

PENCIL GRINDERS / TURBO GRINDERS

TURBO GRINDERS

Super high speed operation provides a more precise finish. Ø3mm or Ø1/8" and Ø6mm or Ø1/4" collet sizes are available to suit the application.

MAX. DIAMETER OF ABRASIVES

Please use correct diameter of mounted points and carbide burrs for the speed.



TURBO-100



TURBO-100A

Mounted Point		Burr Head	
mm	in	mm	in
8	5/16	6	1/4

GLOBAL SPECIFICATIONS

Model	Collet Size		Throttle	Exhaust	Free Speed	Power		Overall Length		Weight		Max. Air Consumption		Air Hose Size	
	mm	in				min ⁻¹	W	hp	mm	in	kg	lb	m ³ /min	ft ³ /min	mm
TURBO-100 3	3	-	Roll Throttle	Front exhaust	80,000,100,000	50W	0.1	153	6.02	0.25	0.55	0.28	9.8	4	5/32
TURBO-100A 6	6	-	Roll Throttle	Front exhaust	80,000,100,000	50W	0.1	155	6.1	0.2	0.4	0.28	9.8	4	5/32

Air Inlet Thread Size: PT 1/8"

TOOL SELECTION GUIDE

STANDARD MODELS

Model	Collet Size	
	3 mm	6 mm
TURBO-100 3	541 205 6525	
TURBO-100A 6		541 205 6529

CE certified models

Model	Collet Size		
	3 mm	6 mm	1/4"
TURBO-100 3 EC	541 207 5665		
TURBO-100A 6 EC		541 207 5669	541 207 5668

For CE region availability of non CE models, please inquire to your Fuji representative.

NPT models

Model	Collet Size		
	3 mm	6 mm	1/4"
TURBO-100 3 N	541 205 6523		
TURBO-100A 6 N		541 205 6527	541 207 5668

For possibility of NPT inlet for other models, please inquire to your Fuji representative.

PENCIL GRINDER

Pencil Grinders are excellent tools for deburring, contouring and light grinding when used with a rotary burr. The small compact diameter, and light weight, aid precise application.



FG-06-1



FG-06S-1



MAX. DIAMETER OF ABRASIVES

Please use correct diameter of mounted points and carbide burrs for the speed.

Mounted Wheel		Burr Head	
mm	in	mm	in
10	3/8	6	1/4

GLOBAL SPECIFICATIONS

Model	Collet Size		Throttle	Exhaust	Free Speed	Power		Overall Length		Weight		Max. Air Consumption		Air Hose Size	
	mm	in				min ⁻¹	W	hp	mm	in	kg	lb	m ³ /min	ft ³ /min	mm
FG-06-1	3	-	Roll throttle	Rear exhaust	60,000	90	0.121	153	6.02	0.15	0.33	0.17	6	4	5/32
FG-06S-1	3	1/8	Roll throttle	Rear exhaust	60,000	90	0.121	166	6.54	0.13	0.29	0.17	5.97	4	5/32

TOOL SELECTION GUIDE

STANDARD MODELS

Model	Collet Size	
	3 mm	1/8"
FG-06-1	541 205 2686	
FG-06S-1	541 207 8461	541 210 2978

CE certified models

Model	Collet Size	
	3 mm	1/8"
FG-06S-1	541 210 3168	541 210 3008

For CE region availability of non CE models, please inquire to your Fuji representative.

NPT models

Model	Collet Size	
	3 mm	1/8"
FG-06S-1	541 210 2979	541 210 2980

For possibility of NPT inlet for other models, please inquire to your Fuji representative.

FG-12U SERIES

FG-12U series are featured with an ergonomic spindle design supported by double bearings and connected to the motor spindle via a coupling. Together with this design 40,000rpm of speed provide the high accuracy and low vibration. Best tools for grinding with carbide burrs.

MAX. DIAMETER OF ABRASIVES

Please use correct diameter of mounted points and carbide burrs for the speed.

Mounted Point		Burr Head	
mm	in	mm	in
13	1/2	8	5/16

REAR EXHAUST MODEL (WITH HOSE)



MAIN FEATURES

- High accuracy spindle, coupling, double bearing
- High speed 43000rpm
- Low vibration



FG-12U-2



FG-12U-1



FG-12UX-1

GLOBAL SPECIFICATIONS

Model	Collet Size		Free Speed min ⁻¹	Power		Overall Length		Weight		Max. Air Consumption		Air Hose Size	
	mm	in		W	hp	mm	in	kg	lb	m ³ /min	ft ³ /min	mm	in
FG-12U-1	6	-	43,000	130	0.177	188	7.4	0.6	1.3	0.3	10.6	6.3	1/4
FG-12U-2	3	-	43,000	130	0.177	190	7.48	0.6	1.3	0.3	10.6	6.3	1/4
FG-12UX-1	6	-	43,000	130	0.177	213	8.39	0.7	1.5	0.3	10.6	6.3	1/4
FG-12UX-2	6	-	43,000	130	0.177	211	8.3	0.7	1.5	0.3	10.6	6.3	1/4

TOOL SELECTION GUIDE

STANDARD MODELS

Model	Roll Throttle (-2)		Lever (-1)		Locking Lever (F)		
	Side exhaust (-)		Rear exhaust (X)	Side exhaust (-)	Rear exhaust (X)	Side exhaust (-)	Rear exhaust (X)
	3 mm	6 mm	6 mm	6 mm	6 mm	6 mm	
FG-12U-2	541 207 1410	541 205 2700					
FG-12U-1				541 205 2691		541 205 2696	
FG-12UX			541 205 2710		541 205 2704	541 205 2708	

CE certified models

Model	Roll Throttle (-2)	Lever (-1)	Locking Lever (F)	
	Rear exhaust (X)	Side exhaust (-)	Side exhaust (-)	Rear exhaust (X)
	6 mm	6 mm	6 mm	6 mm
FG-12U-1		541 207 1402	541 207 1405	
FG-12UX-1				541 207 1414
FG-12UX-2	541 207 1418			

For CE region availability of non CE models, please inquire to your Fuji representative.

NPT models

Model	Lever (-1)	Locking Lever (F)	
	Rear exhaust (X)	Side exhaust (-)	Rear exhaust (X)
	1/4"	6 mm	1/4"
FG-12U-1		541 207 1406	
FG-12UX-1	541 205 2703		541 205 2707

For possibility of NPT inlet for other models, please inquire to your Fuji representative.

Model	Roll Throttle (-2)		Lever (-1)		Locking Lever (F)		
	Side exhaust (-)		Rear exhaust (X)	Side exhaust (-)	Rear exhaust (X)	Side exhaust (-)	Rear exhaust (X)
	Collet Size		6 mm	6 mm	6 mm	6 mm	6 mm
FG-12U-2 3	541 207 1410 (3mm)						
FG-12U-2 6	541 205 2700 (6mm)						
FG-12U-1				541 205 2691		541 205 2696	
FG-12UX			541 205 2710		541 205 2704	541 205 2708	

DIE GRINDERS

FG-13 SERIES

FG-13 series feature compact and sturdy design with 30,000 rpm of speed. They are widely used for grinding and deburring with mounted points or carbide burrs.

MAX. DIAMETER OF ABRASIVES

Please use correct diameter of mounted points and carbide burrs for the speed

Mounted Point		Burr Head	
mm	in	mm	in
13	1/2	10	3/8



MAIN FEATURES

- Compact and sturdy body design
- Light weight



GLOBAL SPECIFICATIONS

Model	Collet Size		Free Speed min ⁻¹	Power		Overall Length		Weight		Max. Air Consumption		Air Hose Size	
	mm	in		W	hp	mm	in	kg	lb	m ³ /min	ft ³ /min	mm	in
FG-13-1	3	1/8	30,000	140	0.188	158	6.22	0.37	0.82	0.25	8.83	6.3	1/4
FG-13-10	3	1/8	30,000	140	0.188	158	6.22	0.37	0.82	0.25	8.83	6.3	1/4
FG-13X-1	3	1/8	30,000	140	0.188	183	7.2	0.4	0.9	0.25	8.83	6.3	1/4
FG-13X-10	3	1/8	30,000	140	0.188	183	7.2	0.4	0.9	0.21	7.4	6.3	1/4
FG-13-2	3	1/8	30,000	140	0.188	150	5.91	0.45	0.99	0.25	8.83	6.3	1/4
FG-13X-2	3	1/8	30,000	140	0.188	179	7.05	0.5	1.1	0.21	7.4	6.3	1/4
FG-13-1F	3	1/8	30,000	140	0.188	158	6.22	0.37	0.82	0.25	8.83	6.3	1/4
FG-13X-1F	3	-	30,000	140	0.188	183	7.2	0.4	0.9	0.25	8.83	6.3	1/4

TOOL SELECTION GUIDE

STANDARD MODELS

Model	Roll Throttle		Lever		Locking Lever (F)	
	Side exhaust (-)	Rear exhaust (X)	Side exhaust (-)	Rear exhaust (X)	Side exhaust (-)	Rear exhaust (X)
FG-13-2	3 mm	3 mm				
FG-13-20	541 205 2727					
FG-13-1			541 205 2712		541 205 2717	
FG-13-10			541 205 2721		541 205 2724	
FG-13X-2		541 205 2745				
FG-13X-20		541 205 2748				
FG-13X-1				541 205 2733		541 205 2736
FG-13X-10	541 205 2740					541 205 2742



CE certified models

Model	Roll Throttle		Locking Lever (F)		
	Side exhaust (-)		Side exhaust (-)		Rear exhaust (X)
FG-13-2	3 mm	1/8"	3 mm	1/8"	3 mm
FG-13-20	541 207 1426	541 207 1423			
FG-13-1		541 207 1427			
FG-13-10			541 207 1422		
FG-13-1			541 207 1421	541 207 1420	
FG-13X-1			541 207 1432		541 207 1431

For CE region availability of non CE models, please inquire to your Fuji representative.

