

H

Grooving

Internal Grooving

ECZ 223

OCZ 224

ECDG 225

External Grooving

EZH 226

EGHGR 228

ETGDR 229

EDGTR 230

EDGH 231

EGEHR 232

EGYH 233

Face Grooving

NEW OFGR 235

EZG 237

External Shallow Grooving

EHH 239

External Slot Grooving

EWC 240

Blade For Parting Off

EIH 241



Tool Holder For Cutting Off & Grooving Series



Slotted | Shallow | Ridges | Grooving

ECZ Internal Grooving
Right Hand Show

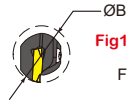
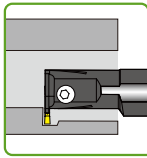


Fig1

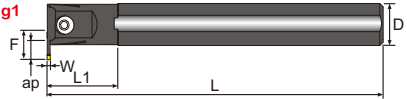


Fig2



Shank	Model No	Stock		Min. Bore Dia. ØB	Fig	ap	D	F	L	L1	W	Insert	Screw	Wrench	Price
		R	L												
S	ECZR/L-20-2M-A	●	●	24	2	5	20	13	180	32	2	ECH200	CD6-60		
	ECZR/L-20-3M-A	●	●	24	2	5	20	13	180	32	3	ECH300			
	ECZR/L-25-2M-A	●	●	31	2	8	25	17	200	42	2	ECH200			
	ECZR/L-25-2M	●	●	35	1	8	25	21	200	42	2	ECH200			
	ECZR/L-25-3M-A	●	●	31	2	8	25	17	200	42	3	ECH300			
	ECZR/L-25-3M	●	●	35	1	8	25	22	200	42	3	ECH300			
	ECZR/L-25-4M-A	●	●	31	2	8	25	17	200	42	4	ECH400			
	ECZR/L-25-4M	●	●	35	1	8	25	21	200	42	4	ECH400			
	ECZR/L-32-3M-A	●	●	39	2	10	32	22	250	54	3	ECH300	LW040		
	ECZR/L-32-3M	●	●	43	1	10	32	26	250	54	3	ECH300			
	ECZR/L-32-4M-A	●	●	39	2	10	32	22	250	54	4	ECH400			
	ECZR/L-32-4M	●	●	43	1	10	32	26	250	54	4	ECH400			
	ECZR/L-40-3M	●	●	55	1	13	40	32	300	80	3	ECH300	CD6-60-20		
	ECZR/L-40-4M	●	●	55	1	13	40	32	300	80	4	ECH400			
	ECZR/L-40-5M	●	●	55	1	13	40	32	300	80	5	ECH500			
	ECZR/L-50-3M	●	●	65	1	14	50	38	350	100	3	ECH300			
	ECZR/L-50-4M	●	●	65	1	14	50	38	350	100	4	ECH400			
	ECZR/L-50-5M	●	●	65	1	14	50	38	350	100	5	ECH500			

● Insert Detail : ECH→Ref. Page-Y

Internal Grooving

ECH

DGM

EC

ETN3

GIP

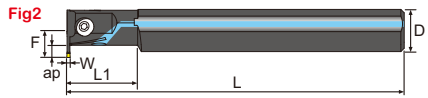
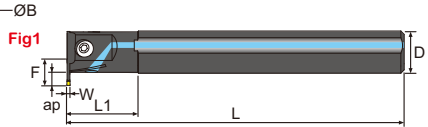
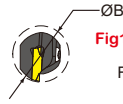
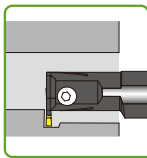
TGMF

DGN

MGMN

GY2M

H
GROOVING

OCZ Internal Grooving
 Right Hand Show


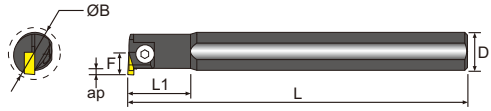
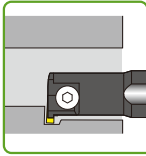
Internal Grooving

