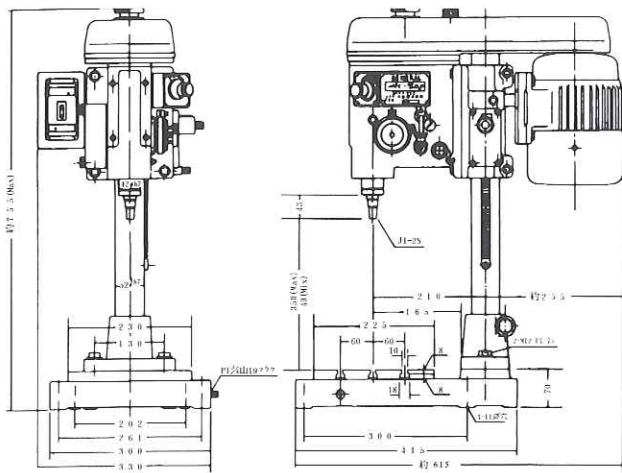
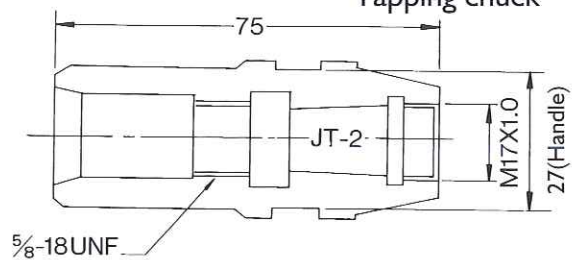
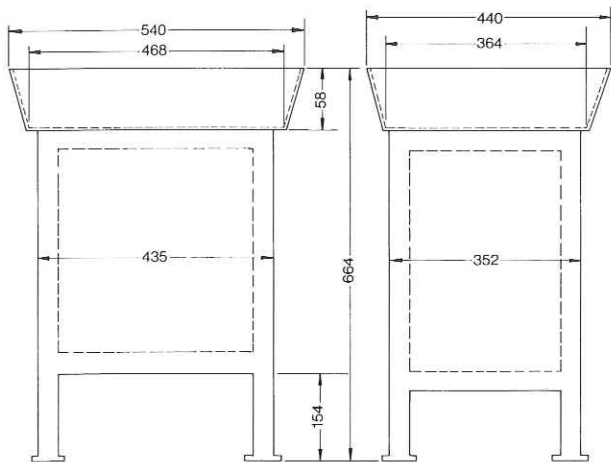


Shin Feng

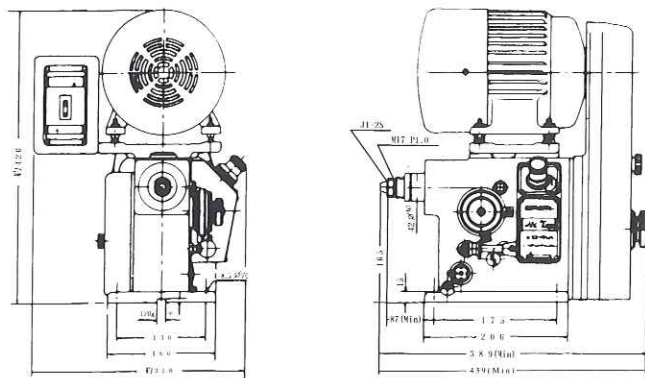


GT1-203

Working table (optional special fittings)