NPT models

Model	Roll Throttle		Locking Lever (F)		
	Side exhaust (-)		Rear exhaust (X)	Side exhaust (-)	Rear exhaust (X)
FG-13-2	3 mm	1/8"	1/8"	1/8"	1/8"
FG-13-20	541 207 1424	541 205 2729			
FG-13-10	541 207 1428	541 205 2732			
FG-13-10				541 205 2726	
FG-13-1				541 205 2720	
FG-13X-10					541 205 2744
FG-13X-1					541 205 2739
FG-13X-20			541 205 2750		

For possibility of NPT inlet for other models, please inquire to your Fuji representative.

DIE GRINDERS

FG-26H SERIES

The FG-26H series features a high accuracy collet and spindle design to provide best in class run-out characteristics and low vibration, increasing life of abrasive. Suitable for both mounted point and carbide burr work. Extended models are also available for hard to reach applications

MAX. DIAMETER OF ABRASIVES

Please use correct diameter of mounted points and carbide burrs for the speed

Mounted Point		Burr Head	
mm	in	mm	in
25	1	13	1/2

COLLET BUSH (OPTION FOR 6MM COLLETS)



Please use it as an adapter when using 3 mm diameter mounted points

MAIN FEATURES

- High accuracy collet and spindle
- Low vibration
- Compact body and light weight



REAR EXHAUST MODEL (WITH HOSE)



GLOBAL SPECIFICATIONS

Model	Collet Size		Free Speed	Power		Overall Length		Weight		Max. Air Consumption		Air Hose Size	
	mm	in	min ⁻¹	W	hp	mm	in	kg	lb	m ³ /min	ft ³ /min	mm	in
FG-26H-1	6	1/4	24,000	240	0.322	161	6.34	0.5	1.1	0.5	17.7	9.5	3/8
FG-26H-2	6	-	24,000	240	0.322	152	5.98	0.52	1.15	0.52	18.4	9.5	3/8
FG-26H-2N	6	-	24,000	240	0.322	152	5.98	0.52	1.15	0.52	18.4	9.5	3/8
FG-26HX-2	6	-	24,000	240	0.322	188	7.4	0.53	1.17	0.5	17.7	9.5	3/8
FG-26H-1F	6	-	24,000	240	0.322	161	6.34	0.5	1.1	0.5	17.7	9.5	3/8
FG-26HX-1F	6	-	24,000	240	0.322	188	7.4	0.53	1.17	0.5	17.7	9.5	3/8
FG-26HL-2	6	1/4	24,000	240	0.322	263	10.35	0.67	1.48	0.5	17.7	9.5	3/8
FG-26HL-2N	6	-	24,000	240	0.322	273	10.7	0.72	1.6	0.5	14.1	9.5	3/8
FG-26HL-1F	6	1/4	24,000	220	0.3	283	11.1	0.65	1.4	0.5	14.1	9.5	3/8

TOOL SELECTION GUIDE

STANDARD MODELS

Model	Roll Throttle			Lever		Locking Lever (F)					
	Front exhaust (FE)	Side exhaust (-)	Rear exhaust (X)	Front exhaust (FE)	Side exhaust (-)	Front exhaust (FE)		Side exhaust (-)		Rear exhaust (X)	
	6 mm	6 mm	1/4"	6 mm	6 mm	6 mm	1/4"	6 mm	1/4"	6 mm	
FG-26H-2	541 206 0688	541 206 0688									
FG-26H-2N	541 206 0692	541 206 0690									
FG-26H-1				541 206 0709	541 206 0707	541 210 2809	541 210 2810	541 210 2807			
FG-26HX-1											541 210 2985
FG-26HX-2				541 210 2906							
FG-26HL-1F						541 210 2423		541 210 2422	541 210 2424		
FG-26HL-2	541 210 2416	541 210 2415	541 210 2417								
FG-26HL-2N	541 210 2421	541 210 2420									

CE certified models

Model	Roll Throttle		Locking Lever (F)				
	Side Exhaust (-)		Front exhaust (FE)		Side exhaust (-)		Rear exhaust (X)
	6 mm	1/4"	6 mm	1/4"	6 mm	1/4"	6 mm
FG-26H-1F			541 210 3000	541 210 3001	541 210 2998	541 210 2999	
FG-26HX-1F							541 210 3009 541 210 3010
FG-26HL-2	541 210 3156	541 210 3157					
FG-26HL-1F					541 210 3158	541 210 3159	

For CE region availability of non CE models, please inquire to your Fuji representative.

NPT models

Model	Roll Throttle		Lever		Locking Lever (F)	
	Side exhaust (-)	Rear exhaust (X)	Side Exhaust (-)	Rear exhaust (X)	Side Exhaust (-)	Rear exhaust (X)
	1/4"	1/4"				
FG-26H-2	541 210 2899					
FG-26HX-1		541 210 2984				541 210 2986
FG-26HL-2	541 210 2418					
FG-26HL-1F					541 210 2425	

For possibility of NPT inlet for other models, please inquire to your Fuji representative.

DIE GRINDERS

FG-50H SERIES

The FG-50H series features a high accuracy collet and spindle design to provide best in class run-out characteristics and low vibration, increasing life of abrasive. The higher power makes the tools especially suitable for carbide burr applications.

MAIN FEATURES

- High accuracy collet and spindle
- Low noise and vibration
- Compact but sturdy body and light weight
- Suitable for carbide burr applications

MAX. DIAMETER OF ABRASIVES

Please use correct diameter of mounted points and carbide burrs for the speed

Mounted Point		Burr Head	
mm	in	mm	in
32	1 1/4	22	7/8

COLLET BUSH (OPTION FOR 6MM COLLETS)



Please use it as an adapter when using 3 mm diameter mounted points

REAR EXHAUST MODEL (WITH HOSE)




FG-50H-2



FG-50H-1



FG-50HX-2



FG-50HX-1F

GLOBAL SPECIFICATIONS

Model	Collet Size		Free Speed min ⁻¹	Power		Overall Length		Weight		Max. Air Consumption		Air Hose Size	
	mm	in		W	hp	mm	in	kg	lb	m ³ /min	ft ³ /min	mm	in
FG-50H-1	6	-	18,000	340	0.456	187	7.4	0.7	1.5	0.43	15.2	9.5	3/8
FG-50HX-1F	6	1/4	18,000	340	0.456	210	8.3	0.7	1.5	0.43	15.2	9.5	3/8
FG-50H-2	6	1/4	18,000	340	0.456	176	6.7	0.8	1.8	0.43	15.2	9.5	3/8
FG-50H-2N	6	-	18,000	340	0.456	185	7.3	0.8	1.8	0.43	15.2	9.5	3/8
FG-50HX-2	6	-	18,000	340	0.456	214	8.4	0.9	1.9	0.43	15.2	9.5	3/8
FG-50H-3 6 FE	6	-	15,000	340	0.456	176	6.7	0.8	1.8	0.43	15.2	9.5	3/8

TOOL SELECTION GUIDE

STANDARD MODELS

Model	Roll Throttle			Lever		Locking Lever (F)		
	Front exhaust (FE)	Side exhaust (-)		Rear exhaust (X)	Side exhaust (-)	Rear exhaust (X)	Side exhaust (-)	Rear exhaust (X)
	6 mm	6 mm	1/4"	6 mm	6 mm	6 mm	6 mm	1/4"
FG-50H-1					541 210 3211		541 210 3213	
FG-50HX-1						541 210 3216		541 210 3217 541 210 3218
FG-50H-2	541 210 3203	541 210 3202	541 210 3204					
FG-50HX-2				541 210 3220				
FG-50H-2N	541 210 3210	541 210 3209						
FG-50H-3	541 210 4427							

CE certified models

Model	Locking Lever (F)		
	Side exhaust (-)	Rear exhaust (X)	
	6 mm	6 mm	1/4"
FG-50H-1	541 210 3227		
FG-50HX-1		541 210 3229	541 210 3230

For CE region availability of non CE models, please inquire to your Fuji representative.

