

GY SERIES PSC HOLDER

HIGH-RIGIDITY, PRECISION MACHINING

SIMPLY CHANGE THE BLADE FOR EASY EXCHANGE BETWEEN DIFFERENT SIZES AND TYPES OF APPLICATION



GY GROOVING SERIES PSC HOLDER

MODULAR BLADES FROM THE GY SERIES ARE EASILY MOUNTED. PROVIDING A WIDE RANGE OF MACHINING CHOICES

COOLANT NOZZLES WITH ADJUSTABLE ANGLES

Coolant nozzles mounted on the main body can be adjusted to any desired angle (approx. $\pm 10^\circ$) to supply cutting fluid to the cutting edges efficiently and accurately.

OVER 100 TYPES OF MODULAR BLADES

External, face and recess machining blades can be used for machining a huge range of applications.



Recommended Maximum
Coolant Pressure: 1 MPa



PSC SYSTEM

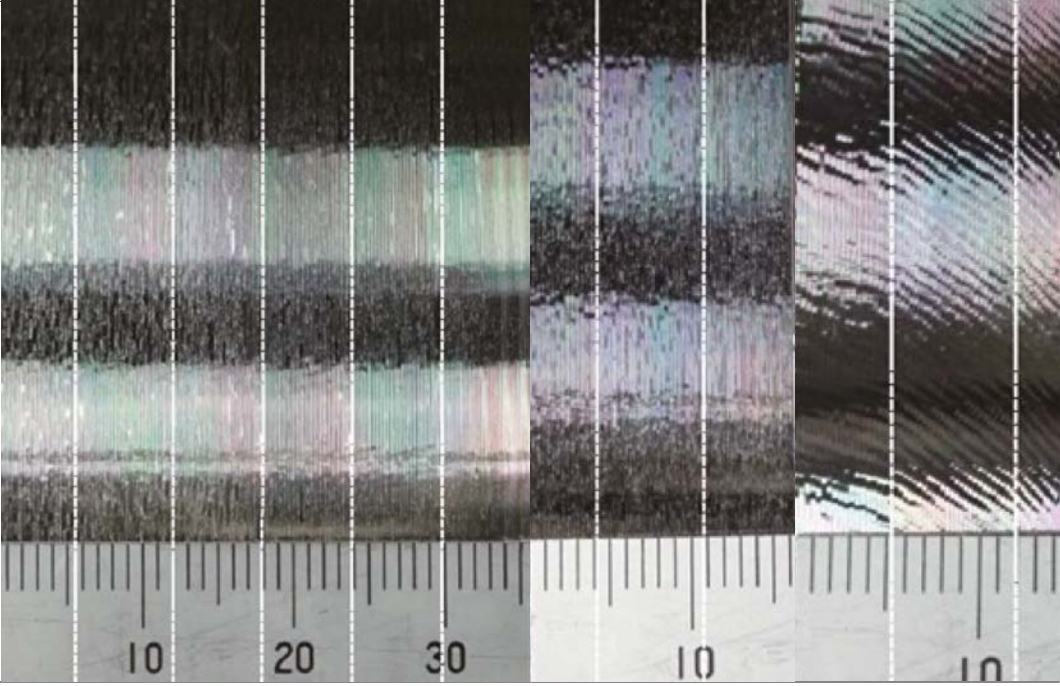
The double taper and face contact uses the precision machined polygon geometry to provide high clamping rigidity. In addition it provides accuracy and easy positional repeatability when tool changing.

Installation size DCONMS
PSC40, PSC50, PSC63

CUTTING PERFORMANCE

COMPARISON OF FINISHED SURFACES WHEN CROSS-FEED MACHINING S45C CARBON STEEL

The GY series uses modular blades with a short overhang which exhibit excellent rigidity, especially during cross-feed machining.

	GY PSC						GY PSC			Conventional		
	max. ap 6 mm						max. ap 12 mm			max. ap 20 mm		
ap (mm)	1.0		1.5		1.0		1.0		1.0			
f (mm/rev.)	0.30	0.25	0.20	0.30	0.25	0.20	0.30	0.25	0.20	0.30	0.25	0.20
Machined surface												
Finished surface evaluation	OK	OK	OK	OK	OK	OK	OK	OK	OK	NG	NG	NG
Machining sound	OK	OK	OK	OK	OK	OK	OK	OK	OK	NG	NG	NG

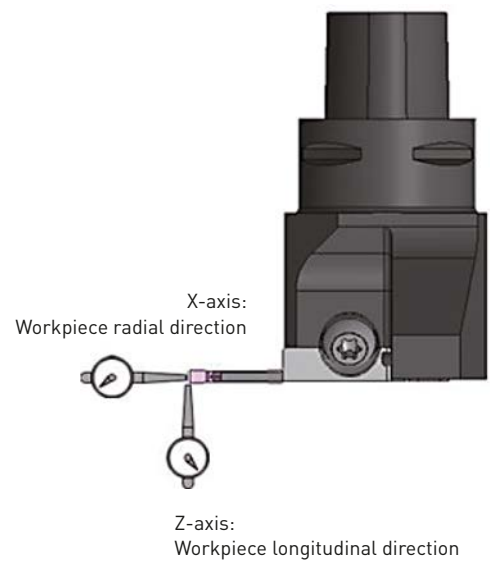
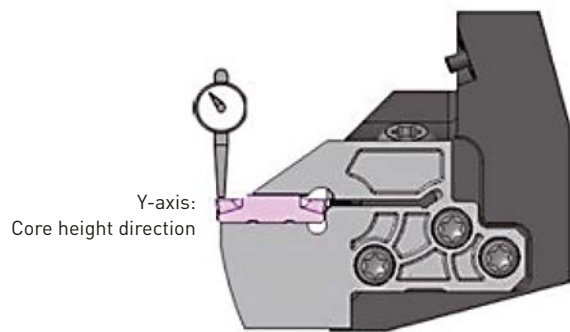
* NG – Displays chatter and vibration

Material	JIS S45C ø150 mm
Cw (mm)	3
Vc (m/min)	180
Cutting mode	Cross-feed machining
Coolant	External cooling 1 Mpa

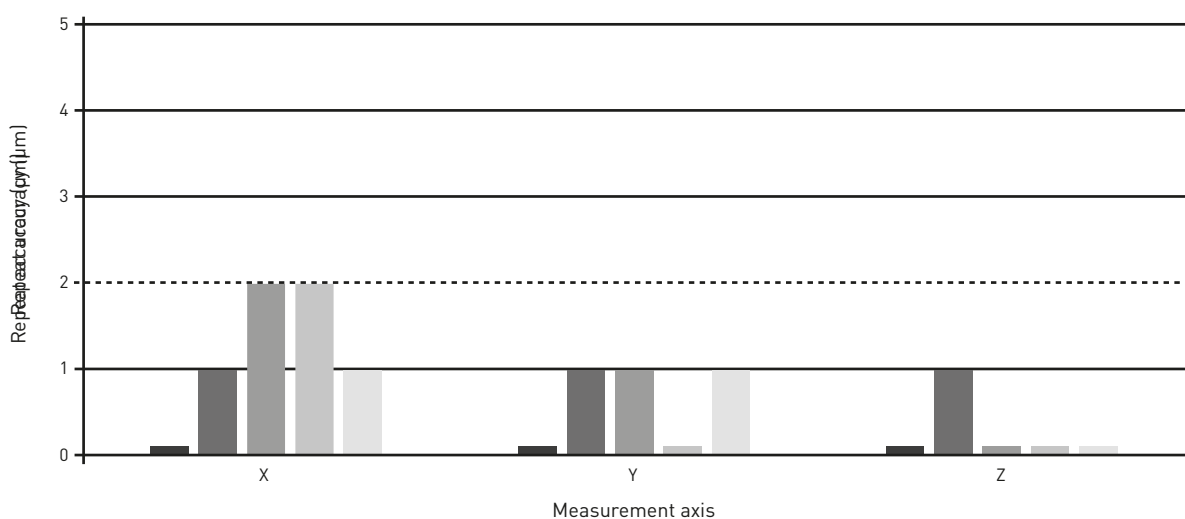
GY GROOVING SERIES PSC HOLDER

REPEAT POSITIONAL ACCURACY WITH A PSC HOLDER

Accuracy of $\pm 2 \mu\text{m}$ or less for all 3 axes is achieved when replacing tools.



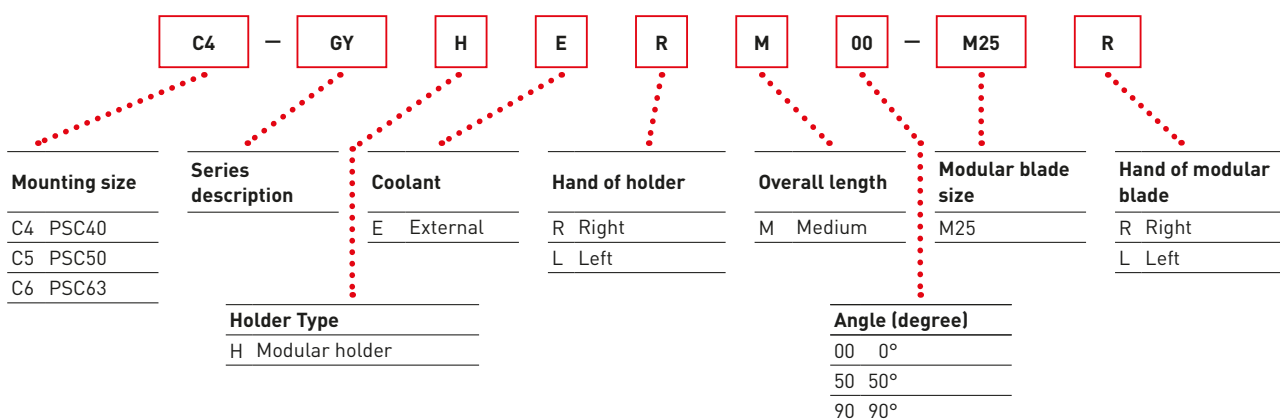
REPEAT POSITIONAL ACCURACY WITH PSC INSTALLATION



■: N1 ■: N2 ■: N3 ■: N4 ■: N5

IDENTIFICATION

PSC HOLDER ORDER NUMBER



GY SERIES L DIMENSION TOLERANCE CONVERSION TABLE

The setting dimensions LF and LH shown on the next pages will change depending on the installed insert.
The standard published dimensions assume GM breakers for a cutting edge angle of 00°, 90° and BM breakers for 50°.

Dimensional tolerance (mm) versus standard dimension (L) of each breaker* ²									
CW	L* ¹	GU	GS/GM	MS/MM	R/L-GM	Flat Top	MF	BM	GL
2.00	20.70	0	0	0	0.10	0	0.35	0.20	0.35
2.24	[20.7]* ³	—	—	—	—	—	0.35	—	—
2.39	20.70	0	0	—	—	0	0.35	—	—
2.50	20.70	0	0	0	0.125	0	0.35	0.20	0.35
2.74	[20.7]* ³	—	—	—	—	—	0.35	—	—
3.00	20.70	0	0	0	0.15	0	0.35	0.20	0.35
3.18	20.70	0	0	—	—	0	0.35	0.20	—
3.24	[20.7]* ³	—	—	—	—	—	0.35	—	—
4.00	25.65	0	0	0	0.20	0	0.30	0.15	—
4.24	[25.65]* ³	—	—	—	—	—	0.30	—	—
4.75	25.65	0	0	—	—	0	0.30	0.15	—
5.00	25.65	0	0	0	0.30	0	0.30	0.15	—
5.24	[25.65]* ³	—	—	—	—	—	0.30	—	—
6.00	25.65	0	0	0	—	0	0.30	0.25	—
6.31	[25.65]* ³	—	—	—	—	—	0.30	—	—
6.35	25.65	0	0	—	—	—	0.30	0.25	—

*¹ This value is used at the described holder dimension.

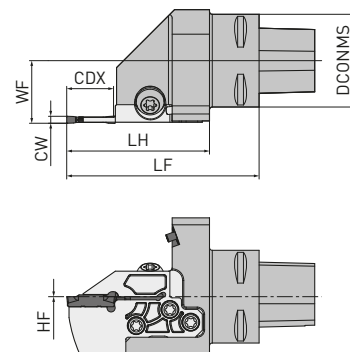
*² — when there is no applicable breaker.

*³ The standard dimensions shown here use an approximate insert width.

GY GROOVING SERIES

EXTERNAL GROOVING

00° TYPE HOLDER



Right hand tool holder shown.

- Please order the modular blade and modular holder separately.
- Please set the right hand modular blade at the right hand holder and the left hand modular blade at the left hand holder.

Order number	Stock	Hand		Mounting size	DCONMS	CW
C4-GYHERM00-M25R	●	R	✓	PSC40	40	2.0-6.35
C4-GYHELM00-M25L	●	L	✓	PSC40	40	2.0-6.35
C5-GYHERM00-M25R	●	R	✓	PSC50	50	2.0-6.35
C5-GYHELM00-M25L	●	L	✓	PSC50	50	2.0-6.35
C6-GYHERM00-M25R	●	R	✓	PSC63	60	2.0-6.35
C6-GYHELM00-M25L	●	L	✓	PSC63	60	2.0-6.35

SET DIMENSIONS WITH MODULAR BLADES

Order number Holder	Stock	Hand	Order number Modular blade	Stock	Hand	Seat size	CW	CDX	CUTDIA	WF	HF	LF	LH
C4-GYHERM00-M25R	●	R	GYM25RA-D06	●	R	D	2.0	6	12	27.0	0	69	47.6
C4-GYHERM00-M25R	●	R	GYM25RA-D12	●	R			12	24	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RA-D20	●	R			20	40	27.0	0	83	61.6
C4-GYHERM00-M25R	●	R	GYM25RA-E06	●	R	E	2.5	6	12	27.0	0	69	47.6
C4-GYHERM00-M25R	●	R	GYM25RA-E12	●	R			12	24	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RA-E20	●	R			20	40	27.0	0	83	61.6
C4-GYHERM00-M25R	●	R	GYM25RA-F06	●	R	F	3.0	6	12	27.0	0	69	47.6
C4-GYHERM00-M25R	●	R	GYM25RA-F12	●	R			12	24	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RA-F20	●	R			20	40	27.0	0	83	61.6
C4-GYHERM00-M25R	●	R	GYM25RA-G08	●	R	G	4.0	8	16	27.0	0	71	49.6
C4-GYHERM00-M25R	●	R	GYM25RA-G14	●	R			14	28	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RA-G25	●	R			25	50	27.0	0	88	66.6
C4-GYHERM00-M25R	●	R	GYM25RA-H08	●	R	H	5.0	8	16	27.0	0	71	49.6
C4-GYHERM00-M25R	●	R	GYM25RA-H14	●	R			14	28	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RA-H25	●	R			25	50	27.0	0	88	66.6