Tapping chuck

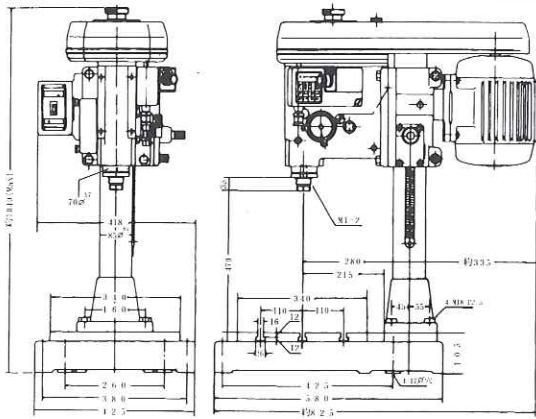


GT1-204

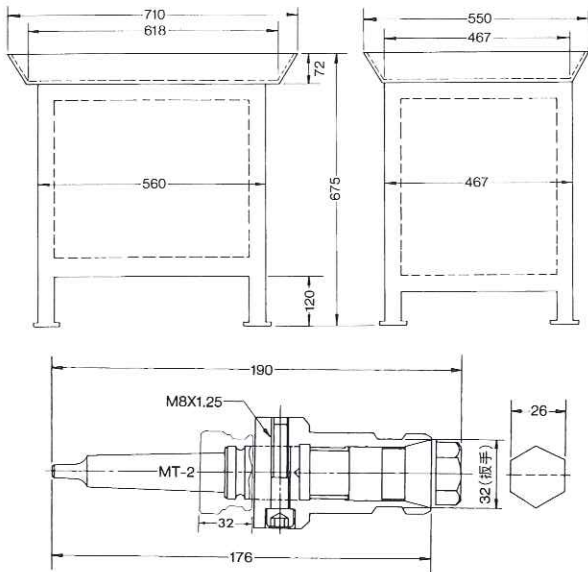


MODEL	SPECIFICATIONS		Spindle stroke maxi. mm	Lathe swivel dia. mm	Gear tooth dia. mm	Vertical travel distance of headstock. mm	Distance between spindle end and table maxi. mm	Table size mm	Base area mm	Motor	SPINDLE RPM		AUTO FEEDING GEARED DISTANCE APPLICABLE TO THIS MACHINE		Multi-shaft max. capacity (m/m standard pitch)
	GT1-203 approx 97kg	GT1-204 approx 50kg									50HZ	60HZ	Teeth/ inch	mm	
Vertical type (wgt)	GT1-203 approx 97kg	GT1-204 approx 50kg	45	330	2ø 8 under (10ø)	260	350	225 x 230	415 x 300	3 phases 4P 400W (1/2HP)	1340, 1600, 760, 900, 420	50, 60, 28, 24, 500	64, 56, 48, 44, 20, 18, 16	0.2, 0.25, 0.3, 0.35, 0.4, 0.45, 0.5, 0.6, 0.7, 0.75, 0.8, 0.9, 1.0, 1.25 (11.5)	3øx10 Axes 4øx5 Axes 5øx2 Axes

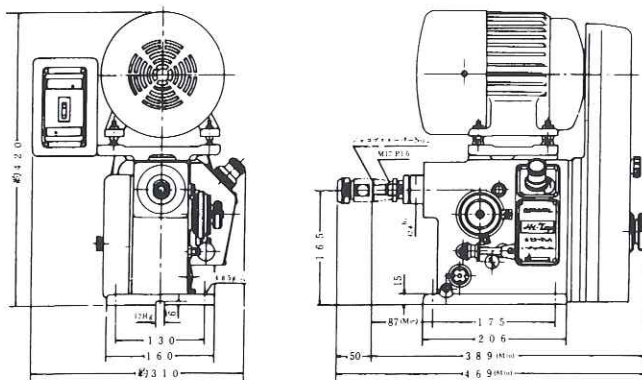
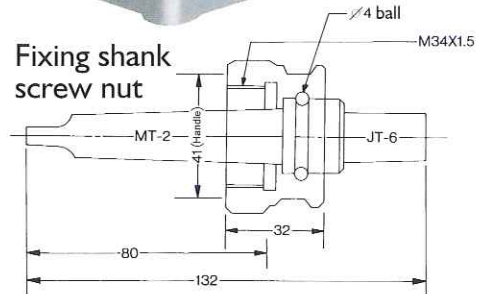
※ STANDARD ACCESSORIES: a. 1 Tool Box b. 2 Sets Of Pitched Gear (1 Set placed Inside The Machine, 1 Set Placed In The Tool Box, Size Is Designated By The Customer) c. Chuck & CT-12 Each 1 Pc, Or 3/8" Drilling Bit 1 Pc Optional.



Working table (optional special fittings)



GT2-223

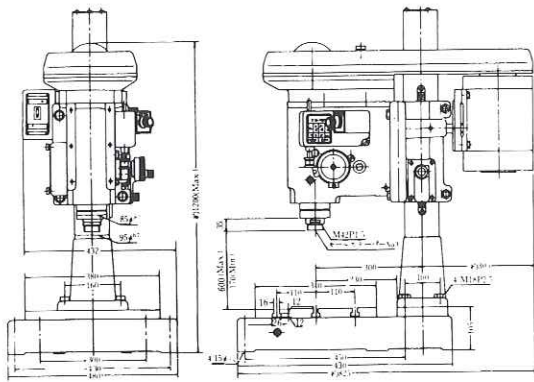


GT2-224

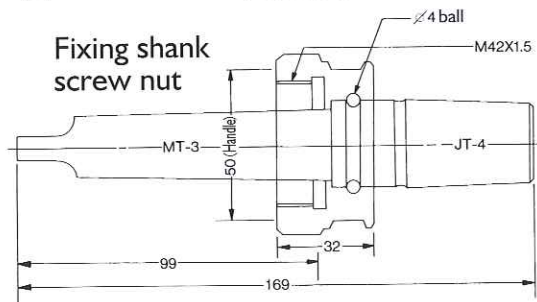
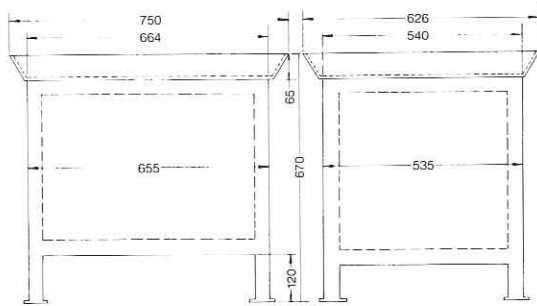


SPECIFICATIONS		Spindle stroke maxi. mm	Lathe swivel dia. mm	Gear tooth dia. mm	Vertical travel distance of headstock. mm	Distance between spindle end and table maxi. mm	Table size mm	Base area mm	Motor	SPINDLE RPM		AUTO FEEDING GEARED DISTANCE APPLICABLE TO THIS MACHINE		Multi-shaft max. capacity (m/m standard pitch)
MODEL										50HZ	60HZ	Teeth/ inch	mm	
Vertical type (wgt)	GT2-223 approx 200kg	65	430	5ø	300	470	340 x 340	580 x 425	3 phases 6P 750W (1HP)	515	620	28,24,20,19	0.7,0.8,0.9	6øx9 Axes 8øx4 Axes 12øx2 Axes
cross type (wgt)	GT2-224 approx 103kg									285	340	18,16,14,12	1.0,1.25,1.5	
				16ø						155	190	11,10	1.75,1.8,2.0, 2.5	