NPT models

Model	Roll Throttle	Locking Lever (F)			
	Side exhaust (-)	Side exhaust (-)		Rear exhaust (X)	
	1/4"	6 mm	1/4"	6 mm	1/4"
FG-50H-2	541 210 3205				
FG-50H-1		541 210 3214	541 210 3215		
FG-50HX-1				541 210 3228	541 210 3219

For possibility of NPT inlet for other models, please inquire to your Fuji representative.

LOW SPEED GRINDERS

These powerful Grinders are designed with a gear reduction mechanism and speed control governor to maintain the power and rotational speed. Their light weight and compact design make them excellent for polishing, grinding, paint removal and can be used with non-woven cloth, brushes, flap wheels and buffs.

GRINDING WHEEL MODELS FOR TYPE 1



FG-3H-6



FG-4VA-1, 2



FG-3VX-2F, 3F

GLOBAL SPECIFICATIONS

Model	Max Dia. (wheel size)		Exhaust	Free Speed	Power		Spindle	Overall Length		Weight		Max. Air Consumption		Air Hose Size	
	mm	in			min ⁻¹	W		hp	mm	in	kg	lb	m ³ /min	ft ³ /min	mm
FG-3VX-3F	125 x 19 x 9.5	5 x 3/4 x 3/8	—	7600	279	0.4	W3/8-16	316	12.4	1.4	3.08	0.47	16.60	9.5	3/8
FG-3VX-2F	75 x 19 x 9.5	3 x 3/4 x 3/8	—	9500	294	0.4	W3/8-16	316	12.4	1.4	3.08	0.47	16.60	9.5	3/8
FG-3H-6	65 x 25 x 9.53	2-1/2 x 1 x 3/8	Side exhaust	9700	520	0.7	W3/8-16	329	13	1.5	3.3	0.55	19.40	9.5	3/8
FG-4VA-1	75 x 13 x 9.53	3 x 1/2 x 3/8	Side exhaust	7500	470	0.6	W3/8-16	385	15.2	2.3	5.07	0.90	31.80	12.7	1/2
FG-4VA-2	100 x 19 x 12.7	4 x 3/4 x 1/2	Side exhaust	6300	470	0.6	W1/2-12	391	15.4	2.3	5.07	0.90	31.80	12.7	1/2

TOOL SELECTION GUIDE

STANDARD MODELS

Model	Side exhaust (-)	Rear exhaust (X)
	Roll Throttle	Locking Lever
FG-4VA-1	541 205 2861	
FG-4VA-2	541 205 2862	
FG-3H-6	541 205 2833	
FG-3VX-3F		541 205 2844
FG-3VX-2F		541 205 2842

CE certified models

Model	Rear exhaust (X)
	Locking Lever
FG-3VX-3F	541 207 1534
FG-3VX-2F	541 207 1533

For CE region availability of non CE models, please inquire to your Fuji representative.

COLLET MODELS



FG-2VX-1F



FG-3VX-1F, 6F

GLOBAL SPECIFICATIONS

Model	Collet Size		Exhaust	Free Speed	Power		Spindle	Overall Length		Weight		Max. Air Consumption		Air Hose Size	
	mm	in			min ⁻¹	W		hp	mm	in	kg	lb	m ³ /min	ft ³ /min	mm
FG-2VX-1F	6	1/4	—	4300	350	0.258	3/8-24UNF	216	8.5	0.9	1.98	0.34	12	9.5	3/8
FG-3VX-1F	6	-	—	7600	279	0.4	W3/8-16	331	13	1.4	3.08	0.45	15.90	9.5	3/8
FG-3VX-6F	6	-	—	12000	294	0.4	W3/8-16	331	13	1.4	3.08	0.47	16.60	9.5	3/8

TOOL SELECTION GUIDE

STANDARD MODELS

Model	Locking Lever
	6 mm
FG-2VX-1F	541 205 2753
FG-3VX-1F	541 205 2841
FG-3VX-6F	541 205 2848

CE certified models

Model	Locking Lever	
	6 mm	1/4"
FG-2VX-1F	541 207 1503	541 207 1502
FG-3VX-1F	541 207 1532	
FG-3VX-6F	541 207 1536	

For CE region availability of non CE models, please inquire to your Fuji representative.

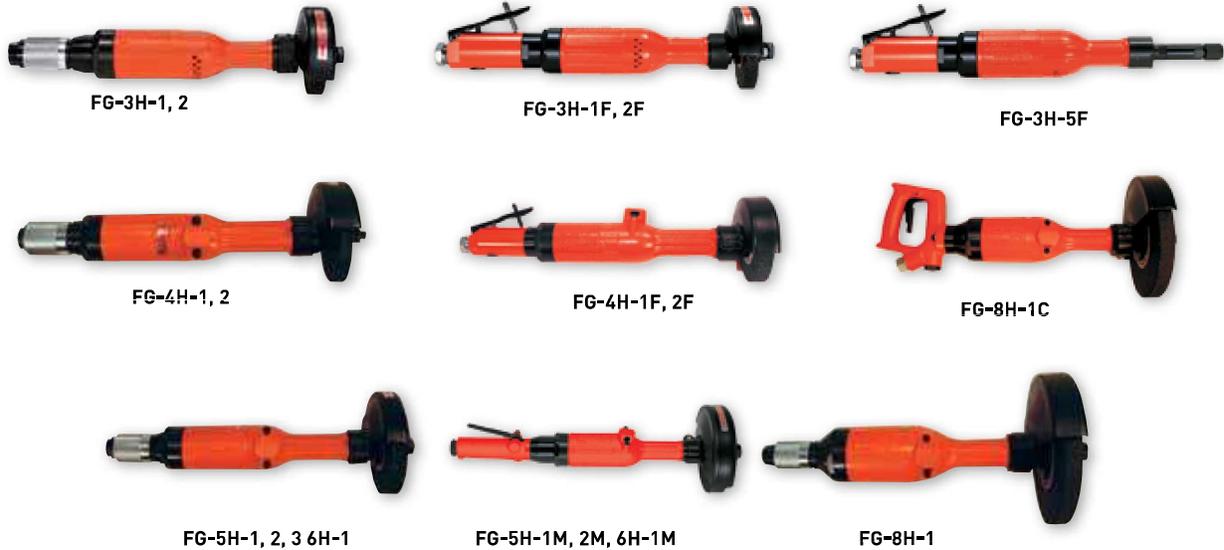
NPT models

Model	Locking Lever
	6 mm
FG-2VX-1F	541 205 2752

For possibility of NPT inlet for other models, please inquire to your Fuji representative.

STRAIGHT GRINDERS

All Fuji grinders are designed and produced using Fuji's latest grinder technology. Fuji straight grinders are equipped with centrifugal speed control governors, noise reducing design. These standard features assure high performance and smooth operation.