1/3

GY GROOVING SERIES – EXTERNAL GROOVING – 00° TYPE HOLDER

Order number Holder	Stock	Hand	Order number Modular blade	Stock	Hand	Seat size	CW	CDX	CUTDIA	WF	HF	LF	LH
C4-GYHERM00-M25R	●	R	GYM25RA-J08	●	R	J	6.0	8	16	27.0	0	71	49.6
C4-GYHERM00-M25R	●	R	GYM25RA-J14	●	R			14	28	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RA-J25	●	R			25	50	27.0	0	88	66.6
C4-GYHELM00-M25L	●	L	GYM25LA-D06	●	L	D	2.0	6	12	27.0	0	69	47.6
C4-GYHELM00-M25L	●	L	GYM25LA-D12	●	L			12	24	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LA-D20	●	L			20	40	27.0	0	83	61.6
C4-GYHELM00-M25L	●	L	GYM25LA-E06	●	L	E	2.5	6	12	27.0	0	69	47.6
C4-GYHELM00-M25L	●	L	GYM25LA-E12	●	L			12	24	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LA-E20	●	L			20	40	27.0	0	83	61.6
C4-GYHELM00-M25L	●	L	GYM25LA-F06	●	L	F	3.0	6	12	27.0	0	69	47.6
C4-GYHELM00-M25L	●	L	GYM25LA-F12	●	L			12	24	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LA-F20	●	L			20	40	27.0	0	83	61.6
C4-GYHELM00-M25L	●	L	GYM25LA-G08	●	L	G	4.0	8	16	27.0	0	71	49.6
C4-GYHELM00-M25L	●	L	GYM25LA-G14	●	L			14	28	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LA-G25	●	L			25	50	27.0	0	88	66.6
C4-GYHELM00-M25L	●	L	GYM25LA-H08	●	L	H	5.0	8	16	27.0	0	71	49.6
C4-GYHELM00-M25L	●	L	GYM25LA-H14	●	L			14	28	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LA-H25	●	L			25	50	27.0	0	88	66.6
C4-GYHELM00-M25L	●	L	GYM25LA-J08	●	L	J	6.0	8	16	27.0	0	71	49.6
C4-GYHELM00-M25L	●	L	GYM25LA-J14	●	L			14	28	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LA-J25	●	L			25	50	27.0	0	88	66.6
C5-GYHERM00-M25R	●	R	GYM25RA-D06	●	R	D	2.0	6	12	35.0	0	69	47.6
C5-GYHERM00-M25R	●	R	GYM25RA-D12	●	R			12	24	35.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RA-D20	●	R			20	40	35.0	0	83	61.6
C5-GYHERM00-M25R	●	R	GYM25RA-E06	●	R	E	2.5	6	12	35.0	0	69	47.6
C5-GYHERM00-M25R	●	R	GYM25RA-E12	●	R			12	24	35.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RA-E20	●	R			20	40	35.0	0	83	61.6
C5-GYHERM00-M25R	●	R	GYM25RA-F06	●	R	F	3.0	6	12	35.0	0	69	47.6
C5-GYHERM00-M25R	●	R	GYM25RA-F12	●	R			12	24	35.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RA-F20	●	R			20	40	35.0	0	83	61.6
C5-GYHERM00-M25R	●	R	GYM25RA-G08	●	R	G	4.0	8	16	35.0	0	71	49.6
C5-GYHERM00-M25R	●	R	GYM25RA-G14	●	R			14	28	35.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RA-G25	●	R			25	50	35.0	0	88	66.6
C5-GYHERM00-M25R	●	R	GYM25RA-H08	●	R	H	5.0	8	16	35.0	0	71	49.6
C5-GYHERM00-M25R	●	R	GYM25RA-H14	●	R			14	28	35.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RA-H25	●	R			25	50	35.0	0	88	66.6
C5-GYHERM00-M25R	●	R	GYM25RA-J08	●	R	J	6.0	8	16	35.0	0	71	49.6
C5-GYHERM00-M25R	●	R	GYM25RA-J14	●	R			14	28	35.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RA-J25	●	R			25	50	35.0	0	88	66.6
C5-GYHELM00-M25L	●	L	GYM25LA-D06	●	L	D	2.0	6	12	35.0	0	69	47.6
C5-GYHELM00-M25L	●	L	GYM25LA-D12	●	L			12	24	35.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LA-D20	●	L			20	40	35.0	0	83	61.6
C5-GYHELM00-M25L	●	L	GYM25LA-E06	●	L	E	2.5	6	12	35.0	0	69	47.6
C5-GYHELM00-M25L	●	L	GYM25LA-E12	●	L			12	24	35.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LA-E20	●	L			20	40	35.0	0	83	61.6
C5-GYHELM00-M25L	●	L	GYM25LA-F06	●	L	F	3.0	6	12	35.0	0	69	47.6
C5-GYHELM00-M25L	●	L	GYM25LA-F12	●	L			12	24	35.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LA-F20	●	L			20	40	35.0	0	83	61.6

2/3



GY GROOVING SERIES – EXTERNAL GROOVING – 00° TYPE HOLDER

Order number Holder	Stock	Hand	Order number Modular blade	Stock	Hand	Seat size	CW	CDX	CUTDIA	WF	HF	LF	LH
C5-GYHELM00-M25L	●	L	GYM25LA-G08	●	L	G	4.0	8	16	35.0	0	71	49.6
C5-GYHELM00-M25L	●	L	GYM25LA-G14	●	L			14	28	35.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LA-G25	●	L			25	50	35.0	0	88	66.6
C5-GYHELM00-M25L	●	L	GYM25LA-H08	●	L	H	5.0	8	16	35.0	0	71	49.6
C5-GYHELM00-M25L	●	L	GYM25LA-H14	●	L			14	28	35.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LA-H25	●	L			25	50	35.0	0	88	66.6
C5-GYHELM00-M25L	●	L	GYM25LA-J08	●	L	J	6.0	8	16	35.0	0	71	49.6
C5-GYHELM00-M25L	●	L	GYM25LA-J14	●	L			14	28	35.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LA-J25	●	L			25	50	35.0	0	88	66.6
C6-GYHERM00-M25R	●	R	GYM25RA-D06	●	R	D	2.0	6	12	45.0	0	71	47.6
C6-GYHERM00-M25R	●	R	GYM25RA-D12	●	R			12	24	45.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RA-D20	●	R			20	40	45.0	0	85	61.6
C6-GYHERM00-M25R	●	R	GYM25RA-E06	●	R	E	2.5	6	12	45.0	0	71	47.6
C6-GYHERM00-M25R	●	R	GYM25RA-E12	●	R			12	24	45.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RA-E20	●	R			20	40	45.0	0	85	61.6
C6-GYHERM00-M25R	●	R	GYM25RA-F06	●	R	F	3.0	6	12	45.0	0	71	47.6
C6-GYHERM00-M25R	●	R	GYM25RA-F12	●	R			12	24	45.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RA-F20	●	R			20	40	45.0	0	85	61.6
C6-GYHERM00-M25R	●	R	GYM25RA-G08	●	R	G	4.0	8	16	45.0	0	73	49.6
C6-GYHERM00-M25R	●	R	GYM25RA-G14	●	R			14	28	45.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RA-G25	●	R			25	50	45.0	0	90	66.6
C6-GYHERM00-M25R	●	R	GYM25RA-H08	●	R	H	5.0	8	16	45.0	0	73	49.6
C6-GYHERM00-M25R	●	R	GYM25RA-H14	●	R			14	28	45.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RA-H25	●	R			25	50	45.0	0	90	66.6
C6-GYHERM00-M25R	●	R	GYM25RA-J08	●	R	J	6.0	8	16	45.0	0	73	49.6
C6-GYHERM00-M25R	●	R	GYM25RA-J14	●	R			14	28	45.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RA-J25	●	R			25	50	45.0	0	90	66.6
C6-GYHELM00-M25L	●	L	GYM25LA-D06	●	L	D	2.0	6	12	45.0	0	71	47.6
C6-GYHELM00-M25L	●	L	GYM25LA-D12	●	L			12	24	45.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LA-D20	●	L			20	40	45.0	0	85	61.6
C6-GYHELM00-M25L	●	L	GYM25LA-E06	●	L	E	2.5	6	12	45.0	0	71	47.6
C6-GYHELM00-M25L	●	L	GYM25LA-E12	●	L			12	24	45.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LA-E20	●	L			20	40	45.0	0	85	61.6
C6-GYHELM00-M25L	●	L	GYM25LA-F06	●	L	F	3.0	6	12	45.0	0	71	47.6
C6-GYHELM00-M25L	●	L	GYM25LA-F12	●	L			12	24	45.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LA-F20	●	L			20	40	45.0	0	85	61.6
C6-GYHELM00-M25L	●	L	GYM25LA-G08	●	L	G	4.0	8	16	45.0	0	73	49.6
C6-GYHELM00-M25L	●	L	GYM25LA-G14	●	L			14	28	45.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LA-G25	●	L			25	50	45.0	0	90	66.6
C6-GYHELM00-M25L	●	L	GYM25LA-H08	●	L	H	5.0	8	16	45.0	0	73	49.6
C6-GYHELM00-M25L	●	L	GYM25LA-H14	●	L			14	28	45.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LA-H25	●	L			25	50	45.0	0	90	66.6
C6-GYHELM00-M25L	●	L	GYM25LA-J08	●	L	J	6.0	8	16	45.0	0	73	49.6
C6-GYHELM00-M25L	●	L	GYM25LA-J14	●	L			14	28	45.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LA-J25	●	L			25	50	45.0	0	90	66.6

3/3

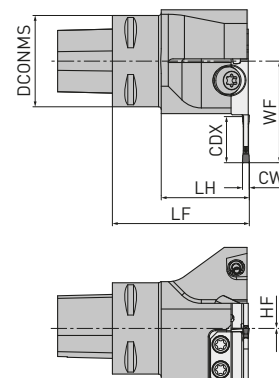
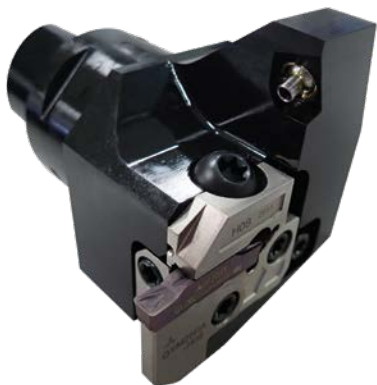
1. The indicated dimensions are values for standard inserts (GM breakers). If other inserts are mounted, LF and LH may differ.
Select the inserts and recommended conditions from "Brochure B140".



GY GROOVING SERIES

EXTERNAL GROOVING

90° TYPE HOLDER



Left hand tool holder shown.

- Please order the modular blade and modular holder separately.
- Please set a left hand modular blade on a right hand holder and the right hand modular blade on a left hand holder.

Order number	Stock	Hand		Mounting size	DCONMS	CW
C4-GYHERM90-M25L	●	R	✓	PSC40	40	2.0-6.35
C4-GYHELM90-M25R	●	L	✓	PSC40	40	2.0-6.35
C5-GYHERM90-M25L	●	R	✓	PSC50	50	2.0-6.35
C5-GYHELM90-M25R	●	L	✓	PSC50	50	2.0-6.35
C6-GYHERM90-M25L	●	R	✓	PSC63	60	2.0-6.35
C6-GYHELM90-M25R	●	L	✓	PSC63	60	2.0-6.35

SET DIMENSIONS WITH MODULAR BLADES

Order number Holder	Stock	Hand	Order number Modular blade	Stock	Hand	Seat size	CW	CDX	CUTDIA	WF	HF	LF	LH
C4-GYHERM90-M25L	●	R	GYM25LA-D06	●	L	D	2.0	6	12	30.0	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LA-D12	●	L			12	24	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LA-D20	●	L			20	40	44.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LA-E06	●	L	E	2.5	6	12	30.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LA-E12	●	L			12	24	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LA-E20	●	L			20	40	44.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LA-F06	●	L	F	3.0	6	12	30.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LA-F12	●	L			12	24	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LA-F20	●	L			20	40	44.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LA-G08	●	L	G	4.0	8	16	32.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LA-G14	●	L			14	28	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LA-G25	●	L			25	50	49.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LA-H08	●	L	H	5.0	8	16	32.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LA-H14	●	L			14	28	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LA-H25	●	L			25	50	49.5	0	60	38.6

1/3

GY GROOVING SERIES – EXTERNAL GROOVING – 90° TYPE HOLDER

Order number Holder	Stock	Hand	Order number Modular blade	Stock	Hand	Seat size	CW	CDX	CUTDIA	WF	HF	LF	LH
C4-GYHERM90-M25L	●	R	GYM25LA-J08	●	L	J	6.0	8	16	32.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LA-J14	●	L			14	28	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LA-J25	●	L			25	50	49.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RA-D06	●	R	D	2.0	6	12	30.0	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RA-D12	●	R			12	24	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RA-D20	●	R			20	40	44.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RA-E06	●	R	E	2.5	6	12	30.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RA-E12	●	R			12	24	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RA-E20	●	R			20	40	44.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RA-F06	●	R	F	3.0	6	12	30.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RA-F12	●	R			12	24	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RA-F20	●	R			20	40	44.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RA-G08	●	R	G	4.0	8	16	32.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RA-G14	●	R			14	28	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RA-G25	●	R			25	50	49.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RA-H08	●	R	H	5.0	8	16	32.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RA-H14	●	R			14	28	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RA-H25	●	R			25	50	49.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RA-J08	●	R	J	6.0	8	16	32.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RA-J14	●	R			14	28	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RA-J25	●	R			25	50	49.5	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LA-D06	●	L	D	2.0	6	12	33.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LA-D12	●	L			12	24	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LA-D20	●	L			20	40	47.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LA-E06	●	L	E	2.5	6	12	33.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LA-E12	●	L			12	24	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LA-E20	●	L			20	40	47.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LA-F06	●	L	F	3.0	6	12	33.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LA-F12	●	L			12	24	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LA-F20	●	L			20	40	47.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LA-G08	●	L	G	4.0	8	16	35.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LA-G14	●	L			14	28	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LA-G25	●	L			25	50	52.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LA-H08	●	L	H	5.0	8	16	35.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LA-H14	●	L			14	28	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LA-H25	●	L			25	50	52.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LA-J08	●	L	J	6.0	8	16	35.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LA-J14	●	L			14	28	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LA-J25	●	L			25	50	52.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RA-D06	●	R	D	2.0	6	12	33.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RA-D12	●	R			12	24	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RA-D20	●	R			20	40	47.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RA-E06	●	R	E	2.5	6	12	33.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RA-E12	●	R			12	24	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RA-E20	●	R			20	40	47.0	0	60	38.6

2/3



GY GROOVING SERIES – EXTERNAL GROOVING – 90° TYPE HOLDER

Order number Holder	Stock	Hand	Order number Modular blade	Stock	Hand	Seat size	CW	CDX	CUTDIA	WF	HF	LF	LH
C5-GYHELM90-M25R	●	L	GYM25RA-F06	●	R	F	3.0	6	12	33.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RA-F12	●	R			12	24	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RA-F20	●	R			20	40	47.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RA-G08	●	R	G	4.0	8	16	35.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RA-G14	●	R			14	28	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RA-G25	●	R			25	50	52.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RA-H08	●	R	H	5.0	8	16	35.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RA-H14	●	R			14	28	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RA-H25	●	R			25	50	52.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RA-J08	●	R	J	6.0	8	16	35.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RA-J14	●	R			14	28	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RA-J25	●	R			25	50	52.0	0	60	38.6
C6-GYHERM90-M25L	●	R	GYM25LA-D06	●	L	D	2.0	6	12	40.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LA-D12	●	L			12	24	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LA-D20	●	L			20	40	54.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LA-E06	●	L	E	2.5	6	12	40.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LA-E12	●	L			12	24	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LA-E20	●	L			20	40	54.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LA-F06	●	L	F	3.0	6	12	40.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LA-F12	●	L			12	24	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LA-F20	●	L			20	40	54.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LA-G08	●	L	G	4.0	8	16	42.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LA-G14	●	L			14	28	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LA-G25	●	L			25	50	59.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LA-H08	●	L	H	5.0	8	16	42.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LA-H14	●	L			14	28	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LA-H25	●	L			25	50	59.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LA-J08	●	L	J	6.0	8	16	42.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LA-J14	●	L			14	28	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LA-J25	●	L			25	50	59.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RA-D06	●	R	D	2.0	6	12	40.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RA-D12	●	R			12	24	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RA-D20	●	R			20	40	54.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RA-E06	●	R	E	2.5	6	12	40.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RA-E12	●	R			12	24	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RA-E20	●	R			20	40	54.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RA-F06	●	R	F	3.0	6	12	40.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RA-F12	●	R			12	24	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RA-F20	●	R			20	40	54.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RA-G08	●	R	G	4.0	8	16	42.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RA-G14	●	R			14	28	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RA-G25	●	R			25	50	59.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RA-H08	●	R	H	5.0	8	16	42.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RA-H14	●	R			14	28	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RA-H25	●	R			25	50	59.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RA-J08	●	R	J	6.0	8	16	42.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RA-J14	●	R			14	28	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RA-J25	●	R			25	50	59.0	0	70	46.6

3/3

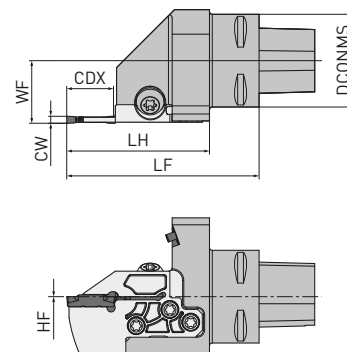
1. The indicated dimensions are values for standard inserts (GM breakers). If other inserts are mounted, LF and LH may differ.
Select the inserts and recommended conditions from "Brochure B140".