Shank	Model No	Stock		Min. Bore Dia. ØB	Fig	ap	D	F	L	L1	W	Insert	Screw	Wrench	Price
		R	L												
S	OCZR-20-2M-A	●	●	24	2	5	20	13	180	32	2	ECH200	CD6-60	LW040	
	OCZR-20-3M-A	●	●	24	2	5	20	13	180	32	3	ECH300			
	OCZR-25-2M-A	●	●	31	2	8	25	17	200	42	2	ECH200			
	OCZR-25-2M	●	●	35	1	8	25	21	200	42	2	ECH200			
	OCZR-25-3M-A	●	●	31	2	8	25	17	200	42	3	ECH300			
	OCZR-25-3M	●	●	35	1	8	25	22	200	42	3	ECH300			
	OCZR-25-4M-A	●	●	31	2	8	25	17	200	42	4	ECH400			
	OCZR-25-4M	●	●	35	1	8	25	21	200	42	4	ECH400			
	OCZR-32-3M-A	●	●	39	2	10	32	22	250	54	3	ECH300	CD6-60-20		
	OCZR-32-3M	●	●	43	1	10	32	26	250	54	3	ECH300			
	OCZR-32-4M-A	●	●	39	2	10	32	22	250	54	4	ECH400			
	OCZR-32-4M	●	●	43	1	10	32	26	250	54	4	ECH400			
	OCZR-40-3M	●	●	55	1	13	40	32	300	80	3	ECH300			
	OCZR-40-4M	●	●	55	1	13	40	32	300	80	4	ECH400			
	OCZR-40-5M	●	●	55	1	13	40	32	300	80	5	ECH500			
	OCZR-50-3M	●	●	65	1	14	50	38	350	100	3	ECH300			
	OCZR-50-4M	●	●	65	1	14	50	38	350	100	4	ECH400			
	OCZR-50-5M	●	●	65	1	14	50	38	350	100	5	ECH500			

● Insert Detail : ECH→Ref. Page-Y

H
 GROOVING

ECDG Internal Grooving
Right Hand Show



Shank	Model No	Stock		Min. BoreDia. ØB	ap	D	F	L	L1	Insert 	Screw 	Wrench 	Price			
		R	L													
S	ECDGR/L-20-3M	●	●	24	5	20	13	150	32	DGM30 	CD6-60 	LW040 				
	ECDGR/L-25-3M	●	●	31	8	25	17	200	40							
	ECDGR/L-32-3M		●	39	10	32	22	250	50					CD6-60-20 		
	ECDGR/L-20-4M	●	●	24	54	20	13	150	32	DGM40 	CD6-60 	LW040 				
	ECDGR/L-25-4M		●	31	8	25	17	200	40							
	ECDGR/L-32-4M	●	●	39	10	32	22	250	50					CD6-60-20 		

●Insert : Mitsubishi.

Internal Grooving

ECH

DGM

EC

ETN3

GIP

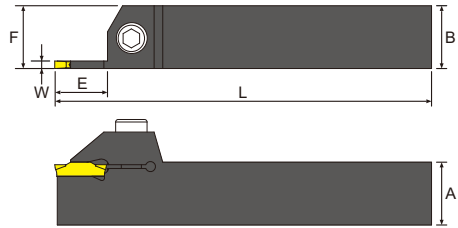
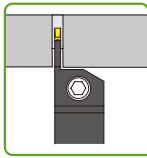
TGMF

DGN

MGMN

GY2M




H
GROOVING

EZH Externak Grooving
 Right Hand Show


Externak Grooving

ECH
DGM
EC
ETN3
GIP
TGMF
DGN
MGMN
GY2M
H
 GROOVING

Shank	Model No	Stock			E	F	L	W	Insert	Screw	Wrench	Price
		R	L	A								
S	EZHR/L-20K-2D-14	●	●	20	20	14	20	125	2	ECH200	CS6-60	LW050
	EZHR/L-20K-3D-20	●	●	20	20	20	20	125	3	ECH300		
	EZHR/L-20K-3D-25	●	●	20	20	25	20	125	3	ECH400		
	EZHR/L-20K-4D-20	●	●	20	20	20	20	125	4			
	EZHR/L-20K-4D-25	●	●	20	20	25	20	125	4	ECH500		
	EZHR/L-25M-2D-06	●		25	25	6	25	150	2			
	EZHR/L-25M-2D-09	●		25	25	9	25	150	2	ECH200		
	EZHR/L-25M-2D-14	●	●	25	25	14	25	150	2			
	EZHR/L-25M-2D-17	●		25	25	17	25	150	2	ECH300		
	EZHR/L-25M-3D-09	●	●	25	25	9	25	150	3			
	EZHR/L-25M-3D-20	●	●	25	25	20	25	150	3	ECH300		
	EZHR/L-25M-3D-25	●	●	25	25	25	25	150	3			
	EZHR/L-25M-4D-09	●	●	25	25	9	25	150	4	ECH400		
	EZHR/L-25M-4D-20	●	●	25	25	20	25	150	4			
	EZHR/L-25M-4D-25	●	●	25	25	25	25	150	4	ECH500		
	EZHR/L-25M-5D-09	●	●	25	25	9	25	150	5			
	EZHR/L-25M-5D-25	●	●	25	25	25	25	150	5	ECH600		
	EZHR/L-25M-6D-20	●	●	25	25	20	25	150	6			
	EZHR/L-25M-6D-25	●	●	25	25	25	25	150	6			
H	HZHR/L-25M-2D-14	●	●	25	25	14	25	150	2	ECH200	CS6-60	LW050
	HZHR/L-25M-3D-20	●	●	25	25	20	25	150	3	ECH300		
	HZHR/L-25M-3D-25	●	●	25	25	25	25	150	3			

