.76	-	0.8	-						●							
	TNGG160401FRU2	Up-sharp edge	60	9.525	4.76	-	0.1	-								●	●				
	TNGG160402FRU2	Up-sharp edge	60	9.525	4.76	-	0.2	-		●							●				
	TNGG160404FRU2	Up-sharp edge	60	9.525	4.76	-	0.2	-		●							●				
	TNGG160404FRU2	Up-sharp edge	60	9.525	4.76	-	0.4	-		●							●				
	TNGG160404FRU2	Up-sharp edge	60	9.525	4.76	-	0.4	-		●							●				
	TNGG160408FRU2	Up-sharp edge	60	9.525	4.76	-	0.8	-		●							●				
	TNGG160408FRU2	Up-sharp edge	60	9.525	4.76	-	0.8	-		●						●					
	TNGG160402FRC	Up-sharp edge	60	9.525	4.76	-	0.2	-													●
	TNGG160401FRDA	Up-sharp edge	60	9.525	4.76	-	0.1	-								●	●				

General Turning
Toolholders
U1

WN.. series/Toolholders

WWLN Multi Clamp Toolholders



● Diagram shows right-hand tool

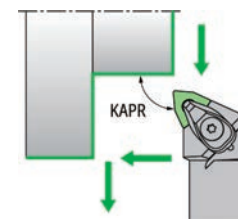
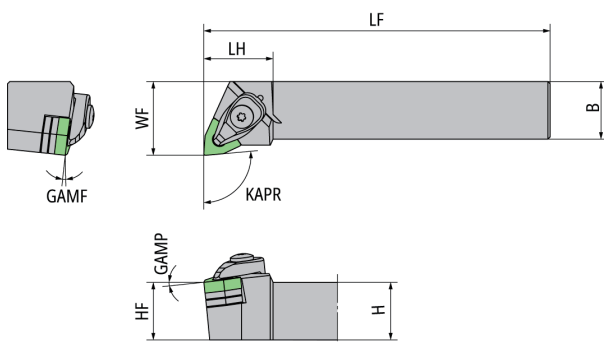
EDP	Item Number	Stock	Hand	B mm	GAMF °	GMAP °	H mm	HF mm	KAPR °	LF mm	LH mm	WF mm	Insert Gage
5683016	WWLNR2525M08	●	R	25	6	6	25	25	95	150	33	32	WN..0804.. (WN..0807..)
5683024	WWLNL2525M08	●	L	25	6	6	25	25	95	150	33	32	WN..0804.. (WN..0807..)

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Clamp screw)	Wrench (for Shim)	Spring
WWLNR2525M08	DC6CN	AWN423-W	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D
WWLNL2525M08	DC6CN	AWN423-W	AOS-6*30W	FSS15-3.0*12	LLR-T20	LLR-T10	ASGL6-D

General Turning
Toolholders

WWLN-2 Multi Clamp Toolholders



● Diagram shows right-hand tool

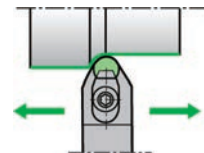
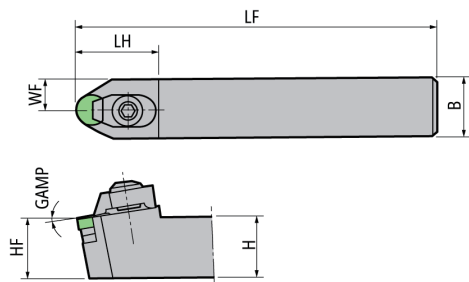
EDP	Item Number	Stock	Hand	B mm	GAMF °	GMAP °	H mm	HF mm	KAPR °	LF mm	LH mm	WF mm	Insert Gage
5701578	WWLNR2525M08-2	●	R	25	6	6	25	25	95	150	30	32	WN..0804.. (WN..0807..)
5701586	WWLNL2525M08-2	●	L	25	6	6	25	25	95	150	30	32	WN..0804.. (WN..0807..)

