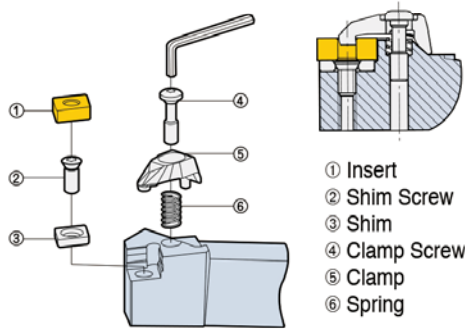


External turning tools

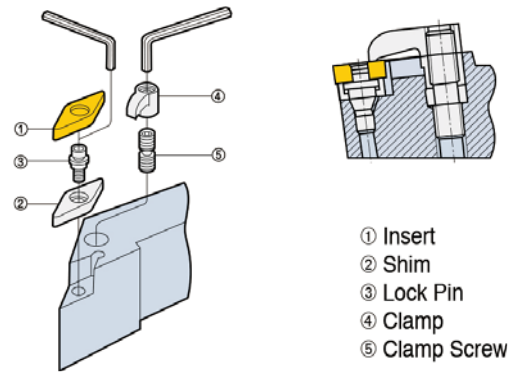


Toolholder Clamping System

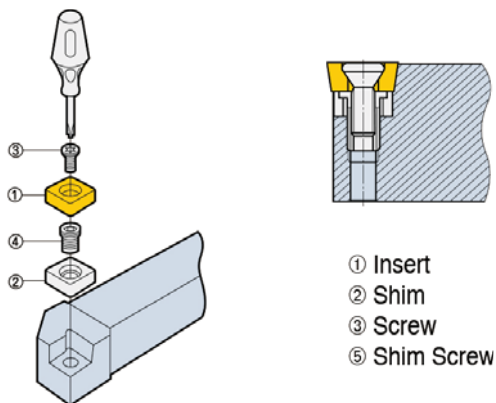
D-Clamp Type



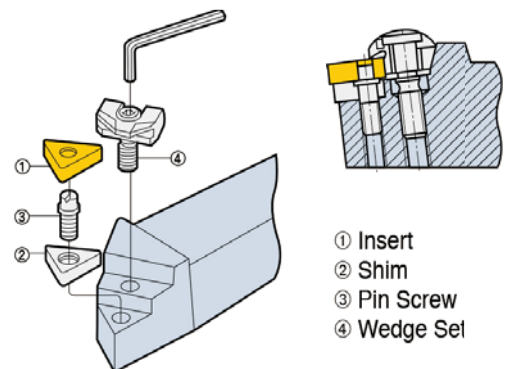
M-Multi Lock Type



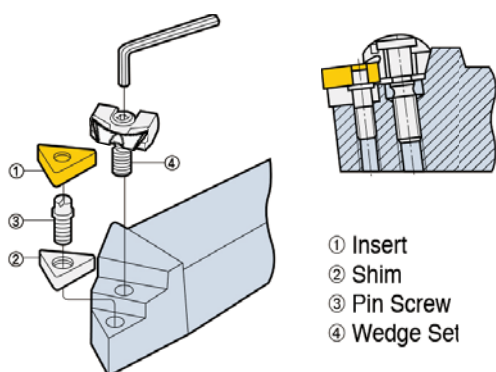
S-Screw Clamp Type



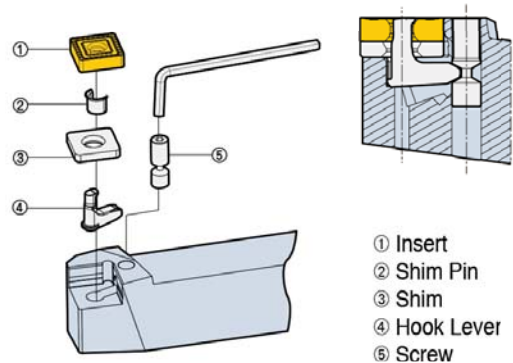
W-Wedge Clamp Type



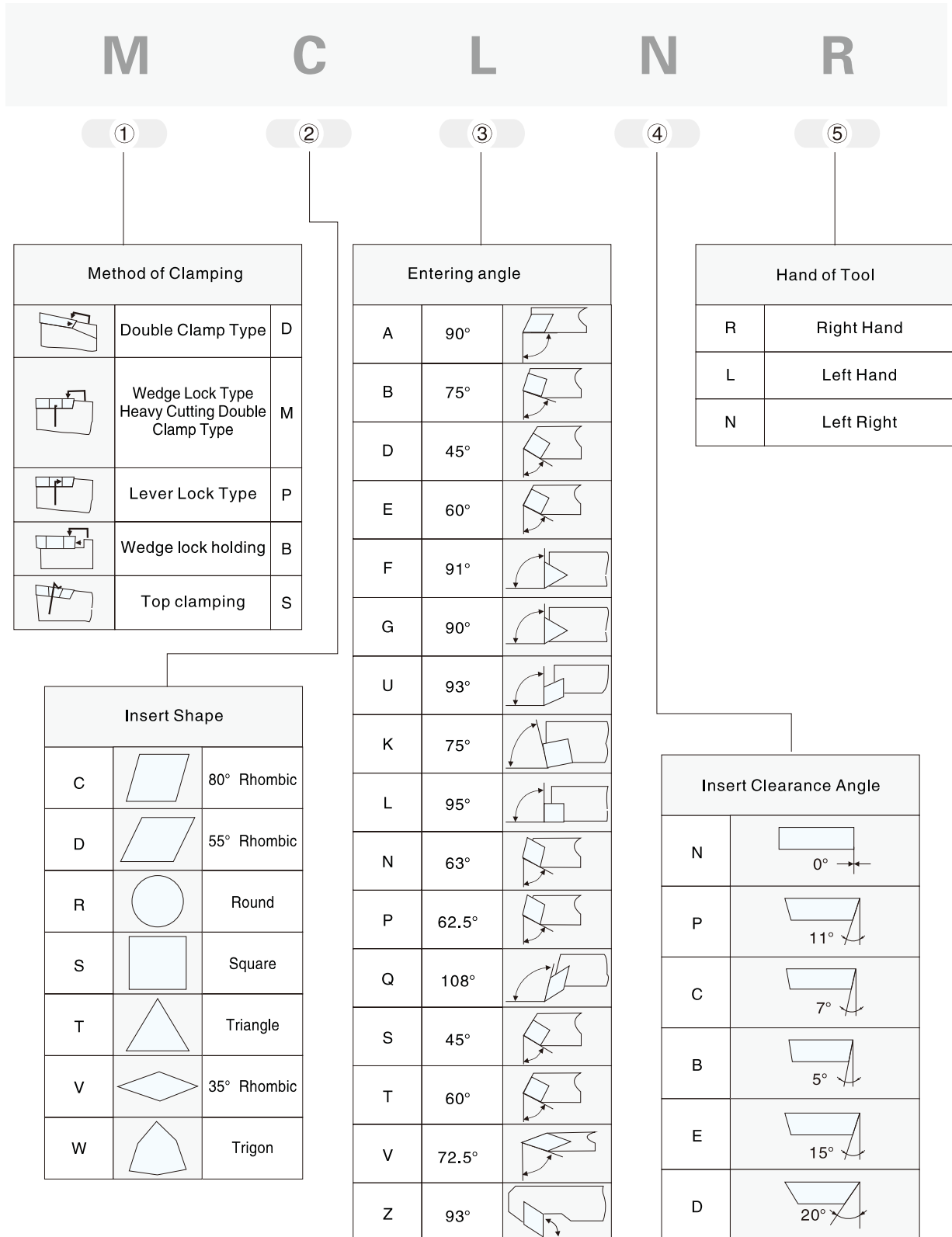
B-Clamp Holder



P-Lever Type



External Turning Toolholders Identification System



Turning inserts

External turning

Internal turning

Grooving & parting

Threading

Milling

Boring & drilling

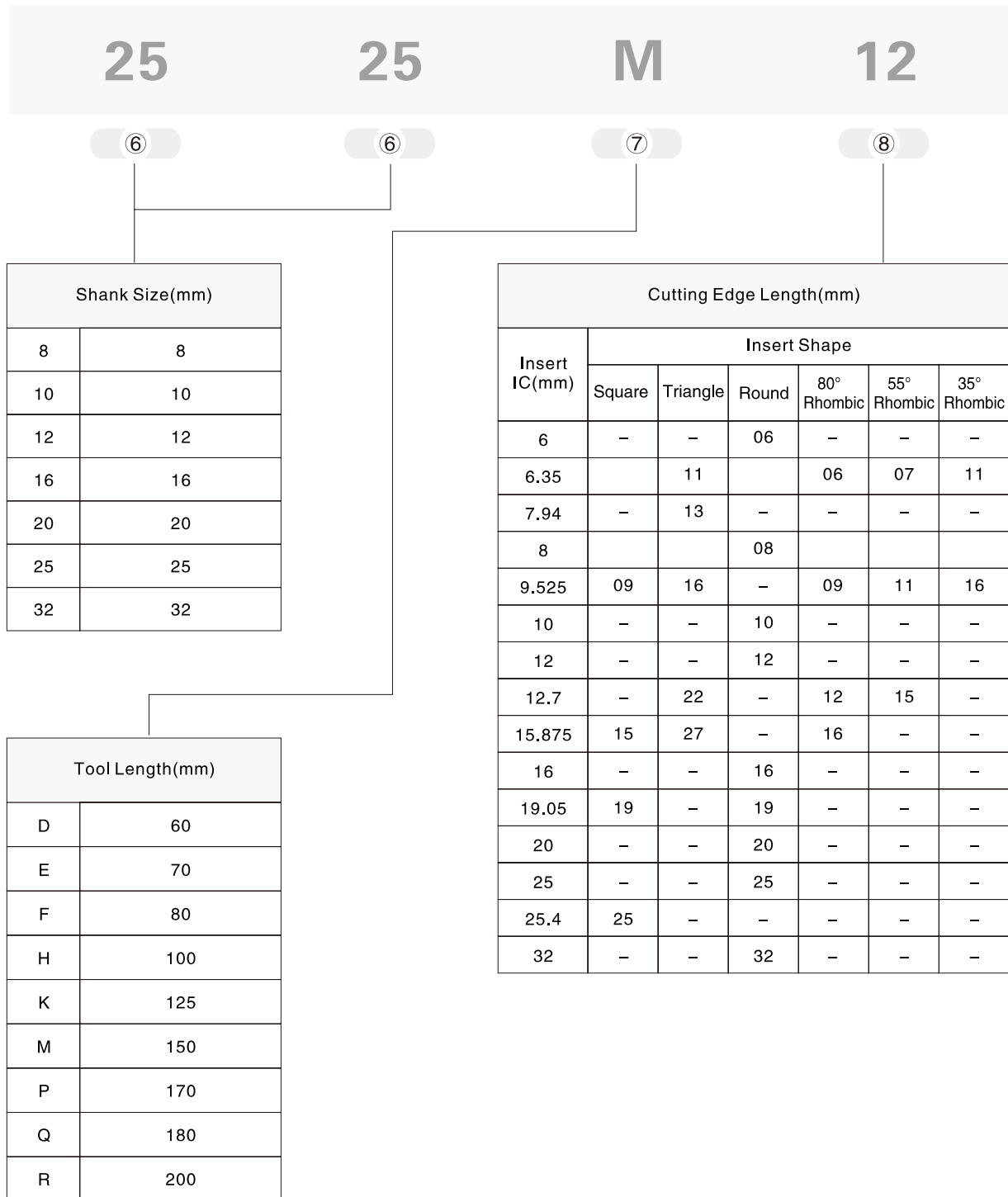
Tool holder

Solid carbide end mills

Solid carbide drill & taps

Technical information

External Turning Toolholders Identification System



Turning inserts

External turning

Internal turning

Grooving & parting

Threading

Milling

Boring & drilling

Tool holder

Solid carbide end mills

Solid carbide drill & taps

Technical information

MCLNR/L



P039

PCLNR/L



P039

DCLNR/L



P040

BCLNR/L



P040

MCBNR/L



P041

PCBNR/L



P041

MCKNR/L



P042

PCKNR/L



P042

MCMNN / MCMNN-100



P043

MDJNR/L



P043

DDJNR/L



P044

PDJNR/L



P044

MDQNR/L



P045

DDQNR/L



P045

PDPNN



P046

DDPNN



P046

MSBNR/L



P047

PSBNR/L



P047

MSKNR/L



P048

PSKNR/L



P048

MSDNN/PSDNN



P049

MSSNR/L



P050

PSSNR/L



P050

MTJNR/L



P051

External turning tools



Turning inserts

External turning

Internal turning

Grooving & parting

Threading

Milling

Boring & drilling

Tool holder

Solid carbide end mills

Solid carbide drill & taps

Technical information

Turning inserts

External turning

Internal turning

Grooving & parting

Threading

Milling

Boring & drilling

Tool holder

Solid carbide end mills

Solid carbide drill & taps

Technical information

BWLNRL



P064

SCLCR/L



P065

SCKCR/L



P065

SCBCR/L



P066

SCMCN



P066

SDJCR/L



P067

SDQCR/L



P067

SDFCR/L



P068

SDACR/L



P068

SDNCN



P069

SSBCR/L



P069

SSKCR/L



P070

SSSCR/L



P070

STGCR/L



P071

STFCR/L



P071

SVJCR/L



P072

SVQCR/L



P072

SVJBR/L



P073

SVQBR/L



P073

SVUCR/L



P074

SVVCN



P074

SRACR/L CRACR/L



P075

SRGCR/L



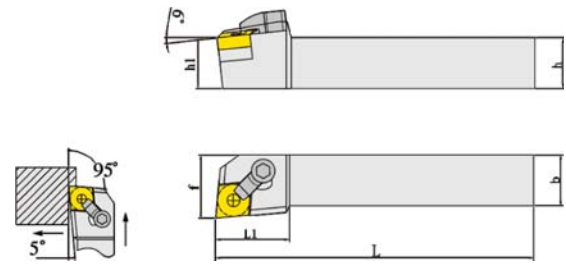
P076

SRDCN/CRDCN



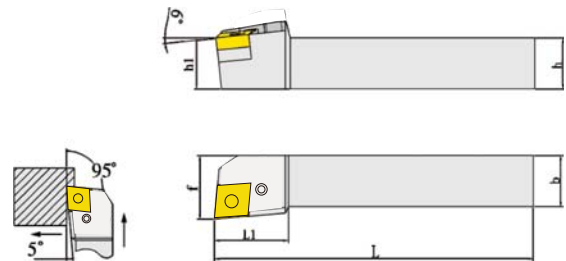
P077

MCLNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Pin	Pressing plate	Screw	Wrench
	R	L	h	b	L	L1	h1	f						
MCLNR/L1616H12	●	●	16	16	100	34	16	20	CN**1204	CN-M1204	MXD0617	MYB1814	ST0625	L2.5 L3.0
MCLNR/L2020K12	●	●	20	20	125	34	20	25						
MCLNR/L2525M12	●	●	25	25	150	34	25	32						
MCLNR/L3232P12	●	●	32	32	170	40	32	40						

PCLNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Level	Shim	Screw	Wrench
	R	L	h	b	L	L1	h1	f						
PCLNR/L1616H12	○	○	16	16	100	28	16	20	CN**1204	CN-P1203	GGX0514	DPX0606	NLJ0820	L3.0
PCLNR/L2020K12	●	●	20	20	125	28	20	25						
PCLNR/L2525M12	●	●	25	25	150	28	25	32						
PCLNR/L3232P12	●	●	32	32	170	30	32	40						
PCLNR/L2525M16	●	●	25	25	150	33	25	32	CN**1606	CN-P1604	GGX0617	DPX0808	NLJ0821	L4.0
PCLNR/L3232P16	●	●	32	32	170	33	32	40						
PCLNR/L3232P19	●	●	32	32	170	36	32	40	CN**1906	CN-P1904	GGX0820	DPX0909	NLJ1027	
PCLNR/L4040S19	●	●	40	40	250	40	40	50						
PCLNR/L4040S25	●	●	40	40	250	47	40	50	CN**2509	CN-P2506	GGX0925	DPX1312	NLJ1237	L5.0
PCLNR/L5050T25	●	●	50	50	300	47	50	60						

● Stock ○ Available upon Order

Turning inserts

External turning

Internal turning

Grooving & parting

Threading

Milling

Boring & drilling

Tool holder

Solid carbide end mills

Solid carbide drill & taps

Technical information

Turning inserts

External turning

Internal turning

Grooving & parting

Threading

Milling

Boring & drilling

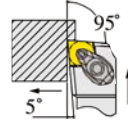
Tool holder

Solid carbide end mills

Solid carbide drill & taps

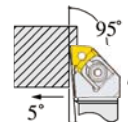
Technical information

DCLNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Pin	Pressing plate	Screw	Spring	Wrench
	R	L	h	b	L	L1	h1	f							
DCLNR/L1616H12	○	○	16	16	100	32	16	20	CN**1204	CN-D1204	DXD0614	DYB2214	DGD0520	DTN0814	L4.0
DCLNR/L2020K12	●	●	20	20	125	32	20	25							
DCLNR/L2525M12	●	●	25	25	150	32	25	32							
DCLNR/L3232P12	●	●	32	32	170	35	32	40							

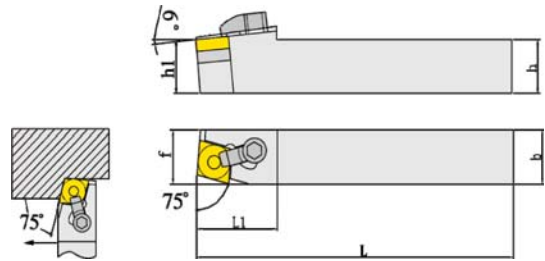
BCLNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Pin	Pressing plate	Screw	Spring	Wrench
	R	L	h	b	L	L1	h1	f							
BCLNR/L2020K12	●	●	20	20	125	32	20	25	CN**1204	CN-B1204	CTM6-S	BC12	BCS08	CR07	L3.0 L4.0
BCLNR/L2525M12	●	●	25	25	150	32	25	32							
BCLNR/L3232P12	●	●	32	32	170	35	32	40							

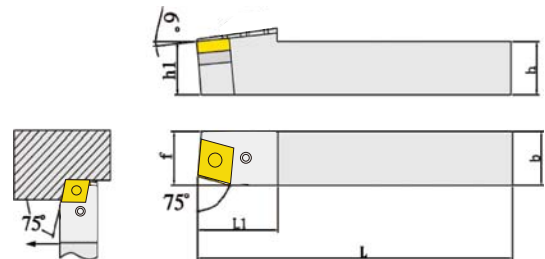
● Stock ○ Available upon Order

MCBNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Pin	Pressing plate	Screw	Wrench
	R	L	h	b	L	L1	h1	f						
MCBNR/L1616H12			16	16	100	34	16	20	CN**1204	CN-M1204	MXD0617	MYB1814	ST0625	L2.5 L3.0
MCBNR/L2020K12	●	●	20	20	125	34	20	25						
MCBNR/L2525M12	●	●	25	25	150	34	25	32						
MCBNR/L3232P12	●	●	32	32	170	40	32	40						

PCBNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Level	Shim	Screw	Wrench
	R	L	h	b	L	L1	h1	f						
PCBNR/L1616H12			16	16	100	28	16	20	CN**1204	CN-P1203	GGX0514	DPX0606	NLJ0820	L3.0
PCBNR/L2020K12	●	●	20	20	125	28	20	25						
PCBNR/L2525M12	●	●	25	25	150	28	25	32						
PCBNR/L3232P12	●	●	32	32	170	30	32	40						
PCBNR/L2525M16	●	●	25	25	150	33	25	32	CN**1606	CN-P1604	GGX0617	DPX0808	NLJ0821	L4.0
PCBNR/L3232P16	●	●	32	32	170	33	32	40						
PCBNR/L3232P19	●	●	32	32	170	36	32	40	CN**1906	CN-P1904	GGX0820	DPX0909	NLJ1027	
PCBNR/L4040S19	●	●	40	40	250	40	40	50						
PCBNR/L4040S25	●	●	40	40	250	47	40	50	CN**2509	CN-P2506	GGX0925	DPX1312	NLJ1237	L5.0
PCBNR/L5050T25	●	●	50	50	300	47	50	60						

● Stock ○ Available upon Order

Turning inserts

External turning

Internal turning

Grooving & parting

Threading

Milling

Boring & drilling

Tool holder

Solid carbide end mills

Solid carbide drill & taps

Technical information

Turning inserts

External turning

Internal turning

Grooving & parting

Threading

Milling

Boring & drilling

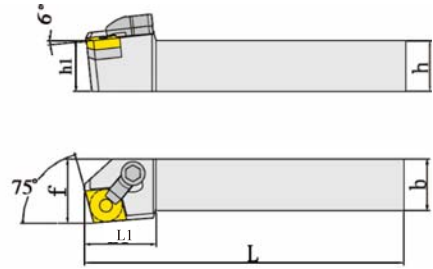
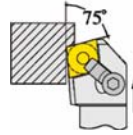
Tool holder

Solid carbide end mills

Solid carbide drill & taps

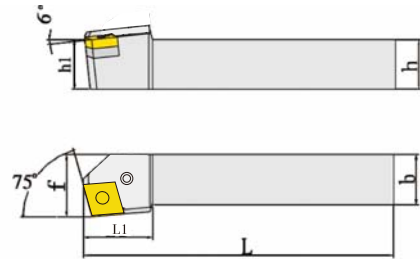
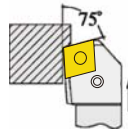
Technical information

MCKNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Pin	Pressingplate	Screw	Wrench
	R	L	h	b	L	L1	h1	f						
MCKNR/L1616H12	○	○	16	16	100	32	16	20	CN**1204	CN-M1204	MXD0617	MYB1814	ST0625	L2.5 L3.0
MCKNR/L2020K12	●	●	20	20	125	32	20	25						
MCKNR/L2525M12	●	●	25	25	150	32	25	32						
MCKNR/L3232P12	●	●	32	32	170	35	32	40						

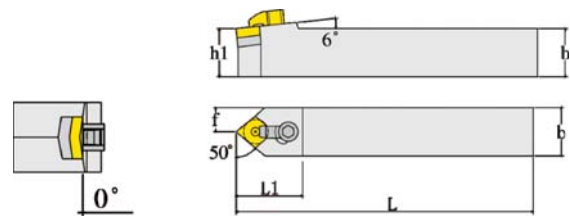
PCKNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Level	Shim	Screw	Wrench
	R	L	h	b	L	L1	h1	f						
PCKNR/L1616H12	○	○	16	16	100	28	16	20	CN**1204	CN-P1203	GGX0514	DPX0606	NLJ0820	L3.0
PCKNR/L2020K12	●	●	20	20	125	28	20	25						
PCKNR/L2525M12	●	●	25	25	150	28	25	32						
PCKNR/L3232P12	●	●	32	32	170	30	32	40						
PCKNR/L2525M16	●	●	25	25	150	33	25	32	CN**1606	CN-P1604	GGX0617	DPX0808	NLJ0821	L4.0
PCKNR/L3232P16	●	●	32	32	170	33	32	40						
PCKNR/L3232P19	●	●	32	32	170	36	32	40	CN**1906	CN-P1904	GGX0820	DPX0909	NLJ1027	L5.0
PCKNR/L4040S19	●	●	40	40	250	40	40	50						
PCKNR/L4040S25	●	●	40	40	250	47	40	50	CN**2509	CN-P2506	GGX0925	DPX1312	NLJ1237	L5.0
PCKNR/L5050T25	●	●	50	50	300	47	50	60						

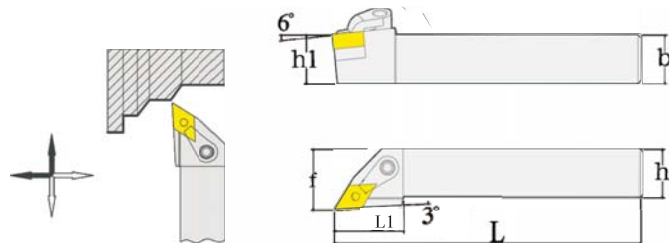
● Stock ○ Available upon Order

MCMNN / MCMNN-100



Ordering Code	Stock		Dimensions(mm)					Insert	Pad	Pin	Pressingplate	Screw	Wrench	
	○	●	h	b	L	L1	h1							f
MCMNN1616H12	○		16	16	100	35	16	8	CN**1204	CN-M1204	MXD0617	MYB1814	ST0625	L2.5 L3.0
MCMNN2020K12		●	20	20	125	35	20	10						
MCMNN2525M12		●	25	25	150	35	25	12.5						
MCMNN3232P12		●	32	32	170	35	32	40						
MCMNN2020K12-100		●	20	20	125	35	20	10						
MCMNN2525M12-100		●	25	25	150	35	25	12.5						
MCMNN3232P12-100		●	32	32	170	35	32	40						

MDJNR/L



Ordering Code	Stock		Dimensions(mm)					Insert	Pad	Pin	Pressingplate	Screw	Wrench	
	R	L	h	b	L	L1	h1							f
MDJNR/L1616H11	●	●	16	16	100	32	16	20	DN**1104	DN-M1104	MXD0513	MYB2214	ST0625	L2.0 L3.0
MDJNR/L2020K11	●	●	20	20	125	32	20	25						
MDJNR/L2525M11	●	●	25	25	150	32	25	32						
MDJNR/L2020K1504	●	●	20	20	125	38	20	25	DN**1504	DN-M1506	MXD0619	MYB2214	ST0626	L2.5 L3.0
MDJNR/L2525M1504	●	●	25	25	150	38	25	32						
MDJNR/L3232P1504	●	●	32	32	170	38	32	40						
MDJNR/L2020K1506	●	●	20	20	125	28	20	25	DN**1506	DN-M1504	MXD0619	MYB2214	ST0626	L2.5 L3.0
MDJNR/L2525M1506	●	●	25	25	150	38	25	32						
MDJNR/L3232P1506	●	●	32	32	170	38	32	40						