Shank	Model No	Stock		A	B	E	F	L	W	Insert	Screw	Wrench	Price
		R	L										
H	HZHR/L-25M-4D-20	●	●	25	25	20	25	150	4	ECH400	CS6-60	LW050	
	HZHR/L-25M-4D-25	●	●	25	25	25	25	150	4	ECH400			
	HZHR/L-25M-5D-30	●	●	25	25	30	25	150	5	ECH500			

●Insert Detail : ECH→Ref.Page-Y

ECH



DGM



EC



ETN3



GIP



TGMF



DGN



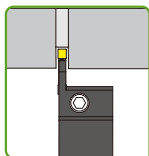
MGMN



GY2M






H
GROOVING

EGHGR External Grooving
 Right Hand Show

Chief Tool Holders for External Deep Grooving.

- Grooving, Broach grooving & deep grooving.
- Cut-off grooving & face grooving.

Externak Grooving

Model No	Stock		A	B	E	F	L	W	Insert 	Screw 	Wrench 	Price	
	R	L											
EGHGR/L-16-3M	●	●	16	16	16	16	125	3	GIP 	CS6-60	LW040		
EGHGR/L-20-2M	●		20	20	14	20	125	2					
EGHGR/L-20-3M	●	●	20	20	20	20	125	3					
EGHGR/L-20-4M	●	●	20	20	20	20	125	4-5					
EGHGR/L-25-2M	●		25	25	14	25	150	2					
EGHGR/L-25-3M	●	●	25	25	20	25	150	3			CS6-60	LW050	
EGHGR/L-25-4M	●	●	25	25	20	25	150	4-5					
EGHGR/L-25-5M	●	●	25	25	25	25	150	5-6.4					
EGHRGR/L-25-5M-20	●		25	25	20	25	150	5					

●Insert : Iscar.


 DGM


 EC


 ETN3


 GIP


 TGMF

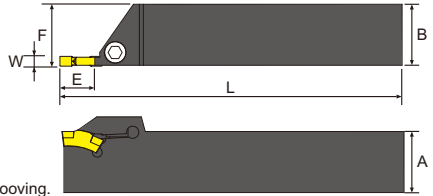
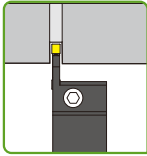

 DGN


 MGMN


 GY2M






 H
 GROOVING

ETGDR External Grooving
Right Hand Show



Chief Tool Holders for External Deep Grooving.

- Grooving, Broach grooving & deep grooving.
- Cut-off grooving & face grooving.

Model No	Stock		A	B	E	F	L	W	Insert 	Screw 	Wrench 	Price
	R	L										
ETGDR/L-16-3M	●		16	16	16	16	125	3	TGMF 	CS6-50	LW040	
ETGDR/L-20-3M	●		20	20	18	20	125	3				
ETGDR/L-20-4M	●		20	20	18	20	125	4-5				
ETGDR/L-25-3M	●		25	25	18	25	150	3		CS6-60	LW050	
ETGDR/L-25-4M	●		25	25	18	25	150	4-5				
ETGDR/L-25-5M	●		25	25	18	25	150	5-6.4				

●Insert : Iscar.

External Grooving



TGMF



DGN



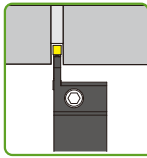
MGMN



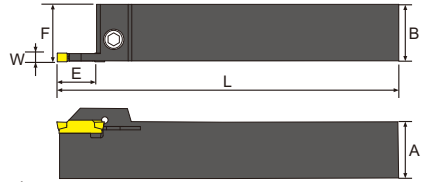
GY2M



H
GROOVING

EDGTR External Grooving
 Right Hand Show

Tool Holders for External Deep Turning

- Grooving, Broach grooving & deep grooving.
- Cut-off grooving & face grooving.