GY GROOVING SERIES

FACE GROOVING

00° TYPE HOLDER



Right hand tool holder shown.

- Please order the modular blade and modular holder separately.
- Please set a right hand modular blade on a right hand holder and a left hand modular blade on a left hand holder.

Order number	Stock	Hand		Mounting size	DCONMS	CW
C4-GYHERM00-M25R	●	R	✓	PSC40	40	2.0-6.35
C4-GYHELM00-M25L	●	L	✓	PSC40	40	2.0-6.35
C5-GYHERM00-M25R	●	R	✓	PSC50	50	2.0-6.35
C5-GYHELM00-M25L	●	L	✓	PSC50	50	2.0-6.35
C6-GYHERM00-M25R	●	R	✓	PSC63	60	2.0-6.35
C6-GYHELM00-M25L	●	L	✓	PSC63	60	2.0-6.35

SET DIMENSIONS WITH MODULAR BLADES

Order number Holder	Stock	Hand	Order number Modular blade	Stock	Hand	Seat size	CW	DAXN	DAXX	CDX	WF	HF	LF	LH
C4-GYHERM00-M25R	●	R	GYM25RD-D12-040	●	R	D	2.0	40	50	12	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-D12-050	●	R			50	60	12	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-D12-060	●	R			60	75	12	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-D12-075	●	R			75	100	12	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-D12-100	●	R			100	150	12	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-D12-135	●	R			135	200	12	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-D12-180	●	R			180	250	12	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-E12-040	●	R	E	2.5	40	50	12	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-E12-050	●	R			50	60	12	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-E12-060	●	R			60	75	12	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-E12-075	●	R			75	100	12	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-E12-100	●	R			100	150	12	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-E12-135	●	R			135	200	12	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-E12-180	●	R			180	250	12	27.0	0	77	55.6

1/9



GY GROOVING SERIES – FACE GROOVING – 00° TYPE HOLDER

Order number Holder	Stock	Hand	Order number Modular blade	Stock	Hand	Seat size	CW	DAXN	DAXX	CDX	WF	HF	LF	LH
C4-GYHERM00-M25R	●	R	GYM25RD-F12-035	●	R	F	3.0	35	40	12	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-F12-040	●	R			40	50	12	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-F12-050	●	R			50	60	12	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-F12-060	●	R			60	75	12	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-F12-075	●	R			75	100	12	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-F12-100	●	R			100	150	12	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-F12-135	●	R			135	200	12	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-F12-180	●	R			180	250	12	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-F12-225	●	R			225	999	12	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-F20-060	●	R			60	75	20	27.0	0	83	61.6
C4-GYHERM00-M25R	●	R	GYM25RD-F20-075	●	R			75	100	20	27.0	0	83	61.6
C4-GYHERM00-M25R	●	R	GYM25RD-F20-100	●	R			100	150	20	27.0	0	83	61.6
C4-GYHERM00-M25R	●	R	GYM25RD-F20-135	●	R			135	200	20	27.0	0	83	61.6
C4-GYHERM00-M25R	●	R	GYM25RD-F20-180	●	R			180	250	20	27.0	0	83	61.6
C4-GYHERM00-M25R	●	R	GYM25RD-F20-225	●	R			225	999	20	27.0	0	83	61.6
C4-GYHERM00-M25R	●	R	GYM25RD-G14-040	●	R	G	4.0	40	50	14	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-G14-050	●	R			50	60	14	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-G14-060	●	R			60	85	14	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-G14-085	●	R			85	125	14	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-G14-125	●	R			125	200	14	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-G14-180	●	R			180	280	14	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-G14-250	●	R			250	999	14	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-G25-060	●	R			60	85	25	27.0	0	88	66.6
C4-GYHERM00-M25R	●	R	GYM25RD-G25-085	●	R			85	125	25	27.0	0	88	66.6
C4-GYHERM00-M25R	●	R	GYM25RD-G25-125	●	R			125	200	25	27.0	0	88	66.6
C4-GYHERM00-M25R	●	R	GYM25RD-G25-180	●	R			180	280	25	27.0	0	88	66.6
C4-GYHERM00-M25R	●	R	GYM25RD-G25-250	●	R			250	999	25	27.0	0	88	66.6
C4-GYHERM00-M25R	●	R	GYM25RD-H14-050	●	R	H	5.0	50	60	14	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-H14-060	●	R			60	85	14	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-H14-085	●	R			85	125	14	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-H14-125	●	R			125	200	14	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-H14-180	●	R			180	280	14	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-H14-250	●	R			250	999	14	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-H25-060	●	R			60	85	25	27.0	0	88	66.6
C4-GYHERM00-M25R	●	R	GYM25RD-H25-085	●	R			85	125	25	27.0	0	88	66.6
C4-GYHERM00-M25R	●	R	GYM25RD-H25-125	●	R			125	200	25	27.0	0	88	66.6
C4-GYHERM00-M25R	●	R	GYM25RD-H25-180	●	R			180	280	25	27.0	0	88	66.6
C4-GYHERM00-M25R	●	R	GYM25RD-H25-250	●	R			250	999	25	27.0	0	88	66.6
C4-GYHERM00-M25R	●	R	GYM25RD-J14-050	●	R	J	6.0	50	70	14	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-J14-070	●	R			70	110	14	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-J14-110	●	R			110	200	14	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-J14-170	●	R			170	280	14	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-J14-250	●	R			250	999	14	27.0	0	77	55.6
C4-GYHERM00-M25R	●	R	GYM25RD-J25-070	●	R			70	110	25	27.0	0	88	66.6
C4-GYHERM00-M25R	●	R	GYM25RD-J25-110	●	R			110	200	25	27.0	0	88	66.6
C4-GYHERM00-M25R	●	R	GYM25RD-J25-170	●	R			170	280	25	27.0	0	88	66.6
C4-GYHERM00-M25R	●	R	GYM25RD-J25-250	●	R			250	999	25	27.0	0	88	66.6

2/9



GY GROOVING SERIES – FACE GROOVING – 00° TYPE HOLDER

Order number Holder	Stock	Hand	Order number Modular blade	Stock	Hand	Seat size	CW	DAXN	DAXX	CDX	WF	HF	LF	LH
C4-GYHELM00-M25L	●	L	GYM25LD-D12-040	●	L	D	2.0	40	50	12	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-D12-050	●	L			50	60	12	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-D12-060	●	L			60	75	12	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-D12-075	●	L			75	100	12	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-D12-100	●	L			100	150	12	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-D12-135	●	L			135	200	12	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-D12-180	●	L			180	250	12	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-E12-040	●	L	E	2.5	40	50	12	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-E12-050	●	L			50	60	12	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-E12-060	●	L			60	75	12	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-E12-075	●	L			75	100	12	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-E12-100	●	L			100	150	12	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-E12-135	●	L			135	200	12	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-E12-180	●	L			180	250	12	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-F12-035	●	L	F	3.0	35	40	12	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-F12-040	●	L			40	50	12	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-F12-050	●	L			50	60	12	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-F12-060	●	L			60	75	12	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-F12-075	●	L			75	100	12	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-F12-100	●	L			100	150	12	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-F12-135	●	L			135	200	12	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-F12-180	●	L			180	250	12	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-F12-225	●	L			225	999	12	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-F20-060	●	L			60	75	20	27.0	0	83	61.6
C4-GYHELM00-M25L	●	L	GYM25LD-F20-075	●	L			75	100	20	27.0	0	83	61.6
C4-GYHELM00-M25L	●	L	GYM25LD-F20-100	●	L			100	150	20	27.0	0	83	61.6
C4-GYHELM00-M25L	●	L	GYM25LD-F20-135	●	L			135	200	20	27.0	0	83	61.6
C4-GYHELM00-M25L	●	L	GYM25LD-F20-180	●	L			180	250	20	27.0	0	83	61.6
C4-GYHELM00-M25L	●	L	GYM25LD-F20-225	●	L			225	999	20	27.0	0	83	61.6
C4-GYHELM00-M25L	●	L	GYM25LD-G14-040	●	L	G	4.0	40	50	14	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-G14-050	●	L			50	60	14	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-G14-060	●	L			60	85	14	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-G14-085	●	L			85	125	14	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-G14-125	●	L			125	200	14	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-G14-180	●	L			180	280	14	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-G14-250	●	L			250	999	14	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-G25-060	●	L			60	85	25	27.0	0	88	66.6
C4-GYHELM00-M25L	●	L	GYM25LD-G25-085	●	L			85	125	25	27.0	0	88	66.6
C4-GYHELM00-M25L	●	L	GYM25LD-G25-125	●	L			125	200	25	27.0	0	88	66.6
C4-GYHELM00-M25L	●	L	GYM25LD-G25-180	●	L			180	280	25	27.0	0	88	66.6
C4-GYHELM00-M25L	●	L	GYM25LD-G25-250	●	L			250	999	25	27.0	0	88	66.6

3/9



GY GROOVING SERIES – FACE GROOVING – 00° TYPE HOLDER

Order number Holder	Stock	Hand	Order number Modular blade	Stock	Hand	Seat size	CW	DAXN	DAXX	CDX	WF	HF	LF	LH
C4-GYHELM00-M25L	●	L	GYM25LD-H14-050	●	L	H	5.0	50	60	14	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-H14-060	●	L			60	85	14	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-H14-085	●	L			85	125	14	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-H14-125	●	L			125	200	14	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-H14-180	●	L			180	280	14	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-H14-250	●	L			250	999	14	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-H25-060	●	L			60	85	25	27.0	0	88	66.6
C4-GYHELM00-M25L	●	L	GYM25LD-H25-085	●	L			85	125	25	27.0	0	88	66.6
C4-GYHELM00-M25L	●	L	GYM25LD-H25-125	●	L			125	200	25	27.0	0	88	66.6
C4-GYHELM00-M25L	●	L	GYM25LD-H25-180	●	L			180	280	25	27.0	0	88	66.6
C4-GYHELM00-M25L	●	L	GYM25LD-H25-250	●	L			250	999	25	27.0	0	88	66.6
C4-GYHELM00-M25L	●	L	GYM25LD-J14-050	●	L	J	6.0	50	70	14	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-J14-070	●	L			70	110	14	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-J14-110	●	L			110	200	14	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-J14-170	●	L			170	280	14	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-J14-250	●	L			250	999	14	27.0	0	77	55.6
C4-GYHELM00-M25L	●	L	GYM25LD-J25-070	●	L			70	110	25	27.0	0	88	66.6
C4-GYHELM00-M25L	●	L	GYM25LD-J25-110	●	L			110	200	25	27.0	0	88	66.6
C4-GYHELM00-M25L	●	L	GYM25LD-J25-170	●	L			170	280	25	27.0	0	88	66.6
C4-GYHELM00-M25L	●	L	GYM25LD-J25-250	●	L			250	999	25	27.0	0	88	66.6
C5-GYHERM00-M25R	●	R	GYM25RD-D12-040	●	R	D	2.0	40	50	12	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-D12-050	●	R			50	60	12	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-D12-060	●	R			60	75	12	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-D12-075	●	R			75	100	12	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-D12-100	●	R			100	150	12	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-D12-135	●	R			135	200	12	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-E12-040	●	R	E	2.5	40	50	12	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-E12-050	●	R			50	60	12	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-E12-060	●	R			60	75	12	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-E12-075	●	R			75	100	12	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-E12-100	●	R			100	150	12	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-E12-135	●	R			135	200	12	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-E12-180	●	R	F	3.0	180	250	12	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-F12-035	●	R			35	40	12	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-F12-040	●	R			40	50	12	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-F12-050	●	R			50	60	12	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-F12-060	●	R			60	75	12	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-F12-075	●	R			75	100	12	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-F12-100	●	R			100	150	12	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-F12-135	●	R			135	200	12	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-F12-180	●	R			180	250	12	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-F12-225	●	R			225	999	12	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-F20-060	●	R			60	75	20	27.0	0	83	61.6
C5-GYHERM00-M25R	●	R	GYM25RD-F20-075	●	R			75	100	20	27.0	0	83	61.6
C5-GYHERM00-M25R	●	R	GYM25RD-F20-100	●	R			100	150	20	27.0	0	83	61.6
C5-GYHERM00-M25R	●	R	GYM25RD-F20-135	●	R			135	200	20	27.0	0	83	61.6
C5-GYHERM00-M25R	●	R	GYM25RD-F20-180	●	R			180	250	20	27.0	0	83	61.6
C5-GYHERM00-M25R	●	R	GYM25RD-F20-225	●	R			225	999	20	27.0	0	83	61.6