● Stock ○ Available upon Order

Turning inserts

External turning

Internal turning

Grooving & parting

Threading

Milling

Boring & drilling

Tool holder

Solid carbide end mills

Solid carbide drill & taps

Technical information

Turning inserts

External turning

Internal turning

Grooving & parting

Threading

Milling

Boring & drilling

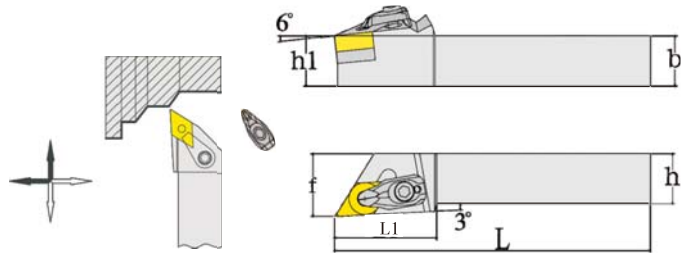
Tool holder

Solid carbide end mills

Solid carbide drill & taps

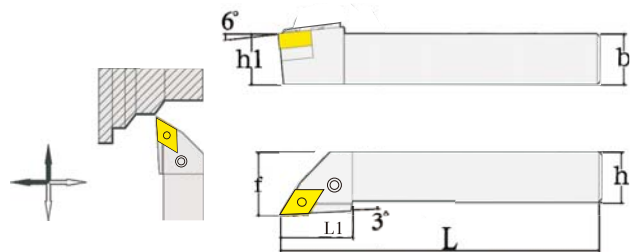
Technical information

DDJNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Pin	Pressing plate	Screw	Spring	Wrench
	R	L	h	b	L	L1	h1	f							
DDJNR/L1616H11	○	○	16	16	100	32	16	20	DN**1104	DN-D1103	DXD0512	DYB2313	DGD0520	DTN0814	L4.0
DDJNR/L2020K11	○	○	20	20	125	32	20	25							
DDJNR/L2525M11	○	○	25	25	150	32	25	32							
DDJNR/L2020K1504	●	●	20	20	125	38	20	25	DN**1504	DN-D1506	DXD0614	DYB2514	DGD0520	DTN0814	L4.0
DDJNR/L2525M1504	●	●	25	25	150	38	25	32							
DDJNR/L3232P1504	●	●	32	32	170	38	32	40							
DDJNR/L2020K1506	●	●	20	20	125	38	20	25	DN**1506	DN-D1504	DXD0614	DYB2515	DGD0520	DTN0814	L4.0
DDJNR/L2525M1506	●	●	25	25	150	38	25	32							
DDJNR/L3232P1506	●	●	32	32	170	38	32	40							

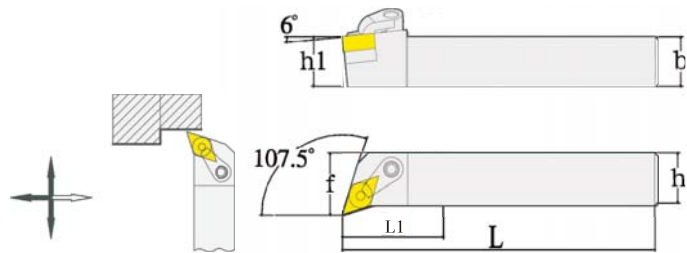
PDJNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Level	Shim	Screw	Wrench
	R	L	h	b	L	L1	h1	f						
PDJNR/L1616H11	●	●	16	16	100	32	16	20	DN**1104	DN-P1103	GGX0312	DPX0505	NLJ0618	L3.0
PDJNR/L2020K11	●	●	20	20	125	32	20	25						
PDJNR/L2525M11	●	●	25	25	150	32	25	32						
PDJNR/L2020K1504	●	●	20	20	125	38	20	25	DN**1504	DN-P1503	GGX0514	DPX0606	NLJ0820	L3.0
PDJNR/L2525M1504	●	●	25	25	150	38	25	32						
PDJNR/L3232P1504	●	●	32	32	170	38	32	40						
PDJNR/L2020K1506	●	●	20	20	125	28	20	25	DN**1506	DN-P1503	GGX0514D	DPX0606	NLJ0821	L3.0
PDJNR/L2525M1506	●	●	25	25	150	38	25	32						
PDJNR/L3232P1506	●	●	32	32	170	38	32	40						

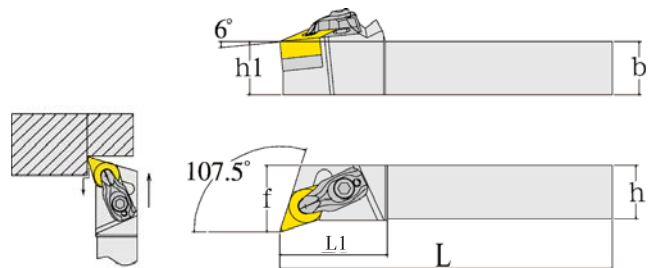
● Stock ○ Available upon Order

MDQNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Pin	Pressingplate	Screw	Wrench
	R	L	h	b	L	L1	h1	f						
MDQNR/L1616H11	○	○	16	16	100	32	16	20	DN**1104	DN-M1104	MXD0513	MYB2214	ST0625	L2.0 L3.0
MDQNR/L2020K11	○	○	20	20	125	32	20	25						
MDQNR/L2525M11	○	○	25	25	150	32	25	32	DN**1504	DN-M1506	MXD0619	MYB2214	ST0626	L2.5 L3.0
MDQNR/L2020K1504	●	●	20	20	125	38	20	25						
MDQNR/L2525M1504	●	●	25	25	150	38	25	32						
MDQNR/L3232P1504	●	●	32	32	170	38	32	40	DN**1506	DN-M1504	MXD0619	MYB2214	ST0626	L2.5 L3.0
MDQNR/L2020K1506	●	●	20	20	125	28	20	25						
MDQNR/L2525M1506	●	●	25	25	150	38	25	32	DN**1506	DN-M1504	MXD0619	MYB2214	ST0626	L2.5 L3.0
MDQNR/L3232P1506	●	●	32	32	170	38	32	40						

DDQNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Pin	Pressingplate	Screw	Spring	Wrench
	R	L	h	b	L	L1	h1	f							
DDQNR/L1616H11	○	○	16	16	100	32	16	20	DN**1104	DN-D1103	DXD0512	DYB2313	DGD0520	DTN0814	L4.0
DDQNR/L2020K11	○	○	20	20	125	32	20	25							
DDQNR/L2525M11	○	○	25	25	150	32	25	32	DN**1504	DN-D1506	DXD0614	DYB2514	DGD0520	DTN0814	L4.0
DDQNR/L2020K1504	●	●	20	20	125	38	20	25							
DDQNR/L2525M1504	●	●	25	25	150	38	25	32							
DDQNR/L3232P1504	●	●	32	32	170	38	32	40	DN**1506	DN-D1504	DXD0614	DYB2515	DGD0520	DTN0814	L4.0
DDQNR/L2020K1506	●	●	20	20	125	38	20	25							
DDQNR/L2525M1506	●	●	25	25	150	38	25	32	DN**1506	DN-D1504	DXD0614	DYB2515	DGD0520	DTN0814	L4.0
DDQNR/L3232P1506	●	●	32	32	170	38	32	40							

● Stock ○ Available upon Order

Turning inserts

External turning

Internal turning

Grooving & parting

Threading

Milling

Boring & drilling

Tool holder

Solid carbide end mills

Solid carbide drill & taps

Technical information

Turning inserts

External turning

Internal turning

Grooving & parting

Threading

Milling

Boring & drilling

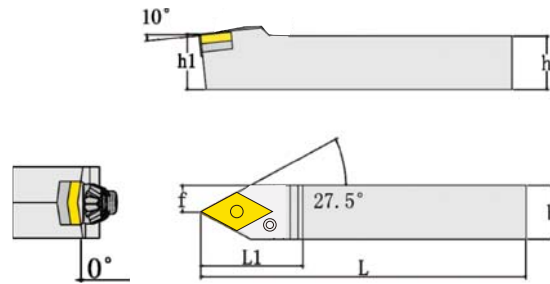
Tool holder

Solid carbide end mills

Solid carbide drill & taps

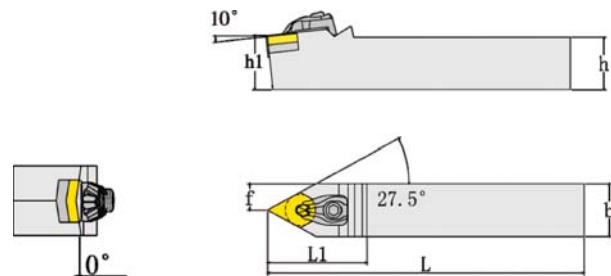
Technical information

PDPNN



Ordering Code	Stock	Dimensions(mm)						Insert	Pad	Level	Shim	Screw	Wrench
		h	b	L	L1	h1	f						
PDPNN1616H11	○	16	16	100	32	16	20	DN**1104	DN-P1103	GGX0312	DPX0505	NLJ0618	L3.0
PDPNN2020K11	○	20	20	125	32	20	25						
PDPNN2525M11	○	25	25	150	32	25	32						
PDPNN2020K1504	●	20	20	125	38	20	25	DN**1504	DN-P1503	GGX0514	DPX0606	NLJ0820	L3.0
PDPNN2525M1504	●	25	25	150	38	25	32						
PDPNN3232P1504	●	32	32	170	38	32	40						
PDPNN2020K1506	●	20	20	125	28	20	25	DN**1506	DN-P1503	GGX0514D	DPX0606	NLJ0821	L3.0
PDPNN2525M1506	●	25	25	150	38	25	32						
PDPNN3232P1506	●	32	32	170	38	32	40						

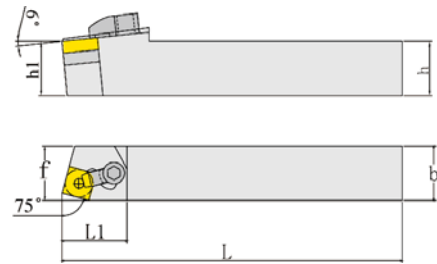
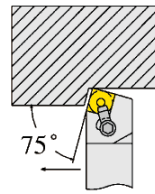
DDPNN



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Pin	Pressingplate	Screw	Spring	Wrench
	R	L	h	b	L	L1	h1	f							
DDPNN1616H11	●	●	16	16	100	32	16	20	DN**1104	DN-D1103	DXD0512	DYB2313	DGD0520	DTN0814	L4.0
DDPNN2020K11	●	●	20	20	125	32	20	25							
DDPNN2525M11	●	●	25	25	150	32	25	32							
DDPNN2020K1504	●	●	20	20	125	38	20	25	DN**1504	DN-D1506	DXD0614	DYB2514	DGD0520	DTN0814	L4.0
DDPNN2525M1504	●	●	25	25	150	38	25	32							
DDPNN3232P1504	●	●	32	32	170	38	32	40							
DDPNN2020K1506	●	●	20	20	125	38	20	25	DN**1506	DN-D1504	DXD0614	BYB2514	DGD0520	DTN0814	L4.0
DDPNN2525M1506	●	●	25	25	150	38	25	32							
DDPNN3232P1506	●	●	32	32	170	38	32	40							

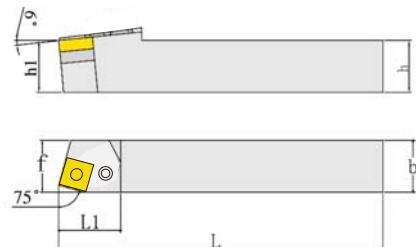
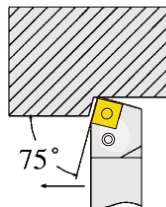
● Stock ○ Available upon Order

MSBNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Pin	Pressingplate	Screw	Wrench
	R	L	h	b	L	L1	h1	f						
MSBNR/L1616H12			16	16	100	34	16	20	SN**1204	SN-M1204	MXD0617	MYB1814	ST0625	L2.5 L3.0
MSBNR/L2020K12	●	●	20	20	125	34	20	25						
MSBNR/L2525M12	●	●	25	25	150	34	25	32						
MSBNR/L3232P12	●	●	32	32	170	40	32	40						

PSBNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Level	Shim	Screw	Wrench
	R	L	h	b	L	L1	h1	f						
PSBNR/L1616H12			16	16	100	28	16	20	SN**1204	SN-P1203	GGX0514	DPX0606	NLJ0820	L3.0
PSBNR/L2020K12	●	●	20	20	125	28	20	25						
PSBNR/L2525M12	●	●	25	25	150	28	25	32						
PSBNR/L3232P12	●	●	32	32	170	30	32	40						
PSBNR/L2525M15	●	●	25	25	150	33	25	32	SN**1506	SN-P1504	GGX0617	DPX0808	NLJ0821	
PSBNR/L3232P15	●	●	32	32	170	33	32	40						
PSBNR/L3232P19	●	●	32	32	170	36	32	40	SN**1906	SN-P1904	GGX0820	DPX0909	NLJ1027	
PSBNR/L4040S19	●	●	40	40	250	40	40	50						
PSBNR/L4040S25	●	●	40	40	250	47	40	50	SN**2509	SN-P2506	GGX0925	DPX1312	NLJ1237	
PSBNR/L5050T25	●	●	50	50	300	47	50	60						

● Stock ○ Available upon Order

Turning inserts

External turning

Internal turning

Grooving & parting

Threading

Milling

Boring & drilling

Tool holder

Solid carbide end mills

Solid carbide drill & taps

Technical information

Turning inserts

External turning

Internal turning

Grooving & parting

Threading

Milling

Boring & drilling

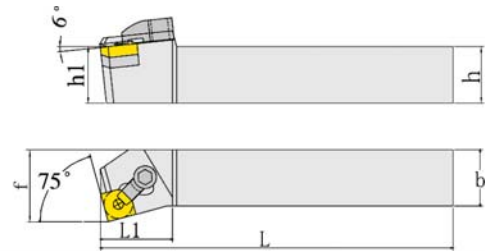
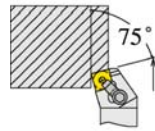
Tool holder

Solid carbide end mills

Solid carbide drill & taps

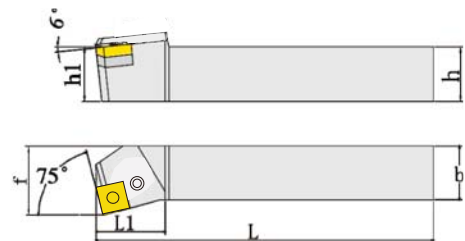
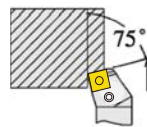
Technical information

MSKNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Pin	Pressingplate	Screw	Wrench
	R	L	h	b	L	L1	h1	f						
MSKNR/L1616H12			16	16	100	34	16	20	SN**1204	SN-M1204	MXD0617	MYB1814	ST0625	L2.5 L3.0
MSKNR/L2020K12	●	●	20	20	125	34	20	25						
MSKNR/L2525M12	●	●	25	25	150	34	25	32						
MSKNR/L3232P12	●	●	32	32	170	40	32	40						

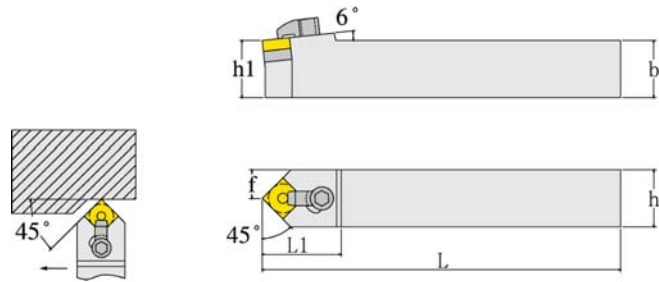
PSKNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Level	Shim	Screw	Wrench
	R	L	h	b	L	L1	h1	f						
PSKNR/L1616H12			16	16	100	28	16	20	SN**1204	SN-P1203	GGX0514	DPX0606	NLJ0820	L3.0
PSKNR/L2020K12	●	●	20	20	125	28	20	25						
PSKNR/L2525M12	●	●	25	25	150	28	25	32						
PSKNR/L3232P12	●	●	32	32	170	30	32	40						
PSKNR/L2525M15	●	●	25	25	150	33	25	32	SN**1506	SN-P1504	GGX0617	DPX0808	NLJ0821	L4.0
PSKNR/L3232P15	●	●	32	32	170	33	32	40						
PSKNR/L3232P19	●	●	32	32	170	36	32	40	SN**1906	SN-P1904	GGX0820	DPX0909	NLJ1027	
PSKNR/L4040S19	●	●	40	40	250	40	40	50						
PSKNR/L4040S25	●	●	40	40	250	47	40	50	SN**2509	SN-P2506	GGX0925	DPX1312	NLJ1237	L5.0
PSKNR/L5050T25	●	●	50	50	300	47	50	60						

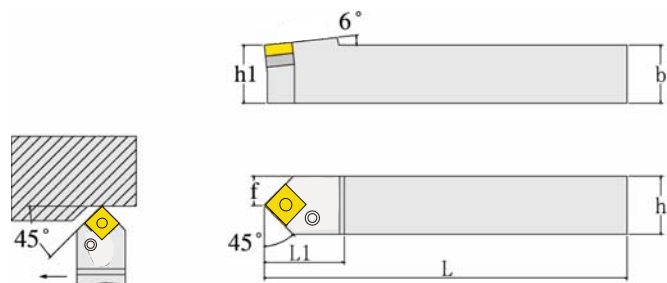
● Stock ○ Available upon Order

MSDNN



Ordering Code	Stock	Dimensions(mm)						Insert	Pad	Pin	Pressingplate	Screw	Wrench
		h	b	L	L1	h1	f						
MSDNN1616H12	○	16	16	100	34	16	20	SN**1204	SN-M1204	MXD0617	MYB1814	ST0625	L2.5 L3.0
MSDNN2020K12	●	20	20	125	34	20	25						
MSDNN2525M12	●	25	25	150	34	25	32						
MSDNN3232P12	●	32	32	170	40	32	40						

PSDNN



Ordering Code	Stock	Dimensions(mm)						Insert	Pad	Level	Shim	Screw	Wrench
		h	b	L	L1	h1	f						
PSDNN2020K12	●	20	20	125	28	20	25	SN**1204	SN-P1203	GGX0514	DPX0606	NLJ0820	L3.0
PSDNN2525M12	●	25	25	150	28	25	32						
PSDNN3232P12	●	32	32	170	30	32	40						
PSDNN2525M15	●	25	25	150	33	25	32	SN**1506	SN-P1504	GGX0617	DPX0808	NLJ0821	L3.0
PSDNN3232P15	●	32	32	170	33	32	40						
PSDNN3232P19	●	32	32	170	36	32	40	SN**1906	SN-P1904	GGX0820	DPX0909	NLJ1027	L4.0
PSDNN4040S19	●	40	40	250	40	40	50						
PSDNN4040S25	●	40	40	250	47	40	50	SN**2509	SN-P2506	GGX0925	DPX1312	NLJ1237	L5.0
PSDNN5050T25	●	50	50	300	47	50	60						

● Stock ○ Available upon Order

Turning inserts

External turning

Internal turning

Grooving & parting

Threading

Milling

Boring & drilling

Tool holder

Solid carbide end mills

Solid carbide drill & taps

Technical information

Turning inserts

External turning

Internal turning

Grooving & parting

Threading

Milling

Boring & drilling

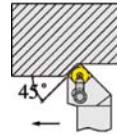
Tool holder

Solid carbide end mills

Solid carbide drill & taps

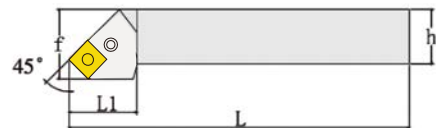
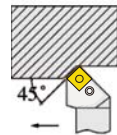
Technical information

MSSNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Pin	Pressingplate	Screw	Wrench
	R	L	h	b	L	L1	h1	f						
MSSNR/L1616H12	○	○	16	16	100	34	16	20	SN**1204	SN-M1204	MXD0617	MYB1814	ST0625	L2.5 L3.0
MSSNR/L2020K12	●	●	20	20	125	34	20	25						
MSSNR/L2525M12	●	●	25	25	150	34	25	32						
MSSNR/L3232P12	●	●	32	32	170	40	32	40						

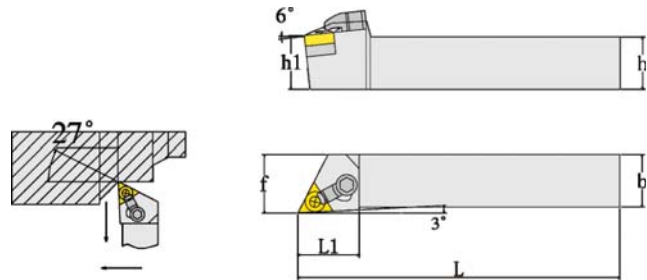
PSSNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Level	Shim	Screw	Wrench
	R	L	h	b	L	L1	h1	f						
PSSNR/L1616H12	○	○	16	16	100	28	16	20	SN**1204	SN-P1203	GGX0514	DPX0606	NLJ0820	L3.0
PSSNR/L2020K12	●	●	20	20	125	28	20	25						
PSSNR/L2525M12	●	●	25	25	150	28	25	32						
PSSNR/L3232P12	●	●	32	32	170	30	32	40						
PSSNR/L2525M15	●	●	25	25	150	33	25	32	SN**1506	SN-P1504	GGX0617	DPX0808	NLJ0821	L4.0
PSSNR/L3232P15	●	●	32	32	170	33	32	40						
PSSNR/L3232P19	●	●	32	32	170	36	32	40	SN**1906	SN-P1904	GGX0820	DPX0909	NLJ1027	
PSSNR/L4040S19	●	●	40	40	250	40	40	50						
PSSNR/L4040S25	●	●	40	40	250	47	40	50	SN**2509	SN-P2506	GGX0925	DPX1312	NLJ1237	L5.0
PSSNR/L5050T25	●	●	50	50	300	47	50	60						

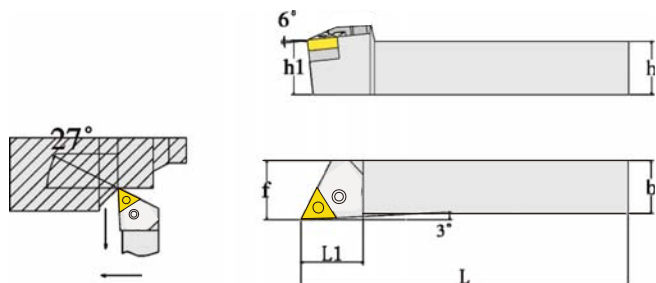
● Stock ○ Available upon Order

MTJNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Pin	Pressingplate	Screw	Wrench
	R	L	h	b	L	L1	h1	f						
MTJNR/L1616H16	●	●	16	16	100	30	16	20	TN**1604	TN-M1603	MXD0513	MYB1814	ST0625	L2.0 L3.0
MTJNR/L2020K16	●	●	20	20	125	33	20	25						
MTJNR/L2525M16	●	●	25	25	150	33	25	32						
MTJNR/L3232P16	●	●	32	32	170	37	32	40						

PTJNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Level	Shim	Screw	Wrench
	R	L	h	b	L	L1	h1	f						
PTJNR/L1616H16	○	○	16	16	100	22	16	20	TN**1604	TN-P1603	GGX0310	DPX0505	NLJ0618	L3.0
PTJNR/L2020K16	●	●	20	20	125	22	20	25						
PTJNR/L2525M16	●	●	25	25	150	28	25	32						
PTJNR/L3232P16	●	●	32	32	170	32	32	40						

● Stock ○ Available upon Order

Turning inserts

External turning

Internal turning

Grooving & parting

Threading

Milling

Boring & drilling

Tool holder

Solid carbide end mills

Solid carbide drill & taps

Technical information

Turning inserts

External turning

Internal turning

Grooving & parting

Threading

Milling

Boring & drilling

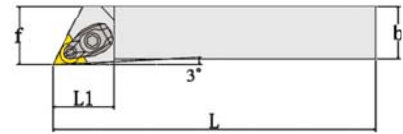
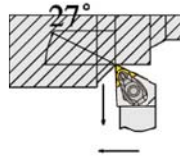
Tool holder

Solid carbide end mills

Solid carbide drill & taps

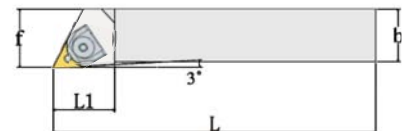
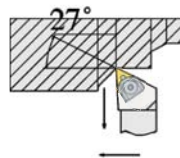
Technical information

DTJNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Pin	Pressingplate	Screw	Spring	Wrench
	R	L	h	b	L	L1	h1	f							
DTJNR/L1616H16	○	○	16	16	100	32	16	20	TN**1604	TN-D1603	DXD0512	DYB2313	DGD0520	DTN0814	L4.0
DTJNR/L2020K16	●	●	20	20	125	32	20	25							
DTJNR/L2525M16	●	●	25	25	150	32	25	32							
DTJNR/L3232P16	●	●	32	32	170	35	32	40							

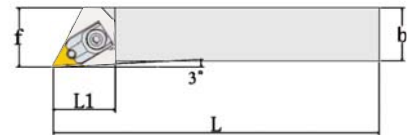
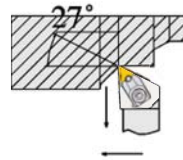
WTJNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Pin	Pressingplate	Screw	Spring	Wrench
	R	L	h	b	L	L1	h1	f							
WTJNR/L1616H16	○	○	16	16	100	32	16	20	TN**1604	TN-W1603	WXD0513	WYB1816	DGD0526	DTN0814	L2.5 L4.0
WTJNR/L2020K16	●	●	20	20	125	32	20	25							
WTJNR/L2525M16	●	●	25	25	150	32	25	32							
WTJNR/L3232P16	●	●	32	32	170	35	32	40							

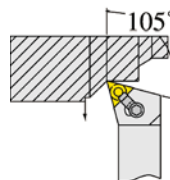
● Stock ○ Available upon Order

BTJNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Pin	Pressingplate	Screw	Spring	Wrench
	R	L	h	b	L	L1	h1	f							
BTJNR/L1616H16	●	●	16	16	100	30	16	20	TN**1604	TN-B1603	CTM5-S	BT16-N	BCS06	CR05	L2.5/3.0
BTJNR/L2020K16	●	●	20	20	125	33	20	25				BT16	BCS08	CR07	L3.0 L4.0
BTJNR/L2525M16	●	●	25	25	150	33	25	32							
BTJNR/L3232P16	●	●	32	32	170	37	32	40							

MTQNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Pin	Pressingplate	Screw	Wrench
	R	L	h	b	L	L1	h1	f						
MTQNR/L1616H16	●	●	16	16	100	30	16	20	TN**1604	TN-M1603	MXD0513	MYB1814	ST0625	L2.0 L3.0
MTQNR/L2020K16	●	●	20	20	125	30	20	25						
MTQNR/L2525M16	●	●	25	25	150	30	25	32						
MTQNR/L3232P16	●	●	32	32	170	32	32	40						

● Stock ○ Available upon Order

Turning inserts

External turning

Internal turning

Grooving & parting

Threading

Milling

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Tool holder

Solid carbide end mills

Solid carbide drill & taps

Technical information

Turning inserts

External turning

Internal turning

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Boring & drilling

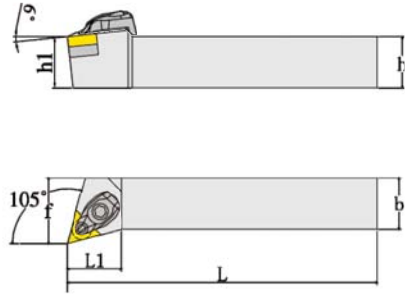
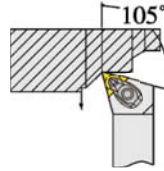
Tool holder

