

HOW TO READ THE STANDARD OF GROOVING TOOLS

●How this section page is organised

- ① Classified according to external or internal applications.
② Sub-classified according to product series.
(Refer to the index on the next page.)

FIGURE SHOWING THE TOOLING APPLICATION
uses illustrations and arrows to depict available machining applications such as cutting off, grooving, and copying.

INDICATION OF HOLDER TYPE ACCORDING TO APPLICATION
indicates the holder types, such as the 00° type or the 90° type,
according to machining application.

TITLE OF PRODUCT

INDICATION OF EXTERNAL
/FACE/INTERNAL APPLICATION

— GEOMETRY

SPARE PARTS FOR HOLDER

PRODUCT SECTION

1 00° type holder

(Note 1) For modular blades and modular holders, please refer separately.
 (Note 2) Please use right hand modular blade for right hand modular holder and left hand modular blade for left hand modular holder.

(Note 3) Insert back holder direction

★ Wrench ★ Clamp Screw ★ Blade Screw

SPARE PARTS

Clamp Screw	Blade Screw	Wrench
GYHRA1616300-M2SRLL	GYV0013M (Clamp Torque 3.9N·m)	GYTKY20R / GYTKY25R
GYHRA2020K00-M2SRLL	TS407 (Clamp Torque 3.9N·m)	GYTKY20R / GYTKY25R
GYHRA2525M00-M2SRLL	TS55 (Clamp Torque 5.0N·m)	GYTKY30R / GYTKY250
GYHRA3232P00-M2SRLL		

Modular Holder Number

GYHRA1616300-M2SRLL
 GYHRA2020K00-M2SRLL
 GYHRA2525M00-M2SRLL
 GYHRA3232P00-M2SRLL

Seat Size	Insert Width W (mm)	Hand (R/L)	Max. Groove Depth H (mm)	Max. Cut Off Diameter Ds (mm)	ID	Order Number			
						Modular Blade	Stock	Modular Holder	
D	2.00	R	6	12	(IC1R301)	GYM20RA-D06	●	GYHRA1616300-M2Z0R	●
			12	24	(IC1R302)	GYM20RA-D12	●		
			18	36	(IC1R303)	GYM20RA-D18	●		
			6	12	(IC1R301)	GYM20RA-D06	●		
			12	24	(IC1R302)	GYM20RA-D12	●		
			18	36	(IC1R303)	GYM20RA-D18	●		
	2.24	L	6	12	(IC1R401)	GYM25RA-D06	●	GYHRA2020K00-M2Z0R	●
			12	24	(IC1R402)	GYM25RA-D12	●		
			18	36	(IC1R403)	GYM25RA-D18	●		
			6	12	(IC1R401)	GYM25RA-D06	●		
			12	24	(IC1R402)	GYM25RA-D12	●		
			18	36	(IC1R403)	GYM25RA-D18	●		
D	2.00	R	6	12	(IC1R401)	GYM25RA-D06	●	GYHRA2525M00-M2SR	●
			12	24	(IC1R402)	GYM25RA-D12	●		
			18	36	(IC1R403)	GYM25RA-D18	●		
			6	12	(IC1R401)	GYM25RA-D06	●		
			12	24	(IC1R402)	GYM25RA-D12	●		
			18	36	(IC1R403)	GYM25RA-D18	●		
	2.24	L	6	12	(IC1R401)	GYM25RA-D06	●	GYHRA3232P00-M2SR	●
			12	24	(IC1R402)	GYM25RA-D12	●		
			18	36	(IC1R403)	GYM25RA-D18	●		
			6	12	(IC1R401)	GYM25RA-D06	●		
			12	24	(IC1R402)	GYM25RA-D12	●		
			18	36	(IC1R403)	GYM25RA-D18	●		
D	2.00	R	6	12	(IC1L301)	GYM20LA-D06	●	GYHRA1616300-M2DL	●
			12	24	(IC1L302)	GYM20LA-D12	●		
			18	36	(IC1L303)	GYM20LA-D18	●		
			6	12	(IC1L301)	GYM20LA-D06	●		
			12	24	(IC1L302)	GYM20LA-D12	●		
			18	36	(IC1L303)	GYM20LA-D18	●		
	2.24	L	6	12	(IC1L401)	GYM25LA-D06	●	GYHRA2020K00-M2DL	●
			12	24	(IC1L402)	GYM25LA-D12	●		
			18	36	(IC1L403)	GYM25LA-D18	●		
			6	12	(IC1L401)	GYM25LA-D06	●		
			12	24	(IC1L402)	GYM25LA-D12	●		
			18	36	(IC1L403)	GYM25LA-D18	●		
D	2.00	R	6	12	(IC1L401)	GYM25LA-D06	●	GYHRA2525M00-M2SR	●
			12	24	(IC1L402)	GYM25LA-D12	●		
			18	36	(IC1L403)	GYM25LA-D18	●		
			6	12	(IC1L401)	GYM25LA-D06	●		
			12	24	(IC1L402)	GYM25LA-D12	●		
			18	36	(IC1L403)	GYM25LA-D18	●		
	2.24	L	6	12	(IC1L401)	GYM25LA-D06	●	GYHRA3232P00-M2SL	●
			12	24	(IC1L402)	GYM25LA-D12	●		
			18	36	(IC1L403)	GYM25LA-D18	●		
			6	12	(IC1L401)	GYM25LA-D06	●		
			12	24	(IC1L402)	GYM25LA-D12	●		
			18	36	(IC1L403)	GYM25LA-D18	●		