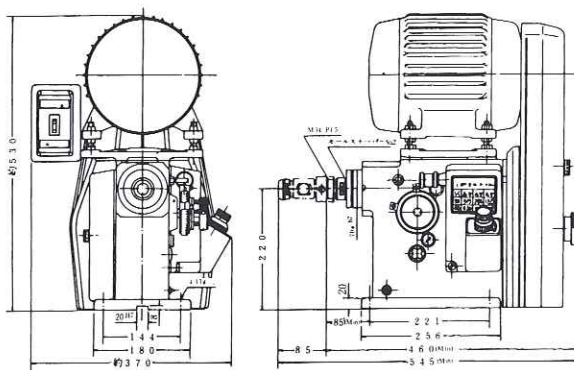
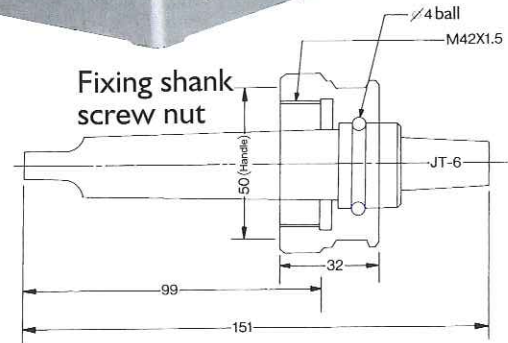
※ STANDARD ACCESSORIES: a. 1 Tool Box b. 2 Sets Of Pitched Gear (1 Set placed Inside The Machine, 1 Set Placed In The Tool Box, Size Is Designated By The Customer) c. Chuck And Collect Each 1 Pc.



Working table (optional special fittings)



GT3-231



GT3-232

SPECIFICATIONS		Spindle stroke maxi. mm	Lathe swivel dia. mm	Gear tooth dia. mm	Vertical travel distance of headstock. mm	Distance between spindle end and table maxi. mm	Table size mm	Base area mm	Motor	SPINDLE RPM		AUTO FEEDING GEARED DISTANCE APPLICABLE TO THIS MACHINE		Multi-shaft max. capacity (m/m standard pitch)
MODEL										50HZ	60HZ	Teeth/ inch	mm	
Vertical type (wgt)	GT3-231 approx 250kg	65	460	10ø	450	600	340	600	3 phases	200,	240,	19,16,14,	1.5,1.75	10øx10 Axes
cross type (wgt)	GT3-232 approx 125kg									100,	120,	12,11,10	2.0,2.5	16øx4 Axes
				32ø			380	480	1.5KW (2HP)	50	60	9,8	3.0,3.5	20øx2 Axes

※ STANDARD ACCESSORIES: a. 1 Tool Box b. 2 Sets Of Pitched Gear (1 Set placed Inside The Machine, 1 Set Placed In The Tool Box, Size Is Designated By The Customer) c. Tapping Unit (WF Type) & Tapping chuck (WF Type) Each 1 Pc.



Features:

Featuring the same functions as GT series, this model provides simultaneous tapping of different pitches. It can also work with robot and punch press to handle fully automated processing.

Working area:

550mm x 420mm

Standard attachments:

1. GQU 550x420 16-spindle device (a multi-spindle device for 14 more spindles)
2. Two gear sets

EXAMPLES OF TAPPING MACHINE GT SERIES MOUNTED WITH TAPPING UNIT



GT1-203 Tapping Machine Mounted With T Type Movable 2-Shaft Tapping Unit



GT2-223 Tapping Machine Mounted With U Type Movable 4-Shaft Tapping Unit



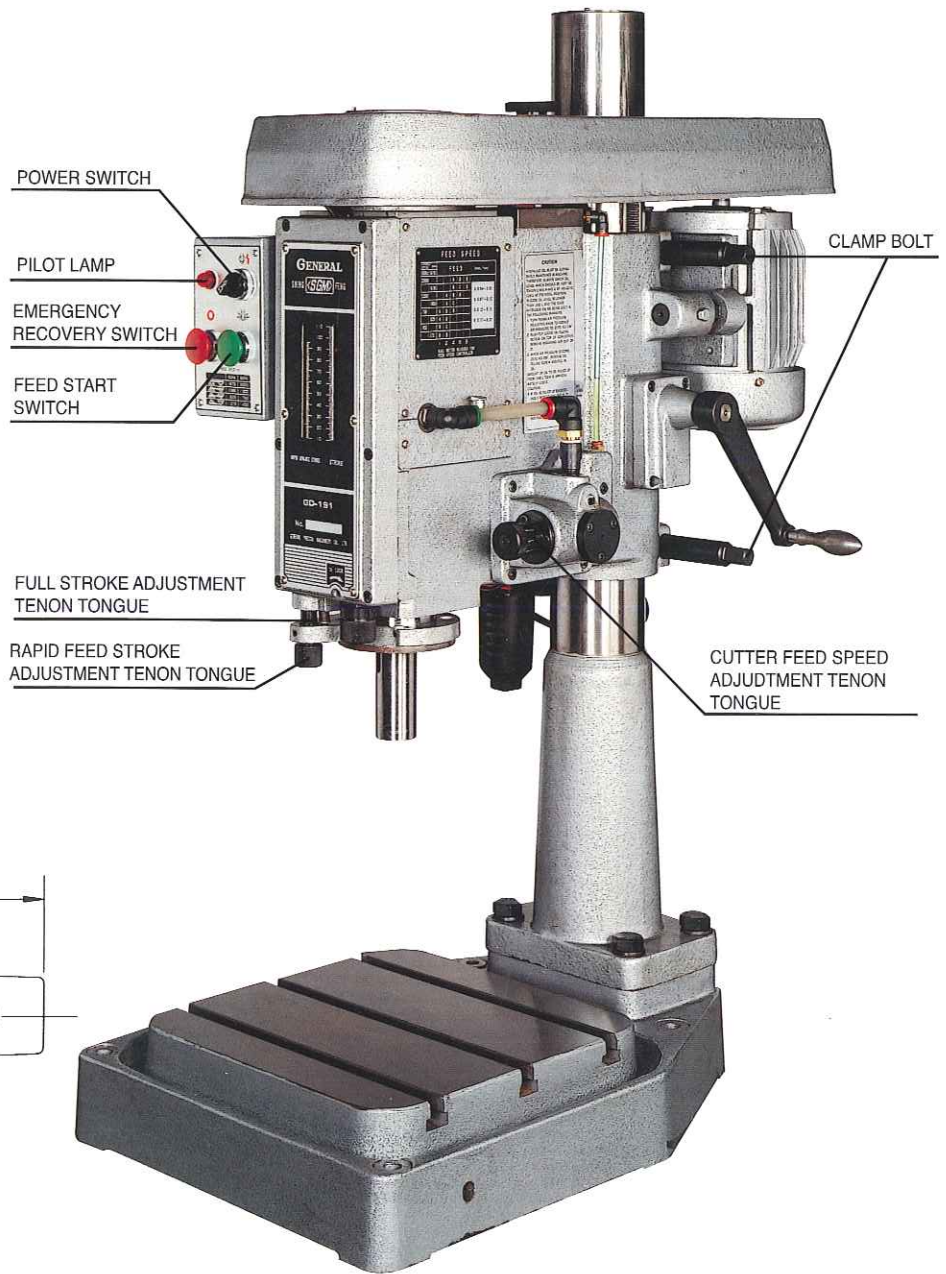
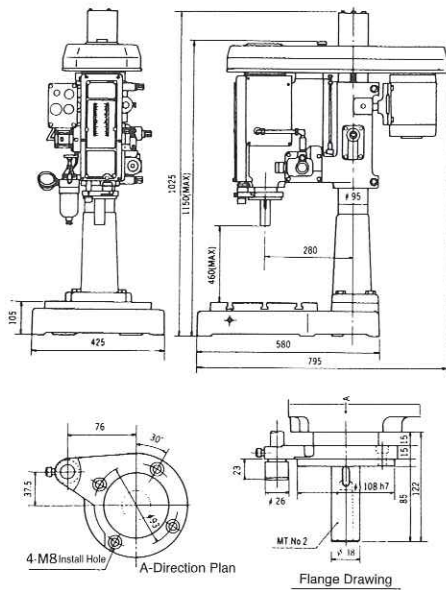
GT2-223 Tapping Machine Mount With Fixing Type 13-Shaft Tapping Unit



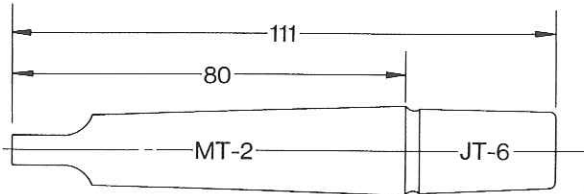
GT3-231 Tapping Machine Mount With Fixing Type 10-Shaft Tapping Unit

◆ THE SAME SWITCH CONTROL RAPID FEED, CUTTER FEED AND RAPID RETURN IN AN AUTOMATIC

Air Compressing Propulsion • Easy to Operate • Perforating • Reamer Multi-Shaft • Precisely Automatic • Greatly Increase Your Productive.



FIXING SHANK



MODEL	Drilling Capacity mm	Front Spindle Shape mm	Spindle stroke mm	Spindle stroke		Rapid Feed Range	Cutter Feed Range mm	Cutter Speed Range mm/ min	Swiver mm	Vertical Bed Travel mm	Distance Betwix Spidle Head & Table mm	Table Working Area mm	Constant Pressure	Motor	Weight
				50 Cycles	60 Cycles										
GD1-191 Type	19 (STEEL)	M.T. No. 2	110	450 750 1300 2000 r.p.m.	375 625 1080 1670 r.p.m.	UP TO 95mm	10 ~ 110	Above 40	430	300	160 ~ 460	340 x 340	5 kgf/cm ²	(1HP) 0.75kw -4P	CA. 198kg

※May change the designed size without notice for the sake of improvement.

STANDARD ACCESSORIES: a. 1Tool Box b. 1 Fixing Shank c. 1 Clamp 1/2"

RAPID FEED STROKE POINTER

FULL STROKE POINTER

SET SCREW

RAPID FEED STROKE ADJUSTMENT TENON TONGUE

FULL STROKE ADJUSTMENT TENON TONGUE

◆ Rapid cutter feed stroke is set at 50mm in above figure. In the case of 80mm in full stroke, the cutter stroke shall be 30mm once the rapid cutter feed stroke is set at 50mm.