Solid carbide end mills

Solid carbide drill & taps

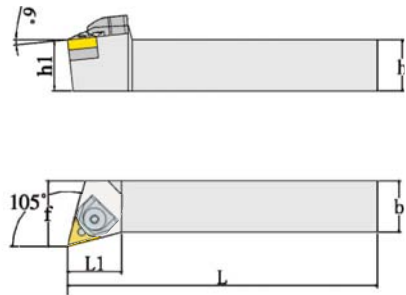
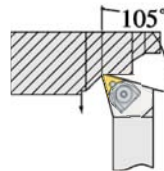
Technical information

DTQNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Pin	Pressingplate	Screw	Spring	Wrench
	R	L	h	b	L	L1	h1	f							
DTQNR/L1616H16	○	○	16	16	100	32	16	20	TN**1604	TN-D1603	DXD0512	DYB2313	DGD0520	DTN0814	L4.0
DTQNR/L2020K16	●	●	20	20	125	32	20	25							
DTQNR/L2525M16	●	●	25	25	150	32	25	32							
DTQNR/L3232P16	●	●	32	32	170	35	32	40							

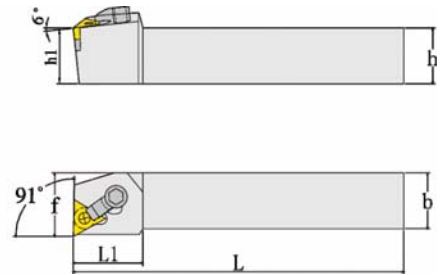
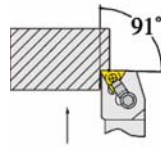
WTQNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Pin	Pressingplate	Screw	Spring	Wrench
	R	L	h	b	L	L1	h1	f							
WTQNR/L1616H16	●	●	16	16	100	32	16	20	TN**1604	TN-W1603	WXD0513	WYB1816	DGD0526	DTN0814	L2.5 L4.0
WTQNR/L2020K16	●	●	20	20	125	32	20	25							
WTQNR/L2525M16	●	●	25	25	150	32	25	32							
WTQNR/L3232P16	●	●	32	32	170	35	32	40							

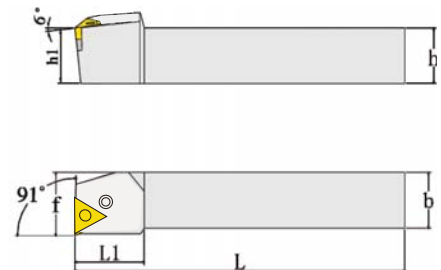
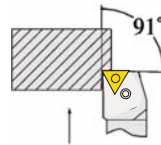
● Stock ○ Available upon Order

MTFNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Pin	Pressing plate	Screw	Wrench
	R	L	h	b	L	L1	h1	f						
MTFNR/L1616H16	●	●	16	16	100	32	16	20	TN**1604	TN-M1603	MXD0513	MYB1814	ST0625	L2.0 L3.0
MTFNR/L2020K16	●	●	20	20	125	32	20	25						
MTFNR/L2525M16	●	●	25	25	150	32	25	32						
MTFNR/L3232P16	●	●	32	32	170	35	32	40						

PTFNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Level	Shim	Screw	Wrench
	R	L	h	b	L	L1	h1	f						
PTFNR/L1616H16	○	○	16	16	100	22	16	20	TN**1604	TN-P1603	GGX0310	DPX0505	NLJ0618	L3.0
PTFNR/L2020K16	●	●	20	20	125	22	20	25						
PTFNR/L2525M16	●	●	25	25	150	28	25	32						
PTFNR/L3232P16	●	●	32	32	170	32	32	40						

● Stock ○ Available upon Order

Turning inserts

External turning

Internal turning

Grooving & parting

Threading

Milling

Boring & drilling

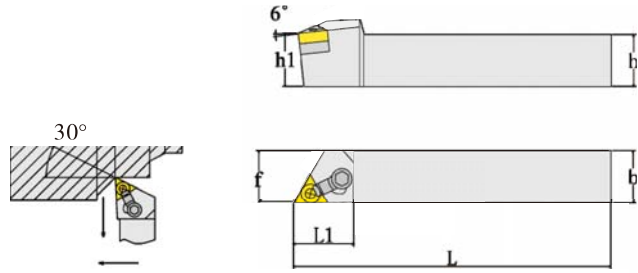
Tool holder

Solid carbide end mills

Solid carbide drill & taps

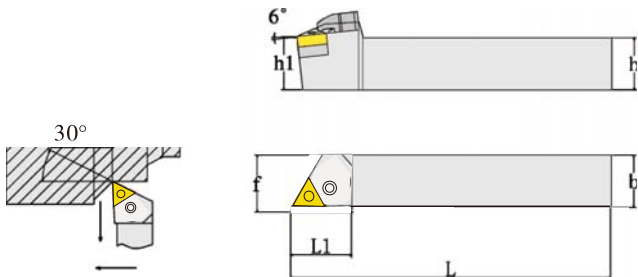
Technical information

MTGNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Pin	Pressing plate	Screw	Wrench
	R	L	h	b	L	L1	h1	f						
MTGNR/L1616H16	●	●	16	16	100	32	16	20	TN**1604	TN-M1603	MXD0513	MYB1814	ST0625	L2.0 L3.0
MTGNR/L2020K16	●	●	20	20	125	32	20	25						
MTGNR/L2525M16	●	●	25	25	150	32	25	32						
MTGNR/L3232P16	●	●	32	32	170	35	32	40						

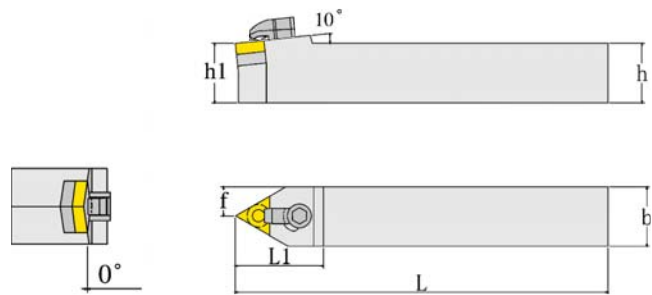
PTGNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Level	Shim	Screw	Wrench
	R	L	h	b	L	L1	h1	f						
PTGNR/L1616H16	○	○	16	16	100	22	16	20	TN**1604	TN-P1603	GGX0310	DPX0505	NLJ0618	L3.0
PTGNR/L2020K16	●	●	20	20	125	22	20	25						
PTGNR/L2525M16	●	●	25	25	150	28	25	32						
PTGNR/L3232P16	●	●	32	32	170	32	32	40						

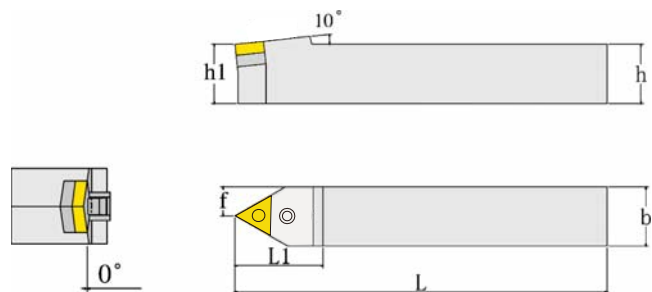
● Stock ○ Available upon Order

MTENN



Ordering Code	Stock	Dimensions(mm)						Insert	Pad	Pin	Pressing plate	Screw	Wrench
		h	b	L	L1	h1	f						
MTENN1616H16	●	16	16	100	32	16	20	TN**1604	TN-M1603	MXD0513	MYB1814	ST0625	L2.0 L3.0
MTENN2020K16	●	20	20	125	32	20	25						
MTENN2525M16	●	25	25	150	32	25	32						
MTENN3232P16	●	32	32	170	35	32	40						

PTENN



Ordering Code	Stock	Dimensions(mm)						Insert	Pad	Level	Shim	Screw	Wrench
		h	b	L	L1	h1	f						
PTENN1616H16	○	16	16	100	22	16	20	TN**1604	TN-P1603	GGX0310	DPX0505	NLJ0618	L3.0
PTENN2020K16	●	20	20	125	22	20	25						
PTENN2525M16	●	25	25	150	28	25	32						
PTENN3232P16	●	32	32	170	32	32	40						

● Stock ○ Available upon Order

Turning inserts

External turning

Internal turning

Grooving & parting

Threading

Milling

Boring & drilling

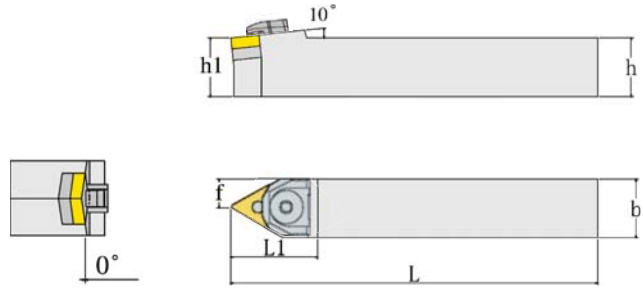
Tool holder

Solid carbide end mills

Solid carbide drill & taps

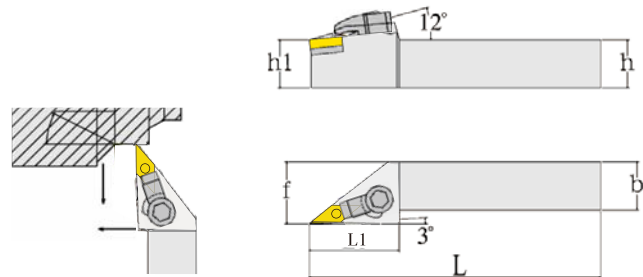
Technical information

WTENN



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Pin	Pressing plate	Screw	Spring	Wrench
	R	L	h	b	L	L1	h1	f							
WTENN1616H16	●		16	16	100	35	16	20	TN**1604	TN-W1603	WXD0513	WYB1816	DGD0526	DTN0814	L2.5 L4.0
WTENN2020K16	●		20	20	125	35	20	25							
WTENN2525M16	●		25	25	150	35	25	32							
WTENN3232P16	●		32	32	170	38	32	40							

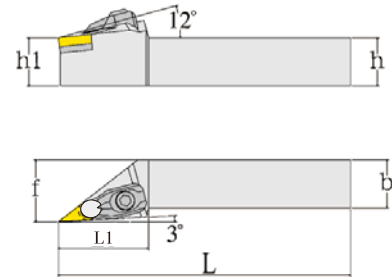
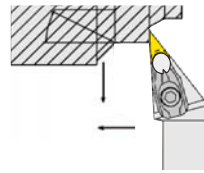
MVJNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Pin	Pressing plate	Screw	Wrench
	R	L	h	b	L	L1	h1	f						
MVJNR/L1616H16	●	●	16	16	100	36	16	20	VN**1604	VN-M1603	MXD0513	MYB2614	ST0625	L2.5 L3.0
MVJNR/L2020K16	●	●	20	20	125	36	20	25						
MVJNR/L2525M16	●	●	25	25	150	42	25	32						
MVJNR/L3232P16	●	●	32	32	170	45	32	40						

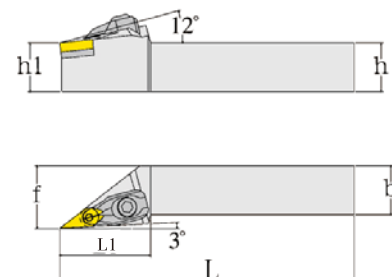
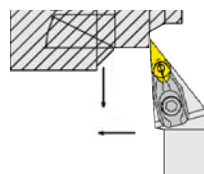
● Stock ○ Available upon Order

DVJNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Pin	Pressing plate	Screw	Spring	Wrench
	R	L	h	b	L	L1	h1	f							
DVJNR/L1616H16	○	○	16	16	100	45	16	20	VN**1604	VN-D1603	DXD0512	DYB2914	DGD0520	DTN0814	L4.0
DVJNR/L2020K16	●	●	20	20	125	45	20	25							
DVJNR/L2525M16	●	●	25	25	150	45	25	32							
DVJNR/L3232P16	●	●	32	32	170	48	32	40							

BVJNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Pin	Pressing plate	Screw	Spring	Wrench
	R	L	h	b	L	L1	h1	f							
BVJNR/L1616H16	○	○	16	16	100	45	16	20	VN**1604	VN-B1603	CTM5-S	BV16	BCS06	CR05	L2.5 L3.0
BVJNR/L2020K16	●	●	20	20	125	45	20	25							
BVJNR/L2525M16	●	●	25	25	150	45	25	32							
BVJNR/L3232P16	●	●	32	32	170	48	32	40							

● Stock ○ Available upon Order

Turning inserts

External turning

Internal turning

Grooving & parting

Threading

Milling

Boring & drilling

Tool holder

Solid carbide end mills

Solid carbide drill & taps

Technical information

Turning inserts

External turning

Internal turning

Grooving & parting

Threading

Milling

Boring & drilling

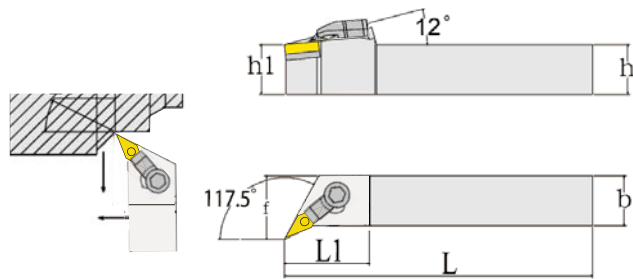
Tool holder

Solid carbide end mills

Solid carbide drill & taps

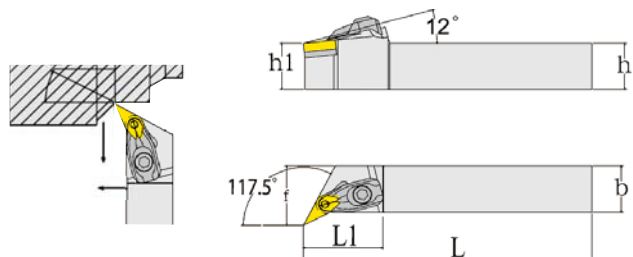
Technical information

MVQNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Pin	Pressing plate	Screw	Wrench
	R	L	h	b	L	L1	h1	f						
MVQNR/L1616H16	●	●	16	16	100	36	16	20	VN**1604	VN-M1603	MXD0513	MYB2614	ST0625	L2.5 L3.0
MVQNR/L2020K16	●	●	20	20	125	36	20	25						
MVQNR/L2525M16	●	●	25	25	150	42	25	32						
MVQNR/L3232P16	●	●	32	32	170	45	32	40						