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Clamp screw)	Wrench (for Shim)	Spring
WWLNR2525M08-2	DC6CN	AWN423-W	AOS-6*30W	FSS18-3.0*14	LLR-T20	LLR-T10	ASGL6-D
WWLNL2525M08-2	DC6CN	AWN423-W	AOS-6*30W	FSS18-3.0*14	LLR-T20	LLR-T10	ASGL6-D

RN.. series/Toolholders

CRDN

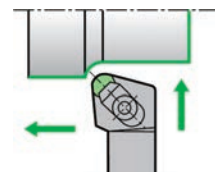
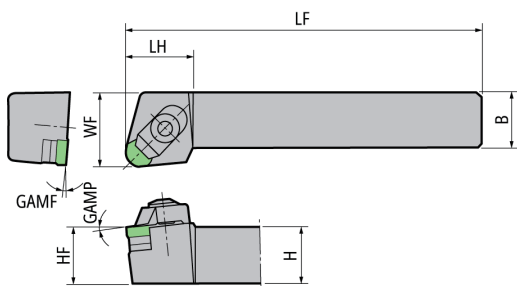


EDP	Item Number	Stock	Hand	B mm	GMAP °	H mm	HF mm	LF mm	LH mm	WF mm	Insert Gage
5700323	CRDNN2525M12	●	N	25	6	25	25	150	34	12.5	RN..1204.. (RN..1207..)
5700331	CRDNN3225P12	●	N	25	6	32	32	170	34	12.5	RN..1204.. (RN..1207..)

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Clamp screw)	Snap
CRDNN2525M12	CC08M	ARN42	BS0835W	M3*12	LW-4	SR08
CRDNN3225P12	CC08M	ARN42	BS0835W	M3*12	LW-4	SR08

CRGN



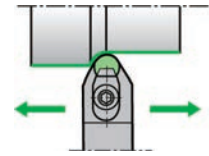
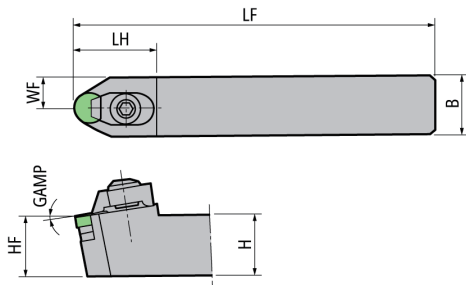
● Diagram shows right-hand tool

EDP	Item Number	Stock	Hand	B mm	GAMF °	GMAP °	H mm	HF mm	LF mm	LH mm	WF mm	Insert Gage
5829395	CRGNR3225P12	●	R	25	6	6	32	32	170	30	32	RN..1204.. (RN..1207..)

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Clamp screw)	Snap
CRGNR3225P12	CC08M	ARN42	BS0835W	M3*12	LW-4	SR08

C54

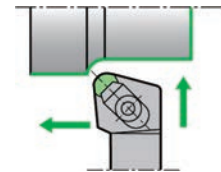
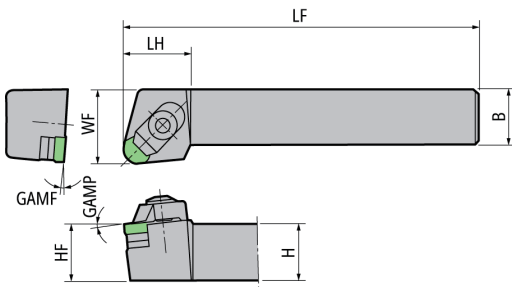


EDP	Item Number	Stock	Hand	B mm	GMAP °	H mm	HF mm	LF mm	LH mm	WF mm	Insert Gage
5538392	C54M-44	●	N	25	8	25	25	160	33	12.5	RN..1204.. (RN..1207..)

Spare Parts

Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Clamp screw)	Snap
C54M-44	CC08M	ARN42	BS0835W	M3*12	LW-4	SR08

C55



● Diagram shows right-hand tool

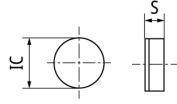
EDP	Item Number	Stock	Hand	B mm	GAMF °	GMAP °	H mm	HF mm	LF mm	LH mm	WF mm	Insert Gage
5538400	C55R-33	●	R	19	6	6	19	19	140	30	28	RN..1204.. -
5573027	C55R-44	●	R	25	6	6	25	25	160	30	30	RN..1204.. (RN..1207..)
5768221	C55R-45	●	R	25	6	6	32	32	160	30	30	RN..1204.. (RN..1207..)
5538418	C55L-44	●	L	25	6	6	25	25	160	30	30	RN..1204.. (RN..1207..)