4/9



GY GROOVING SERIES – FACE GROOVING – 00° TYPE HOLDER

Order number Holder	Stock	Hand	Order number Modular blade	Stock	Hand	Seat size	CW	DAXN	DAXX	CDX	WF	HF	LF	LH
C5-GYHERM00-M25R	●	R	GYM25RD-G14-040	●	R	G	4.0	40	50	14	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-G14-050	●	R			50	60	14	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-G14-060	●	R			60	85	14	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-G14-085	●	R			85	125	14	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-G14-125	●	R			125	200	14	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-G14-180	●	R			180	280	14	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-G14-250	●	R			250	999	14	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-G25-060	●	R			60	85	25	27.0	0	88	66.6
C5-GYHERM00-M25R	●	R	GYM25RD-G25-085	●	R			85	125	25	27.0	0	88	66.6
C5-GYHERM00-M25R	●	R	GYM25RD-G25-125	●	R			125	200	25	27.0	0	88	66.6
C5-GYHERM00-M25R	●	R	GYM25RD-G25-180	●	R			180	280	25	27.0	0	88	66.6
C5-GYHERM00-M25R	●	R	GYM25RD-G25-250	●	R			250	999	25	27.0	0	88	66.6
C5-GYHERM00-M25R	●	R	GYM25RD-H14-050	●	R	H	5.0	50	60	14	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-H14-060	●	R			60	85	14	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-H14-085	●	R			85	125	14	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-H14-125	●	R			125	200	14	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-H14-180	●	R			180	280	14	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-H14-250	●	R			250	999	14	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-H25-060	●	R			60	85	25	27.0	0	88	66.6
C5-GYHERM00-M25R	●	R	GYM25RD-H25-085	●	R			85	125	25	27.0	0	88	66.6
C5-GYHERM00-M25R	●	R	GYM25RD-H25-125	●	R			125	200	25	27.0	0	88	66.6
C5-GYHERM00-M25R	●	R	GYM25RD-H25-180	●	R			180	280	25	27.0	0	88	66.6
C5-GYHERM00-M25R	●	R	GYM25RD-H25-250	●	R			250	999	25	27.0	0	88	66.6
C5-GYHERM00-M25R	●	R	GYM25RD-J14-050	●	R	J	6.0	50	70	14	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-J14-070	●	R			70	110	14	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-J14-110	●	R			110	200	14	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-J14-170	●	R			170	280	14	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-J14-250	●	R			250	999	14	27.0	0	77	55.6
C5-GYHERM00-M25R	●	R	GYM25RD-J25-070	●	R			70	110	25	27.0	0	88	66.6
C5-GYHERM00-M25R	●	R	GYM25RD-J25-110	●	R			110	200	25	27.0	0	88	66.6
C5-GYHERM00-M25R	●	R	GYM25RD-J25-170	●	R			170	280	25	27.0	0	88	66.6
C5-GYHERM00-M25R	●	R	GYM25RD-J25-250	●	R			250	999	25	27.0	0	88	66.6
C5-GYHELM00-M25L	●	L	GYM25LD-D12-040	●	L	D	2.0	40	50	12	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-D12-050	●	L			50	60	12	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-D12-060	●	L			60	75	12	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-D12-075	●	L			75	100	12	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-D12-100	●	L			100	150	12	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-D12-135	●	L			135	200	12	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-D12-180	●	L			180	250	12	27.0	0	77	55.6

5/9



GY GROOVING SERIES – FACE GROOVING – 00° TYPE HOLDER

Order number Holder	Stock	Hand	Order number Modular blade	Stock	Hand	Seat size	CW	DAXN	DAXX	CDX	WF	HF	LF	LH
C5-GYHELM00-M25L	●	L	GYM25LD-E12-040	●	L	E	2.5	40	50	12	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-E12-050	●	L			50	60	12	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-E12-060	●	L			60	75	12	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-E12-075	●	L			75	100	12	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-E12-100	●	L			100	150	12	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-E12-135	●	L			135	200	12	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-E12-180	●	L			180	250	12	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-F12-035	●	L			35	40	12	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-F12-040	●	L	F	3.0	40	50	12	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-F12-050	●	L			50	60	12	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-F12-060	●	L			60	75	12	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-F12-075	●	L			75	100	12	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-F12-100	●	L			100	150	12	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-F12-135	●	L			135	200	12	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-F12-180	●	L			180	250	12	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-F12-225	●	L			225	999	12	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-F20-060	●	L			60	75	20	27.0	0	83	61.6
C5-GYHELM00-M25L	●	L	GYM25LD-F20-075	●	L			75	100	20	27.0	0	83	61.6
C5-GYHELM00-M25L	●	L	GYM25LD-F20-100	●	L			100	150	20	27.0	0	83	61.6
C5-GYHELM00-M25L	●	L	GYM25LD-F20-135	●	L			135	200	20	27.0	0	83	61.6
C5-GYHELM00-M25L	●	L	GYM25LD-F20-180	●	L			180	250	20	27.0	0	83	61.6
C5-GYHELM00-M25L	●	L	GYM25LD-F20-225	●	L			225	999	20	27.0	0	83	61.6
C5-GYHELM00-M25L	●	L	GYM25LD-G14-040	●	L			40	50	14	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-G14-050	●	L			50	60	14	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-G14-060	●	L	G	4.0	60	85	14	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-G14-085	●	L			85	125	14	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-G14-125	●	L			125	200	14	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-G14-180	●	L			180	280	14	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-G14-250	●	L			250	999	14	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-G25-060	●	L			60	85	25	27.0	0	88	66.6
C5-GYHELM00-M25L	●	L	GYM25LD-G25-085	●	L			85	125	25	27.0	0	88	66.6
C5-GYHELM00-M25L	●	L	GYM25LD-G25-125	●	L			125	200	25	27.0	0	88	66.6
C5-GYHELM00-M25L	●	L	GYM25LD-G25-180	●	L			180	280	25	27.0	0	88	66.6
C5-GYHELM00-M25L	●	L	GYM25LD-G25-250	●	L			250	999	25	27.0	0	88	66.6
C5-GYHELM00-M25L	●	L	GYM25LD-H14-050	●	L	H	5.0	50	60	14	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-H14-060	●	L			60	85	14	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-H14-085	●	L			85	125	14	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-H14-125	●	L			125	200	14	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-H14-180	●	L			180	280	14	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-H14-250	●	L			250	999	14	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-H25-060	●	L			60	85	25	27.0	0	88	66.6
C5-GYHELM00-M25L	●	L	GYM25LD-H25-085	●	L			85	125	25	27.0	0	88	66.6
C5-GYHELM00-M25L	●	L	GYM25LD-H25-125	●	L			125	200	25	27.0	0	88	66.6
C5-GYHELM00-M25L	●	L	GYM25LD-H25-180	●	L			180	280	25	27.0	0	88	66.6
C5-GYHELM00-M25L	●	L	GYM25LD-H25-250	●	L			250	999	25	27.0	0	88	66.6

6/9



GY GROOVING SERIES – FACE GROOVING – 00° TYPE HOLDER

Order number Holder	Stock	Hand	Order number Modular blade	Stock	Hand	Seat size	CW	DAXN	DAXX	CDX	WF	HF	LF	LH
C5-GYHELM00-M25L	●	L	GYM25LD-J14-050	●	L	J	6.0	50	70	14	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-J14-070	●	L			70	110	14	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-J14-110	●	L			110	200	14	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-J14-170	●	L			170	280	14	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-J14-250	●	L			250	999	14	27.0	0	77	55.6
C5-GYHELM00-M25L	●	L	GYM25LD-J25-070	●	L			70	110	25	27.0	0	88	66.6
C5-GYHELM00-M25L	●	L	GYM25LD-J25-110	●	L			110	200	25	27.0	0	88	66.6
C5-GYHELM00-M25L	●	L	GYM25LD-J25-170	●	L			170	280	25	27.0	0	88	66.6
C5-GYHELM00-M25L	●	L	GYM25LD-J25-250	●	L			250	999	25	27.0	0	88	66.6
C6-GYHERM00-M25R	●	R	GYM25RD-D12-040	●	R	D	2.0	40	50	12	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-D12-050	●	R			50	60	12	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-D12-060	●	R			60	75	12	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-D12-075	●	R			75	100	12	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-D12-100	●	R			100	150	12	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-D12-135	●	R			135	200	12	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-D12-180	●	R			180	250	12	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-E12-040	●	R			40	50	12	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-E12-050	●	R			50	60	12	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-E12-060	●	R	E	2.5	60	75	12	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-E12-075	●	R			75	100	12	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-E12-100	●	R			100	150	12	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-E12-135	●	R			135	200	12	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-E12-180	●	R			180	250	12	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-F12-035	●	R			35	40	12	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-F12-040	●	R			40	50	12	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-F12-050	●	R			50	60	12	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-F12-060	●	R			60	75	12	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-F12-075	●	R	F	3.0	75	100	12	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-F12-100	●	R			100	150	12	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-F12-135	●	R			135	200	12	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-F12-180	●	R			180	250	12	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-F12-225	●	R			225	999	12	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-F20-060	●	R			60	75	20	27.0	0	85	61.6
C6-GYHERM00-M25R	●	R	GYM25RD-F20-075	●	R			75	100	20	27.0	0	85	61.6
C6-GYHERM00-M25R	●	R	GYM25RD-F20-100	●	R			100	150	20	27.0	0	85	61.6
C6-GYHERM00-M25R	●	R	GYM25RD-F20-135	●	R			135	200	20	27.0	0	85	61.6
C6-GYHERM00-M25R	●	R	GYM25RD-F20-180	●	R			180	250	20	27.0	0	85	61.6
C6-GYHERM00-M25R	●	R	GYM25RD-F20-225	●	R			225	999	20	27.0	0	85	61.6

7/9

GY GROOVING SERIES – FACE GROOVING – 00° TYPE HOLDER

Order number Holder	Stock	Hand	Order number Modular blade	Stock	Hand	Seat size	CW	DAXN	DAXX	CDX	WF	HF	LF	LH
C6-GYHERM00-M25R	●	R	GYM25RD-G14-040	●	R	G	4.0	40	50	14	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-G14-050	●	R			50	60	14	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-G14-060	●	R			60	85	14	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-G14-085	●	R			85	125	14	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-G14-125	●	R			125	200	14	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-G14-180	●	R			180	280	14	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-G14-250	●	R			250	999	14	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-G25-060	●	R			60	85	25	27.0	0	90	66.6
C6-GYHERM00-M25R	●	R	GYM25RD-G25-085	●	R			85	125	25	27.0	0	90	66.6
C6-GYHERM00-M25R	●	R	GYM25RD-G25-125	●	R			125	200	25	27.0	0	90	66.6
C6-GYHERM00-M25R	●	R	GYM25RD-G25-180	●	R			180	280	25	27.0	0	90	66.6
C6-GYHERM00-M25R	●	R	GYM25RD-G25-250	●	R			250	999	25	27.0	0	90	66.6
C6-GYHERM00-M25R	●	R	GYM25RD-H14-050	●	R	H	5.0	50	60	14	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-H14-060	●	R			60	85	14	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-H14-085	●	R			85	125	14	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-H14-125	●	R			125	200	14	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-H14-180	●	R			180	280	14	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-H14-250	●	R			250	999	14	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-H25-060	●	R			60	85	25	27.0	0	90	66.6
C6-GYHERM00-M25R	●	R	GYM25RD-H25-085	●	R			85	125	25	27.0	0	90	66.6
C6-GYHERM00-M25R	●	R	GYM25RD-H25-125	●	R			125	200	25	27.0	0	90	66.6
C6-GYHERM00-M25R	●	R	GYM25RD-H25-180	●	R			180	280	25	27.0	0	90	66.6
C6-GYHERM00-M25R	●	R	GYM25RD-H25-250	●	R			250	999	25	27.0	0	90	66.6
C6-GYHERM00-M25R	●	R	GYM25RD-J14-050	●	R	J	6.0	50	70	14	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-J14-070	●	R			70	110	14	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-J14-110	●	R			110	200	14	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-J14-170	●	R			170	280	14	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-J14-250	●	R			250	999	14	27.0	0	79	55.6
C6-GYHERM00-M25R	●	R	GYM25RD-J25-070	●	R			70	110	25	27.0	0	90	66.6
C6-GYHERM00-M25R	●	R	GYM25RD-J25-110	●	R			110	200	25	27.0	0	90	66.6
C6-GYHERM00-M25R	●	R	GYM25RD-J25-170	●	R			170	280	25	27.0	0	90	66.6
C6-GYHERM00-M25R	●	R	GYM25RD-J25-250	●	R			250	999	25	27.0	0	90	66.6
C6-GYHELM00-M25L	●	L	GYM25LD-D12-040	●	L	D	2.0	40	50	12	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-D12-050	●	L			50	60	12	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-D12-060	●	L			60	75	12	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-D12-075	●	L			75	100	12	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-D12-100	●	L			100	150	12	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-D12-135	●	L			135	200	12	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-D12-180	●	L			180	250	12	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-E12-040	●	L	E	2.5	40	50	12	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-E12-050	●	L			50	60	12	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-E12-060	●	L			60	75	12	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-E12-075	●	L			75	100	12	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-E12-100	●	L			100	150	12	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-E12-135	●	L			135	200	12	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-E12-180	●	L			180	250	12	27.0	0	79	55.6

8/9



GY GROOVING SERIES – FACE GROOVING – 00° TYPE HOLDER

Order number Holder	Stock	Hand	Order number Modular blade	Stock	Hand	Seat size	CW	DAXN	DAXX	CDX	WF	HF	LF	LH
C6-GYHELM00-M25L	●	L	GYM25LD-F12-035	●	L	F	3.0	35	40	12	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-F12-040	●	L			40	50	12	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-F12-050	●	L			50	60	12	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-F12-060	●	L			60	75	12	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-F12-075	●	L			75	100	12	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-F12-100	●	L			100	150	12	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-F12-135	●	L			135	200	12	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-F12-180	●	L			180	250	12	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-F12-225	●	L			225	999	12	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-F20-060	●	L			60	75	20	27.0	0	85	61.6
C6-GYHELM00-M25L	●	L	GYM25LD-F20-075	●	L			75	100	20	27.0	0	85	61.6
C6-GYHELM00-M25L	●	L	GYM25LD-F20-100	●	L			100	150	20	27.0	0	85	61.6
C6-GYHELM00-M25L	●	L	GYM25LD-F20-135	●	L			135	200	20	27.0	0	85	61.6
C6-GYHELM00-M25L	●	L	GYM25LD-F20-180	●	L			180	250	20	27.0	0	85	61.6
C6-GYHELM00-M25L	●	L	GYM25LD-F20-225	●	L			225	999	20	27.0	0	85	61.6
C6-GYHELM00-M25L	●	L	GYM25LD-G14-040	●	L	G	4.0	40	50	14	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-G14-050	●	L			50	60	14	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-G14-060	●	L			60	85	14	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-G14-085	●	L			85	125	14	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-G14-125	●	L			125	200	14	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-G14-180	●	L			180	280	14	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-G14-250	●	L			250	999	14	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-G25-060	●	L			60	85	25	27.0	0	90	66.6
C6-GYHELM00-M25L	●	L	GYM25LD-G25-085	●	L			85	125	25	27.0	0	90	66.6
C6-GYHELM00-M25L	●	L	GYM25LD-G25-125	●	L			125	200	25	27.0	0	90	66.6
C6-GYHELM00-M25L	●	L	GYM25LD-G25-180	●	L			180	280	25	27.0	0	90	66.6
C6-GYHELM00-M25L	●	L	GYM25LD-G25-250	●	L			250	999	25	27.0	0	90	66.6
C6-GYHELM00-M25L	●	L	GYM25LD-H14-050	●	L	H	5.0	50	60	14	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-H14-060	●	L			60	85	14	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-H14-085	●	L			85	125	14	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-H14-125	●	L			125	200	14	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-H14-180	●	L			180	280	14	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-H14-250	●	L			250	999	14	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-H25-060	●	L			60	85	25	27.0	0	90	66.6
C6-GYHELM00-M25L	●	L	GYM25LD-H25-085	●	L			85	125	25	27.0	0	90	66.6
C6-GYHELM00-M25L	●	L	GYM25LD-H25-125	●	L			125	200	25	27.0	0	90	66.6
C6-GYHELM00-M25L	●	L	GYM25LD-H25-180	●	L			180	280	25	27.0	0	90	66.6
C6-GYHELM00-M25L	●	L	GYM25LD-H25-250	●	L			250	999	25	27.0	0	90	66.6
C6-GYHELM00-M25L	●	L	GYM25LD-J14-050	●	L	J	6.0	50	70	14	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-J14-070	●	L			70	110	14	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-J14-110	●	L			110	200	14	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-J14-170	●	L			170	280	14	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-J14-250	●	L			250	999	14	27.0	0	79	55.6
C6-GYHELM00-M25L	●	L	GYM25LD-J25-070	●	L			70	110	25	27.0	0	90	66.6
C6-GYHELM00-M25L	●	L	GYM25LD-J25-110	●	L			110	200	25	27.0	0	90	66.6
C6-GYHELM00-M25L	●	L	GYM25LD-J25-170	●	L			170	280	25	27.0	0	90	66.6
C6-GYHELM00-M25L	●	L	GYM25LD-J25-250	●	L			250	999	25	27.0	0	90	66.6

9/9

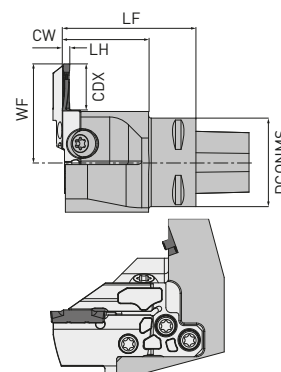
1. The indicated dimensions are values for standard inserts (GM breakers). If other inserts are mounted, LF and LH may differ.
Select the inserts and recommended conditions from "Brochure B140".