◆ Cutter speed, full-range stroke and rapid feed stroke are regulated by means of the furnished tenon tongue. It is fairly easy to set the mechanism, simply by watching the graduation for setting. One single setting is sufficient to repeat the same process continuously.

INCREASED CUTTER FEED SPEED (LEFT-TURN)

SPEED ADJUSTMENT RANGE ON CUTTER FEED ADJUSTMENT

PERFECTLY LOCKED RANGE BY TURNING

FEATURES:

- AIR-AND OIL-PRESSURE SWITCHING TYPE**
Unlike any other conventional machine, the unit adopts oil and air-pressure change system. The updated design makes it possible for the spindle shaft for precision motion, Moreover, the cutter speed may be adjusted by means of tenon tongue, from 40mm/min all the way up, for reamer processing.

- AUTOMATIC CYCLE**
Push the start switch, the rapid cutter feed will work, automatically, in the fast recovery of cutter position to a stop as a cycle. Since the unit is supplied with the timer circuit, to install the timer (special accessory to be purchased separately) is to promote the timing device to the highest degree.
- STROKE ADJUSTMENT**
Rapid feed stroke and full stroke are adjusted by means of the graduation appeared on the adjusting tenon tongue. It may be feasibly performed. Further more, if the cutter feed speed is adjusted to the position where the tenon tongue is shut off, then, it will be made easy for the preparations, such as centering measurement and instruments installation
- MULTI-SPINDLES & AUTOMATION**
Owing to its automatic cycle functions, the unit may be combined with any other special purposed machine. Besides, the flange installation hole fixed onto the spindle shaft is available for the equipping of multi-spindles.

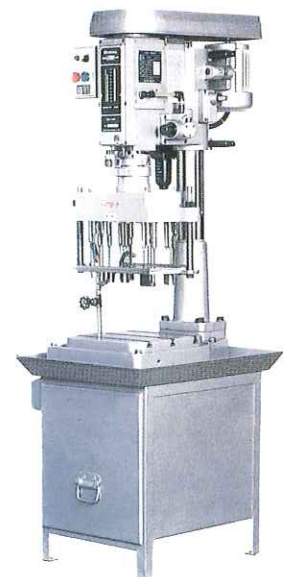
EXAMPLE OF GD-191 MODEL WITH MULTIPLE-DRILL



Mount on 2-shaft moveable drill for D model



Mount on 4-shaft moveable drill for A model



Mount on fixing type drill

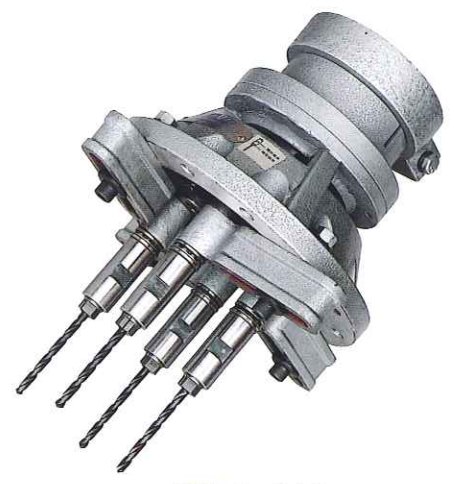
MULTI-SHAFT DRILLING & TAPPING MACHINE **GENERAL**



**GMT-70
GMT-72
GMT-90**



**GMT-108
GMT-121
GMT-125
GMT-145
GMT-150
GMT-214
GMT-226
GMT-250
GMT-359**

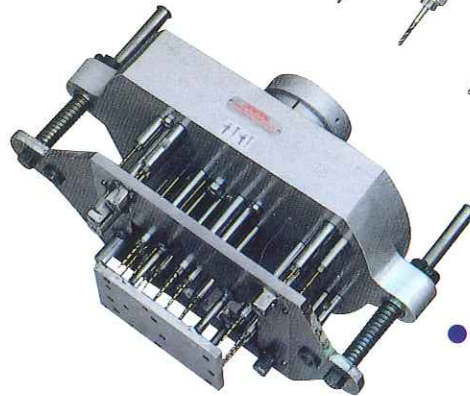
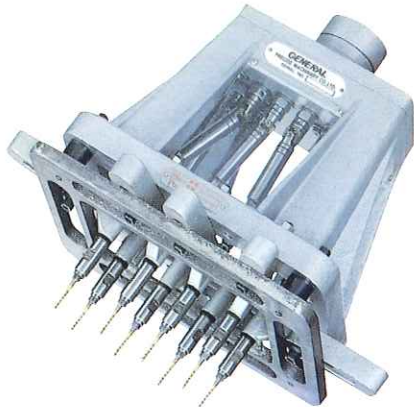
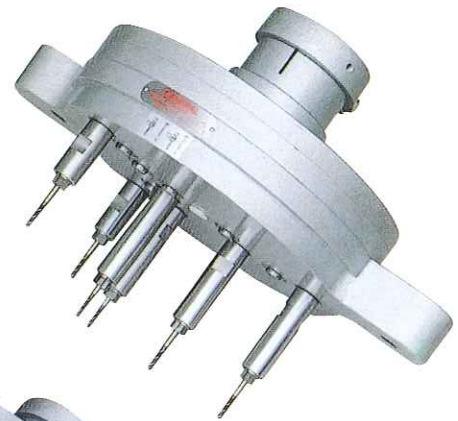
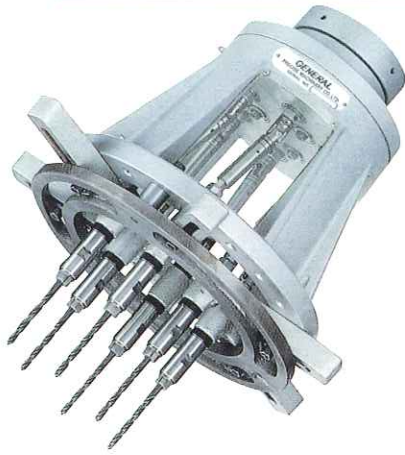