Spare Parts



Item Number	Clamp	Shim	Clamp screw	Screw (for Shim)	Wrench (for Clamp screw)	Snap
C55R-33	CC08M	ARN42	BS0829W	M3*12	LW-4	SR08
C55R-44	CC08M	ARN42	BS0835W	M3*12	LW-4	SR08
C55R-45	CC08M	ARN42	BS0835W	M3*12	LW-4	SR08
C55L-44	CC08M	ARN42	BS0835W	M3*12	LW-4	SR08

RN.. series/Inserts CBN

RN.N



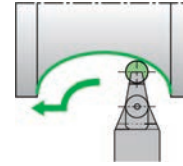
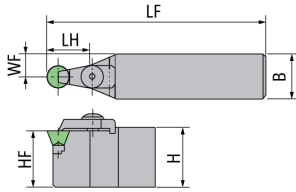
Steel	
Stainless Steel	
Cast Iron	● ● ● ● ○ ○
Non-Ferrous Material	
Heat Resistant Alloy	
Hardened Material	● ● ● ● ●
Others (non-metallic)	

Shape	Item Number (ISO)	CECC	EPSR °	IC mm	S mm	AN °	RE mm	D2 mm	Length of edge	No. of edge	S1 mm	CBN									
												B16 PVD	B22	B23	B30	B36	B6K PVD	B40	B52	B5K PVD	
	RNMN120300ST01025	T01025	-	12.7	3.18	-	-	-	-	-	-	●									
	RNMN120400ST01025	T01025	-	12.7	4.76	-	-	-	-	-	-	●									
	RNGN120400S	Z01015	-	12.7	4.76	-	-	-	-	-	-	●									

General Turning
Toolholders

RCGX/RPGX.. series/Toolholders

CRDC



EDP	Item Number	Stock	Hand	B mm	H mm	HF mm	LF mm	LH mm	Insert Gage
5911557	CRDCN3225P06	●	N	25	32	32	170	20	RCGX0607../RPGX0607..
5829528	CRDCN3225P09	●	N	25	32	32	170	20	RCGX0907../RPGX0907..
5829510	CRDCN3225P12	●	N	25	32	32	170	25	RCGX1207../RPGX1207..

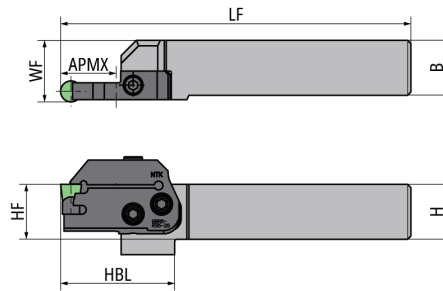
Spare Parts

Item Number	Clamp	Shim	Clamp screw	Wrench (for Clamp screw)	Washer	Spring pin
CRDCN3225P06	HC35KR-4099	HARCGX06	BS0520	LW-3	WS-5	-
CRDCN3225P09	HC35KR-6075	HARCGX0908V	BS0625	LW-4	WS-6	2*8AW
CRDCN3225P12	HC35KR-6076	HARCGX1208V	BS0625	LW-4	WS-6	2.5*8AW

SCRUM DUO BLADE

RCGX/RPGX.. series/Straight style toolholder

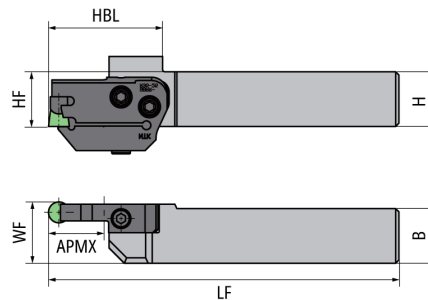
GTWPR



● Diagram shows right-hand tool

Blade number	Stock	Insert	Dimensions(mm)			Dimensions(mm)				
			APMX	Holder	LF	HBL	WF	H	B	HF
GBRR-R23-19	●	RCGX0604 RPGX0604	19	GTWPR2020-H	130.1	51.1	23	20	20	20
				GTWPR2525-H	155.1	47.1	28	25	25	25
				GTWPR3232-H	175.1	-	35	32	32	32
GBRR-R35-25	●	RCGX0907 RPGX0907	25.4	GTWPR2020-H	135.2	56.2	23	20	20	20
				GTWPR2525-H	160.2	52.2	28	25	25	25
				GTWPR3232-H	180.2	-	35	32	32	32
GBRR-R45-28	●	RCGX1207 RPGX1207	28.5	GTWPR2020-H	137.7	58.7	23	20	20	20
				GTWPR2525-H	162.7	54.7	28	25	25	25
				GTWPR3232-H	182.7	-	35	32	32	32