GY GROOVING SERIES

FACE GROOVING

90° TYPE HOLDER



Right hand tool holder shown.

- Please order the modular blade and modular holder separately.
- Please set a right hand modular blade on a right hand holder and a left hand modular blade on a left hand holder.

Order number	Stock	Hand		Mounting size	DCONMS	CW
C4-GYHERM00-M25R	●	R	✓	PSC40	40	2.0-6.35
C4-GYHELM00-M25L	●	L	✓	PSC40	40	2.0-6.35
C5-GYHERM00-M25R	●	R	✓	PSC50	50	2.0-6.35
C5-GYHELM00-M25L	●	L	✓	PSC50	50	2.0-6.35
C6-GYHERM00-M25R	●	R	✓	PSC63	60	2.0-6.35
C6-GYHELM00-M25L	●	L	✓	PSC63	60	2.0-6.35

SET DIMENSIONS WITH MODULAR BLADES

Order number Holder	Stock	Hand	Order number Modular blade	Stock	Hand	Seat size	CW	DAXN	DAXX	CDX	WF	HF	LF	LH
C4-GYHERM90-M25L	●	R	GYM25LD-D12-040	●	L	D	2.0	40	50	12	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-D12-050	●	L			50	60	12	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-D12-060	●	L			60	75	12	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-D12-075	●	L			75	100	12	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-D12-100	●	L			100	150	12	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-D12-135	●	L			135	200	12	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-D12-180	●	L			180	250	12	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-E12-040	●	L	E	2.5	40	50	12	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-E12-050	●	L			50	60	12	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-E12-060	●	L			60	75	12	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-E12-075	●	L			75	100	12	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-E12-100	●	L			100	150	12	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-E12-135	●	L			135	200	12	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-E12-180	●	L			180	250	12	38.5	0	60	38.6

1/9



GY GROOVING SERIES – FACE GROOVING – 90° TYPE HOLDER

Order number Holder	Stock	Hand	Order number Modular blade	Stock	Hand	Seat size	CW	DAXN	DAXX	CDX	WF	HF	LF	LH
C4-GYHERM90-M25L	●	R	GYM25LD-F12-035	●	L	F	3.0	35	40	12	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-F12-040	●	L			40	50	12	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-F12-050	●	L			50	60	12	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-F12-060	●	L			60	75	12	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-F12-075	●	L			75	100	12	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-F12-100	●	L			100	150	12	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-F12-135	●	L			135	200	12	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-F12-180	●	L			180	250	12	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-F12-225	●	L			225	999	12	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-F20-060	●	L			60	75	20	44.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-F20-075	●	L			75	100	20	44.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-F20-100	●	L			100	150	20	44.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-F20-135	●	L			135	200	20	44.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-F20-180	●	L			180	250	20	44.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-F20-225	●	L			225	999	20	44.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-G14-040	●	L	G	4.0	40	50	14	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-G14-050	●	L			50	60	14	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-G14-060	●	L			60	85	14	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-G14-085	●	L			85	125	14	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-G14-125	●	L			125	200	14	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-G14-180	●	L			180	280	14	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-G14-250	●	L			250	999	14	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-G25-060	●	L			60	85	25	49.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-G25-085	●	L			85	125	25	49.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-G25-125	●	L			125	200	25	49.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-G25-180	●	L			180	280	25	49.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-G25-250	●	L			250	999	25	49.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-H14-050	●	L	H	5.0	50	60	14	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-H14-060	●	L			60	85	14	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-H14-085	●	L			85	125	14	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-H14-125	●	L			125	200	14	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-H14-180	●	L			180	280	14	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-H14-250	●	L			250	999	14	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-H25-060	●	L			60	85	25	49.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-H25-085	●	L			85	125	25	49.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-H25-125	●	L			125	200	25	49.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-H25-180	●	L			180	280	25	49.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-H25-250	●	L			250	999	25	49.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-J14-050	●	L	J	6.0	50	70	14	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-J14-070	●	L			70	110	14	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-J14-110	●	L			110	200	14	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-J14-170	●	L			170	280	14	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-J14-250	●	L			250	999	14	38.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-J25-070	●	L			70	110	25	49.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-J25-110	●	L			110	200	25	49.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-J25-170	●	L			170	280	25	49.5	0	60	38.6
C4-GYHERM90-M25L	●	R	GYM25LD-J25-250	●	L			250	999	25	49.5	0	60	38.6

2/9



GY GROOVING SERIES – FACE GROOVING – 90° TYPE HOLDER

Order number Holder	Stock	Hand	Order number Modular blade	Stock	Hand	Seat size	CW	DAXN	DAXX	CDX	WF	HF	LF	LH
C4-GYHELM90-M25R	●	L	GYM25RD-D12-040	●	R	D	2.0	40	50	12	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-D12-050	●	R			50	60	12	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-D12-060	●	R			60	75	12	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-D12-075	●	R			75	100	12	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-D12-100	●	R			100	150	12	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-D12-135	●	R			135	200	12	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-D12-180	●	R			180	250	12	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-E12-040	●	R	E	2.5	40	50	12	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-E12-050	●	R			50	60	12	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-E12-060	●	R			60	75	12	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-E12-075	●	R			75	100	12	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-E12-100	●	R			100	150	12	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-E12-135	●	R			135	200	12	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-E12-180	●	R			180	250	12	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-F12-035	●	R	F	3.0	35	40	12	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-F12-040	●	R			40	50	12	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-F12-050	●	R			50	60	12	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-F12-060	●	R			60	75	12	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-F12-075	●	R			75	100	12	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-F12-100	●	R			100	150	12	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-F12-135	●	R			135	200	12	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-F12-180	●	R			180	250	12	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-F12-225	●	R			225	999	12	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-F20-060	●	R			60	75	20	44.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-F20-075	●	R			75	100	20	44.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-F20-100	●	R			100	150	20	44.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-F20-135	●	R			135	200	20	44.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-F20-180	●	R			180	250	20	44.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-F20-225	●	R			225	999	20	44.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-G14-040	●	R	G	4.0	40	50	14	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-G14-050	●	R			50	60	14	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-G14-060	●	R			60	85	14	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-G14-085	●	R			85	125	14	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-G14-125	●	R			125	200	14	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-G14-180	●	R			180	280	14	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-G14-250	●	R			250	999	14	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-G25-060	●	R			60	85	25	49.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-G25-085	●	R			85	125	25	49.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-G25-125	●	R			125	200	25	49.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-G25-180	●	R			180	280	25	49.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-G25-250	●	R			250	999	25	49.5	0	60	38.6

3/9



GY GROOVING SERIES – FACE GROOVING – 90° TYPE HOLDER

Order number Holder	Stock	Hand	Order number Modular blade	Stock	Hand	Seat size	CW	DAXN	DAXX	CDX	WF	HF	LF	LH
C4-GYHELM90-M25R	●	L	GYM25RD-H14-050	●	R	H	5.0	50	60	14	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-H14-060	●	R			60	85	14	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-H14-085	●	R			85	125	14	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-H14-125	●	R			125	200	14	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-H14-180	●	R			180	280	14	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-H14-250	●	R			250	999	14	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-H25-060	●	R			60	85	25	49.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-H25-085	●	R			85	125	25	49.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-H25-125	●	R			125	200	25	49.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-H25-180	●	R			180	280	25	49.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-H25-250	●	R			250	999	25	49.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-J14-050	●	R	J	6.0	50	70	14	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-J14-070	●	R			70	110	14	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-J14-110	●	R			110	200	14	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-J14-170	●	R			170	280	14	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-J14-250	●	R			250	999	14	38.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-J25-070	●	R			70	110	25	49.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-J25-110	●	R			110	200	25	49.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-J25-170	●	R			170	280	25	49.5	0	60	38.6
C4-GYHELM90-M25R	●	L	GYM25RD-J25-250	●	R			250	999	25	49.5	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-D12-040	●	L	D	2.0	40	50	12	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-D12-050	●	L			50	60	12	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-D12-060	●	L			60	75	12	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-D12-075	●	L			75	100	12	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-D12-100	●	L			100	150	12	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-D12-135	●	L			135	200	12	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-E12-040	●	L	E	2.5	40	50	12	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-E12-050	●	L			50	60	12	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-E12-060	●	L			60	75	12	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-E12-075	●	L			75	100	12	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-E12-100	●	L			100	150	12	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-E12-135	●	L			135	200	12	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-E12-180	●	L	F	3.0	180	250	12	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-F12-035	●	L			35	40	12	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-F12-040	●	L			40	50	12	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-F12-050	●	L			50	60	12	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-F12-060	●	L			60	75	12	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-F12-075	●	L			75	100	12	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-F12-100	●	L			100	150	12	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-F12-135	●	L			135	200	12	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-F12-180	●	L			180	250	12	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-F12-225	●	L			225	999	12	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-F20-060	●	L			60	75	20	47.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-F20-075	●	L			75	100	20	47.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-F20-100	●	L			100	150	20	47.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-F20-135	●	L			135	200	20	47.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-F20-180	●	L			180	250	20	47.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-F20-225	●	L			225	999	20	47.0	0	60	38.6

GY GROOVING SERIES – FACE GROOVING – 90° TYPE HOLDER

Order number Holder	Stock	Hand	Order number Modular blade	Stock	Hand	Seat size	CW	DAXN	DAXX	CDX	WF	HF	LF	LH
C5-GYHERM90-M25L	●	R	GYM25LD-G14-040	●	L	G	4.0	40	50	14	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-G14-050	●	L			50	60	14	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-G14-060	●	L			60	85	14	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-G14-085	●	L			85	125	14	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-G14-125	●	L			125	200	14	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-G14-180	●	L			180	280	14	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-G14-250	●	L			250	999	14	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-G25-060	●	L			60	85	25	52.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-G25-085	●	L			85	125	25	52.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-G25-125	●	L			125	200	25	52.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-G25-180	●	L			180	280	25	52.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-G25-250	●	L			250	999	25	52.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-H14-050	●	L	H	5.0	50	60	14	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-H14-060	●	L			60	85	14	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-H14-085	●	L			85	125	14	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-H14-125	●	L			125	200	14	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-H14-180	●	L			180	280	14	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-H14-250	●	L			250	999	14	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-H25-060	●	L			60	85	25	52.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-H25-085	●	L			85	125	25	52.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-H25-125	●	L			125	200	25	52.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-H25-180	●	L			180	280	25	52.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-H25-250	●	L			250	999	25	52.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-J14-050	●	L	J	6.0	50	70	14	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-J14-070	●	L			70	110	14	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-J14-110	●	L			110	200	14	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-J14-170	●	L			170	280	14	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-J14-250	●	L			250	999	14	41.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-J25-070	●	L			70	110	25	52.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-J25-110	●	L			110	200	25	52.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-J25-170	●	L			170	280	25	52.0	0	60	38.6
C5-GYHERM90-M25L	●	R	GYM25LD-J25-250	●	L			250	999	25	52.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-D12-040	●	R	D	2.0	40	50	12	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-D12-050	●	R			50	60	12	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-D12-060	●	R			60	75	12	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-D12-075	●	R			75	100	12	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-D12-100	●	R			100	150	12	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-D12-135	●	R			135	200	12	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-D12-180	●	R			180	250	12	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-E12-040	●	R			40	50	12	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-E12-050	●	R	E	2.5	50	60	12	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-E12-060	●	R			60	75	12	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-E12-075	●	R			75	100	12	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-E12-100	●	R			100	150	12	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-E12-135	●	R			135	200	12	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-E12-180	●	R			180	250	12	41.0	0	60	38.6

5/9



GY GROOVING SERIES – FACE GROOVING – 90° TYPE HOLDER

Order number Holder	Stock	Hand	Order number Modular blade	Stock	Hand	Seat size	CW	DAXN	DAXX	CDX	WF	HF	LF	LH
C5-GYHELM90-M25R	●	L	GYM25RD-F12-035	●	R	F	3.0	35	40	12	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-F12-040	●	R			40	50	12	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-F12-050	●	R			50	60	12	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-F12-060	●	R			60	75	12	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-F12-075	●	R			75	100	12	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-F12-100	●	R			100	150	12	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-F12-135	●	R			135	200	12	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-F12-180	●	R			180	250	12	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-F12-225	●	R			225	999	12	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-F20-060	●	R			60	75	20	47.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-F20-075	●	R			75	100	20	47.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-F20-100	●	R			100	150	20	47.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-F20-135	●	R			135	200	20	47.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-F20-180	●	R			180	250	20	47.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-F20-225	●	R			225	999	20	47.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-G14-040	●	R	G	4.0	40	50	14	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-G14-050	●	R			50	60	14	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-G14-060	●	R			60	85	14	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-G14-085	●	R			85	125	14	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-G14-125	●	R			125	200	14	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-G14-180	●	R			180	280	14	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-G14-250	●	R			250	999	14	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-G25-060	●	R			60	85	25	52.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-G25-085	●	R			85	125	25	52.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-G25-125	●	R			125	200	25	52.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-G25-180	●	R			180	280	25	52.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-G25-250	●	R			250	999	25	52.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-H14-050	●	R	H	5.0	50	60	14	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-H14-060	●	R			60	85	14	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-H14-085	●	R			85	125	14	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-H14-125	●	R			125	200	14	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-H14-180	●	R			180	280	14	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-H14-250	●	R			250	999	14	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-H25-060	●	R			60	85	25	52.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-H25-085	●	R			85	125	25	52.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-H25-125	●	R			125	200	25	52.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-H25-180	●	R			180	280	25	52.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-H25-250	●	R			250	999	25	52.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-J14-050	●	R	J	6.0	50	70	14	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-J14-070	●	R			70	110	14	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-J14-110	●	R			110	200	14	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-J14-170	●	R			170	280	14	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-J14-250	●	R			250	999	14	41.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-J25-070	●	R			70	110	25	52.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-J25-110	●	R			110	200	25	52.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-J25-170	●	R			170	280	25	52.0	0	60	38.6
C5-GYHELM90-M25R	●	L	GYM25RD-J25-250	●	R			250	999	25	52.0	0	60	38.6