GLOBAL SPECIFICATIONS

Model	Max. Dia. (Grinding Wheel)		Collet Size		Exhaust	Free Speed min ⁻¹	Power		Spindle	Overall Length		Weight		Max. Air Consumption		Air Hose Size	
	mm	in	mm	in			W	hp		mm	in	kg	lb	m ³ /min	ft ³ /min	mm	in
FG-3H-1	65 x 13 x 9.53	2-1/2 x 1/2 x 3/8	-	-	Side exhaust	14600	520	0.7	W3/8-16	317	12.5	1.5	3.31	0.55	19.40	9.5	3/8
FG-3H-1F	65 x 13 x 9.53	2-1/2 x 1/2 x 3/8	-	-	Side exhaust	14600	520	0.7	W3/8-16	342	13.5	1.7	3.7	0.55	19.40	9.5	3/8
FG-3H-2	75 x 13 x 9.53	3 x 1/2 x 3/8	-	-	Side exhaust	12700	520	0.7	W3/8-16	317	12.5	1.5	3.3	0.55	19.40	9.5	3/8
FG-3H-2F	75 x 13 x 9.53	3 x 1/2 x 3/8	-	-	Side exhaust	12700	520	0.7	W3/8-16	342	13.5	1.7	3.75	0.55	19.40	9.5	3/8
FG-4H-1	100 x 19 x 9.53	4 x 3/4 x 3/8	-	-	Side exhaust	9500	690	0.9	W3/8-16	385	15.2	2.1	4.63	0.80	28.30	12.7	1/2
FG-4H-1F	100 x 19 x 9.53	4 x 3/4 x 3/8	-	-	Side exhaust	9500	690	0.9	W3/8-16	408	16.1	2.3	5.1	0.80	28.30	12.7	3/8
FG-4H-2	100 x 19 x 12.7	4 x 3/4 x 1/2	-	-	Side exhaust	9500	690	0.9	W1/2-12	391	15.4	2.1	4.63	0.80	28.30	12.7	1/2
FG-4H-2F	100 x 19 x 12.7	4 x 3/4 x 1/2	-	-	Side exhaust	9500	690	0.9	W1/2-12	414	16.3	2.3	5.07	0.80	28.30	12.7	1/2
FG-5H-1	125 x 19 x 12.7	5 x 3/4 x 1/2	-	-	Side exhaust	7600	960	1.3	W1/2-12	405	15.9	2.7	5.95	1.00	35.30	12.7	1/2
FG-5H-1M	125 x 19 x 12.7	5 x 3/4 x 1/2	-	-	Side exhaust	7600	960	1.3	W1/2-12	506	19.9	2.5	5.5	1.00	35.30	12.7	1/2
FG-5H-2	125 x 19 x 15.8	5 x 3/4 x 5/8	-	-	Side exhaust	7600	960	1.3	5/8-11 UNC	410	16.1	2.76	6.09	1.00	35.30	12.7	1/2
FG-5H-2M	125 x 19 x 15.8	5 x 3/4 x 5/8	-	-	Side exhaust	7600	960	1.3	5/8-11 UNF	511	20.1	2.5	5.5	1.00	35.30	12.7	1/2
FG-8H-1C	205 x 25 x 15.8	8 x 1 x 5/8	-	-	Side exhaust	4600	1471	2	5/8-11 UNF	538	21.2	5.6	12.3	1.60	56.50	12.7	1/2
FG-8H-2	180 x 25 x 15.8	7 x 1 x 5/8	-	-	Side exhaust	5300	1618	2.2	5/8-11 UNF	472	18.6	5.3	11.9	1.80	63.50	12.7	1/2
FG-8H-2M	180 x 25 x 15.8	7 x 1 x 5/8	-	-	Side exhaust	5300	1618	2.2	5/8-11 UNF	556	21.9	5.4	12.1	1.80	63.50	12.7	1/2
FG-8H-3	150 x 25 x 15.8	6 x 1 x 5/8	-	-	Side exhaust	6300	960	1.3	5/8-11 UNF	421	16.6	2.8	6.16	0.90	31.80	12.7	1/2
FG-6H-1M	150 x 25 x 15.8	6 x 1 x 5/8	-	-	Side exhaust	6300	1040	1.4	5/8-11 UNC	531	20.9	3.4	7.5	1.20	42.40	12.7	1/2
FG-3H-5	-	-	6	1/4	Side exhaust	14600	520	0.7	3/8-24UNF	342	13.5	1.26	2.78	0.55	19.40	9.5	3/8
FG-3H-5F	-	-	6	1/4	Side exhaust	14600	520	0.7	3/8-24UNF	367	14.4	1.46	3.22	0.55	19.40	9.5	3/8

TOOL SELECTION GUIDE

STANDARD MODELS

Model	Throttle	
	Roll Throttle	Locking Lever (F or M)
FG-3H-1	541 205 2818	541 205 2821
FG-3H-2	541 205 2823	541 205 2825
FG-4H-1	541 205 2849	541 205 2851
FG-4H-2	541 205 2853	541 205 2855
FG-5H-1	541 205 2864	541 205 2866
FG-5H-2	541 205 2868	541 205 2870
FG-5H-3	541 207 1604	
FG-6H-1	541 207 1623	541 207 1625
FG-8H-1	541 205 2944	
FG-8H-1C		541 205 2946
FG-8H-2	541 205 2950	541 205 2951
FG-3H-5	541 205 2828	

CE certified models

Model	Throttle	
	Roll Throttle	Locking Lever (F or M)
FG-3H-1F	541 207 1511	
FG-3H-2F	541 207 1512	
FG-4H-1F	541 207 1538	
FG-4H-2F	541 207 1539	
FG-5H-1M	541 207 1600	
FG-5H-2M	541 207 1602	
FG-6H-1M	541 207 1626	
FG-8H-1M	541 207 1631	
FG-8H-2M	541 207 1633	
FG-3H-5F (6 mm)	541 207 1519	
FG-3H-5F (1/4")	541 207 1518	

For CE region availability of non CE models, please inquire to your Fuji representative.

NPT models

Model	Throttle	
	Roll Throttle	Locking Lever (F or M)
FG-3H-1 N	541 205 2819	541 205 2820
FG-3H-2F N		541 205 2826
FG-4H-1 N	541 205 2850	
FG-4H-2F N		541 205 2856
FG-5H-1M N		541 205 2867
FG-5H-2M N		541 205 2871
FG-6H-1 N	541 205 2940	541 207 1627
FG-8H-1M N		541 207 1632
FG-3H-5 (1/4")	541 205 2827	541 205 2831

For possibility of NPT inlet for other models - Please inquire to your Fuji representative.

EXTENDED GRINDERS

GRINDING WHEEL MODELS FOR TYPE 1



FG-50L-1



FG-50Y-1



FG-3HL-1



FG-3HY-1



FG-4HL-1



FG-5HL-1~13

GLOBAL SPECIFICATIONS

Model	Max Dia. (wheel Size)		Exhaust	Free Speed min ⁻¹	Power		Spindle	Overall Length		Weight		Max. Air Consumption		Air Hose Size	
	mm	in			W	hp		mm	in	kg	lb	m ³ /min	ft ³ /min	mm	in
FG-50L-1	50 x 13 x 9.53	2 x 1/2 x 3/8	Side exhaust	18000	294	0.4	W3/8-16	307	12.1	1.4	3.08	0.43	15.20	9.5	3/8
FG-50L-1BF	50 x 13 x 9.53	2 x 1/2 x 3/8	Side exhaust	18000	294	0.4	W3/8-16	316	12.4	1.4	3.08	0.43	15.20	9.5	3/8
FG-50Y-1	50 x 13 x 9.53	2 x 1/2 x 3/8	Side exhaust	18000	294	0.4	W3/8-16	523	20.6	2	4.4	0.43	15.20	9.5	3/8
FG-50Y-1BF	50 x 13 x 9.53	2 x 1/2 x 3/8	Side exhaust	18000	294	0.4	W3/8-16	532	20.9	2	4.4	0.43	15.20	9.5	3/8
FG-3HL-1	65 x 13 x 9.53	2-1/2 x 1/2 x 3/8	Side exhaust	12000	520	0.7	W3/8-16	522	20.6	1.8	3.97	0.55	19.40	9.5	3/8
FG-3HL-1F	65 x 13 x 9.53	2-1/2 x 1/2 x 3/8	Side exhaust	12000	520	0.7	W3/8-16	547	21.5	1.9	4.2	0.55	19.40	9.5	3/8
FG-3HY-1	65 x 13 x 9.53	2-1/2 x 1/2 x 3/8	Side exhaust	12000	520	0.7	W3/8-16	702	27.6	2.3	5.1	0.55	19.40	9.5	3/8
FG-4HL-1	75 x 19 x 9.53	3 x 3/4 x 3/8	Side exhaust	12000	690	0.9	W3/8-16	585	23	2.7	5.95	0.80	28.30	12.7	1/2
FG-4HL-1F	75 x 19 x 9.53	3 x 3/4 x 3/8	Side exhaust	12000	690	0.9	W3/8-16	615	24.2	2.6	5.7	0.80	28.30	12.7	1/2
FG-5HL-1	75 x 19 x 12.7	3 x 3/4 x 1/2	Side exhaust	12000	960	1.3	W1/2-12	953	37.5	5.3	11.6	1.00	35.30	12.7	1/2
FG-5HL-2	100 x 19 x 12.7	4 x 3/4 x 1/2	Side exhaust	9000	960	1.3	W1/2-12	953	37.5	5.3	11.7	1.00	35.30	12.7	1/2
FG-5HL-2M	100 x 19 x 12.7	4 x 3/4 x 1/2	Side exhaust	9000	960	1.3	W1/2-12	1050	41.3	5.4	11.9	1.00	35.30	12.7	1/2
FG-5HL-11	75 x 19 x 9.53	3 x 3/4 x 3/8	Side exhaust	12000	960	1.3	W3/8-16	599	23.6	3.3	7.26	1.00	35.30	12.7	1/2
FG-5HL-13	100 x 16 x 12.7	4 x 5/8 x 1/2	Side exhaust	9000	960	1.3	W3/8-16	599	23.6	3.3	7.26	1.00	35.30	12.7	1/2

TOOL SELECTION GUIDE

STANDARD MODELS

Model	Throttle	
	Roll Throttle	Locking Lever (BF or M)
FG-50L-1 E	541 205 2924	541 205 2926
FG-50Y-1 E	541 205 2937	541 205 2939
FG-3HL-1	541 205 2834	541 205 2836
FG-3HY-1	541 205 2838	
FG-4HL-1	541 205 2857	541 205 2859
FG-5HL-1	541 205 2872	
FG-5HL-2	541 205 2874	541 205 2876
FG-5HL-11	541 207 1605	
FG-5HL-13	541 207 1607	

CE certified models

Model	Throttle
	Locking Lever (BF or M)
FG-3HL-1F	541 207 1527
FG-4HL-1F	541 207 1544
FG-50L-1BF	541 207 1586
FG-50Y-1BF	541 207 1596
FG-5HL-2M	541 207 1612

For CE region availability of non CE models, please inquire to your Fuji representative.