External Grooving



DGM



EC



ETN3



GIP



TGMF





DGN


MGMN



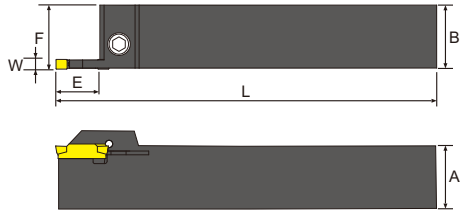
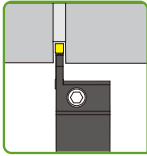
GY2M








H
 GROOVING

Model No	Stock		A	B	E	F	L	W	Insert 	Screw 	Wrench 	Price
	R	L										
EDGTR/L-10B-2D-14	●		10	10	14	10	125	2	DGN	CS35-115	T15	
EDGTR/L-12B-2D-14	●	●	12	12	14	12	125	2				
EDGTR/L-10B-3D-14	●		10	10	14	10	125	3				
EDGTR/L-12B-3D-14	●	●	12	12	14	12	125	3				
EDGTR/L-16B-2D-14	●	●	16	16	14	16	125	2	CS6-50	LW040		
EDGTR/L-16B-3D-16	●	●	16	16	16	16	125	3				
EDGTR/L-20B-2D-14	●	●	20	20	14	20	125	2	CS6-60	LW050		
EDGTR/L-20B-3D-20	●	●	20	20	20	20	125	3				
EDGTR/L-25B-2D-14	●		25	25	14	25	150	2				
EDGTR/L-25B-3D-20	●	●	25	25	20	25	150	3				

● Insert : Iscar.

EDGH External Grooving
Right Hand Show

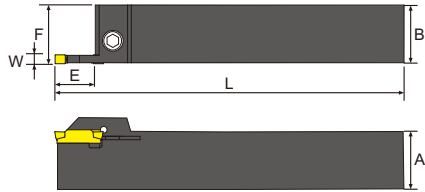
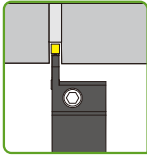


Model No	Stock		A	B	E	F	L	W	Insert 	Screw 	Wrench 	Price
	R	L										
EDGHR-16B-3D-16	●		16	16	16	16	125	3	DGM 	CS6-60 	LW050 	
EDGHR-16B-4D-16	●		16	16	16	16	125	4				
EDGHR/L-25B-3D-20			25	25	20	20	150	3				
EDGHR/L-20B-4D-20			20	20	20	20	125	4				
EDGHR/L-25B-4D-20			20	20	20	20	150	4				
EDGHR/L-25B-5D-25			25	25	25	25	150	5				

●Insert : Mitsubishi.

External Grooving



EGEHR External Grooving
 Right Hand Show


External Grooving



ECH



DGM



EC



ETN3



GIP



TGMF



DGN


MGMN

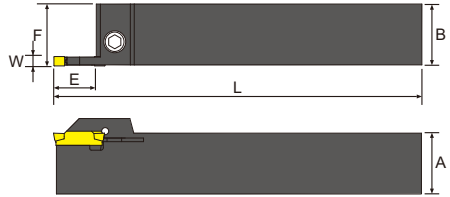
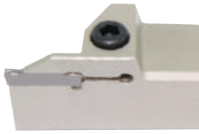
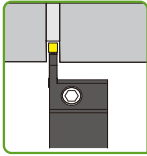

GY2M


H
 GROOVING

Model No	Stock		A	B	E	F	L	W	Insert 	Screw 	Wrench 	Price
	R	L										
EGEHR/L-16B-2D-14	●		16	16	14	16	125	2	MGMN 	CS6-60	LW040	
EGEHR/L-16B-3D-14			16	16	14	16	125	3				
EGEHR/L-20B-2D-14	●		20	20	14	20	125	2				
EGEHR/L-20B-3D-20	●	●	20	20	20	20	125	3				
EGEHR/L-20B-4D-20	●	●	20	20	20	20	125	4				
EGEHR/L-25B-2D-14	●		25	25	14	25	150	2				
EGEHR/L-25B-3D-20	●	●	25	25	20	25	150	3				
EGEHR/L-25B-4D-20	●	●	25	25	20	25	150	4				
EGEHR/L-25B-5D-25	●	●	25	25	25	25	150	5				