GTWPL



● Diagram shows left-hand tool

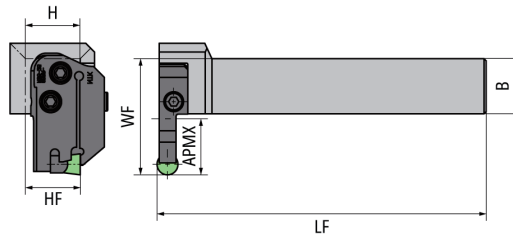
Blade number	Stock	Insert	Dimensions(mm)			Dimensions(mm)				
			APMX	Holder	LF	HBL	WF	H	B	HF
GBRL-R23-19	●	RCGX0604 RPGX0604	19	GTWPL2020-H	130.1	51.1	23	20	20	20
				GTWPL2525-H	155.1	47.1	28	25	25	25
				GTWPL3232-H	175.1	-	35	32	32	32
GBRL-R35-25	●	RCGX0907 RPGX0907	25.4	GTWPL2020-H	135.2	56.2	23	20	20	20
				GTWPL2525-H	160.2	52.2	28	25	25	25
				GTWPL3232-H	180.2	-	35	32	32	32
GBRL-R45-28	●	RCGX1207 RPGX1207	28.5	GTWPL2020-H	137.7	58.7	23	20	20	20
				GTWPL2525-H	162.7	54.7	28	25	25	25
				GTWPL3232-H	182.7	-	35	32	32	32

Spare Parts

Blade Number	Clamp screw
GBRR-R23-19	CS0515
GBRR-R35-25	CS0515
GBRR-R45-28	CS0615
GBRL-R23-19	CS0515
GBRL-R35-25	CS0515
GBRL-R45-28	CS0615

RCGX/RPGX.. series/L-style toolholder

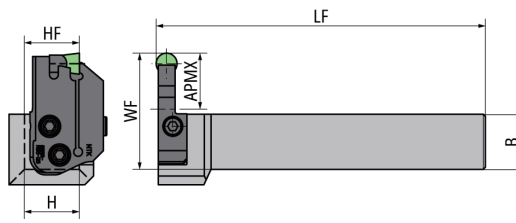
GKWPR



● Diagram shows right-hand tool

Blade number	Stock	Insert	Dimensions(mm)			Dimensions(mm)				
			APMX	Holder	LF	HBL	WF	H	B	HF
GBRL-R23-19	●	RCGX0604 RPGX0604	19	GKWPR2020-H	125	-	42.6	20	20	20
				GKWPR2525-H	150	-	47.6	25	25	25
				GKWPR3232-H	170	-	54.6	32	32	32
GBRL-R35-25	●	RCGX0907 RPGX0907	25.4	GKWPR2020-H	125	-	47.7	20	20	20
				GKWPR2525-H	150	-	52.7	25	25	25
				GKWPR3232-H	170	-	59.7	32	32	32
GBRL-R45-28	●	RCGX1207 RPGX1207	28.5	GKWPR2020-H	125	-	50.2	20	20	20
				GKWPR2525-H	150	-	55.2	25	25	25
				GKWPR3232-H	170	-	62.2	32	32	32