NPT models

Model	Throttle	
	Roll Throttle	Locking Lever (BF or M)
FG-50L-1BF		541 205 2925
FG-50Y-1BF		541 205 2938
FG-3HL-1	541 205 2835	541 205 2837
FG-4HL-1	541 205 2858	541 205 2860
FG-5HL-2M		541 207 1613

For possibility of NPT inlet for other models, please inquire to your Fuji representative.

EXTENDED GRINDERS

ROLL THROTTLE MODELS FOR INNER GRINDING



FG-50L-1A



FG-50Y-1A



FG-3HL-1A



FG-3HY-1A



FG-4HL-1A



FG-5HL-1A~13A

GLOBAL SPECIFICATIONS

Model	Part Number	Max. Dia. (Grinding Wheel)		Free Speed min ⁻¹	Spindle in	Power		Overall Length		Weight		Max. Air Consumption		Air Hose Size	
		mm	in			W	hp	mm	in	kg	lb	m ³ /min	ft ³ /min	mm	in
FG-5HL-11A	541 207 1606	75 x 19 x 9.53	3 x 3/4 x 3/8	12000	W3/8-16	960	1.3	599	23.6	3	6.6	1.00	35.30	12.7	1/2
FG-5HL-13A	541 207 1608	100 x 16 x 12.7	4 x 5/8 x 1/2	9000	W3/8-16	960	1.3	599	23.6	3	6.6	1.00	35.30	12.7	1/2
FG-5HL-1A	541 207 1610	75 x 19 x 12.7	3 x 3/4 x 1/2	12000	W1/2-12	960	1.3	953	37.5	5	11	1.00	35.30	12.7	1/2
FG-5HL-2A	541 207 1611	100 x 19 x 12.7	4 x 3/4 x 1/2	9000	W1/2-12	960	1.3	953	37.5	5	11	1.00	35.30	12.7	1/2
FG-4HL-1A	541 207 1543	75 x 19 x 9.53	3 x 3/4 x 3/8	12000	W3/8-16	690	0.9	585	23	2.5	5.51	0.80	28.30	12.7	1/2
FG-3HL-1A	541 207 1526	65 x 13 x 9.53	2-1/2 x 1/2 x 3/8	12000	W3/8-16	520	0.7	522	20.6	1.8	3.97	0.55	19.40	9.5	3/8
FG-3HY-1A	541 207 1529	65 x 13 x 9.53	2-1/2 x 1/2 x 3/8	12000	W3/8-16	520	0.7	702	27.6	2.2	4.84	0.55	19.40	9.5	3/8
FG-50L-1A	541 207 1584	50 x 13 x 9.53	2 x 1/2 x 3/8	18000	W3/8-16	294	0.4	307	12.1	1.3	2.86	0.43	15.20	9.5	3/8
FG-50Y-1A	541 207 1594	50 x 13 x 9.53	2 x 1/2 x 3/8	18000	W3/8-16	294	0.4	523	20.6	1.9	4.18	0.43	15.20	9.5	3/8

Air Inlet Thread Size: PT 3/8" except FG-50L-1A, FG-50Y-1A: 1/4"



ANGLE GRINDERS

2" ANGLE GRINDERS COLLET MODELS

FA-2C series are featured with a compact body and sturdy structure. The series is a defact standard of small grinding. There are collet models FA-2C-2 & 30 and 2" grinding wheel models FA-2C-1

MAX. DIAMETER OF ABRASIVES

Please use correct diameter of mounted points and carbide burrs for the speed

Mounted Point		Burr Head	
mm	in	mm	in
32	1 1/4	22	7/8



FA-2C-30



FA-2C-30F



FA-2CX-30F

GLOBAL SPECIFICATIONS

Model	Collet Size		Free Speed min ⁻¹	Power		Spindle	Overall Length		Weight		Max. Air Consumption		Air Hose Size	
	mm	in		W	hp		mm	in	kg	lb	m ³ /min	ft ³ /min	mm	in
FA-2C-2	6	-	15,000	265	0.36	3/8-24UNF	157	6.20	0.6	1.3	0.4	14.12	9.5	3/8
FA-2C-2BF	6	-	15,000	265	0.36	3/8-24UNF	188	7.40	0.7	1.5	0.4	14.12	9.5	3/8
FA-2CX-2	6	-	15,000	265	0.36	3/8-24UNF	197	7.80	0.7	1.5	0.4	14.12	9.5	3/8
FA-2CX-2BF	6	-	15,000	265	0.36	3/8-24UNF	226	8.90	1	2.2	0.4	14.12	9.5	3/8
FA-2C-30	6	-	15,000	265	0.36	M8	157	6.20	0.6	1.4	0.4	14.12	9.5	3/8
FA-2C-30F	6	-	15,000	245	0.33	M8	188	7.40	0.7	1.5	0.4	14.12	9.5	3/8
FA-2CX-30	6	-	15,000	245	0.33	M8	197	0.80	0.8	1.7	0.4	14.12	9.5	3/8
FA-2CX-30F	6	-	15,000	245	0.33	M8	188	7.40	0.8	1.7	0.4	14.12	9.5	3/8

TOOL SELECTION GUIDE

STANDARD MODELS

Model	Roll Throttle				Locking Lever (BF or F)			
	Side exhaust (-)		Rear exhaust (X)		Side exhaust (-)		Rear exhaust (X)	
	6 mm	1/4"	6 mm	1/4"	6 mm	1/4"	6 mm	1/4"
FA-2C-2	541 205 2250	541 205 2251						
FA-2C-2BF						541 207 1080		
FA-2CX-2			541 205 2270					
FA-2CX-2BF							541 207 1093	541 205 2274
FA-2C-30	541 210 3160				541 210 3534			
FA-2CX-30 6	541 210 3536				541 210 3537			

CE certified models

Model	Locking Lever (BF or F)			
	Side exhaust (-)		Rear exhaust (X)	
	6 mm	1/4"	6 mm	1/4"
FA-2C-2BF	541 207 1082	541 207 1081		
FA-2CX-2BF			541 207 1095	541 207 1094
FA-2C-30F	541 210 3535			
FA-2CX-30F			541 210 3538	

For CE region availability of non CE models, please inquire to your Fuji representative.

NPT models

Model	Roll Throttle		Locking Lever (BF or F)	
	Side exhaust (-)			
	6 mm	1/4"	1/4"	1/4"
FA-2C-2		541 205 2249		
FA-2C-2BF			541 205 2253	
FA-2C-30	541 210 3533			
FA-2CX-2BF				541 205 2272

For possibility of NPT inlet for other models, please inquire to your Fuji representative.

ANGLE GRINDERS

2" ANGLE GRINDERS - GRINDING WHEEL MODELS

MAX. DIAMETER OF GRINDING WHEELS - TYPE 27

Please use correct diameter of grinding wheels for the speed

Grinding Wheel	
mm	in
50	2



FA-2C-1



FA-2CX-1



FA-2CX-1BF

GLOBAL SPECIFICATIONS

Model	Max Dia. (wheel Size)		Free Speed	Power		Spindle	Overall Length		Weight		Max. Air Consumption		Air Hose Size	
	mm	in		W	hp		mm	in	kg	lb	m ³ /min	ft ³ /min	mm	in
FA-2C-1	50 x 4 x 9.5	2 x 5/32 x 3/8	15,000	265	0.36	1/4-28UNF	157	6.20	0.6	1.3	0.4	14.12	9.5	3/8
FA-2C-1BF	50 x 4 x 9.5	2 x 5/32 x 3/8	15,000	265	0.36	1/4-28UNF	188	7.40	0.7	1.5	0.4	14.12	9.5	3/8
FA-2CX-1	50 x 4 x 9.5	2 x 5/32 x 3/8	15,000	265	0.36	1/4-28UNF	197	7.80	0.7	1.5	0.4	14.12	9.5	3/8
FA-2CX-1BF	50 x 4 x 9.5	2 x 5/32 x 3/8	15,000	265	0.36	1/4-28UNF	226	8.90	1	2.2	0.4	14.12	9.5	3/8

TOOL SELECTION GUIDE

STANDARD MODELS

Model	Roll Throttle		Locking Lever (BF)	
	Side exhaust (-)	Rear exhaust (X)	Side exhaust (-)	Rear exhaust (X)
FA-2C-1	541 205 2244		541 205 2246	
FA-2CX-1		541 205 2265		541 205 2267

CE certified models

Model	Locking Lever (BF)	
	Side exhaust (-)	Rear exhaust (X)
FA-2C-1	541 207 1076	
FA-2CX-1		541 207 1091

For CE region availability of non CE models, please inquire to your Fuji representative.