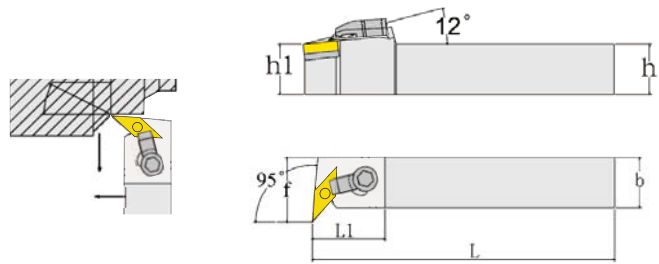
DVQNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Pin	Pressing plate	Screw	Spring	Wrench
	R	L	h	b	L	L1	h1	f							
DVQNR/L1616H16	○	○	16	16	100	44	16	20	VN**1604	VN-D1603	DXD0512	DYB2914	DGD0520	DTN0814	L4.0
DVQNR/L2020K16	●	●	20	20	125	44	20	25							
DVQNR/L2525M16	●	●	25	25	150	46	25	32							
DVQNR/L3232P16	●	●	32	32	170	46	32	40							

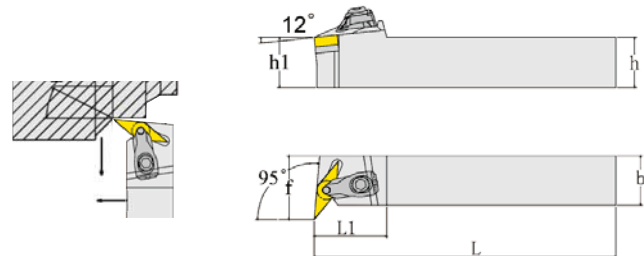
● Stock ○ Available upon Order

MVUNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Pin	Pressingplate	Screw	Wrench
	R	L	h	b	L	L1	h1	f						
MVUNR/L1616H16	●	●	16	16	100	36	16	20	VN**1604	VN-M1603	MXD0513	MYB2614	ST0625	L2.5 L3.0
MVUNR/L2020K16	●	●	20	20	125	36	20	25						
MVUNR/L2525M16	●	●	25	25	150	42	25	32						
MVUNR/L3232P16	●	●	32	32	170	45	32	40						

DVUNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Pin	Pressingplate	Screw	Spring	Wrench
	R	L	h	b	L	L1	h1	f							
DVUNR/L1616H16	○	○	16	16	100	38	16	20	VN**1604	VN-D1603	DXD0512	DYB2914	DGD0520	DTN0814	L4.0
DVUNR/L2020K16	●	●	20	20	125	38	20	25							
DVUNR/L2525M16	●	●	25	25	150	45	25	32							
DVUNR/L3232P16	●	●	32	32	170	45	32	40							

● Stock ○ Available upon Order

Turning inserts

External turning

Internal turning

Grooving & parting

Threading

Milling

Boring & drilling

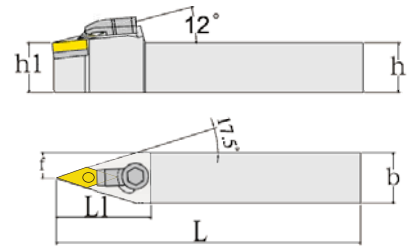
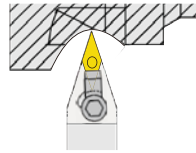
Tool holder

Solid carbide end mills

Solid carbide drill & taps

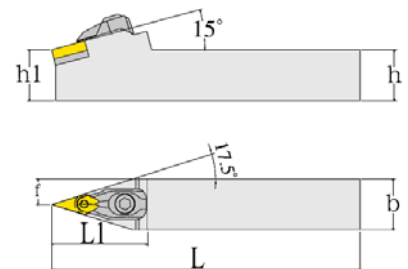
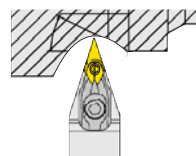
Technical information

MVVNN



Ordering Code	Stock	Dimensions(mm)						Insert	Pad	Pin	Pressing plate	Screw	Wrench
		h	b	L	L1	h1	f						
MVVNN1616H16	●	16	16	100	48	16	20	VN**1604	VN-M1603	MXD0513	MYB2614	ST0625	L2.5 L3.0
MVVNN2020K16	●	20	20	125	48	20	25						
MVVNN2525M16	●	25	25	150	48	25	32						
MVVNN3232P16	●	32	32	170	48	32	40						

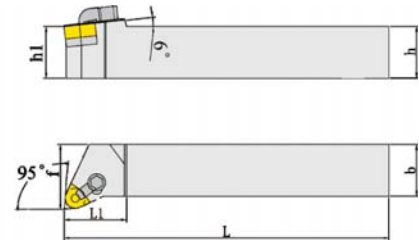
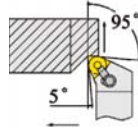
DVVNN



Ordering Code	Stock	Dimensions(mm)						Insert	Pad	Pin	Pressing plate	Screw	Spring	Wrench
		h	b	L	L1	h1	f							
DVVNN1616H16	●	16	16	100	48	16	20	VN**1604	VN-D1603	DXD0512	DYB2914	DGD0520	DTN0814	L4.0
DVVNN2020K16	●	20	20	125	48	20	25							
DVVNN2525M16	●	25	25	150	48	25	32							
DVVNN3232P16	●	32	32	170	48	32	40							

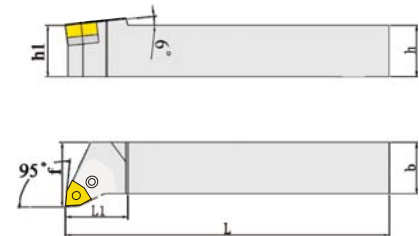
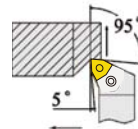
● Stock ○ Available upon Order

MWLNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Pin	Pressing plate	Screw	Wrench
	R	L	h	b	L	L1	h1	f						
MWLNR/L1616H06	●	●	16	16	100	25	16	20	WN**0604	WN-M0603	MXD0513	MYB1814	ST0625	L2.0 L3.0
MWLNR/L2020K06	●	●	20	20	125	25	20	25						
MWLNR/L2525M06	●	●	25	25	150	28	25	32						
MWLNR/L1616H08	●	●	32	32	170	30	32	40	WN**0804	WN-M0804	MXD0617	MYB1814	ST0625	L2.5 L3.0
MWLNR/L2020K08	●	●	20	20	125	30	20	25						
MWLNR/L2525M08	●	●	25	25	150	30	25	32						
MWLNR/L3232P08	●	●	32	32	170	30	32	40						

PWLNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Level	Shim	Screw	Wrench
	R	L	h	b	L	L1	h1	f						
PWLNR/L1616H06	●	●	16	16	100	20	16	20	WN**0604	WN-P0602	GGX0310	DPX0505	NLJ0618	L3.0
PWLNR/L2020K06	●	●	20	20	125	25	20	25						
PWLNR/L2525M06	●	●	25	25	150	25	25	32						
PWLNR/L1616H08	●	●	16	16	100	26	16	20	WN**0804	WN-P0803	GGX0514	DPX0606	NLJ0820	L3.0
PWLNR/L2020K08	●	●	20	20	125	26	20	25						
PWLNR/L2525M08	●	●	25	25	150	26	25	32						
PWLNR/L3232P08	●	●	32	32	170	30	32	40						

● Stock ○ Available upon Order

Turning inserts

External turning

Internal turning

Grooving & parting

Threading

Milling

Boring & drilling

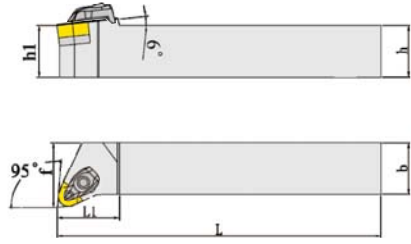
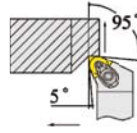
Tool holder

Solid carbide end mills

Solid carbide drill & taps

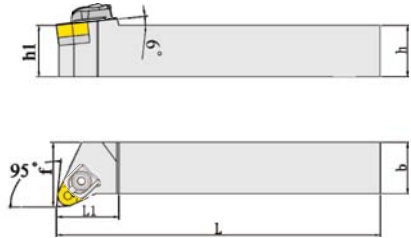
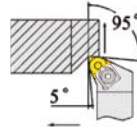
Technical information

DWLNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Pin	Pressingplate	Screw	Spring	Wrench
	R	L	h	b	L	L1	h1	f							
DWLNR/L1616H06	●	●	16	16	100	28	16	20	WN**0604	WN-D0603	DXD0512	DYB2313	DGD0520	DTN0814	L4.0
DWLNR/L2020K06	●	●	20	20	125	28	20	25							
DWLNR/L2525M06	●	●	25	25	150	30	25	32							
DWLNR/L1616H08	●	●	16	16	100	30	16	20	WN**0804	WN-D0804	DXD0614	DYB2214	DGD0520	DTN0814	L4.0
DWLNR/L2020K08	●	●	20	20	125	32	20	25							
DWLNR/L2525M08	●	●	25	25	150	32	25	32							
DWLNR/L3232P08	●	●	32	32	170	35	32	40							

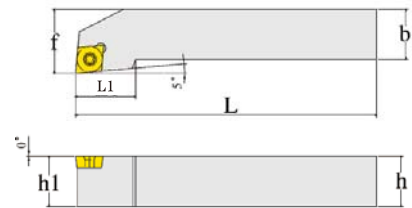
BWLNR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Pad	Pin	Pressingplate	Screw	Spring	Wrench
	R	L	h	b	L	L1	h1	f							
BWLNR/L1616H06	○	○	16	16	100	28	16	20	WN**0604	WN-B0603	CTM5-S	BW06	BCS06	CR05	L2.5 L3.0
BWLNR/L2020K06	○	○	20	20	125	28	20	25							
BWLNR/L2525M06	○	○	25	25	150	30	25	32							
BWLNR/L1616H08	●	●	16	16	100	30	16	20	WN**0804	WN-B0804	CTM6-S	BW08	BCS08	CR07	L3.0 L4.0
BWLNR/L2020K08	●	●	20	20	125	32	20	25							
BWLNR/L2525M08	●	●	25	25	150	32	25	32							
BWLNR/L3232P08	●	●	32	32	170	35	32	40							

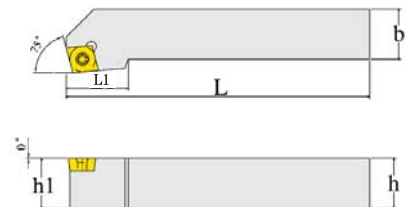
● Stock ○ Available upon Order

SCLCR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Screw	Wrench
	R	L	h	b	L	L1	h1	f			
SCLCR/L1010H06	●	●	10	10	100	15	10	12	CC**0602	M2.5*6	T-8
SCLCR/L1212H06	●	●	12	12	100	15	12	16			
SCLCR/L1212H09	●	●	12	12	100	20	12	16	CC**09T3	M3.5*8	T-15
SCLCR/L1616H09	●	●	16	16	100	20	16	20			
SCLCR/L2020K09	●	●	20	20	125	22	20	25			
SCLCR/L2525M09	●	●	25	25	150	22	25	32	CC**1204	M5*12	T-20
SCLCR/L2020K12	●	●	20	20	125	22	20	25			
SCLCR/L2525M12	●	●	25	25	150	28	25	32			
SCLCR/L3232P12	○	○	32	32	170	28	32	40			

SCKCR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Screw	Wrench
	R	L	h	b	L	L1	h1	f			
SCKCR/L1212H09	●	●	12	12	100	20	12	16	CC**09T3	M3.5*8	T-15
SCKCR/L1616H09	●	●	16	16	100	22	16	20			
SCKCR/L2020K09	●	●	20	20	125	22	20	25			
SCKCR/L2525M09	●	●	25	25	150	22	25	32	CC**1204	M5*12	T-20
SCKCR/L2020K12	●	●	20	20	125	22	20	25			
SCKCR/L2525M12	●	●	25	25	150	22	25	32			
SCKCR/L3232P12	○	○	32	32	170	28	32	40			

● Stock ○ Available upon Order

Turning inserts

External turning

Internal turning

Grooving & parting

Threading

Milling

Boring & drilling

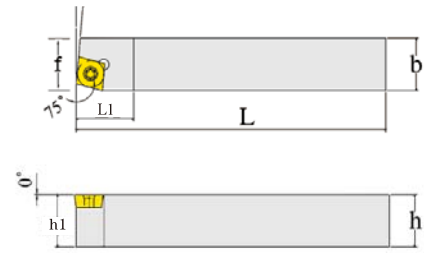
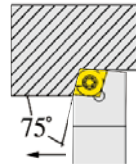
Tool holder

