

MASTER CATALOG 2018

VOLUME ONE | **TURNING TOOLS**



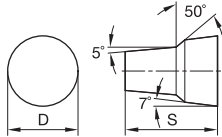
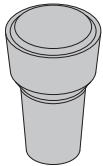
ISO/ANSI TURNING | GROOVING & CUT-OFF | THREADING | APPLICATION SPECIFIC

➤ K-Lock™ Inserts



Features and Benefits

- K-Lock inserts are ideal for deep grooving and profiling.
- A unique insert clamping system enables unimpeded chip flow.
- Available in molded and ground peripheries.

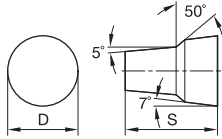


- first choice
- alternate choice

P						
M						
K						
N						
S						
H						

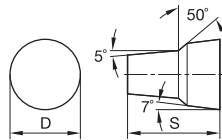
RCGK-FS

ISO catalog number	ANSI catalog number	D		S		K68	KCU10	KCU25	KC5010	KC5025	KC5410
		mm	in	mm	in						
RCGK040300FS	RCGK152FS	4,76	3/16	6,38	.251	●	●	●	●	●	●
RCGK060400FS	RCGK23FS	6,35	1/4	9,09	.358	●	●	●	●	●	●
RCGK090700FS	RCGK35FS	9,53	3/8	13,23	.521	●	●	●	●	●	●
RCGK120800FS	RCGK46FS	12,70	1/2	16,61	.654	●	●	●	●	●	●



RCGK-HP

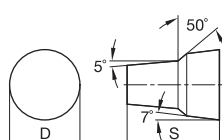
ISO catalog number	ANSI catalog number	D		S		K68	KCU10	KCU25	KC5010	KC5025	KC5410
		mm	in	mm	in						
RCGK040300HP	RCGK152HP	4,76	3/16	6,38	.251	●	●	●	●	●	●
RCGK060400HP	RCGK23HP	6,35	1/4	9,09	.358	●	●	●	●	●	●
RCGK090700HP	RCGK35HP	9,53	3/8	13,23	.521	●	●	●	●	●	●
RCGK120800HP	RCGK46HP	12,70	1/2	16,61	.654	●	●	●	●	●	●



RCMK

ISO catalog number	ANSI catalog number	D		S		K68	KCU10	KCU25	KC5010	KC5025	KC5410
		mm	in	mm	in						
RCMK040300	RCMK152	4,76	3/16	6,38	.251	●	●	●	●	●	●
RCMK060400	RCMK23	6,35	1/4	9,09	.358	●	●	●	●	●	●
RCMK090700	RCMK35	9,53	3/8	13,23	.521	●	●	●	●	●	●
RCMK120800	RCMK46	12,70	1/2	16,61	.654	●	●	●	●	●	●

- Medium geometry with positive rake face for chip control in difficult materials.

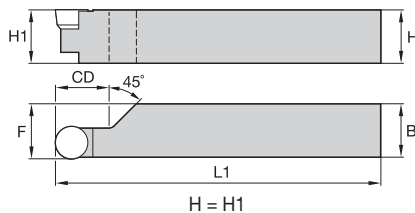
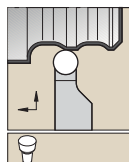


- first choice
- alternate choice

P						
M						
K						
N						
S						
H						

RCMK-MP

ISO catalog number	ANSI catalog number	D		L10		Re		K68	KCU10	KCU25	KC5010	KC5025	KC5410	KCS10
		mm	in	mm	in	mm	in							
RCMK060400MP	RCMK23MP	6,35	1/4	—	—	—	—	●	●	●	●	●	●	●
RCMK090700MP	RCMK35MP	9,53	3/8	—	—	—	—	●	●	●	●	●	●	●
RCMK120800MP	RCMK46MP	12,70	1/2	—	—	—	—	●	●	●	●	●	●	●

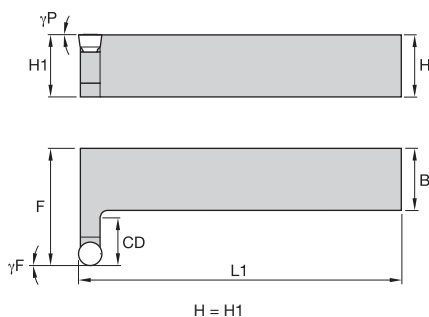
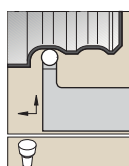