GKWPL



● Diagram shows left-hand tool

Blade number	Stock	Insert	Dimensions(mm)			Dimensions(mm)				
			APMX	Holder	LF	HBL	WF	H	B	HF
GBRR-R23-19	●	RCGX0604 RPGX0604	19	GKWPL2020-H	125	-	42.6	20	20	20
				GKWPL2525-H	150	-	47.6	25	25	25
				GKWPL3232-H	170	-	54.6	32	32	32
GBRR-R35-25	●	RCGX0907 RPGX0907	25.4	GKWPL2020-H	125	-	47.7	20	20	20
				GKWPL2525-H	150	-	52.7	25	25	25
				GKWPL3232-H	170	-	59.7	32	32	32
GBRR-R45-28	●	RCGX1207 RPGX1207	28.5	GKWPL2020-H	125	-	50.2	20	20	20
				GKWPL2525-H	150	-	55.2	25	25	25
				GKWPL3232-H	170	-	62.2	32	32	32

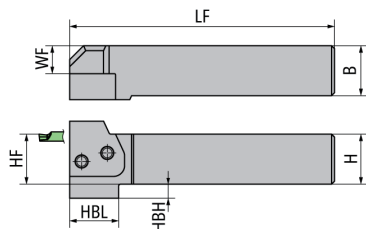
Spare Parts

Blade Number	Clamp screw
GBRL-R23-19	CS0515
GBRL-R35-25	CS0515
GBRL-R45-28	CS0615
GBRR-R23-19	CS0515
GBRR-R35-25	CS0515
GBRR-R45-28	CS0615

SCRUM DUO BLADE

RCGX/RPGX.. series/Toolholders

GTWP-H Straight style toolholder



● Diagram shows right-hand tool

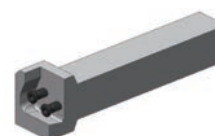
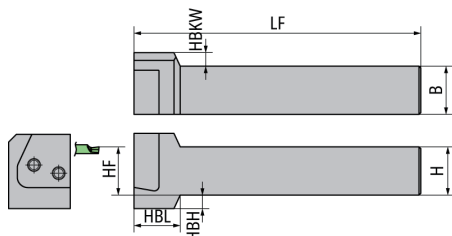
EDP	Item Number	Stock	Hand	B mm	H mm	HBH mm	HBL mm	HF mm	LF mm	Insert Gage
5923784	GTWPR2020-H	●	R	20	20	8	28.5	20	107.5	GWPFM../VGW../RCGX../RPGX..
5923800	GTWPR2525-H	●	R	25	25	7	24.5	25	132.5	GWPFM../VGW../RCGX../RPGX..
5963657	GTWPR3232-H	●	R	32	32	-	-	32	152.5	GWPFM../VGW../RCGX../RPGX..
5923792	GTWPL2020-H	●	L	20	20	8	28.5	20	107.5	GWPFM../VGW../RCGX../RPGX..
5923818	GTWPL2525-H	●	L	25	25	7	24.5	25	132.5	GWPFM../VGW../RCGX../RPGX..
5963673	GTWPL3232-H	●	L	32	32	-	-	32	152.5	GWPFM../VGW../RCGX../RPGX..

Spare Parts

Item Number	Blade	Mounting screw	Wrench (for Mounting screw)
GTWPR2020-H	GBWPF..../GBRR-R../GBVR-VGW../GBI-VGW.R../GBO-VGW.R..	FSI28-6.0*18	LW-4
GTWPR2525-H	GBWPF..../GBRR-R../GBVR-VGW../GBI-VGW.R../GBO-VGW.R..	FSI28-6.0*18	LW-4
GTWPR3232-H	GBWPF..../GBRR-R../GBVR-VGW../GBI-VGW.R../GBO-VGW.R..	FSI28-6.0*18	LW-4
GTWPL2020-H	GBWPF..../GBRL-R../GBVL-VGW../GBI-VGW.L../GBO-VGW.L..	FSI28-6.0*18	LW-4
GTWPL2525-H	GBWPF..../GBRL-R../GBVL-VGW../GBI-VGW.L../GBO-VGW.L..	FSI28-6.0*18	LW-4
GTWPL3232-H	GBWPF..../GBRL-R../GBVL-VGW../GBI-VGW.L../GBO-VGW.L..	FSI28-6.0*18	LW-4