Solid carbide end mills

Solid carbide drill & taps

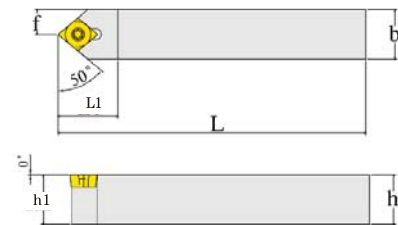
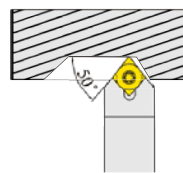
Technical information

SCBCR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Screw	Wrench
	R	L	h	b	L	L1	h1	f			
SCBCR/L1616H09	●	●	16	16	100	22	16	20	CC**09T3	M3.5*8	T-15
SCBCR/L2020K09	●	●	20	20	125	22	20	25			
SCBCR/L2525M09	●	●	25	25	150	22	25	32			
SCBCR/L2020K12	●	●	20	20	125	22	20	25	CC**1204	M5*12	T-20
SCBCR/L2525M12	●	●	25	25	150	28	25	32			

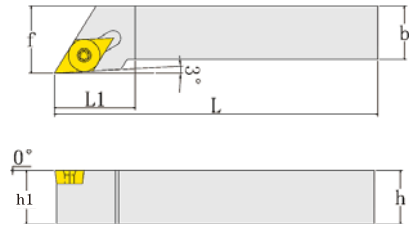
SCMCN



Ordering Code	Stock	Dimensions(mm)						Insert	Screw	Wrench
		h	b	L	L1	h1	f			
SCMCN1010H06	○	10	10	100	15	10	12	CC**0602	M2.5*6	T-8
SCMCN1212H06	○	12	12	100	15	12	16			
SCMCN1212H09	●	12	12	100	20	12	16	CC**09T3	M3.5*8	T-15
SCMCN1616H09	●	16	16	100	20	16	20			
SCMCN2020K09	●	20	20	125	22	20	25			
SCMCN2525M09	○	25	25	150	22	25	32			

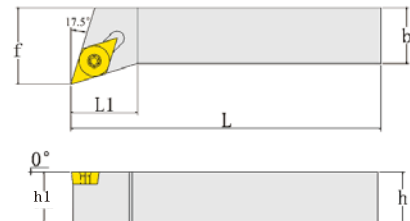
● Stock ○ Available upon Order

SDJCR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Screw	Wrench
	R	L	h	b	L	L1	h1	f			
SDJCR/L1010H07	●	●	10	10	100	16	10	12	DC**0702	M2.5*6	T-8
SDJCR/L1212H07	●	●	12	12	100	16	12	16			
SDJCR/L1616H07	●	●	16	16	100	20	16	20	DC**11T3	M3.5*8	T-15
SDJCR/L1212H11	●	●	12	12	100	22	12	16			
SDJCR/L1616H11	●	●	16	16	100	22	16	20	DC**11T3	M3.5*8	T-15
SDJCR/L2020K11	●	●	20	20	125	25	20	25			
SDJCR/L2525M11	●	●	25	25	150	32	25	32			
SDJCR/L3232P11	●	●	32	32	170	32	32	40			

SDQCR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Screw	Wrench
	R	L	h	b	L	L1	h1	f			
SDQCR/L1010H07	●	●	10	10	100	16	10	12	DC**0702	M2.5*6	T-8
SDQCR/L1212H07	●	●	12	12	100	16	12	16			
SDQCR/L1212H11	●	●	12	12	100	18	12	16	DC**11T3	M3.5*8	T-15
SDQCR/L1616H11	●	●	16	16	100	22	16	20			
SDQCR/L2020K11	●	●	20	20	125	22	20	25			
SDQCR/L2525M11	●	●	25	25	150	22	25	32			

● Stock ○ Available upon Order

Turning inserts

External turning

Internal turning

Grooving & parting

Threading

Milling

Boring & drilling

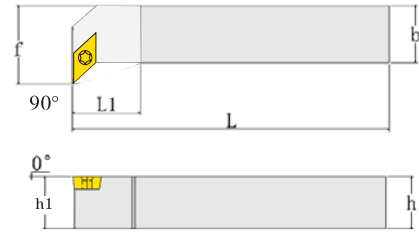
Tool holder




Solid carbide end mills

Solid carbide drill & taps

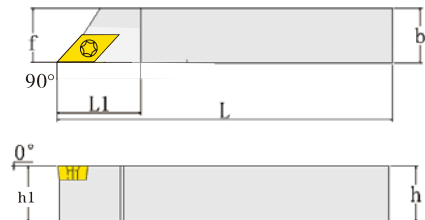
Technical information




SDFCR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Screw	Wrench
	R	L	h	b	L	L1	h1	f			
SDFCR/L1212H07	●	●	12	12	100	16	12	16	DC**11T3	M2.5*6	T-8
SDFCR/L1616H11	●	●	16	16	100	18	16	20			
SDFCR/L2020K11	●	●	20	20	125	22	20	25			
SDFCR/L2525M11	●	●	25	25	150	22	25	32			
SDFCR/L3232P11	●	●	32	32	170	32	32	40			

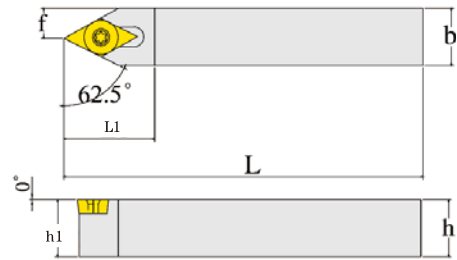
SDACR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Screw	Wrench
	R	L	h	b	L	L1	h1	f			
SDACR/L0808H07	●	●	8	8	100	15	8	8	DC**0702	M2.5*6	T-8
SDACR/L1010H07	●	●	10	10	100	15	10	12			
SDACR/L1212H07	●	●	12	12	100	15	12	16	DC**11T3	M3.5*8	T-15
SDACR/L1616H07	●	●	16	16	100	20	16	20			
SDACR/L1212H11	●	●	12	12	100	22	12	16			
SDACR/L1616H11	●	●	16	16	100	22	16	20	DC**11T3	M3.5*8	T-15
SDACR/L2020K11	●	●	20	20	125	22	20	25			
SDACR/L2525M11	●	●	25	25	150	22	25	32			

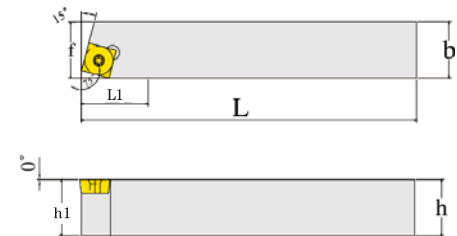
● Stock ○ Available upon Order

SDNCN



Ordering Code	Stock		Dimensions(mm)						Insert	Screw	Wrench
	●	○	h	b	L	L1	h1	f			
SDNCN0808H07	●	○	8	8	100	16	8	8	DC**0702	M2.5*6	T-8
SDNCN1010H07	●	○	10	10	100	16	10	12			
SDNCN1212H07	●	○	12	12	100	18	12	16	DC**11T3	M3.5*8	T-15
SDNCN1616H07	●	○	16	16	100	22	16	20			
SDNCN1212H11	●	○	12	12	100	22	12	16			
SDNCN1616H11	●	○	16	16	100	27	16	20	DC**11T3	M3.5*8	T-15
SDNCN2020K11	●	○	20	20	125	27	20	25			
SDNCN2525M11	●	○	25	25	150	27	25	32			

SSBCR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Screw	Wrench
	R	L	h	b	L	L1	h1	f			
SSBCR/L1212H09	●	●	12	12	100	16	12	16	SC**09T3	M3.5*8	T-15
SSBCR/L1616H09	●	●	16	16	100	20	16	20			
SSBCR/L2020H09	●	●	20	20	125	20	20	25			
SSBCR/L2020K12	●	●	20	20	125	20	20	25	SC**1204	M5*12	T-20
SSBCR/L2525M12	●	●	25	25	150	25	25	32			

● Stock ○ Available upon Order

Turning inserts

External turning

Internal turning

Grooving & parting

Threading

Milling

Boring & drilling

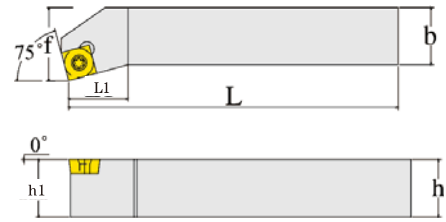
Tool holder

Solid carbide end mills

Solid carbide drill & taps

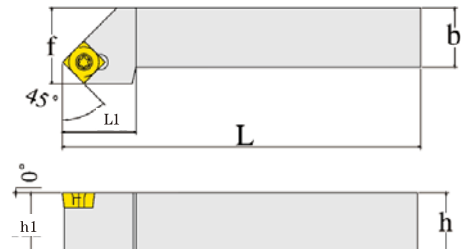
Technical information

SSKCR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Screw	Wrench
	R	L	h	b	L	L1	h1	f			
SSKCR/L1212H09	●	●	12	12	100	16	12	16	SC**09T3	M3.5*8	T-15
SSKCR/L1616H09	●	●	16	16	100	18	16	20			
SSKCR/L2020H09	●	●	20	20	125	22	20	25			
SSKCR/L2020K12	●	●	20	20	125	22	20	25	SC**1204	M5*12	T-20
SSKCR/L2525M12	●	●	25	25	150	30	25	32			

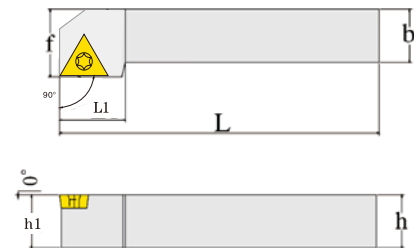
SSSCR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Screw	Wrench
	R	L	h	b	L	L1	h1	f			
SSSCR/L1212H09	●	●	12	12	100	16	12	16	SC**09T3	M3.5*8	T-15
SSSCR/L1616H09	●	●	16	16	100	18	16	20			
SSSCR/L2020H09	●	●	20	20	125	22	20	25			
SSSCR/L2020K12	●	●	20	20	125	22	20	25	SC**1204	M5*12	T-20
SSSCR/L2525M12	●	●	25	25	150	30	25	32			

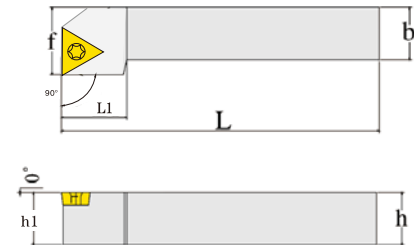
● Stock ○ Available upon Order

STGCR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Screw	Wrench
	R	L	h	b	L	L1	h1	f			
STGCR/L1212H11	●	●	12	12	100	18	12	16	TC**1102	M2.5*6	T-8
STGCR/L1616H11	●	●	16	16	100	20	16	20			
STGCR/L2020K16	●	●	20	20	125	30	20	25	TC**16T3	M3.5*8	T-15
STGCR/L2525M16	●	●	25	25	150	30	25	32			

STFCR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Screw	Wrench
	R	L	h	b	L	L1	h1	f			
STFCR/L1212H11	●	●	12	12	100	18	12	16	TC**1102	M2.5*6	T-8
STFCR/L1616H11	●	●	16	16	100	20	16	20			
STFCR/L2020K16	●	●	20	20	125	30	20	25	TC**16T3	M3.5*8	T-15
STFCR/L2525M16	●	●	25	25	150	30	25	32			

● Stock ○ Available upon Order

Turning inserts

External turning

Internal turning

Grooving & parting

Threading

Milling

Boring & drilling

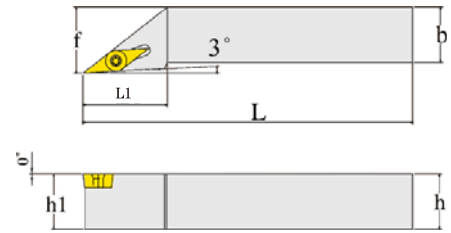
Tool holder

Solid carbide end mills

Solid carbide drill & taps

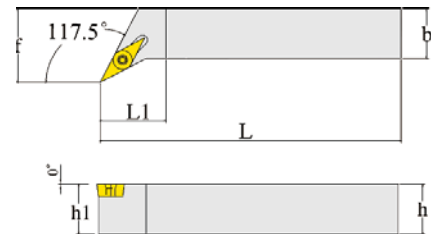
Technical information

SVJCR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Screw	Wrench
	R	L	h	b	L	L1	h1	f			
SVJCR/L1212H11	●	●	12	12	100	25	12	16	VC**1103	M2.5*6	T-8
SVJCR/L1616H11	●	●	16	16	100	28	16	20			
SVJCR/L2020K11	●	●	20	20	125	35	20	25			
SVJCR/L2525M11	●	●	25	25	150	32	25	32	VC**1604	M3.5*8	T-15
SVJCR/L1616H16	●	●	16	16	100	32	16	20			
SVJCR/L2020K16	●	●	20	20	125	35	20	25			
SVJCR/L2525M16	●	●	25	25	150	38	25	32			
SVJCR/L3232P16	●	●	32	32	170	45	32	40			