●Insert : Korloy

EGYH External Grooving
Right Hand Show



Model No	Stock		A	B	E	F	L	W	Insert 	Screw 	Wrench 	Price
	R	L										
EGYHR/L-20K-2D-14	●	●	20	20	14	20	125	2	GY2M	CS6-60	LW050	
EGYHR/L-20K-2D-16	●	●	20	20	16	20	125	2				
EGYHR/L-20K-3D-20	●	●	20	20	20	20	125	3				
EGYHR/L-20K-4D-20	●	●	20	20	20	20	125	4				
EGYHR/L-25M-2D-16	●	●	25	25	16	25	150	2				
EGYHR/L-25M-3D-09	●	●	25	25	9	25	150	3				
EGYHR/L-25M-3D-20	●	●	25	25	20	25	150	3				
EGYHR/L-25M-4D-09	●	●	25	25	9	25	150	4				
EGYHR/L-25M-4D-20	●	●	25	25	20	25	150	4				
EGYHR/L-25M-5D-25	●	●	25	25	25	25	150	5				

● Insert : Mitsubishi.

External Grooving

ECH



DGM



EC



ETN3



GIP



TGMF



DGN



MGMN



GY2M



H
GROOVING



Minimum processing range

Ø40

Maximum processing range

Ø999

Coolant Thru Spindle Design

OFGR series

PATENT NEW PRODUCT

Coolant Face Grooving

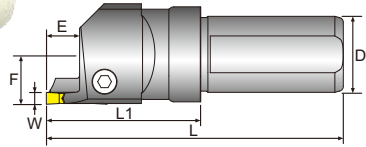
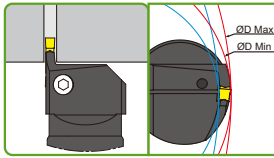
Didn't need to dismantling the tool block, can faster positioning to use can make internal face grooving.



**No need to waste your time
dismantle the tool block!!**

OFGR Coolant Face Grooving

New Arrival



Model No	Stock	Range ØD		D	E	F	L	L1	W	Insert	Screw	Wrench	Price	
		Max	Min											
OFGR32M-2934-4T14		29	34	32	14	21	125	65	4	ECH400	CS6-60	LW050		
OFGR32M-2934-4T25		29	34	32	25	21	125	65	4					
OFGR32M-2935-3T12		29	35	32	12	21	125	65	3	ECH300				
OFGR32M-2935-3T20		29	35	32	20	21	125	65	3					
OFGR32M-3540-3T12		35	40	32	12	21	125	65	3	ECH300				
OFGR32M-3540-3T20		35	40	32	20	21	125	65	3					
OFGR32M-4050-3T12		40	50	32	12	21	125	65	3	ECH400				
OFGR32M-4050-3T20		40	50	32	20	21	125	65	3					
OFGR32M-4050-4T14		40	50	32	14	21	125	65	4	ECH500				
OFGR32M-4050-4T25		40	50	32	25	21	125	65	4					
OFGR32M-4050-5T14		40	50	32	14	21	125	65	5	ECH500				
OFGR32M-4050-5T25		40	50	32	25	21	125	65	5					
OFGR32M-5060-3T12		50	60	32	12	21	125	65	3	ECH300				
OFGR32M-5060-3T20		50	60	32	20	21	125	65	3					
OFGR32M-5060-4T14		50	60	32	14	21	125	65	4	ECH400				
OFGR32M-5060-4T25		50	60	32	25	21	125	65	4					
OFGR32M-5060-5T14		50	60	32	14	21	125	65	5	ECH500				
OFGR32M-5060-5T25		50	60	32	25	21	125	65	5					
OFGR32M-6075-3T12		60	75	32	12	21	125	65	3	ECH300				
OFGR32M-6075-3T20		60	75	32	20	21	125	65	3					
OFGR32M-6085-4T14		60	85	32	14	21	125	65	4	ECH400				
OFGR32M-6085-4T25		60	85	32	25	21	125	65	4					

※ Continued on next page.

Coolant Face Grooving

ECH

DGM

EC

ETN3

GIP

TGMF

DGN

MGMN

GY2M

H
GROOVING

Coolant Face Grooving

ECH

DGM

EC

ETN3

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DGN

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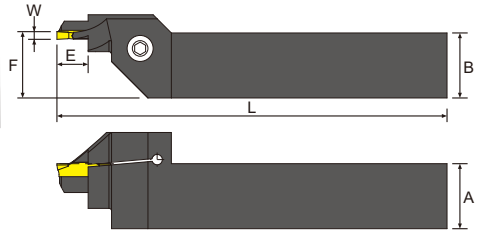
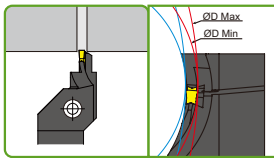
GROOVING