Dimensions (mm) a3										Cutting Mode													
H1	B	L1	L2	H2	F1	F2	B1	B2	Sp	Clockwise					Anticlockwise					Insert			
																				Geometry / Insert Number	Page		
16	16	104	28	16	20	3	3	3	3	G Y2M0200D020N-GU					G Y2M0200D020N-GS					G Y2M0200D020N-GM (Coarse grind)	G Y2M0200D020P05-G	G Y2M0200D020N-IS-G	FO14 -016
16	16	110	34	16	20	4	4	4	4	G Y2M0200D020N-MF					G Y2M0200D020N-MS					G Y2M0200D020N-MM	G Y2M0200D020N-MM		
16	16	116	40	16	20	5	5	5	5	G Y2M0200D020N-MF					G Y2M0200D020N-MS					G Y2M0200D020N-MM	G Y2M0200D020N-MM		
20	20	112	31	20	26	5	5	5	5	G Y2M0200D020N-MF					G Y2M0200D020N-MS					G Y2M0200D020N-MM	G Y2M0200D020N-MM		
20	20	117	31	20	26	6	6	6	6	G Y2M0200D020N-MF					G Y2M0200D020N-MS					G Y2M0200D020N-MM	G Y2M0200D020N-MM		
20	20	125	34	20	23	1	1	1	1	G Y2M0200D020N-MF					G Y2M0200D020N-MS					G Y2M0200D020N-MM	G Y2M0200D020N-MM		
20	20	139	28	20	23	1	1	1	1	G Y2M0200D020N-MF					G Y2M0200D020N-MS					G Y2M0200D020N-MM	G Y2M0200D020N-MM		
20	20	139	28	20	23	1	1	1	1	G Y2M0200D020N-MF					G Y2M0200D020N-MS					G Y2M0200D020N-MM	G Y2M0200D020N-MM		
20	20	125	34	20	23	1	1	1	1	G Y2M0200D020N-MF					G Y2M0200D020N-MS					G Y2M0200D020N-MM	G Y2M0200D020N-MM		
20	20	131	40	20	23	1	1	1	1	G Y2M0200D020N-MF					G Y2M0200D020N-MS					G Y2M0200D020N-MM	G Y2M0200D020N-MM		
20	20	131	40	20	26	5	5	5	5	G Y2M0200D020N-MF					G Y2M0200D020N-MS					G Y2M0200D020N-MM	G Y2M0200D020N-MM		
25	25	142	31	25	28	1	1	1	1	G Y2M0200D020N-MF					G Y2M0200D020N-MS					G Y2M0200D020N-MM	G Y2M0200D020N-MM		
25	25	150	39	25	28	1	1	1	1	G Y2M0200D020N-MF					G Y2M0200D020N-MS					G Y2M0200D020N-MM	G Y2M0200D020N-MM		
25	25	156	45	25	28	2	2	2	2	G Y2M0200D020N-MF					G Y2M0200D020N-MS					G Y2M0200D020N-MM	G Y2M0200D020N-MM		
32	32	162	31	32	28	1	1	1	1	G Y2M0200D020N-MF					G Y2M0200D020N-MS					G Y2M0200D020N-MM	G Y2M0200D020N-MM		
32	32	176	45	32	28	1	1	1	1	G Y2M0200D020N-MF					G Y2M0200D020N-MS					G Y2M0200D020N-MM	G Y2M0200D020N-MM		
32	32	176	45	32	28	1	1	1	1	G Y2M0200D020N-MF					G Y2M0200D020N-MS					G Y2M0200D020N-MM	G Y2M0200D020N-MM		
32	32	176	45	32	28	1	1	1	1	G Y2M0200D020N-MF					G Y2M0200D020N-MS					G Y2M0200D020N-MM	G Y2M0200D020N-MM		
32	32	176	45	32	28	1	1	1	1	G Y2M0200D020N-MF					G Y2M0200D020N-MS					G Y2M0200D020N-MM	G Y2M0200D020N-MM		
32	32	176	45	32	28	1	1	1	1	G Y2M0200D020N-MF					G Y2M0200D020N-MS					G Y2M0200D020N-MM	G Y2M0200D020N-MM		
32	32	176	45	32	28	1	1	1	1	G Y2M0200D020N-MF					G Y2M0200D020N-MS					G Y2M0200D020N-MM	G Y2M0200D020N-MM		

★ Inventory maintained.

IDENTIFICATION

CUTTING CONDITIONS

SPARE PARTS

★ F012, F013

★ F040

★ M001

LEGEND FOR STOCK STATUS MARK
is shown on the left hand page of each
double-page spread.

PRODUCT STANDARDS

indicates order numbers, stock status (per right/left hand), holders, modular blades, groove widths, maximum groove depths, maximum cut-off diameters, dimensions, and applicable inserts.

PAGE REFERENCE

- SPARE PARTS
- CUTTING CONDITIONS
- IDENTIFICATION

indicates reference pages, on the right hand page of each double-page spread.