6/9



GY GROOVING SERIES – FACE GROOVING – 90° TYPE HOLDER

Order number Holder	Stock	Hand	Order number Modular blade	Stock	Hand	Seat size	CW	DAXN	DAXX	CDX	WF	HF	LF	LH
C6-GYHERM90-M25L	●	R	GYM25LD-D12-040	●	L	D	2.0	40	50	12	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-D12-050	●	L			50	60	12	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-D12-060	●	L			60	75	12	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-D12-075	●	L			75	100	12	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-D12-100	●	L			100	150	12	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-D12-135	●	L			135	200	12	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-D12-180	●	L			180	250	12	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-E12-040	●	L	E	2.5	40	50	12	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-E12-050	●	L			50	60	12	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-E12-060	●	L			60	75	12	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-E12-075	●	L			75	100	12	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-E12-100	●	L			100	150	12	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-E12-135	●	L			135	200	12	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-E12-180	●	L			180	250	12	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-F12-035	●	L	F	3.0	35	40	12	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-F12-040	●	L			40	50	12	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-F12-050	●	L			50	60	12	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-F12-060	●	L			60	75	12	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-F12-075	●	L			75	100	12	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-F12-100	●	L			100	150	12	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-F12-135	●	L			135	200	12	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-F12-180	●	L			180	250	12	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-F12-225	●	L			225	999	12	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-F20-060	●	L			60	75	20	54.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-F20-075	●	L			75	100	20	54.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-F20-100	●	L			100	150	20	54.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-F20-135	●	L			135	200	20	54.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-F20-180	●	L			180	250	20	54.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-F20-225	●	L			225	999	20	54.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-G14-040	●	L	G	4.0	40	50	14	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-G14-050	●	L			50	60	14	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-G14-060	●	L			60	85	14	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-G14-085	●	L			85	125	14	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-G14-125	●	L			125	200	14	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-G14-180	●	L			180	280	14	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-G14-250	●	L			250	999	14	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-G25-060	●	L			60	85	25	59.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-G25-085	●	L			85	125	25	59.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-G25-125	●	L			125	200	25	59.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-G25-180	●	L			180	280	25	59.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-G25-250	●	L			250	999	25	59.0	0	70	46.6

7/9



GY GROOVING SERIES – FACE GROOVING – 90° TYPE HOLDER

Order number Holder	Stock	Hand	Order number Modular blade	Stock	Hand	Seat size	CW	DAXN	DAXX	CDX	WF	HF	LF	LH
C6-GYHERM90-M25L	●	R	GYM25LD-H14-050	●	L	H	5.0	50	60	14	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-H14-060	●	L			60	85	14	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-H14-085	●	L			85	125	14	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-H14-125	●	L			125	200	14	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-H14-180	●	L			180	280	14	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-H14-250	●	L			250	999	14	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-H25-060	●	L			60	85	25	59.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-H25-085	●	L			85	125	25	59.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-H25-125	●	L			125	200	25	59.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-H25-180	●	L			180	280	25	59.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-H25-250	●	L			250	999	25	59.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-J14-050	●	L	J	6.0	50	70	14	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-J14-070	●	L			70	110	14	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-J14-110	●	L			110	200	14	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-J14-170	●	L			170	280	14	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-J14-250	●	L			250	999	14	48.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-J25-070	●	L			70	110	25	59.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-J25-110	●	L			110	200	25	59.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-J25-170	●	L			170	280	25	59.0	0	70	46.6
C6-GYHERM90-M25L	●	R	GYM25LD-J25-250	●	L			250	999	25	59.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-D12-040	●	R	D	2.0	40	50	12	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-D12-050	●	R			50	60	12	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-D12-060	●	R			60	75	12	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-D12-075	●	R			75	100	12	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-D12-100	●	R			100	150	12	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-D12-135	●	R			135	200	12	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-D12-180	●	R			180	250	12	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-E12-040	●	R			40	50	12	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-E12-050	●	R			50	60	12	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-E12-060	●	R			60	75	12	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-E12-075	●	R	E	2.5	75	100	12	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-E12-100	●	R			100	150	12	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-E12-135	●	R			135	200	12	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-E12-180	●	R			180	250	12	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-F12-035	●	R			35	40	12	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-F12-040	●	R			40	50	12	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-F12-050	●	R			50	60	12	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-F12-060	●	R			60	75	12	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-F12-075	●	R			75	100	12	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-F12-100	●	R			100	150	12	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-F12-135	●	R			135	200	12	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-F12-180	●	R	F	3.0	180	250	12	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-F12-225	●	R			225	999	12	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-F20-060	●	R			60	75	20	54.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-F20-075	●	R			75	100	20	54.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-F20-100	●	R			100	150	20	54.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-F20-135	●	R			135	200	20	54.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-F20-180	●	R			180	250	20	54.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-F20-225	●	R			225	999	20	54.0	0	70	46.6

8/9



GY GROOVING SERIES – FACE GROOVING – 90° TYPE HOLDER

Order number Holder	Stock	Hand	Order number Modular blade	Stock	Hand	Seat size	CW	DAXN	DAXX	CDX	WF	HF	LF	LH
C6-GYHELM90-M25R	●	L	GYM25RD-G14-040	●	R	G	4.0	40	50	14	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-G14-050	●	R			50	60	14	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-G14-060	●	R			60	85	14	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-G14-085	●	R			85	125	14	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-G14-125	●	R			125	200	14	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-G14-180	●	R			180	280	14	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-G14-250	●	R			250	999	14	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-G25-060	●	R			60	85	25	59.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-G25-085	●	R			85	125	25	59.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-G25-125	●	R			125	200	25	59.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-G25-180	●	R			180	280	25	59.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-G25-250	●	R			250	999	25	59.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-H14-050	●	R	H	5.0	50	60	14	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-H14-060	●	R			60	85	14	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-H14-085	●	R			85	125	14	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-H14-125	●	R			125	200	14	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-H14-180	●	R			180	280	14	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-H14-250	●	R			250	999	14	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-H25-060	●	R			60	85	25	59.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-H25-085	●	R			85	125	25	59.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-H25-125	●	R			125	200	25	59.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-H25-180	●	R			180	280	25	59.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-H25-250	●	R			250	999	25	59.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-J14-050	●	R	J	6.0	50	70	14	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-J14-070	●	R			70	110	14	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-J14-110	●	R			110	200	14	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-J14-170	●	R			170	280	14	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-J14-250	●	R			250	999	14	48.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-J25-070	●	R			70	110	25	59.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-J25-110	●	R			110	200	25	59.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-J25-170	●	R			170	280	25	59.0	0	70	46.6
C6-GYHELM90-M25R	●	L	GYM25RD-J25-250	●	R			250	999	25	59.0	0	70	46.6

9/9

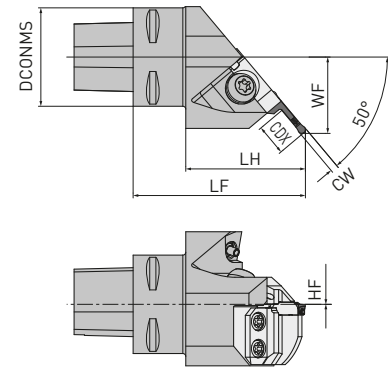
1. The indicated dimensions are values for standard inserts (GM breakers). If other inserts are mounted, LF and LH may differ.
Select the inserts and recommended conditions from "Brochure B140".



GY GROOVING SERIES

EXTERNAL RECESSING

50° TYPE HOLDER



Left hand tool holder shown.

- Please order the modular blade and modular holder separately.
- Please set a left hand modular blade on a right hand holder and a right hand modular blade on a left hand holder.

Order number	Stock	Hand		Mounting size	DCONMS	CW
C4-GYHERM50-M25L	●	R	✓	PSC40	40	2.0-6.35
C4-GYHELM50-M25R	●	L	✓	PSC40	40	2.0-6.35
C5-GYHERM50-M25L	●	R	✓	PSC50	50	2.0-6.35
C5-GYHELM50-M25R	●	L	✓	PSC50	50	2.0-6.35
C6-GYHERM50-M25L	●	R	✓	PSC63	60	2.0-6.35
C6-GYHELM50-M25R	●	L	✓	PSC63	60	2.0-6.35

SET DIMENSIONS WITH MODULAR BLADES

Order number Holder	Stock	Hand	Order number Modular blade	Stock	Hand	Seat size	CW	CDX	DMIN	APMX	APMX2	WF	HF	LF	LH
C4-GYHERM50-M25L	●	R	GYM25LC-D005	●	L	D	2.0	0.5	30	1.5	0.646	30.6	0	70.2	48.8
C4-GYHERM50-M25L	●	R	GYM25LC-E005	●	L	E	2.5	0.5	30	1.75	0.720	30.8	0	70.1	48.7
C4-GYHERM50-M25L	●	R	GYM25LC-F005	●	L	F	3.0	0.5	30	2	0.793	31.0	0	70.0	48.6
C4-GYHERM50-M25L	●	R	GYM25LC-G005	●	L	G	4.0	0.5	30	2.5	0.939	31.4	0	69.8	48.4
C4-GYHERM50-M25L	●	R	GYM25LC-H005	●	L	H	5.0	0.5	30	2.88	1.049	31.8	0	69.6	48.2
C4-GYHERM50-M25L	●	R	GYM25LC-J005	●	L	J	6.0	0.5	30	3.5	1.232	32.4	0	69.4	48.0
C4-GYHELM50-M25R	●	L	GYM25RC-D005	●	R	D	2.0	0.5	30	1.5	0.646	30.6	0	70.2	48.8
C4-GYHELM50-M25R	●	L	GYM25RC-E005	●	R	E	2.5	0.5	30	1.75	0.720	30.8	0	70.1	48.7
C4-GYHELM50-M25R	●	L	GYM25RC-F005	●	R	F	3.0	0.5	30	2	0.793	31.0	0	70.0	48.6
C4-GYHELM50-M25R	●	L	GYM25RC-G005	●	R	G	4.0	0.5	30	2.5	0.939	31.4	0	69.8	48.4
C4-GYHELM50-M25R	●	L	GYM25RC-H005	●	R	H	5.0	0.5	30	2.88	1.049	31.8	0	69.6	48.2
C4-GYHELM50-M25R	●	L	GYM25RC-J005	●	R	J	6.0	0.5	30	3.5	1.232	32.4	0	69.4	48.0
C5-GYHERM50-M25L	●	R	GYM25LC-D005	●	L	D	2.0	0.5	30	1.5	0.646	32.6	0	70.2	48.8
C5-GYHERM50-M25L	●	R	GYM25LC-E005	●	L	E	2.5	0.5	30	1.75	0.720	32.8	0	70.1	48.7
C5-GYHERM50-M25L	●	R	GYM25LC-F005	●	L	F	3.0	0.5	30	2	0.793	33.0	0	70.0	48.6

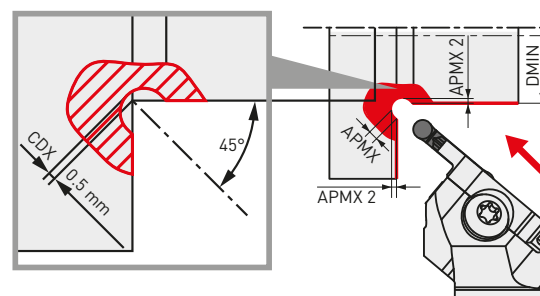
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GY GROOVING SERIES – EXTERNAL RECESSING – 50° TYPE HOLDER

Order number Holder	Stock	Hand	Order number Modular blade	Stock	Hand	Seat size	CW	CDX	DMIN	APMX	APMX2	WF	HF	LF	LH
C5-GYHERM50-M25L	●	R	GYM25LC-G005	●	L	G	4.0	0.5	30	2.5	0.939	33.4	0	69.8	48.4
C5-GYHERM50-M25L	●	R	GYM25LC-H005	●	L	H	5.0	0.5	30	2.88	1.049	33.8	0	69.6	48.2
C5-GYHERM50-M25L	●	R	GYM25LC-J005	●	L	J	6.0	0.5	30	3.5	1.232	34.4	0	69.4	48.0
C5-GYHELM50-M25R	●	L	GYM25RC-D005	●	R	D	2.0	0.5	30	1.5	0.646	32.6	0	70.2	48.8
C5-GYHELM50-M25R	●	L	GYM25RC-E005	●	R	E	2.5	0.5	30	1.75	0.720	32.8	0	70.1	48.7
C5-GYHELM50-M25R	●	L	GYM25RC-F005	●	R	F	3.0	0.5	30	2	0.793	33.0	0	70.0	48.6
C5-GYHELM50-M25R	●	L	GYM25RC-G005	●	R	G	4.0	0.5	30	2.5	0.939	33.4	0	69.8	48.4
C5-GYHELM50-M25R	●	L	GYM25RC-H005	●	R	H	5.0	0.5	30	2.88	1.049	33.8	0	69.6	48.2
C5-GYHELM50-M25R	●	L	GYM25RC-J005	●	R	J	6.0	0.5	30	3.5	1.232	34.4	0	69.4	48.0
C6-GYHERM50-M25L	●	R	GYM25LC-D005	●	L	D	2.0	0.5	30	1.5	0.646	39.6	0	70.2	46.8
C6-GYHERM50-M25L	●	R	GYM25LC-E005	●	L	E	2.5	0.5	30	1.75	0.720	39.8	0	70.1	46.7
C6-GYHERM50-M25L	●	R	GYM25LC-F005	●	L	F	3.0	0.5	30	2	0.793	40.0	0	70.0	46.6
C6-GYHERM50-M25L	●	R	GYM25LC-G005	●	L	G	4.0	0.5	30	2.5	0.939	40.4	0	69.8	46.4
C6-GYHERM50-M25L	●	R	GYM25LC-H005	●	L	H	5.0	0.5	30	2.88	1.049	40.8	0	69.6	46.2
C6-GYHERM50-M25L	●	R	GYM25LC-J005	●	L	J	6.0	0.5	30	3.5	1.232	41.4	0	69.4	46.0
C6-GYHELM50-M25R	●	L	GYM25RC-D005	●	R	D	2.0	0.5	30	1.5	0.646	39.6	0	70.2	46.8
C6-GYHELM50-M25R	●	L	GYM25RC-E005	●	R	E	2.5	0.5	30	1.75	0.720	39.8	0	70.1	46.7
C6-GYHELM50-M25R	●	L	GYM25RC-F005	●	R	F	3.0	0.5	30	2	0.793	40.0	0	70.0	46.6
C6-GYHELM50-M25R	●	L	GYM25RC-G005	●	R	G	4.0	0.5	30	2.5	0.939	40.4	0	69.8	46.4
C6-GYHELM50-M25R	●	L	GYM25RC-H005	●	R	H	5.0	0.5	30	2.88	1.049	40.8	0	69.6	46.2
C6-GYHELM50-M25R	●	L	GYM25RC-J005	●	R	J	6.0	0.5	30	3.5	1.232	41.4	0	69.4	46.0

2/2

1. The indicated dimensions are values for standard inserts (BM breakers). If other inserts are mounted, LF and LH may differ.
Select the inserts and recommended conditions from "Brochure B140".