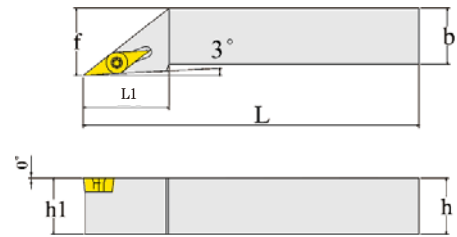
SVQCR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Screw	Wrench
	R	L	h	b	L	L1	h1	f			
SVQCR/L1616H11	●	●	16	16	100	35	16	20	VC**1103	M2.5*6	T-8
SVQCR/L2020K11	●	●	20	20	125	35	20	25			
SVQCR/L1616H16	●	●	16	16	100	35	16	20			
SVQCR/L2020K16	●	●	20	20	125	35	20	25	VC**1604	M3.5*8	T-15
SVQCR/L2525M16	●	●	25	25	150	35	25	32			
SVQCR/L3232P16	●	●	32	32	170	35	32	40			

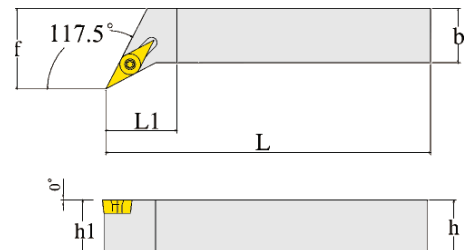
● Stock ○ Available upon Order

SVJBR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Screw	Wrench
	R	L	h	b	L	L1	h1	f			
SVJBR/L1212H11	●	●	12	12	100	25	12	16	VB**1103	M2.5*6	T-8
SVJBR/L1616H11	●	●	16	16	100	28	16	20			
SVJBR/L2020K11	●	●	20	20	125	35	20	25			
SVJBR/L2525M11	●	●	25	25	150	32	25	32			
SVJBR/L1616H16	●	●	16	16	100	32	16	20	VB**1604	M3.5*8	T-15
SVJBR/L2020K16	●	●	20	20	125	35	20	25			
SVJBR/L2525M16	●	●	25	25	150	38	25	32			
SVJBR/L3232P16	●	●	32	32	170	45	32	40			

SVQBR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Screw	Wrench
	R	L	h	b	L	L1	h1	f			
SVQBR/L1616H11	●	●	16	16	100	35	16	20	VB**1103	M2.5*6	T-8
SVQBR/L2020K11	●	●	20	20	125	35	20	25			
SVQBR/L1616H16	●	●	16	16	100	35	16	20			
SVQBR/L2020K16	●	●	20	20	125	35	20	25	VB**1604	M3.5*8	T-15
SVQBR/L2525M16	●	●	25	25	150	35	25	32			
SVQBR/L3232P16	●	●	32	32	170	35	32	40			

● Stock ○ Available upon Order

Turning inserts

External turning

Internal turning

Grooving & parting

Threading

Milling

Boring & drilling

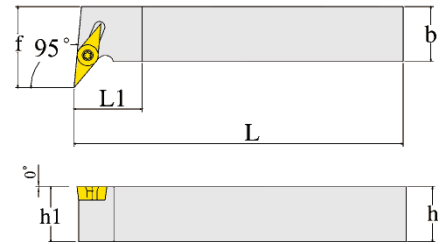
Tool holder

Solid carbide end mills

Solid carbide drill & taps

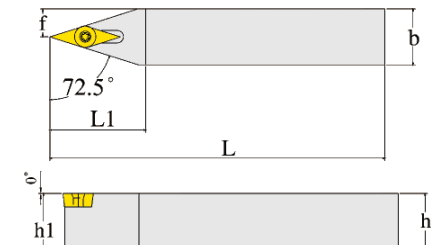
Technical information

SVUC(B)R/L



Ordering Code	Stock		Dimensions(mm)						Insert	Screw	Wrench
	R	L	h	b	L	L1	h1	f			
SVUCR/L1616H11	●	●	16	16	100	16	16	20	VC**1103	M2.5*6	T-8
SVUCR/L2020K11	●	●	20	20	125	16	20	25			
SVUCR/L1616H16	○	○	16	16	100	16	16	20	VC**1604	M3.5*8	T-15
SVUCR/L2020K16	●	●	20	20	125	16	20	25			
SVUCR/L2525M16	●	●	25	25	150	16	25	32	VB**1103	M2.5*6	T-8
SVUBR/L1616H11	●	●	16	16	100	16	16	20			
SVUBR/L2020K11	●	●	20	20	125	16	20	25			
SVUBR/L1616H16	○	○	16	16	100	16	16	20	VB**1604	M3.5*8	T-15
SVUBR/L2020K16	●	●	20	20	125	16	20	25			
SVUBR/L2525M16	●	●	25	25	150	16	25	32			

SVVC(B)N

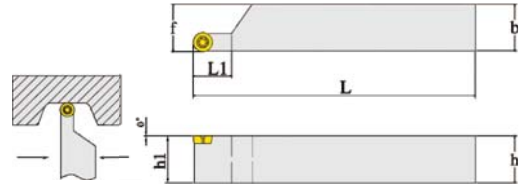


Ordering Code	Stock		Dimensions(mm)						Insert	Screw	Wrench
			h	b	L	L1	h1	f			
SVVCN1616H11	●		16	16	100	28	16	20	VC**1103	M2.5*6	T-8
SVVCN2020K11	●		20	20	125	35	20	25			
SVVCN1616H16	●		16	16	100	32	16	20	VC**1604	M3.5*8	T-15
SVVCN2020K16	●		20	20	125	35	20	25			
SVVCN2525M16	●		25	25	150	38	25	32	VB**1103	M2.5*6	T-8
SVVBN1616H11	●		16	16	100	28	16	20			
SVVBN2020K11	●		20	20	125	35	20	25			
SVVBN1616H16	●		16	16	100	32	16	20	VB**1604	M3.5*8	T-15
SVVBN2020K16	●		20	20	125	35	20	25			
SVVBN2525M16	●		25	25	150	38	25	32			

● Stock ○ Available upon Order

SRACR/L

CRACR/L



Ordering Code	Stock		Dimensions(mm)						Insert	Screw	Wrench
	R	L	h	b	L	L1	h1	f			
SRACR/L1616H06	●	●	16	16	100	15	16	20	RC**0602	M2.5*6	T-8
SRACR/L2020K06	●	●	20	20	125	20	20	25			
SRACR/L2525M06	●	●	25	25	150	25	25	32			
SRACR/L1616H08	●	●	16	16	100	15	16	20	RC**0803	M3.0*10	T-10
SRACR/L2020K08	●	●	20	20	125	20	20	25			
SRACR/L2525M08	●	●	25	25	150	20	25	32			
SRACR/L3232P08	●	●	32	32	170	25	32	40	RC**10T3	M3.5*10	T-15
SRACR/L1616H10	●	●	16	16	100	15	16	20			
SRACR/L2020K10	●	●	20	20	125	20	20	25			
SRACR/L2525M10	●	●	25	25	150	20	25	32	RC**1204	M3.5*10	T-15
SRACR/L3232P10	●	●	32	32	170	25	32	40			
SRACR/L2020K12	●	●	20	20	125	20	20	25			
SRACR/L2525M12	●	●	25	25	150	20	25	32	RC**1606	M5*12	T-20
SRACR/L3232P12	●	●	32	32	170	25	32	40			
SRACR/L4040P12	●	●	40	40	200	32	40	50			
SRACR/L2525M16	●	●	25	25	150	20	25	32	RC**2006	M5*12	T-20
SRACR/L3232P16	●	●	32	32	170	25	32	40			
SRACR/L4040R16	●	●	40	40	200	32	40	50			
SRACR/L3232P20	●	●	32	32	170	25	32	40	RC**2006	M5*12	T-20
SRACR/L4040R20	●	●	40	40	200	32	40	50			

Ordering Code	Stock		Dimensions(mm)						Insert	Pressingplate	Screw	Screw	Wrench
	R	L	h	b	L	L1	h1	f					
CRACR/L3232P12	●	●	32	32	170	25	32	40	RC**1204	M5*12	NLJ0522	M3.5*10	T-15 L 4.0
CRACR/L4040R12	●	●	40	40	200	32	40	50					
CRACR/L3232P16	●	●	32	32	170	25	32	40	RC**1606	M5*12	T-20	M5*12	T-19 L 4.0
CRACR/L4040R16	●	●	40	40	200	32	40	50					
CRACR/L3232P20	●	●	32	32	170	25	32	40	RC**2006	M5*12	T-20	M5*12	T-20 L 4.0
CRACR/L4040R20	●	●	40	40	200	32	40	50					

● Stock ○ Available upon Order

Turning inserts

External turning

Internal turning

Grooving & parting

Threading

Milling

Boring & drilling

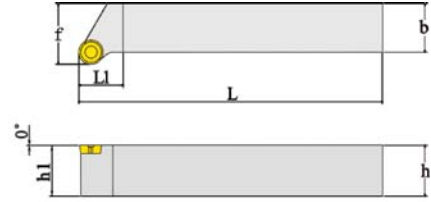
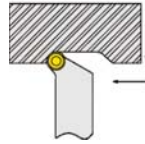
Tool holder

Solid carbide end mills

Solid carbide drill & taps

Technical information

SRGCR/L

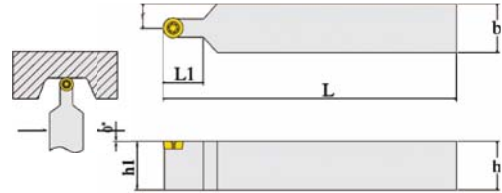


Ordering Code	Stock		Dimensions(mm)						Insert	Screw	Wrench
	R	L	h	b	L	L1	h1	f			
SRGCR/L1616H06	●	●	16	16	100	15	16	20	RC**0602	M2.5*6	T-8
SRGCR/L2020K06	●	●	20	20	125	20	20	25			
SRGCR/L2525M06	●	●	25	25	150	25	25	32			
SRGCR/L1616H08	●	●	16	16	100	15	16	20	RC**0803	M3.0*10	T-10
SRGCR/L2020K08	●	●	20	20	125	20	20	25			
SRGCR/L2525M08	●	●	25	25	150	20	25	32			
SRGCR/L3232P08	●	●	32	32	170	25	32	40	RC**10T3	M3.5*10	T-15
SRGCR/L1616H10	●	●	16	16	100	15	16	20			
SRGCR/L2020K10	●	●	20	20	125	20	20	25			
SRGCR/L2525M10	●	●	25	25	150	20	25	32	RC**1204	M3.5*10	T-15
SRGCR/L3232P10	●	●	32	32	170	25	32	40			
SRGCR/L2020K12	●	●	20	20	125	20	20	25			
SRGCR/L2525M12	●	●	25	25	150	20	25	32	RC**1606	M5*12	T-20
SRGCR/L3232P12	●	●	32	32	170	25	32	40			
SRGCR/L4040P12	●	●	40	40	200	32	40	50			
SRGCR/L2525M16	●	●	25	25	150	20	25	32	RC**2006	M5*12	T-20
SRGCR/L3232P16	●	●	32	32	170	25	32	40			
SRGCR/L4040R16	●	●	40	40	200	32	40	50			
SRGCR/L3232P20	●	●	32	32	170	25	32	40	RC**2006	M5*12	T-20
SRGCR/L4040R20	●	●	40	40	200	32	40	50			

● Stock ○ Available upon Order

SRDCN

CRDCN



Ordering Code	Stock		Dimensions(mm)						Insert	Screw	Wrench
	R	L	h	b	L	L1	h1	f			
SRDCN1616H06	●	●	16	16	100	15	16	20	RC**0602	M2.5*6	T-8
SRDCN2020K06	●	●	20	20	125	20	20	25			
SRDCN2525M06	●	●	25	25	150	25	25	32			
SRDCN1616H08	●	●	16	16	100	15	16	20	RC**0803	M3.0*10	T-10
SRDCN2020K08	●	●	20	20	125	20	20	25			
SRDCN2525M08	●	●	25	25	150	20	25	32			
SRDCN3232P08	●	●	32	32	170	25	32	40	RC**10T3	M3.5*10	T-15
SRDCN1616H10	●	●	16	16	100	15	16	20			
SRDCN2020K10	●	●	20	20	125	20	20	25			
SRDCN2525M10	●	●	25	25	150	20	25	32	RC**1204	M3.5*10	T-15
SRDCN3232P10	●	●	32	32	170	25	32	40			
SRDCN2020K12	●	●	20	20	125	20	20	25			
SRDCN2525M12	●	●	25	25	150	20	25	32	RC**1606	M5*12	T-20
SRDCN3232P12	●	●	32	32	170	25	32	40			
SRDCN4040P12	●	●	40	40	200	32	40	50			
SRDCN2525M16	●	●	25	25	150	20	25	32	RC**2006	M5*12	T-20
SRDCN3232P16	●	●	32	32	170	25	32	40			
SRDCN4040R16	●	●	40	40	200	32	40	50			
SRDCN3232P20	●	●	32	32	170	25	32	40	RC**2006	M5*12	T-20
SRDCN4040R20	●	●	40	40	200	32	40	50			

Ordering Code	Stock		Dimensions(mm)						Insert	Pressingplate	Screw	Screw	Wrench
	R	L	h	b	L	L1	h1	f					
CRDCN3232P12	●	●	32	32	170	25	32	40	RC**1204	M5*12	NLJ0522	M3.5*10	T-15 L 4.0
CRDCN4040R12	●	●	40	40	200	32	40	50					
CRDCN3232P16	●	●	32	32	170	25	32	40	RC**1606	M5*12	T-20	M5*12	T-19 L 4.0
CRDCN4040R16	●	●	40	40	200	32	40	50					
CRDCN3232P20	●	●	32	32	170	25	32	40	RC**2006	M5*12	T-20	M5*12	T-20 L 4.0
CRDCN4040R20	●	●	40	40	200	32	40	50					

● Stock ○ Available upon Order

Turning inserts

External turning

Internal turning

Grooving & parting

Threading

Milling

Boring & drilling

Tool holder

Solid carbide end mills

Solid carbide drill & taps

Technical information