General Turning
Toolholders

GKWP-H L-style toolholder



● Diagram shows right-hand tool

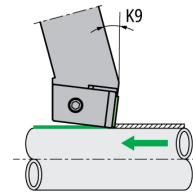
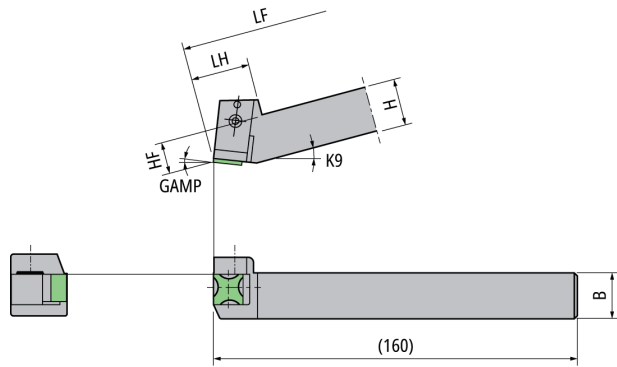
EDP	Item Number	Stock	Hand	B mm	H mm	HBH mm	HBKW mm	HBL mm	HF mm	LF mm	Insert Gage
5923826	GKWPR2020-H	●	R	20	20	8	12	24	20	124	GWPFM../VGW../RCGX../RPGX..
5923842	GKWPR2525-H	●	R	25	25	7	7	24	25	149	GWPFM../VGW../RCGX../RPGX..
5963681	GKWPR3232-H	●	R	32	32	-	-	-	32	169	GWPFM../VGW../RCGX../RPGX..
5923834	GKWPL2020-H	●	L	20	20	8	12	24	20	124	GWPFM../VGW../RCGX../RPGX..
5923859	GKWPL2525-H	●	L	25	25	7	7	24	25	149	GWPFM../VGW../RCGX../RPGX..
5963699	GKWPL3232-H	●	L	32	32	-	-	-	32	169	GWPFM../VGW../RCGX../RPGX..

Spare Parts

Item Number	Blade	Mounting screw	Wrench (for Mounting screw)
GKWPR2020-H	GBWPF..../GBRL-R../GBVL-VGW../GBI-VGW.L../GBO-VGW.L..	FSI28-6.0*18	LW-4
GKWPR2525-H	GBWPF..../GBRL-R../GBVL-VGW../GBI-VGW.L../GBO-VGW.L..	FSI28-6.0*18	LW-4
GKWPR3232-H	GBWPF..../GBRL-R../GBVL-VGW../GBI-VGW.L../GBO-VGW.L..	FSI28-6.0*18	LW-4
GKWPL2020-H	GBWPF..../GBRR-R../GBVR-VGW../GBI-VGW.R../GBO-VGW.R..	FSI28-6.0*18	LW-4
GKWPL2525-H	GBWPF..../GBRR-R../GBVR-VGW../GBI-VGW.R../GBO-VGW.R..	FSI28-6.0*18	LW-4
GKWPL3232-H	GBWPF..../GBRR-R../GBVR-VGW../GBI-VGW.R../GBO-VGW.R..	FSI28-6.0*18	LW-4

TSN.. series/Toolholders

HN..ATS



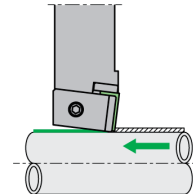
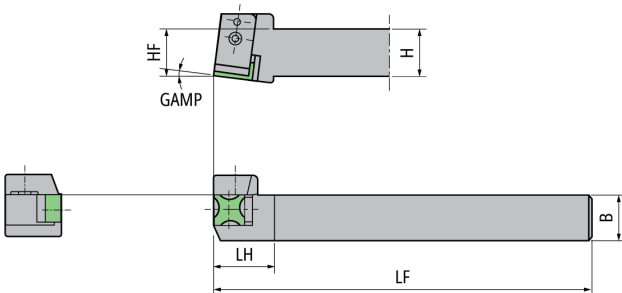
● Diagram shows left-hand(60) tool

EDP	Item Number	Stock	Hand	B mm	GMAP °	H mm	HF mm	K9 °	LF mm	LH mm	Insert Gage	
-	HN59ATS-33E	-	R	19	7	19	12.5	15	160	26	TSN1207..	TSN45..
5350574	HN59ATS-44E	●	R	25	7	25	18.5	15	160	26	TSN1207..	TSN45..
-	HN59ATS-44E-5	-	R	25	7	25	18.5	15	160	26	TSN1507..	TSN55..
-	HN60ATS-33E	-	L	19	7	19	12.5	15	160	26	TSN1207..	TSN45..
-	HN60ATS-44E	-	L	25	7	25	18.5	15	160	26	TSN1207..	TSN45..
-	HN60ATS-44E-5	-	L	25	7	25	18.5	15	160	26	TSN1507..	TSN55..