Model No	Stock	Range ØD		D	E	F	L	L1	W	Insert 	Screw 	Wrench 	Price
		Max	Min										
OFGR32M-6085-5T14		60	85	32	14	21	125	65	5	ECH500			
OFGR32M-6085-5T25		60	85	32	25	21	125	65	5	ECH500			
OFGR32M-75100-3T12		75	100	32	12	21	125	65	3	ECH300			
OFGR32M-75100-3T20		75	100	32	20	21	125	65	3	ECH300			
OFGR32M-85125-4T14		85	125	32	14	21	125	65	4	ECH400			
OFGR32M-85125-4T25		85	125	32	25	21	125	65	4	ECH400			
OFGR32M-85125-5T14	●	85	125	32	14	21	125	65	5	ECH500			
OFGR32M-85125-5T25		85	125	32	25	21	125	65	5	ECH500			
OFGR32M-100150-3T12		100	150	32	12	21	125	65	3	ECH300			
OFGR32M-100150-3T20		100	150	32	20	21	125	65	3	ECH300			
OFGR32M-125200-4T14		125	200	32	14	21	125	65	4	ECH400			
OFGR32M-125200-4T25		125	200	32	25	21	125	65	4	ECH400			
OFGR32M-125200-5T14		125	200	32	14	21	125	65	5	ECH500	CS6-60	LW050	
OFGR32M-125200-5T25		125	200	32	25	21	125	65	5	ECH500	CS6-60	LW050	
OFGR32M-135200-3T12		135	200	32	12	21	125	65	3	ECH300			
OFGR32M-135200-3T20		135	200	32	20	21	125	65	3	ECH300			
OFGR32M-180250-3T12		180	250	32	12	21	125	65	3	ECH300			
OFGR32M-180250-3T20		180	250	32	20	21	125	65	3	ECH300			
OFGR32M-180280-4T14		180	280	32	14	21	125	65	4	ECH400			
OFGR32M-180280-4T25		180	280	32	25	21	125	65	4	ECH400			
OFGR32M-180280-5T14		180	280	32	14	21	125	65	5	ECH500			
OFGR32M-180280-5T25		180	280	32	25	21	125	65	5	ECH500			
OFGR32M-250999-4T14		250	999	32	14	21	125	65	4	ECH400			
OFGR32M-250999-4T25		250	999	32	25	21	125	65	4	ECH400			
OFGR32M-250999-5T14		250	999	32	14	21	125	65	5	ECH500			
OFGR32M-250999-5T25		250	999	32	20	21	125	65	5	ECH500			

● Insert Detail : ECH→Ref. Page-Y

EZG Externak Grooving
Right Hand Show

New Specification Arrival



Face Grooving

Model No	Stock	Range ØD		A	B	E	F	L	W	Insert	Screw	Wrench	Price	
		Max	Min											
EZGR-2520-2934-4T17	●	29	34	25	25	17	26	150	4	ECH400	CS6-60	LW050		
EZGR-25-2934-4T06	●	29	34	25	25	6	26	150	4					
EZGR-25-2934-4T09	●	29	34	25	25	9	26	150	4					
EZGR-25-2934-4T12	●	29	34	25	25	12	26	150	4					
EZGR-25-2934-4T14	●	29	34	25	25	14	26	150	4					
EZGR-25-2934-4T17	●	29	34	25	25	17	26	150	4					
EZGR-25-2934-4T20	●	29	34	25	25	20	26	150	4					
EZGR-25-2934-4T25	●	29	34	25	25	25	26	150	4					
EZGR-25-2935-3T12	●	29	35	25	25	12	26	150	3				ECH300	
EZGR-25-3540-3T12	●	35	40	25	25	12	26	150	3					
EZGR-25-4050-3T12	●	40	50	25	25	12	26	150	3	ECH400				
EZGR-25-4050-4T14	●	40	50	25	25	14	26	150	4	ECH500				
EZGR-25-5060-3T12	●	50	60	25	25	12	26	150	3	ECH400				
EZGR-25-5060-4T16	●	50	60	25	25	16	26	150	4	ECH300				
EZGR-25-6075-3T12	●	60	75	25	25	12	26	150	3					
EZGR-25-6075-3T20	●	60	75	25	25	20	26	150	3	ECH400				
EZGR-25-6085-4T14	●	60	85	25	25	14	26	150	4					
EZGR-25-6085-4T25	●	60	85	25	25	25	26	150	4	ECH500				
EZGR-25-6085-5T14	●	60	85	25	25	14	26	150	5					
EZGR-25-6085-5T25	●	60	85	25	25	25	26	150	5	ECH300				
EZGR-25-75100-3T12	●	75	100	25	25	12	26	150	3					

※ Continued on next page.