**GMA-100
GMA-124**

Model No.	GMT-70	GMT-72	GMT-90	GMT-108	GMT-121	GMT-125	GMT-145
Max. Range of Centers (m/m)	70	72	90	108	121	125	145
Lowest Distance (m/m)	10	12.5	15	18	24	24	24
Min. Dia.	ø10	ø12.5	ø15	ø18	ø24	ø24	ø24
Suitable Model	GT1, GT2, GT3, GD1 Type	GT1, GT2, GT3, GD1 Type	GT1, GT2, GT3, GD1 Type	GT1, GT2, GT3, GD1 Type	GT1, GT2, GT3, GD1 Type	GT1, GT2, GT3, GD1 Type	GT1, GT2, GT3, GD1 Type
Suitable Clamp	Collet: ND-1 NT-1	Collet: C-5, CT-5	Collet: C-6, CT-6	Collet: C-6, CT-6	Collet: C-9, CT-9	Collet: C-6, C-9 CT-6, CT-9	Collet: C-6, C-9 CT-6, CT-9
Maximum Drilling Capacity (mm)	ø3.0	ø4.0	ø5.0	ø6.0	ø8.0	ø6(ø8.0)	ø8(ø10)
Number Spindle	2	2	2	2	2	2	2

Model No.	GMT-150	GMT-214	GMT-226	GMT-250	GMT-359	GMA-100	GMA-124
Max. Range of Centers (m/m)	150	214	226	250	359	100	124
Lowest Distance (m/m)	29	46	33.5	60	56	18.5	27
Min. Dia.	ø29	ø46	ø33.5	ø60	ø56	ø25(4-shaft)	ø38(4-shaft)
Suitable Model	GT1, GT2, GT3, GD1 Type	GT2, GT3, GD1 Type	GT1, GT2, GT3, GD1 Type	GT2, GT3, GD1 Type	GT1, GT2, GT3, GD1 Type	GT1, GT2, GT3, GD1 Type	GT1, GT2, GT3, GD1 Type
Suitable Clamp	Collet: C-6, C-9 CT-6, CT-9	Collet: C-12, C-14 CT-12, CT-14	Collet: C-9, C-12, CT-9, CT-12 Drilling Clamp: JT-2	Collet: C-14 CD-16 CT-14 CT-16	Collet: C-9, C-12, C-14, CT-9, CT-12, CT-14 Drilling Clamp: JT-2, JT-6	Collet: C-6, CT-6	Collet: C-9, CT-9
Maximum Drilling Capacity (mm)	ø6(ø8)	ø13	ø9.0	ø16	ø9.0	ø6.0	ø8.0
Number Spindle	2	2	2	2	2	2~4	2~4

GMU-165
GMU-200
GMU-250
GMU-300



GMK-Fixing type

● Fixing type has no limit for shaft's number, welcome your order.

GMU-165
GMU-200
GMU-250
GMU-300

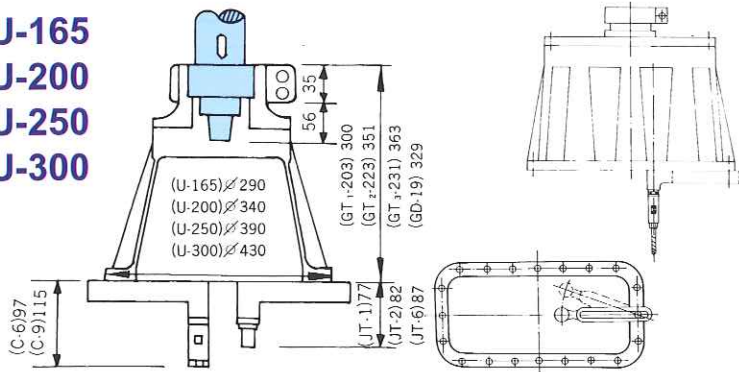
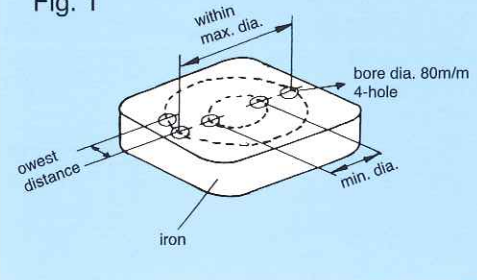


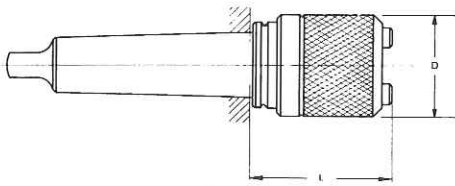
Fig. 1



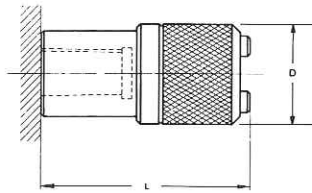
※ When ordering, the way to select the model required: Processing center distance, bore dia. & material (fig. 1)
The way to process: drilling, tapping, or reaming.