NPT models

Model	Roll Throttle		Locking Lever (BF)	
	Side exhaust (-)	Rear exhaust (X)	Side exhaust (-)	Rear exhaust (X)
FA-2C-1	541 205 2245		541 205 2247	
FA-2CX-1		541 205 2266		541 205 2268

For possibility of NPT inlet for other models, please inquire to your Fuji representative.

ANGLE GRINDERS

4" ANGLE GRINDERS

There are three main ranges of 4" grinders, all designed for robustness and performance in demanding environments. The FA-30 features a small form factor and low weight. A versatile grinder that is very efficient for hard to access applications or non-horizontal work.

The FA-4C is air efficient and a great choice where there are limitations to air supply. Suitable for a variety of applications. The FA-40 features high power and is especially suitable for tough applications such as aluminum grinding but offers high removal rates over all areas.

Each series is available in a variety of handle configurations. The FA-30 also has rear exhaust versions.

MAX. DIAMETER AND HOLE SIZE OF GRINDING WHEELS - TYPE 27

Please use correct diameter of grinding wheels for the speed. Also select the correct hole size.

Grinding Wheel ϕ		Grinding Wheel Hole Size	
mm	in	mm	in
100	4	15	5/8 (15.8mm)



FA-30-2

**SMALL FORM FACTOR
LIGHT WEIGHT
490W/0.66HP - 1.2KG**



FA-4C-1

**AIR EFFICIENT WORKHORSE
550W/0.74HP - 1.8KG**



FA-40-1

**HIGH POWER
1000W/1.34HP - 1.9KG**



FA-3CK-2

**VERTICAL APPLICATION
SPECIALIST - 120° ANGLE
290W/0.4HP - 1.2KG**

GLOBAL SPECIFICATIONS

Model	Max Dia. (wheel Size)		Exhaust	Free Speed	Power		Spindle	Overall Length		Weight		Max. Air Consumption		Air Hose Size	
	mm	in			min ⁻¹	W		hp	mm	in	kg	lb	m ³ /min	ft ³ /min	mm
FA-30-2	100 x 6 x 15	4 x 1/4 x 0.591	Side exhaust	13,500	490	0.66	M8	181	7.10	1.2	2.6	0.68	24	9.5	3/8
FA-30X-2	100 x 6 x 15	4 x 1/4 x 0.591	Rear exhaust	13,500	440	0.60	M8	209	8.20	1.2	2.6	0.68	24	9.5	3/8
FA-30X-2F	100 x 6 x 15.8	4 x 1/4 x 5/8	Rear exhaust	13,500	440	0.60	M8	219	8.60	1.2	2.6	0.68	24	9.5	3/8
FA-3CK-2	100 x 6 x 15	4 x 1/4 x 0.591	Side exhaust	13,500	290	0.39	M8	164	6.50	1.2	2.6	0.4	14.12	9.5	3/8
FA-40-1	100 x 6 x 15	4 x 1/4 x 0.591	Side exhaust	13,500	1000	1.34	M8	208	8.20	1.9	4.19	1	35.31	9.5	3/8
FA-40-1F	100 x 6 x 15.8	4 x 1/4 x 5/8	Side exhaust	13,500	1000	1.34	M8	247	9.70	1.9	4.19	1	35.31	9.5	3/8
FA-4C-1	100 x 6 x 15	4 x 1/4 x 0.591	Side exhaust	13,500	550	0.74	M8	210	8.30	1.8	3.97	0.55	19.42	9.5	3/8
FA-4C-1F	100 x 6 x 15.8	4 x 1/4 x 5/8	Side exhaust	13,500	550	0.74	M8	240	9.40	1.9	4.19	0.55	19.42	9.5	3/8
FA-4C-3	100 x 6 x 15	4 x 1/4 x 0.591	Side exhaust	13,500	550	0.74	M8	210	8.30	1.8	3.97	0.55	19.42	9.5	3/8

TOOL SELECTION GUIDE

STANDARD MODELS

Model	Roll Throttle				Locking Lever (F)	
	Wheel Hole Size				Wheel Hole Size	
	15 mm	15 mm Rear Exhaust	5/8"	5/8" Rear Exhaust	15 mm	5/8"
FA-30-2	541 210 3603		541 210 3604			541 210 4048
FA-30X-2		541 210 4050		541 210 4051		
FA-3CK-2	541 207 1111		541 205 2291			
FA-40-1	541 207 1118		541 207 1119		541 207 1120	
FA-4C-1	541 207 1122		541 205 2301		541 205 2304	
FA-4C-3	541 205 2307					

CE certified models

Model	Locking Lever (F)		
	Wheel Hole Size		
	15 mm	5/8"	5/8" Rear Exhaust
FA-30-2		541 210 4049	
FA-30X-2			541 210 4053
FA-40-1	541 210 3011		
FA-4C-1	541 207 1125		

For CE region availability of non CE models. Please inquire to your Fuji representative.

NPT models

Model	Roll Throttle		Locking Lever (F)		
	Wheel Hole Size		Wheel Hole Size		
	5/8"	5/8" Rear Exhaust	15 mm	5/8"	5/8" Rear Exhaust
FA-30-2				541 210 4316	
FA-30X-2		541 210 4317			541 210 4318
FA-40-1	541 210 2869		541 210 2870		
FA-4C-1	541 205 2302		541 205 2303		

For possibility of NPT inlet for other models, please inquire to your Fuji representative.

ANGLE GRINDERS

5" ANGLE GRINDERS

There are 2 ranges of 5" angle grinders, FA-5C (790W, 1.06hp) and FA-5E with higher power (956W, 1.28hp) and lower profile body. These models are available with variety of speed, spindle, and handle configurations.

MAX. DIAMETER AND HOLE SIZE OF GRINDING WHEELS - TYPE 27

Please use correct diameter of grinding wheels for the speed. Also select the correct hole size.

Grinding Wheel ϕ		Grinding Wheel Hole Size	
mm	in	mm	in
125	5	22	7/8 (22.2mm)



FA-5C-1



FA-5E-1V



FA-5E-13VF

GLOBAL SPECIFICATIONS

Model	Max Dia. (wheel Size)		Exhaust	Free Speed	Power		Spindle	Overall Length		Weight		Max. Air Consumption		Air Hose Size	
	mm	in			min ⁻¹	W		hp	mm	in	kg	lb	m ³ /min	ft ³ /min	mm
FA-5C-1	125 x 6 x 22	5 x 1/4 x 0.866	Side exhaust	10,900	790	1.06	W1/2-16	226	8.90	2.33	5.14	0.8	28.25	9.5	3/8
FA-5C-4	125 x 6 x 22.2	5 x 1/4 x 7/8	Side exhaust	12,000	790	1.06	W1/2-16	226	8.90	2.33	5.14	0.8	28.25	9.5	3/8
FA-5C-4F	125 x 6 x 22.2	5 x 1/4 x 7/8	Side exhaust	12,000	790	1.06	W1/2-16	261	10.30	2.33	5.14	0.8	28.25	9.5	3/8
●FA-5E-1F	125 x 6 x 22.2	5 x 1/4 x 7/8	Side exhaust	10,900	956	1.28	M8	282	11.10	2.1	4.6	0.95	33.54	9.5	3/8
FA-5E-1V	125 x 6 x 22	5 x 1/4 x 0.866	Side exhaust	10,900	956	1.28	M8	225	8.90	2.05	4.52	0.95	33.54	9.5	3/8
FA-5E-1VF	125 x 6 x 22.2	5 x 1/4 x 7/8	Side exhaust	10,900	956	1.28	M8	262	10.30	1.9	4.1	0.95	33.54	9.5	3/8
●FA-5E-2F	125 x 6 x 22.2	5 x 1/4 x 7/8	Side exhaust	12,000	956	1.28	M8	282	11.10	2.1	4.63	0.95	33.54	9.5	3/8
FA-5E-2V	125 x 6 x 22.2	5 x 1/4 x 7/8	Side exhaust	12,000	956	1.28	M8	225	8.90	1.9	4.1	0.95	33.54	9.5	3/8
FA-5E-2VF	125 x 6 x 22.2	5 x 1/4 x 7/8	Side exhaust	12,000	956	1.28	M8	262	10.30	1.99	4.39	0.95	33.54	9.5	3/8
●FA-5E-13F	125 x 6 x 22.2	5 x 1/4 x 7/8	Side exhaust	12,000	956	1.28	3/8-24 UNF	282	11.10	2.2	4.8	0.95	33.54	9.5	3/8
FA-5E-13VF	125 x 6 x 22.2	5 x 1/4 x 7/8	Side exhaust	12,000	956	1.28	3/8-24 UNF	262	10.30	2.2	4.8	0.95	33.54	9.5	3/8
FA-5E-15VF	125 x 6 x 22.2	5 x 1/4 x 7/8	Side exhaust	13,000	956	1.28	5/8-11	262	10.30	2.2	4.8	0.95	33.54	9.5	3/8
FA-5E-16VF	125 x 6 x 22.2	5 x 1/4 x 7/8	Side exhaust	6,000	956	1.28	5/8-11	262	10.30	2.2	4.8	0.95	33.54	9.5	3/8