ECH

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ETN3

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TGMF

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GY2M

H
GROOVING

Face Grooving

ECH


DGM



EC



ETN3



GIP



TGMF



DGN



MGMN



GY2M

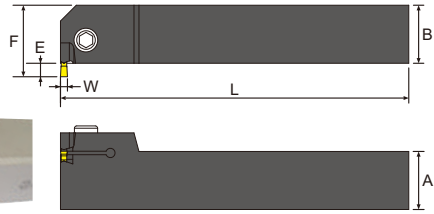
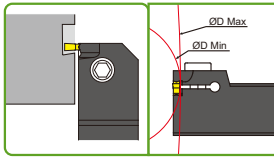

H

GROOVING

Model No	Stock	Range ØD		A	B	E	F	L	W	Insert	Screw	Wrench	Price
		Max	Min										
EZGR-25-75100-3T20	●	75	100	25	25	20	26	150	3	ECH300	CS6-60	LW050	
EZGR-25-85125-4T14	●	85	125	25	25	14	26	150	4	ECH400			
EZGR-25-85125-4T25	●	85	125	25	25	25	26	150	4	ECH500			
EZGR-25-85125-5T14	●	85	125	25	25	14	26	150	5				
EZGR-25-85125-5T25	●	85	125	25	25	25	26	150	5	ECH500			
NEW EZGR-25-85125-5T30	●	85	125	25	25	30	26	150	5				
EZGR-25-100150-3T12	●	100	150	25	25	12	26	150	3	ECH300			
EZGR-25-100150-3T20	●	100	150	25	25	20	26	150	3	ECH400			
EZGR-25-125200-4T14	●	125	200	25	25	14	26	150	4				
EZGR-25-125200-4T25	●	125	200	25	25	25	26	150	4	ECH500			
EZGR-25-125200-5T14	●	125	200	25	25	14	26	150	5				
EZGR-25-125200-5T25	●	125	200	25	25	25	26	150	5	ECH500			
EZGR-25-135200-3T12	●	135	200	25	25	12	26	150	3	ECH300			
EZGR-25-135200-3T20	●	135	200	25	25	20	26	150	3				
EZGR-25-180250-3T12	●	180	250	25	25	12	26	150	3	ECH400			
EZGR-25-180250-3T20	●	180	250	25	25	20	26	150	3				
EZGR-25-180250-4T14	●	180	280	25	25	14	26	150	4	ECH500			
EZGR-25-180250-4T25	●	180	280	25	25	25	26	150	4				
EZGR-25-180250-5T14	●	180	280	25	25	14	26	150	5	ECH500			
EZGR-25-180280-5T25	●	180	280	25	25	25	26	150	5	ECH400			
EZGR-25-250999-4T14	●	250	999	25	25	14	26	150	4				
EZGR-25-250999-4T25	●	250	999	25	25	25	26	150	4	ECH400			
EZGR-25-250999-5T14	●	250	999	25	25	14	26	150	5	ECH500			
EZGR-25-250999-5T25	●	250	999	25	25	25	26	150	5				

● Insert Detail : ECH→Ref.Page-Y

EHH Externak Shallow Grooving
Right Hand Show



Model No	Stock		Range ØD		A	B	E	F	L	W	Insert	Screw	Wrench	Price
	R	L	Max	Min										
EHHR/L-20K-2D-6	●		350	1000	20	20	6	20	125	2	ECH200	CS6-60	LW050	
EHHR/L-20K-3D-6	●	●	110	1000	20	20	6	20	125	3	ECH300			
EHHR/L-20K-4D-6	●	●	80	1000	20	20	6	20	125	4	ECH400			
EHHR/L-25M-2D-6	●		350	1000	25	25	6	25	150	2	ECH200			
EHHR/L-25M-3D-6	●	●	110	1000	25	25	6	25	150	3	ECH300			
EHHR/L-25M-4D-6	●	●	80	1000	25	25	6	25	150	4	ECH400			
EHHR/L-25M-5D-8	●	●	90	1000	25	25	8	25	150	5	ECH500			

● Insert Detail : ECH→Ref.Page-Y

External Shallow Grooving

ECH



DGM



EC



ETN3



GIP



TGMF



DGN



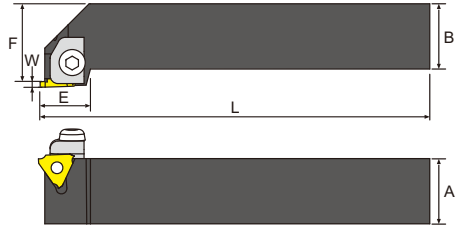
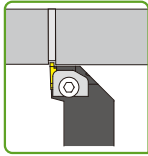
MGMN