Spare Parts

Item Number	Clamp	Shim	Shim	Clamp screw	Screw (for Shim)	Screw (for Shim)	Wrench (for Clamp screw)
HN59ATS-33E	HC59TS-4	ASN423	AZT659D	WS0620	M3*5.5	M3*8	LW-3
HN59ATS-44E	HC59TS-4	ASN423	AZT659D	WS0620	M3*5.5	M3*8	LW-3
HN59ATS-44E-5	HC59TS-4	ASN522	HAZT1255A	WS0620	M3*8	M4*5.5	LW-3
HN60ATS-33E	HC60TS-4	ASN423	AZT659D	WS0620	M3*5.5	M3*8	LW-3
HN60ATS-44E	HC60TS-4	ASN423	AZT659D	WS0620	M3*5.5	M3*8	LW-3
HN60ATS-44E-5	HC60TS-4	ASN522	HAZT1255A	WS0620	M3*8	M4*5.5	LW-3

HN..BTS



● Diagram shows left-hand(60) tool

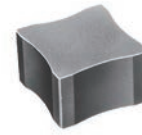
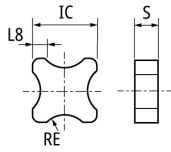
EDP	Item Number	Stock	Hand	B mm	GMAP °	H mm	HF mm	LF mm	LH mm	Insert Gage	
-	HN59BTS-44E	-	R	25	7	25	25	160	25	TSN1207..	TSN45..
-	HN59BTS-44E-5	-	R	25	7	25	25	160	25	TSN1507..	TSN55..
-	HN60BTS-33E	-	L	19	7	19	19	160	25	TSN1207..	TSN45..
-	HN60BTS-44E	-	L	25	7	25	25	160	25	TSN1207..	TSN45..
-	HN60BTS-44E-5	-	L	25	7	25	25	160	25	TSN1507..	TSN55..

Spare Parts

Item Number	Clamp	Shim	Shim	Clamp screw	Screw (for Shim)	Screw (for Shim)	Wrench (for Clamp screw)
HN59BTS-44E	HC59TS-4	ASN423	AZT659D	WS0620	M3*5.5	M3*8	LW-3
HN59BTS-44E-5	HC59TS-4	ASN522	HAZT1255A	WS0620	M3*8	M4*5.5	LW-3
HN60BTS-33E	HC60TS-4	ASN423	AZT659D	WS0620	M3*5.5	M3*8	LW-3
HN60BTS-44E	HC60TS-4	ASN423	AZT659D	WS0620	M3*5.5	M3*8	LW-3
HN60BTS-44E-5	HC60TS-4	ASN522	HAZT1255A	WS0620	M3*8	M4*5.5	LW-3

TSN.. series/Inserts Ceramics

TSN



Item Number	IC	RE	S	L8	Alumina Ceramics	
	mm	mm	mm	mm	CX3	HC1
TSN1207-10	12.7	10	7.94	2.1	■	●
TSN1207-12	12.7	12	7.94	2.1	■	●
TSN1207-14	12.7	14	7.94	2.1	■	●
TSN1207-16	12.7	16	7.94	2.1	■	●
TSN1207-18	12.7	18	7.94	2.1	■	●
TSN1207-20	12.7	20	7.94	2.1	■	●
TSN1207-25	12.7	25	7.94	2.1	■	●
TSN1207-30	12.7	30	7.94	2.1	■	●
TSN1207-35	12.7	35	7.94	2.1	■	●
TSN1207-40	12.7	45	7.94	2.1	■	●
TSN1207-50	12.7	50	7.94	2.1	■	●
TSN1507-20	15.875	20	7.94	3.2	■	●
TSN1507-25	15.875	25	7.94	3.2	■	●
TSN1507-30	15.875	30	7.94	3.2	■	●
TSN1507-35	15.875	35	7.94	3.2	■	●
TSN1507-40	15.875	40	7.94	3.2	■	●
TSN1507-45	15.875	45	7.94	3.2	■	●