Model No.	GNU-165	GMU-165	GMU-200	GMU-250	GMU-300	GMK-固定型
Max. Range of Centers (m/m)	∅165 Within	∅165 Within	∅200 Within	∅250 Within	∅300 Within	∅ Unlimited
Lowest Distance (m/m)	12.5	18.5 26	18.5 26	18.5 26	18.5 26	10 Above
Min. Dia.	∅12.5	∅18.5 ∅26	∅18.5 ∅26	∅18.5 ∅26	∅18.5 ∅26	∅10 Above
Suitable Model	GT1, GT2, GT3, GD1 Type	GT1, GT2, GT3, GD1 Type	GT1, GT2, GT3, GD1 Type	GT1, GT2, GT3 Type	GT1, GT2, GT3 Type	Unlimited
Suitable Clamp	Collet: C-5, CT-5 Drilling Clamp: 3/8" JT-1	Collet: C-5, CT-5, C-5, C-6, C-9, C-6, CT-6 CT-5, CT-6, CT-9 Drilling Clamp: 3/8" JT-1	Collet: C-5, C-6, C-9, CT-5, CT-6, CT-9 Drilling Clamp: 3/8" JT-1	Collet: C-5, C-6, C-9, CT-5, CT-6, CT-9 Drilling Clamp: 3/8" JT-1	Collet: C-5, C-6, C-9, CT-5, CT-6, CT-9 Drilling Clamp: 3/8" JT-1	Collet: C-5, C-6, C-9, CT-5, CT-6, CT-9, C-12, C-16, CT-12, CT-14, CT-16
Maximum Drilling Capacity (mm)	∅4.5	∅6.0~∅8.0	∅6.0~∅8.0	∅8.0	∅8.0	Unlimited
Number Spindle	2~10	2~8	2~10	2~12	2~15	Unlimited

Tapping unut, WF type

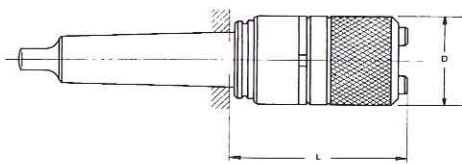


Specifications	Tapping Ability	Tapping Chuck Type	Outer Dia. D	Length L
WF 0/JT 1	M3~M8 (M10) U ^{1/8} ~U ^{5/16} (U ^{3/8})	0	23	39
WF 1/JT 2	M3~M12 (M14) U ^{1/8} ~U ^{9/16} Pipe 1/8"~1/4"	1	32	44
WF 2/ MT 2, MT 3	M8~M22 U ^{3/8} ~U ^{7/8} Pipe 1/8"~1/2"	2	50	61
WF 3/ MT 3	M16~M38 U ^{3/4} ~U ^{1 1/8} Pipe 1/2"~1 1/8"	3	72	91

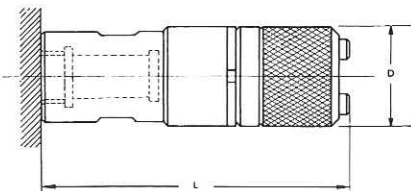


Specifications	Tapping Ability	Tapping Chuck Type	Outer Dia. D	Length L
WF 0/JT 2	M3~M8 (M10) U ^{1/8} ~U ^{5/16} (U ^{3/8})	0	23	55
WF 1/JT 6 or JT 2	M3~M12 (M14) U ^{1/8} ~U ^{9/16} Pipe 1/8"~1/4"	1	32	65

Radial floating tapping unit WFP type

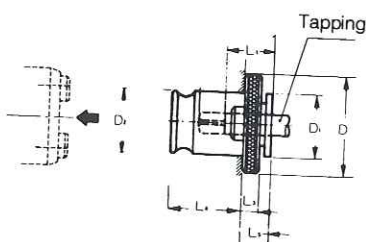


Specifications	Tapping Ability	Tapping Chuck Type	Radial Correction Floating Capacity	Outer Dia. D	Length L
WFP 0/JT 1	M3~M8 (M10) U ^{1/8} ~U ^{5/16} (U ^{3/8})	0	0.25	23	59
WFP 1/JT 2	M3~M12 (M14) U ^{1/8} ~U ^{9/16} Pipe 1/8"~1/4"	1	0.5	32	65
WFP 2/ MT 2, MT 3	M8~M22 U ^{3/8} ~U ^{7/8} Pipe 1/8"~1/2"	2	1	50	91
WFP 3/ MT 3	M16~M38 U ^{3/4} ~U ^{1 1/8} Pipe 1/2"~1 1/8"	3	1.5	72	132



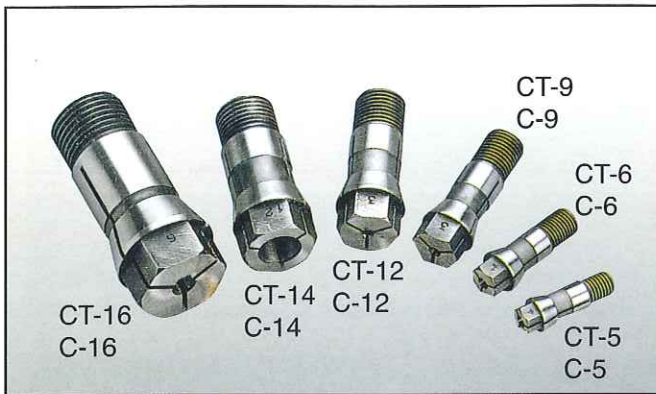
Specifications	Tapping Ability	Tapping Chuck Type	Radial Correction Floating Capacity	Outer Dia. D	Length L
WFP 0/JT 2	M3~M8 (M10) U ^{1/8} ~U ^{5/16} (U ^{3/8})	0	0.25	23	86
WFP 1/JT o JT 6	M3~M12 (M14) U ^{1/8} ~U ^{9/16} Pipe 1/8"~1/4"	1	0.5	32	100