GY2M



H
GROOVING

EWC Externak Grooving
 Right Hand Show


External Grooving

ECH



DGM


EC


ETN3



GIP



TGMF



DGN



MGMN



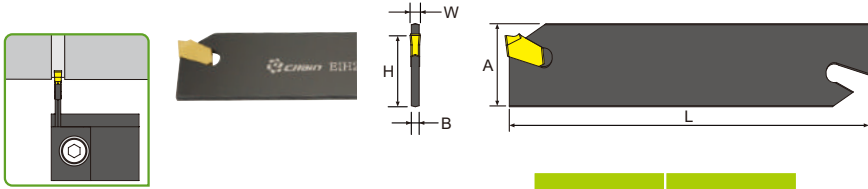
GY2M


H
 GROOVING

Model No	Stock		A	B	E	F	L	W	Insert	Screw	Clamp	Screw	Spring	Wrench	Wrench	Price
	R	L														
EWCR/L-1212K16	●	●	12	12	12	12	125	3	EC16R/L	CH40	-	-	-	-	-	
EWCR/L-1616K16	●	●	16	16	16	12	125	3								
EWCR/L-2020K16	●	●	20	20	25	25	125	3	EC22R/L	CS45	-	-	-	-	-	
EWCR/L-2020K22	●	●	20	20	20	25	125	0.5-4.8								
EWCR/L-2020K22-15	●	●	20	20	20	25	125	1.5-2.3	EC22R/L	CS45	-	-	-	-	-	
EWCR/L-2020K22-25	●	●	20	20	20	25	125	2.5-3.3								
EWCR/L-2020K22-35	●	●	20	20	20	25	125	3.5-4.8	EC16R/L	CH40	ETK1 R/L	CD6- 60-20	S6	T-15	LW040	
EWCR/L-2525M16	●	●	25	25	25	30	150	3								
EWCR/L-2525M22	●	●	25	25	25	30	150	0.5-4.8	EC22R/L	CS45	-	-	-	-	-	
EWCR/L-2525M22-15	●	●	25	25	25	30	150	1.5-2.3								
EWCR/L-2525M22-25	●	●	25	25	25	30	150	2.5-3.3	EC22R/L	CS45	-	-	-	-	-	
EWCR/L-2525M22-35	●	●	25	25	25	30	150	3.5-4.8								

● Insert Detail : EC16R、EC22R→Ref.Page-AQ-AR

EIH Blade For Parting Off



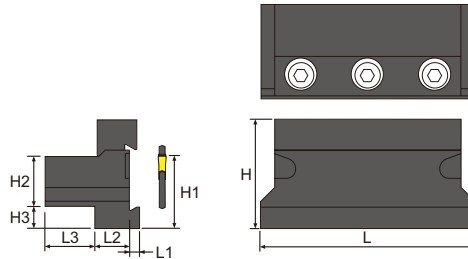
Model No	Stock	A	B	H	L	W	Insert	Wrench	Price
EIH26-3	●	25.4	2.4	21	110	3	ETN3	EL-1	
EIH32-3	●	31.3	2.4	25	150	3			

※EL-1(wrench) isn't include in the holders, it needs to purchase separately.

●Insert Detail : ETN3→Ref.Page-241

●Block refer "EBU" as below.

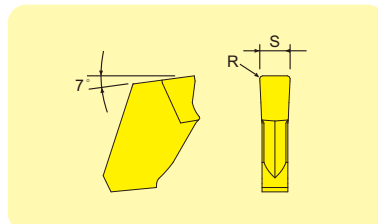
EBU For EIH Blade Block



Model No	Stock	H	H1	H2	H3	L	Assembly Holder	Screw	Wrench	Price
EBU20-26	●	45	20	20	10	80	EIH26-3 EIH32-3	CS6-60	LW050	
EBU20-32	●	50	25	20	13.5	100				
EBU25-32	●	50	25	25	8.5	110				

ETN3 INSERT

- Standard Stocks
- ◆ Grade Ref. Page-D
- ◆ Chipbreaker Ref. Page-F-H
- ◆ Cutting condition Ref. Page-I



Shape	Model No	R	S	Carbide Coated
	ETN3-1E	0.3	0.3	P BEF706

END MILL SERIES

Shoulder Face Milling Series

Surface Milling Series

Mortising Series

Multi-Function Milling Series

Profile Milling Series