* Marked ● are furnished with vibration dampers in the housing and dead handle

TOOL SELECTION GUIDE

STANDARD MODELS

Model	Roll Throttle		Locking Lever (F)
	Wheel Hole Size		Wheel Hole Size
	22 mm	7/8"	7/8"
FA-5C-1	541 205 2315		
FA-5C-4		541 205 2316	541 207 1135
FA-5E-1			541 205 2318
FA-5E-1V	541 205 2320		541 205 2323
FA-5E-2V		541 205 2332	541 205 2335
FA-5E-13V			541 205 2328

CE certified models

Model	Locking Lever (F)	
	Wheel Hole Size	
	7/8"	
FA-5E-13V	541 207 1141	
FA-5E-1V	541 207 1144	
FA-5E-2	541 207 1145	
FA-5E-2V	541 207 1148	

For CE region availability of non CE models. Please inquire to your Fuji representative.

NPT models

Model	Roll Throttle		Locking Lever (F)
	Wheel Hole Size		Wheel Hole Size
	7/8"		7/8"
FA-5C-4	541 207 1134		541 210 2611
FA-5E-13V			541 207 1142
FA-5E-15V			541 210 4273
FA-5E-16V			541 210 4278

For possibility of NPT inlet for other models, please inquire to your Fuji representative.

ANGLE GRINDERS

7" ANGLE GRINDERS

There are 3 ranges of 7" angle grinders, FA-7C with conventional specifications 1280W (1.72hp), and FA-7E with higher power 1500W, 2hp and lower profile body. FA-6C with conventional specification for compact 7" grinders

MAX. DIAMETER AND HOLE SIZE OF GRINDING WHEELS - TYPE 27

Please use correct diameter of grinding wheels for the speed. Also select the correct hole size.

Grinding Wheel ϕ		Grinding Wheel Hole Size	
mm	in	mm	in
180	7	22	7/8 (22.2mm)



GLOBAL SPECIFICATIONS

Model	Max Dia. (wheel Size)		Exhaust	Free Speed	Power		Spindle	Overall Length		Weight		Max. Air Consumption		Air Hose Size	
	mm	in			min ⁻¹	W		hp	mm	in	kg	lb	m ³ /min	ft ³ /min	mm
FA-5E-11V	180 x 6 x 22	7 x 1/4 x 0.866	Side exhaust	7,600	956	1.28	W1/2-16	214	8.40	2.25	4.96	0.95	33.54	9.5	3/8
FA-6C-1	180 x 6 x 22	7 x 1/4 x 0.866	Side exhaust	7,600	1180	1.58	W1/2-16	252	9.90	2.9	6.3	1.15	40.61	12.7	1/2
FA-6C-10	180 x 6 x 22.2	7 x 1/4 x 7/8	Side exhaust	7,000	1120	1.58	W1/2-16	252	9.90	2.9	6.3	1.15	40.61	12.7	1/2
FA-6C-12	180 x 6 x 22.2	7 x 1/4 x 7/8	Side exhaust	8,400	1180	1.58	W1/2-16	252	9.90	2.93	6.3	1.15	40.61	12.7	1/2
FA-6C-12M	180 x 6 x 22.2	7 x 1/4 x 7/8	Side exhaust	8,400	1180	1.58	W1/2-16	353	13.90	3	6.6	1.15	40.61	12.7	1/2
FA-6C-6M	180 x 6 x 22.2	7 x 1/4 x 7/8	Side exhaust	8,400	1180	1.58	5/8-11UNC	353	13.90	3	6.6	1.15	40.61	12.7	1/2
FA-6C-8M	180 x 6 x 22.2	7 x 1/4 x 7/8	Side exhaust	7,600	1180	1.58	5/8-11UNC	353	13.90	3	6.6	1.15	40.61	12.7	1/2
FA-6C-9M	180 x 6 x 22.2	7 x 1/4 x 7/8	Side exhaust	7,000	1180	1.58	5/8-11UNC	353	13.90	3	6.6	1.15	40.61	12.7	1/2
FA-7C-1	180 x 6 x 22	7 x 1/4 x 0.866	Side exhaust	7,600	1280	1.72	W1/2-16	264	10.40	3.4	7.5	1.4	49.43	12.7	1/2
FA-7C-3	180 x 6 x 22.2	7 x 1/4 x 7/8	Side exhaust	7,000	1280	1.72	5/8-11UNC	264	10.40	3.4	7.4	1.4	49.43	12.7	1/2
FA-7C-3M	180 x 6 x 22.2	7 x 1/4 x 7/8	Side exhaust	7,000	1280	1.72	5/8-11UNC	360	14.20	3.5	7.7	1.4	49.43	12.7	1/2
FA-7E-1V	180 x 6 x 22.2	7 x 1/4 x 7/8	Side exhaust	7,000	1500	2.01	W1/2-16	272	10.70	3.1	6.8	1.4	49.43	12.7	1/2
FA-7E-1VF	180 x 6 x 22.2	7 x 1/4 x 7/8	Side exhaust	7,000	1500	2.01	W1/2-16	307	12.10	3.1	6.8	1.4	49.43	12.7	1/2
FA-7E-2V	180 x 6 x 22	7 x 1/4 x 0.866	Side exhaust	7,600	1500	2.01	W1/2-16	272	10.70	3.1	6.8	1.4	49.43	12.7	1/2
FA-7E-3V	180 x 6 x 22.2	7 x 1/4 x 7/8	Side exhaust	8,400	1590	2.13	W1/2-16	272	10.70	3.1	6.84	1.4	49.43	12.7	1/2
FA-7E-5V	180 x 6 x 22.2	7 x 1/4 x 7/8	Side exhaust	7,000	1500	2.01	5/8-11 UNC	272	10.70	3.1	6.84	1.4	49.43	12.7	1/2
FA-7E-5VF	180 x 6 x 22.2	7 x 1/4 x 7/8	Side exhaust	7,000	1500	2.01	5/8-11 UNC	307	12.10	3.1	6.84	1.4	49.43	12.7	1/2
FA-7E-6VF	180 x 6 x 22.2	7 x 1/4 x 7/8	Side exhaust	7,600	1500	2.01	5/8-11 UNC	307	12.10	3.1	6.8	1.4	49.43	12.7	1/2
FA-7E-8VF	180 x 6 x 22.2	7 x 1/4 x 7/8	Side exhaust	8,400	1590	2.13	5/8-11 UNC	307	12.10	3.1	6.84	1.4	49.43	12.7	1/2
FA-7E-9VF	180 x 6 x 22.2	7 x 1/4 x 7/8	Side exhaust	8,400	1590	2.13	5/8-11 UNC	307	12.10	3.1	6.84	1.4	49.43	12.7	1/2

TOOL SELECTION GUIDE

For safety lever type tools - the FA-6C series comes equipped with a "M-type" handle and the FA-7C and FA-7E comes equipped with a "F-type" handle

STANDARD MODELS

Model	Roll Throttle		Locking Lever (M or F)
	Wheel Hole Size		Wheel Hole Size
	22 mm	7/8"	7/8"
FA-5E-11V	541 207 1137		
FA-6C-1	541 205 2344		
FA-6C-6			541 205 2358
FA-6C-8			541 205 2360
FA-6C-9			541 205 2362
FA-6C-10		541 205 2351	
FA-6C-12		541 205 2352	541 205 2355
FA-7C-1	541 207 1164		
FA-7E-1V		541 205 2368	541 207 7817
FA-7E-2V	541 205 2370		
FA-7E-3V		541 205 2372	
FA-7E-5V			541 205 2374
FA-7E-6V			541 205 2378
FA-7E-8V			541 205 2380

CE certified models

Model	Locking Lever (M or F)	
	Wheel Hole Size	
	7/8"	
FA-6C-12	541 207 1155	
FA-6C-6	541 207 1160	
FA-6C-8	541 207 1162	
FA-6C-9	541 207 1163	
FA-7E-5V	541 207 1169	
FA-7E-6V	541 207 1171	
FA-7E-8V	541 207 1174	
FA-7E-9V	541 207 1176	

For CE region availability of non CE models, please inquire to your Fuji representative.