Enlarged view

GY GROOVING SERIES

SPARE PARTS FOR PSC HOLDER

	 4 pcs				
Clamp screw	Blade screw	Plug	Nozzle	Wrench 1	Wrench 2
GY06013M	TS55	HSD05004S	NZ22042080S	TKY25D	TKY30R

* Clamp Torque (N • m): GY06013M = 6.0, TS55 = 5.0
Nozzle Exchange Key: NZKH050S

IDENTIFICATION

MODULAR BLADE

External Recessing

	GY	M25	R	A	—	F	12	
Series description	Modular blade size	Hand	Modular blade type	Seat size*1	Max. groove depth*2			
	M25	R Right L Left	A Standard type C External recessing D Face grooving	D 2.00 mm 2.24 mm 2.39 mm E 2.50 mm 2.74 mm 3.00 mm F 3.18 mm 3.24 mm G 4.00 mm 4.24 mm 4.75 mm H 5.00 mm 5.24 mm 6.00 mm J 6.31 mm 6.35 mm	005 0.5 mm 06 6 mm : 25 25 mm			

Face grooving

GY	M25	R	D	—	F	12	050	
								Min. groove diameter
								035 35 mm
								040 40 mm
								: :
								250 250 mm

Note: Dimension symbols conforming to ISO13399.

*1 Select a seat size with the same symbol as that of the insert.
*2 The maximum groove depth is a value when used for external grooving and changes according to the insert used.

GY GROOVING SERIES

RECOMMENDED CUTTING CONDITIONS

CUTTING SPEED (FOR EXTERNAL GROOVING AND CUTTING OFF)

	Material	Hardness	Grade	Vc
P	Mild steel	<160HB	VP20RT	155 (100 – 220)
			VP10RT	170 (110 – 230)
			NX2525	150 (90 – 210)
	Carbon steel Alloy steel	160 – 280HB	VP20RT	120 (80 – 180)
			VP10RT	140 (90 – 190)
			MY6125	230 (160 – 300)
			MY5015	180 (110 – 250)
			NX2525	120 (70 – 170)
		≥280HB	VP20RT	100 (60 – 140)
			VP10RT	110 (70 – 150)
			MY6125	185 (110 – 260)
			MY5015	150 (90 – 210)
NX2525	95 (55 – 135)			
M	Stainless steel	<270HB	VP20RT	100 (60 – 140)
			VP10RT	110 (70 – 150)
K	Gray cast iron	Tensile strength ≤300MPa	VP20RT	120 (80 – 180)
			VP10RT	140 (90 – 190)
			MY5015	120 (140 – 300)
			MY6125	260 (170 – 350)
	Ductile cast iron	Tensile strength ≤800MPa	VP20RT	100 (60 – 140)
			VP10RT	110 (70 – 150)
			MY5015	150 (90 – 210)
MY6125	185 (110 – 260)			
N	Aluminium alloy (A6061, 7075)	Content Si<5 %	RT9010	350 (200 – 500)
	Aluminium alloy (AC4B)	Content 5 %≤Si≤10 %	RT9010	350 (200 – 500)
	Aluminium alloy (ADC12, A390)	Content Si>10 %	RT9010	150 (100 – 200)
S	Heat resistant alloy Titanium alloy	—	MP9015	70 (40 – 100)
			MP9025	60 (30 – 90)
			VP20RT	45 (30 – 60)
			VP10RT	55 (40 – 70)
			RT9010	55 (40 – 70)
H	Hardened steel	≥50HRC	BC8110	90 (80 – 120)

1/1

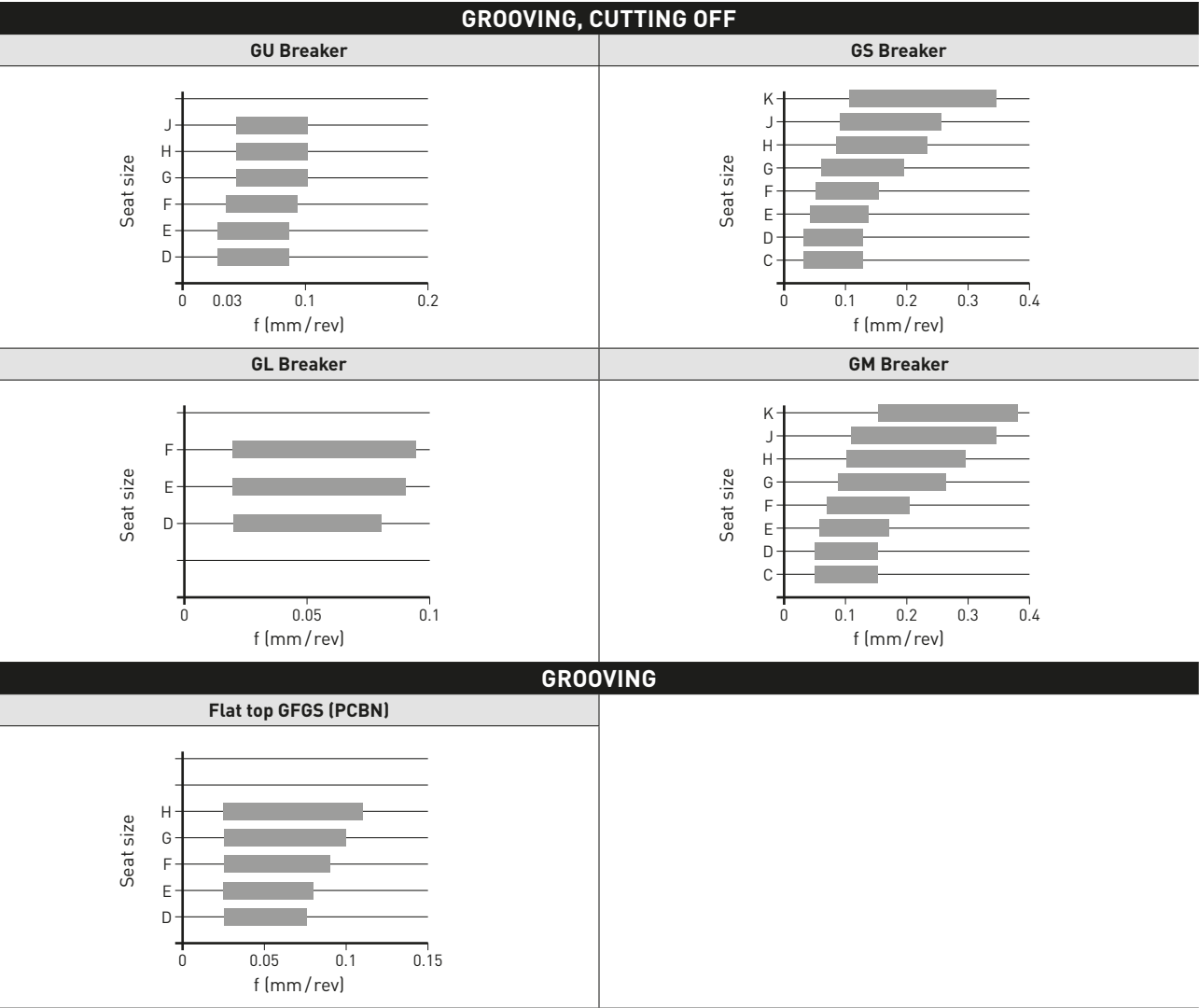
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1. **VP20RT** is the first recommended grade for materials other than hardened steel.
2. For VP10RT, VP20RT, MP9015, MP9025, MY5015, MY6125, wet cutting is recommended.
3. GL Chipbreaker is not recommended for face grooving.

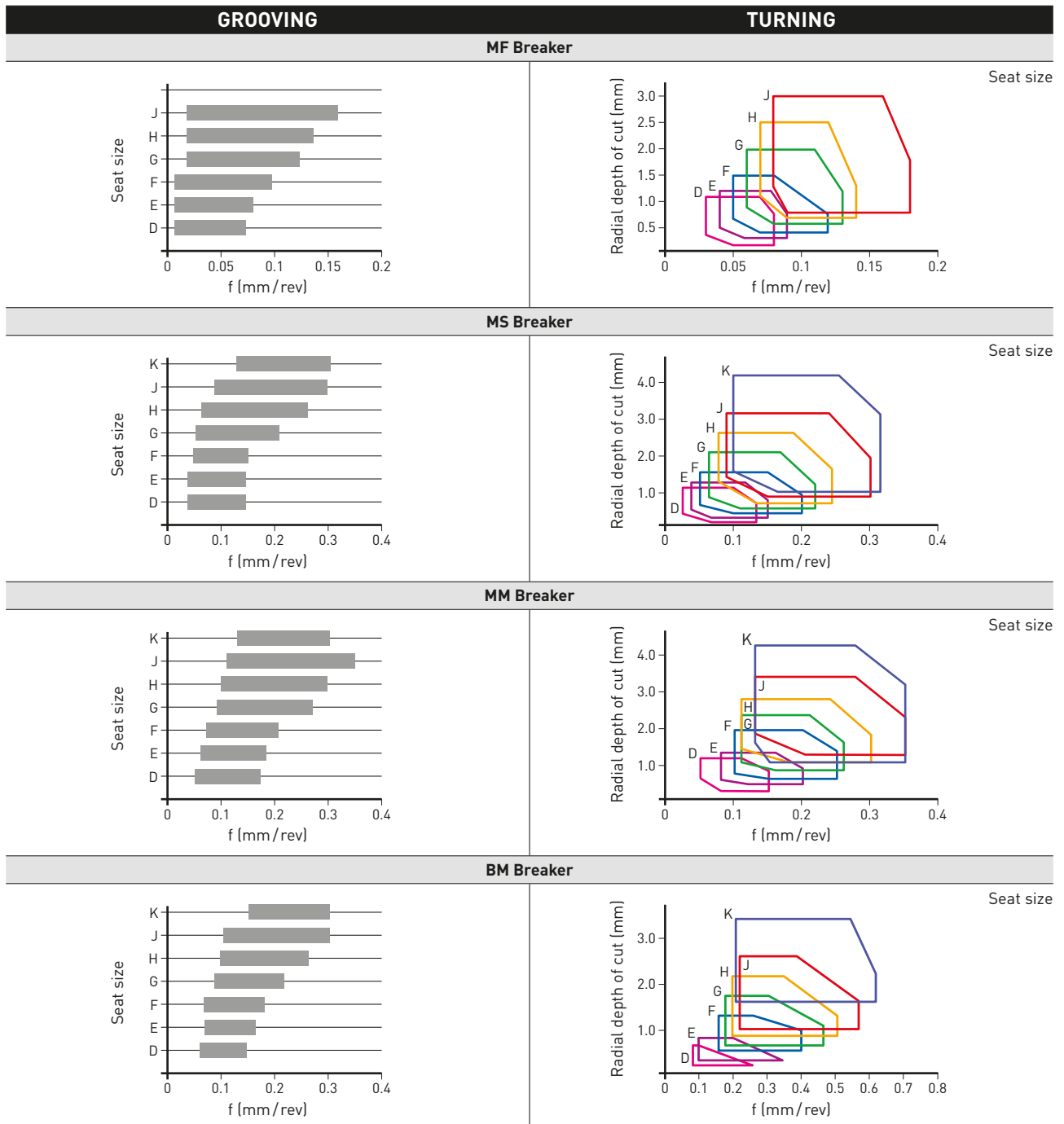
RECOMMENDED FEED RATE

RECOMMENDED CUTTING CONDITIONS (FOR EXTERNAL GROOVING)

Below are the recommended cutting conditions when using the modular holder GYHR/L2525M00/90-M25R/L with the modular blade GYM25R/LA-○○○.



RECOMMENDED FEED RATE AND DEPTH OF CUT

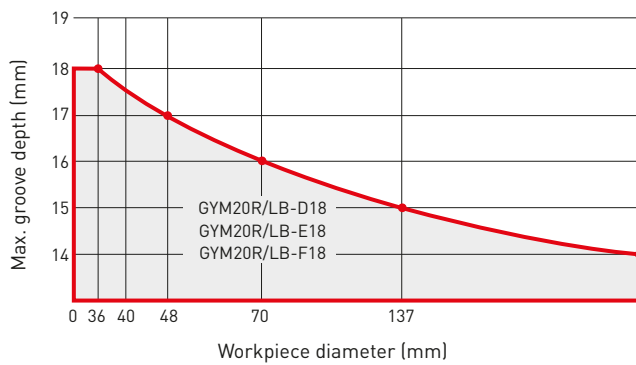


Seat size	C	D	E	F	G	H	J	K
Insert width (mm)	1.50	2.00	2.39	3.00	4.00	4.75	6.00	8.00
	–	2.24	2.50	3.18	4.24	5.00	6.31	–
	–	–	2.74	3.24	–	5.24	6.35	–

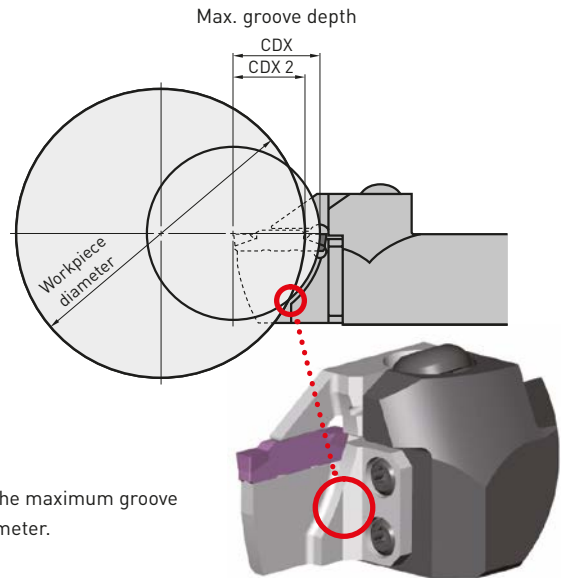
RECOMMENDED DEPTH OF CUT

LIMITATION OF THE MAXIMUM GROOVE DEPTH (FOR EXTERNAL GROOVING)

- When using the modular blade GYM○○○R/LA-○○○
- The maximum groove depth is not limited by the workpiece diameter.
- When using the modular blade GYM○○○R/LB-○○○
- The maximum groove depth is limited by the workpiece diameter.



Due to the interference on this part, the maximum groove depth is limited by the workpiece diameter.



RECOMMENDED CUTTING CONDITIONS

RECOMMENDED CUTTING SPEED (M / MIN) (FOR EXTERNAL RECESSING)

Material	Hardness	Grade	Vc
P	Mild steel	VP20RT	130 (80 – 180)
		VP10RT	140 (90 – 190)
	Carbon steel	VP20RT	100 (60 – 140)
		VP10RT	110 (70 – 150)
		MY6125	180 (110 – 250)
		MY5015	150 (90 – 210)
		NX2525	95 (55 – 135)
		VP20RT	90 (50 – 110)
	Alloy steel	VP10RT	90 (60 – 120)
		MY6125	145 (100 – 190)
		MY5015	120 (80 – 160)
		NX2525	75 (45 – 105)
		VP20RT	80 (50 – 110)
		VP10RT	90 (60 – 120)
M	Stainless steel	VP20RT	80 (50 – 110)
K	Gray cast iron	VP10RT	90 (60 – 120)
		VP20RT	100 (60 – 140)
		VP10RT	110 (70 – 150)
		MY5015	150 (90 – 210)
	Ductile cast iron	MY6125	180 (110 – 250)
		VP20RT	80 (50 – 110)
		VP10RT	30 (60 – 120)
		MY5015	120 (80 – 160)
S	Titanium alloy Heat resistant alloy	MY6125	145 (100 – 190)
		MP9015	70 (40 – 100)
		MP9025	60 (30 – 90)
		VP20RT	45 (30 – 60)
		VP10RT	55 (40 – 70)
		VP20RT	45 (30 – 60)
		VP10RT	55 (40 – 70)

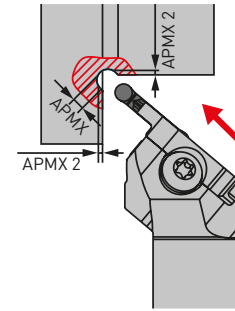
1/1

1. VP20RT is the first recommended grade for materials other than hardened steel.
2. For VP10RT, VP20RT, MP9015, MP9025, MY5015, MY6125, wet cutting is recommended.