Tapping chuck

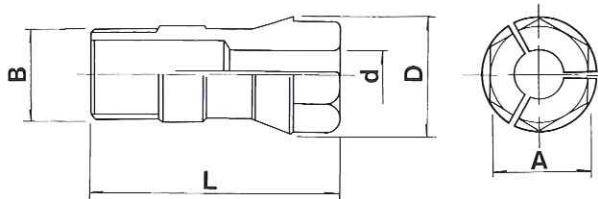


Specifications	Tapping Ability	Tapping Chuck Type	D	D1	D2	L1	L3	L4	L5
WE 0	M3~M8 (M10)	0	22	12.5	13	15	4	19.5	7
WE 1	M4~M12 (M14)	1	30	19	19	17	4	21.5	7
WE 2	M8~M22	2	48	30	31	30	5	35.5	11
WE 3	M16~M38	3	70	47	48	44	6	55.5	14

HEX. COLLET



For Drilling Remark: ϕ is shank dia. of drill

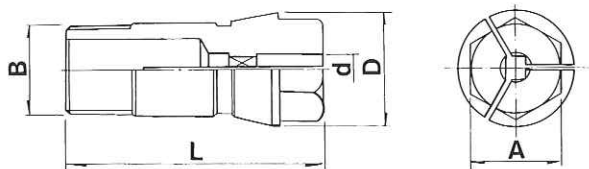


Model No.	ϕd mm Shank dia.	ϕD mm	L mm	B	A mm	Max. Clamping Ability mm
C-5	$\phi 2 \sim \phi 5$	$\phi 10.8$	31.5	5/16-24UNF	8	$\phi 5$
C-6	$\phi 2 \sim \phi 6$	$\phi 13.2$	34.5	3/8-24UNF	10	$\phi 6$
C-9	$\phi 2.5 \sim \phi 9$	$\phi 16.9$	45	1/2-20UNF	14	$\phi 9$
C-12	$\phi 3 \sim \phi 12$	$\phi 21.1$	50	5/8-18UNF	17	$\phi 12$
C-14	$\phi 5 \sim \phi 14$	$\phi 24$	53	3/4-16UNF	21	$\phi 14$
C-16	$\phi 5 \sim \phi 16$	$\phi 31$	70	M24x2.0	26	$\phi 16$

Tapping size table

Metric System	English System	English System	Dia. ϕ	Quadrangle \square
M3		W1/8	4	3.22
M4	M4.5	W5/32	5	4
M5	M5.5	W3/16	5.5	4.5
M6		U1/4	6	4.5
		W5/16	6.1	5
M8	M7		6.2	5
M10	M9	U3/8	7	5.5
	M11	W7/16	8	6
M12			8.5	6.5
		U1/2	9	7
	M14	W9/16	10.5	8
		U5/8	12	9
M16			12.5	10
	M17		13	10
M18		U3/4	14	11
M20		W3/4	15	12
M22		U7/8	17	13
M24	M25		19	15
M27	M26	U1	20	15
	M28		21	17
		U1 1/8	22	17
M30			23	17
	M32	U1 1/4	24	19
	M33		25	19
	M35	U1 3/8	26	21
M36	M34	W1 3/8	26	21
	M36		28	21
M39	M40	U1 1/2	30	23
			32	26
M42		W1 5/8	32	26
	M45	U1 3/4	35	26
M48		W1 7/8	38	29

For Tapping Remark: ϕ is shank dia. of tapping



Model No.	ϕd mm Shank dia.	ϕD mm	L mm	B	A mm	Max. Clamping Ability mm
CT-5	$\phi 2 \sim \phi 5$	$\phi 10.8$	31.5	5/16-24UNF	8	M5x0.8
CT-6	$\phi 2 \sim \phi 6$	$\phi 13.2$	34.5	3/8-24UNF	10	M6x1.0
CT-9	$\phi 2.5 \sim \phi 9$	$\phi 16.9$	45	1/2-20UNF	14	M8x1.25
CT-12	$\phi 3 \sim \phi 12$	$\phi 21.1$	50	5/8-18UNF	17	M12x1.75
CT-14	$\phi 5 \sim \phi 14$	$\phi 24$	53	3/4-16UNF	21	M16x2.0
CT-16	$\phi 5 \sim \phi 16$	$\phi 31$	70	M24x2.0	26	M20x2.0

PT	PS	PF	Dia. ϕ	Quadrangle \square
1/8	1/8	1/8	8	6
1/4	1/4	1/4	11	9
3/8	3/8	3/8	14	11
1/2	1/2	1/2	18	14
		5/8	19	15
3/4		3/4	23	17
		7/8	24	19
1	1	1	26	21
	1 1/8	1 1/8	28	21
1 1/4	1 1/4	1 1/4	32	26
1 3/8	1 3/8	1 3/8	35	26
1 1/2	1 1/2	1 1/2	38	29