$$H = H1$$

TRAO

Application Specific

catalog number	H1	B	F	L1	CD	γ_F°	γ_P°	gage insert
right hand								
TRAOR1615D	1.00	1.00	1.003	6.00	.50	0.0	0.0	RC..152
TRAOR162D	1.00	1.00	1.016	6.00	.75	0.0	0.0	RC..23
TRAOR163D	1.00	1.00	1.020	6.00	.75	0.0	0.0	RC..35
TRAOR164D	1.00	1.00	1.032	6.00	1.00	0.0	0.0	RC..46
TRAOR2015D	1.25	1.25	1.253	6.00	.50	0.0	0.0	RC..152
TRAOR202D	1.25	1.25	1.266	6.00	.75	0.0	0.0	RC..23
TRAOR203D	1.25	1.25	1.270	6.00	.75	0.0	0.0	RC..35
TRAOR204D	1.25	1.25	1.282	6.00	1.00	0.0	0.0	RC..46
TRAOR2415E	1.50	1.50	1.503	7.00	.50	0.0	0.0	RC..152
TRAOR242E	1.50	1.50	1.516	7.00	.75	0.0	0.0	RC..23
TRAOR243E	1.50	1.50	1.520	7.00	.75	0.0	0.0	RC..35
TRAOR244E	1.50	1.50	1.532	7.00	1.00	0.0	0.0	RC..46
left hand								
TRAOL1615D	1.00	1.00	1.003	6.00	.50	0.0	0.0	RC..152
TRAOL162D	1.00	1.00	1.016	6.00	.75	0.0	0.0	RC..23
TRAOL163D	1.00	1.00	1.020	6.00	.75	0.0	0.0	RC..35
TRAOL164D	1.00	1.00	1.032	6.00	1.00	0.0	0.0	RC..46
TRAOL2015D	1.25	1.25	1.253	6.00	.50	0.0	0.0	RC..152
TRAOL202D	1.25	1.25	1.266	6.00	.75	0.0	0.0	RC..23
TRAOL203D	1.25	1.25	1.270	6.00	.75	0.0	0.0	RC..35
TRAOL204D	1.25	1.25	1.282	6.00	1.00	0.0	0.0	RC..46
TRAOL2415E	1.50	1.50	1.503	7.00	.50	0.0	0.0	RC..152
TRAOL242E	1.50	1.50	1.516	7.00	.75	0.0	0.0	RC..23
TRAOL243E	1.50	1.50	1.520	7.00	.75	0.0	0.0	RC..35
TRAOL244E	1.50	1.50	1.532	7.00	1.00	0.0	0.0	RC..46

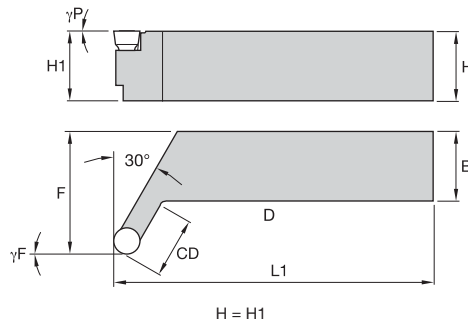
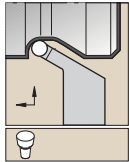


$$H = H1$$

TRHO

catalog number	H1	B	F	L1	CD	γ_F°	γ_P°	gage insert
right hand								
TRHOR1615D	1.00	1.00	1.625	6.00	.50	0.0	0.0	RC..152
TRHOR162D	1.00	1.00	1.875	6.00	.75	0.0	0.0	RC..23
TRHOR2015D	1.25	1.25	1.875	6.00	.50	0.0	0.0	RC..152

NOTE: Left-hand holders are available as specials.



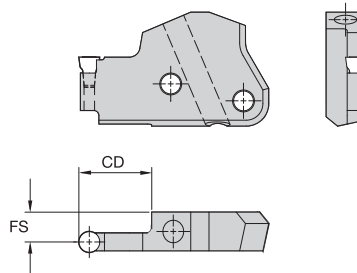
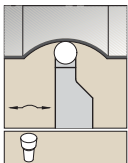
■ TRTO

catalog number	H1	B	F	L1	CD	γF°	γP°	gage insert
right hand								
TRTOR1615D	1.00	1.00	1.500	6.00	.55	0.0	0.0	RC..152
TRTOR162D	1.00	1.00	1.750	6.00	.84	0.0	0.0	RC..23
TRTOR2015D	1.25	1.25	1.750	6.00	.55	0.0	0.0	RC..152
TRTOR202D	1.25	1.25	2.000	6.00	.84	0.0	0.0	RC..23

NOTE: Left-hand holders are available as specials.

Application Specific

Modular Blades



■ TRM

	CD		FS		cartridge size	gage insert
catalog number	mm	in	mm	in		
right hand						
TRM50R0432M	32	1.25	9,62	.379	50	RCMK152
TRM50R0620M	19	.75	8,98	.354	50	RCMK23
TRM50R0632M	32	1.25	8,98	.354	50	RCMK-23
TRM50R0640M	38	1.50	8,98	.354	50	RCGK23
TRM50R0720M	19	.75	8,42	.332	50	RCMK-2.55
TRM50R0920M	19	.75	7,64	.301	50	RC_K35
TRM50R0932M	32	1.25	7,65	.301	50	RCMK-35
TRM50R0940M	38	1.50	7,64	.301	50	RC_K35
TRM50R0950M	50	1.95	7,65	.301	50	RCMK-35
left hand						
TRM50L0432M	32	1.25	9,62	.379	50	RCMK152
TRM50L0620M	19	.75	8,98	.354	50	RCMK23
TRM50L0632M	32	1.25	8,98	.354	50	RCMK-23
TRM50L0640M	38	1.50	8,98	.354	50	RCGK23
TRM50L0920M	19	.75	7,64	.301	50	RC_K35
TRM50L0932M	32	1.25	7,65	.301	50	RCMK-35
TRM50L0950M	50	1.95	7,65	.301	50	RCMK-35