RECOMMENDED FEED RATE AND DEPTH OF CUT

DISTANCE FROM THE WORKPIECE TO THE RECESS DEPTH

Grooving width CW	Recessing depth APMX	Distance workpiece to the recess depth APMX 2
2.00	1.50	0.646
2.50	1.75	0.720
3.00	2.00	0.793
3.18	2.09	0.819
4.00	2.50	0.939
4.75	2.88	1.049
5.00	3.00	1.086
6.00	3.50	1.232
6.35	3.68	1.283

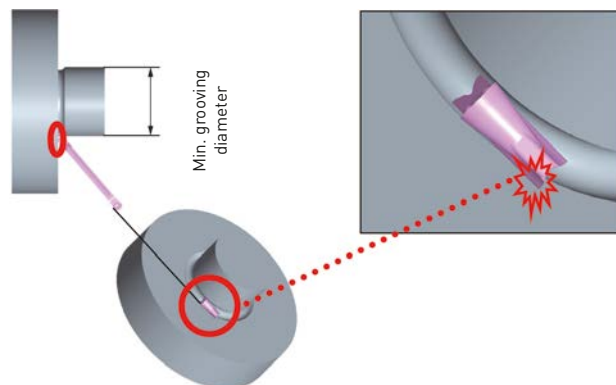
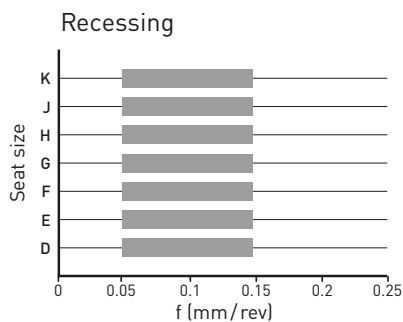


BM BREAKER

MINIMUM GROOVING DIAMETER

Ensure the tool is suitable for the diameter being machined. Refer to the Min. Grooving Diameter DMIN as shown in the table on page 38 to avoid a collision with the workpiece as shown below.

Recommended feed rate and depth of cut



RECOMMENDED CUTTING CONDITIONS

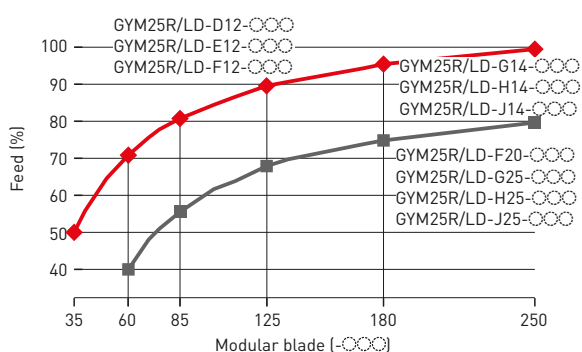
RECOMMENDED CUTTING SPEED (M / MIN) (FOR FACE GROOVING)

Material	Hardness	Grade	Vc
P	Mild steel	VP20RT	130 (80 – 180)
		VP10RT	140 (90 – 190)
		NX2525	120 (70 – 170)
	Carbon steel Alloy steel	VP20RT	100 (60 – 140)
		VP10RT	110 (70 – 150)
		MY6125	180 (110 – 250)
		MY5015	150 (90 – 210)
		NX2525	95 (55 – 135)
	≥280HB	VP20RT	80 (50 – 110)
		VP10RT	90 (60 – 120)
		MY6125	145 (100 – 190)
		MY5015	120 (80 – 160)
M	Stainless steel	NX2525	75 (45 – 105)
		VP20RT	80 (50 – 110)
K	Gray cast iron	VP10RT	90 (60 – 120)
		VP20RT	100 (60 – 140)
		VP10RT	110 (70 – 150)
	Ductile cast iron	MY5015	150 (90 – 210)
		MY6125	180 (110 – 250)
		VP20RT	80 (50 – 110)
		VP10RT	90 (60 – 120)
		MY5015	120 (80 – 160)
		MY6125	145 (100 – 190)
	Heat resistant alloy Titanium alloy	MP9015	70 (40 – 100)
		MP9025	60 (30 – 90)
		VP20RT	45 (30 – 60)
S	Hardened steel	VP10RT	55 (40 – 70)
		RT9010	55 (40 – 70)
H	Hardened steel	BC8110	80 (60 – 100)

1/1

1. VP20RT is the first recommended grade for materials other than hardened steel.
2. For VP10RT, VP20RT, MP9015, MP9025, MY5015, MY6125, wet cutting is recommended.

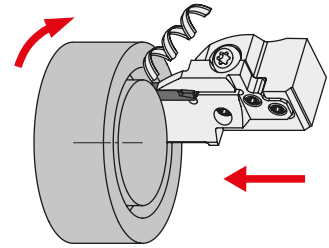
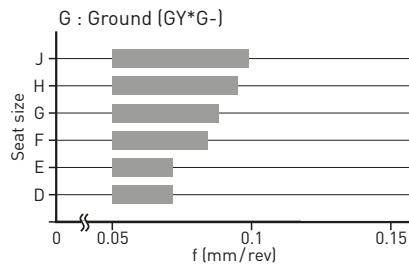
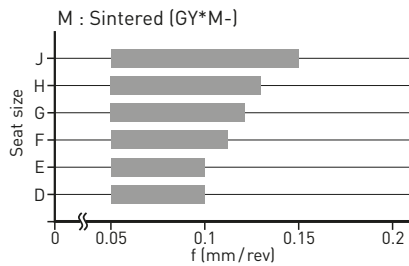
RELATIONSHIP BETWEEN THE MODULAR BLADE AND FEED PER ROTATION (FOR FACE GROOVING)



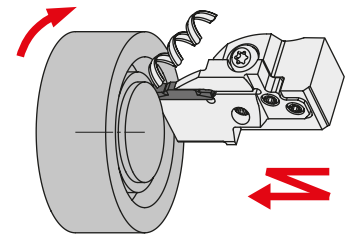
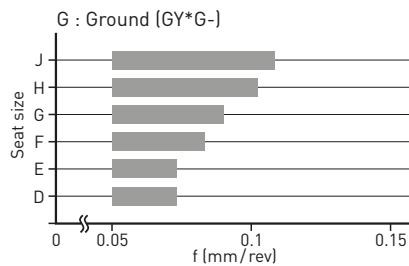
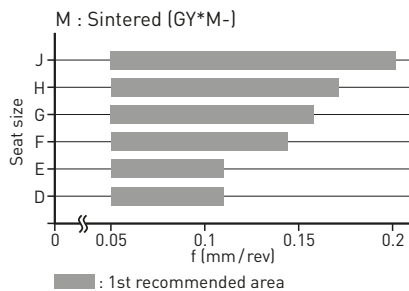
1. Adjust the feed per rotation in the cutting conditions to the percentage shown in the table above.

RECOMMENDED CUTTING CONDITIONS (FOR FACE GROOVING)

FACE GROOVING

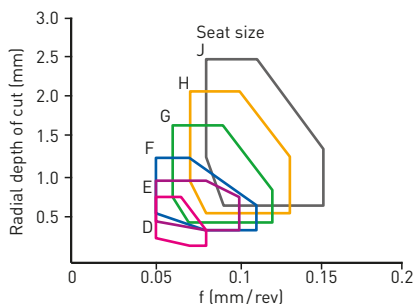


FACE PLUNGING

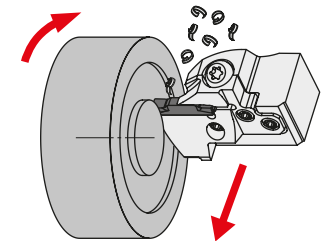


* After the 1st plunge, the width of cut should be set narrower than insert width CW.

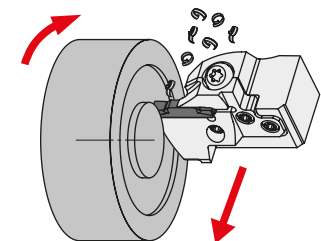
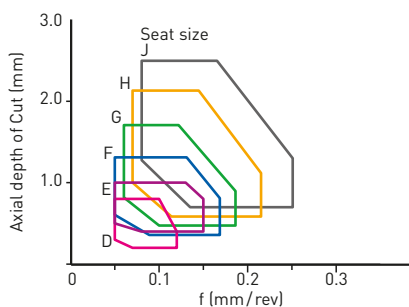
TRAVERSE MACHINING (MF BREAKER)



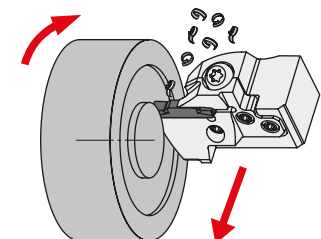
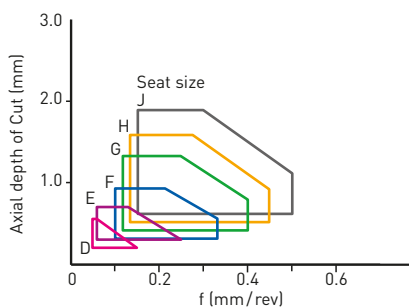
Seat size		Seat size	
Insert width (mm)		Insert width (mm)	
D	2.00	G	4.00
	2.24		4.24
E	2.39	H	4.75
	2.50		5.00
	2.74		5.24
F	3.00	J	6.00
	3.18		6.31
	3.24		6.35



TRAVERSE MACHINING (MM/MS BREAKER)



TRAVERSE MACHINING (BM BREAKER)



SYMBOLS

 Recommended cutting conditions	MACHINING TYPE
NEW Completely new products or expansions released in the current Spring or Autumn product launch and are not included in the latest version of the General Catalogue.	 Roughing
NEW Products or expansions that have already been introduced in one of the previous Spring or Autumn product launches but are not included in the latest General Catalogue.	 Medium cutting
APPLICATION	 Light cutting
 Face milling	 Pre-finishing
 Chamfer milling	 Finishing
 Shoulder milling with R	 Fine-finishing
 Face milling close to a wall	TOOL MATERIAL
 Shoulder milling	 Ultra micro grain carbide Ultra micro grain carbide substrate material.
 Side milling	 Cubic boron nitride Mitsubishi Materials' original CBN material.
 Slot milling	 Ceramic For high speed efficient machining of super alloys due to the excellent high temperature strength property.
 Ramping	 High hardness powder metallurgy HSS High hardness powder metallurgy HSS substrate material.
 Pocket milling	 High grade high alloy HSS High grade high alloy HSS substrate material.
 Slot milling with R	 Cobalt high speed steel Cobalt high speed steel substrate material.
 Copy milling	 High speed steel High speed steel substrate material.
 T-Slot milling	

SYMBOLS

COATING



SMART MIRACLE coating

New smooth and dense coating technology for high efficiency milling of difficult to cut materials.



CRN coating

Newly developed CrN coating for Copper Electrodes machining.



Violet coating

Increased tool life of 2-3 times more than TiN coated products.



DP coating

New generation coating suitable for a wide range of materials.



MIRACLE coating

The original Miracle (Al,Ti)N coating. Also suitable for dry cutting.



[Al, Ti]N coating

[Al,Ti]N highly versatile application range.



[Al,Ti,Cr]N multi-layer coating

For carbon, alloy and hardened steels.



IMPACT MIRACLE coating

Single phase nano crystal coating technology has higher film hardness and heat resistance.



MIRACLE coating

The original MIRACLE (Al,Ti)N coating. Also suitable for dry cutting.



VFR coating

The [AlCrSi]N/[AlTiSi]N PVD multilayer coating is ideal for machining of extremely hard materials up to 70 HRC.



DLC coating

Hardness similar to CVD diamond coating achieved with high adhesion strength.



Diamond coating

Suitable for CFRP and CFRP-aluminium materials.



Diamond coating

Suitable for graphite machining.



Diamond coating

The original CVD diamond coating.



CVD Diamond coating

Unique multi-layer micro-grain diamond crystal control technology drastically improves wear resistance and smoothness.

CUTTING EDGE PROPERTIES



Sharp corner edge

Indicates the end mill has a sharp corner edge.



Gash land

Indicates the end mill cutting edge has a protective chamfer.



Rake angle



Helix angle

Indicates the helix angle of the end mill.



Point angle

Indicates the drill point angle.



Roughing flute geometry



Variable helix



Rounded gash



Corner angle

WEB THINNING



X type point geometry

X web thinning used at the drill point.



XR type point geometry

XR web thinning used at the drill point.



S type point geometry

Easy cutting geometry.



N type point geometry

Effective when the point web is thick.



Chipbreaker

SYMBOLS

TOLERANCES



Tolerance of taper angle
Indicates the tolerance of the taper angle.



R tolerance
Indicates the radial tolerance of a ball nose end mill.



R tolerance
Indicates the radial tolerance of the corner radius.



R tolerance
Indicates the radial tolerance of a cutter with a corner radius.



Outside diameter tolerance
Indicates the diameter tolerance of the end mill.



Peak tolerance
Indicates the tolerance for the end diameter.



Shank diameter tolerance



Shank diameter tolerance



Drill tolerance / diameter

COOLANT HOLES



External coolant



Internal coolant



Internal coolant



Centered, internal coolant hole



Radial, internal coolant holes



Internal coolant holes



Internal coolant holes

MEMO

MEMO

MEMO

EUROPEAN SALES COMPANIES

GERMANY

MITSUBISHI MATERIALS TOOLS EUROPE GMBH
Comeniusstr. 2 . 40670 Meerbusch
Phone +49 2159 91890 . Fax +49 2159 918966
Email admin@mmchg.de

UK Office

MMC HARDMETAL UK LTD
1 Centurion Court, Centurion Way
Tamworth, B77 5PN
Phone +44 1827 312312
Email sales@mitsubishicarbide.co.uk

UK Deliveries / Returns

Unit 4 B5K Business Park, Quartz Close
Tamworth, B77 4GR

SPAIN

MITSUBISHI MATERIALS ESPAÑA, S.A.
Calle Emperador 2 . 46136 Museros / Valencia
Phone +34 96 1441711
Email comercial@mmevalencia.es

FRANCE

MMC METAL FRANCE S.A.R.L.
6, Rue Jacques Monod . 91400 Orsay
Phone +33 1 69 35 53 53 . Fax +33 1 69 35 53 50
Email mmfsales@mmc-metal-france.fr

POLAND

MMC HARDMETAL POLAND SP. Z O.O.
Al. Armii Krajowej 61 . 50-541 Wrocław
Phone +48 71335 1620 . Fax +48 71335 1621
Email sales@mitsubishicarbide.com.pl

ITALY

MMC ITALIA S.R.L.
Viale Certosa 144 . 20156 Milano
Phone +39 0293 77031 . Fax +39 0293 589093
Email info@mmc-italia.it

TURKEY

MITSUBISHI MATERIALS TOOLS EUROPE GMBH ALMANYA İZMİR MERKEZ ŞUBESİ
Adalet Mahallesi Anadolu Caddesi No: 41-1 . 15001 35530 Bayraklı / İzmir
Phone +90 232 5015000 . Fax +90 232 5015007
Email info@mmchg.com.tr

www.mmc-carbide.com

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