NPT models

Model	Roll Throttle		Locking Lever (M or F)
	Wheel Hole Size		Wheel Hole Size
	22 mm	7/8"	7/8"
FA-6C-1	541 205 2346		
FA-6C-12		541 205 2354	
FA-7C-3		541 210 3246	541 205 2365
FA-7E-5V		541 210 3163	541 205 2375
FA-7E-8V			541 205 2381

For possibility of NPT inlet for other models, please inquire to your Fuji representative.

ANGLE GRINDERS

9" ANGLE GRINDERS

MAX. DIAMETER AND HOLE SIZE OF GRINDING WHEELS - TYPE 27

Please use correct diameter of grinding wheels for the speed.

Grinding Wheel ø		Grinding Wheel Hole Size	
mm	in	mm	in
230	9	22	7/8 (22.2mm)



FA-9C-2



FA-9C-4M

GLOBAL SPECIFICATIONS

Model	Max Dia. (wheel Size)		Exhaust	Free Speed	Power		Spindle	Overall Length		Weight		Max. Air Consumption		Air Hose Size	
	mm	in			W	hp		mm	in	kg	lb	m³/min	ft³/min	mm	in
FA-9C-2	230 x 9.5 x 22.2	9 x 3/8 x 7/8	Side exhaust	5,900	1620	2.17	W1/2-16	309	12.20	4.4	9.7	1.65	58.3	12.7	1/2
FA-9C-2M	230 x 9.5 x 22.2	9 x 3/8 x 7/8	Side exhaust	5,900	1620	2.17	W1/2-16	385	15.20	4.5	9.9	1.65	58.3	12.7	1/2
FA-9C-4	230 x 9.5 x 22.2	9 x 3/8 x 7/8	Side exhaust	5,900	1620	2.17	5/8-11 UNC	309	12.20	4.8	10.6	1.65	58.3	12.7	1/2
FA-9C-4M	230 x 9.5 x 22.2	9 x 3/8 x 7/8	Side exhaust	5,900	1620	2.17	5/8-11 UNC	385	15.20	4.8	10.6	1.65	58.3	12.7	1/2

TOOL SELECTION GUIDE

STANDARD MODELS

Model	Roll Throttle		Locking Lever (M or F)	
	Wheel Hole Size		Wheel Hole Size	
	22 mm	7/8"	7/8"	
FA-9C-2		541 205 2382	541 205 2383	
FA-9C-4	541 205 2384		541 205 2388	

CE certified models

Model	Locking Lever (M or F)	
	Wheel Hole Size	
	7/8"	
FA-9C-2M	541 207 1178	
FA-9C-4M	541 207 1182	

NPT models

Model	Roll Throttle		Locking Lever (M or F)	
	Wheel Hole Size		Wheel Hole Size	
	7/8"	22 mm	7/8"	
FA-9C-4	541 205 2386		541 205 2387	

For CE region availability of non CE models, please inquire to your Fuji representative.

For possibility of NPT inlet for other models, please inquire to your Fuji representative.

OTHER SIZE - GRINDING WHEELS OR CUTTING DISK



FA-5E-8V



FA-7C-21

MAIN FEATURES

- 1 model for type 27 grinding wheels, FA-6C-7 (6")
- 3 models for diamond cutters, FA-5E-8V (5"), FA-6C-20 (6"), FA-7C-21 (7") best for concrete cutting

GLOBAL SPECIFICATIONS

Model	Max ø (Wheel Size)		Exhaust	Free Speed	Spindle	Power		Overall Length		Weight		Max. Air Consumption		Air Hose Size	
	mm	in				kw	hp	mm	in	kg	lb	m³/min	ft³/min	mm	in
FA-5E-8V	125 x 2 x 20	5 x 5/16 x 3/4	Side exhaust	10,900	M8	956	1.28	213	8.40	2.04	4.5	16	33.54	9.5	3/8
FA-6C-7	150 x 6 x 22	6 x 1/4 x 0.866	Side exhaust	9,100	W1/2-16	1180	1.58	252	9.90	2.7	5.9	19	40.61	12.7	1/2
FA-6C-20	150 x 2 x 20	7 x 5/16 x 3/4	Side exhaust	9,100	W1/2-16	1180	1.58	252	9.90	2.8	6.1	19	40.61	12.7	1/2
FA-7C-21	180 x 2 x 25.4	7 x 5/16 x 1	Side exhaust	7,600	W1/2-16	1280	1.72	264	10.40	3.4	7.4	23	49.43	12.7	1/2

TOOL SELECTION GUIDE

STANDARD MODELS

Model	Roll Throttle
FA-5E-8V	541 205 2343
FA-6C-7	541 207 1161
FA-6C-20	541 205 2357
FA-7C-21	541 205 2364

VERTICAL GRINDERS - VERTICAL SANDERS

VERTICAL GRINDERS STANDARD TYPE



FV-7-1M,4M



FV-9BH-1M

GLOBAL SPECIFICATIONS

Model	Max. Dia. (Grinding Wheel)		Free Speed min ⁻¹	Height		Power		Overall Length		Weight		Max. Air Consumption		Air Hose Size	
	mm	in		mm	in	W	hp	mm	in	kg	lb	m ³ /min	ft ³ /min	mm	in
FV-7-1M	180 x 6 x 22	7 x 1/4 x 0.866	6,000	192	7.56	1410	1.89	247	9.70	4	8.8	1.4	49.43	12.7	1/2
FV-7-4M	180 x 6 x 22	7 x 1/4 x 0.866	8,400	192	7.56	1770	2.37	247	9.70	4	8.8	1.7	60.03	12.7	1/2
FV-9BH-1M	230 x 8 x 22	9 x 5/16 x 0.886	5,900	247	9.72	3320	4.45	279	11.00	5.8	12.79	2.8	98.87	19	3/4

Air Inlet Thread Size: PT 3/8", FV-9BH Series: PT 1/2".

TOOL SELECTION GUIDE

STANDARD MODELS

Model	Part Number
FV-7-1M	541 205 3516
FV-7-4M	541 205 3523
FV-9BH-1M	541 205 3526

CE certified models

Model	Part Number
FV-7-1M	541 207 2350
FV-7-4M	541 207 2355
FV-9BH-1M	541 207 2360

For CE region availability of non CE models, please inquire to your Fuji representative.

NPT models

Model	Part Number
FV-7-1M	541 205 3515
FV-7-4M	541 207 2356
FV-9BH-1M	541 205 3525

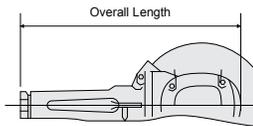
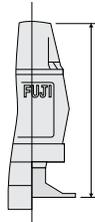
For possibility of NPT inlet for other models, please inquire to your Fuji representative.

VERTICAL GRINDERS CUP WHEEL TYPE



FV-9BH-4M

Height
(Height is a distance from wheel flange to top)



GLOBAL SPECIFICATIONS

Model	Max. Dia. (Grinding Wheel)		Free Speed min ⁻¹	Height		Power		Overall Length		Weight		Max. Air Consumption		Air Hose Size	
	mm	in		mm	in	W	hp	mm	in	kg	lb	m ³ /min	ft ³ /min	mm	in
FV-9BH-4M	150 x 50 x 22.2	6 x 2 x 7/8	4,500	204	8.03	2900	3.89	278	11.00	6.1	13.4	2.4	84.7	19	3/4

Air Inlet Thread Size: PT 1/2".

TOOL SELECTION GUIDE

STANDARD MODELS

Model	Part Number
FV-9BH-4M	541 205 3529

CE certified models

Model	Part Number
FV-9BH-4M	541 207 2361

For CE region availability of non CE models, please inquire to your Fuji representative.

NPT models

Model	Part Number
FV-9BH-4M	541 205 3530

For possibility of NPT inlet for other models, please inquire to your Fuji representative.

SANDING DISC TYPE



FV-7-2M

Model	Max. Dia. (Grinding Wheel)		Free Speed min ⁻¹	Height		Power		Overall Length		Weight		Max. Air Consumption		Air Hose Size	
	mm	in		mm	in	W	hp	mm	in	kg	lb	m ³ /min	ft ³ /min	mm	in
FV-7-2M	180 x 6 x 22	7 x 1/4 x 0.866	7,000	192	7.56	1580	2.12	247	9.70	4	8.8	1.6	56.5	12.7	1/2

Air Inlet Thread Size: PT 3/8".

TOOL SELECTION GUIDE

STANDARD MODELS

Model	Part Number
FV-7-2M	541 205 3520

CE certified models

Model	Part Number
FV-7-2M	541 207 2353

For CE region availability of non CE models, please inquire to your Fuji representative.