

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.

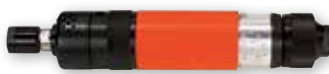
Mounted Point		Burr Head	
mm	in	mm	in
13	1/2	8	5/16

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)
	3 mm	3 mm	3 mm	3 mm	3 mm	3 mm
FG-13-2	541 205 2727					
FG-13-20	541 205 2730					
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



Long bearing cover version (-1 and -2) available for harder grinding



Short bearing cover (-10 and -20) helps grinding in tight spots

CE certified models

Model	Roll Throttle		Locking Lever (F)		
	Side exhaust (-)		Side exhaust (-)		Rear exhaust (X)
	3 mm	1/8"	3 mm	1/8"	3 mm
FG-13-2	541 207 1426	541 207 1423			
FG-13-20		541 207 1427			
FG-13-1			541 207 1422		
FG-13-10			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)
	3 mm	1/8"	1/8"	1/8"	1/8"
FG-13-2	541 207 1424	541 205 2729			
FG-13-20	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.

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 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-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	6 mm	1/4"	6 mm	1/4"	6 mm	
FG-26H-2	541 206 0688	541 206 0686										
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	1/4"
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)
	1/4"	1/4"	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.

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

MAIN FEATURES

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

COLLET BUSH (OPTION FOR 6MM COLLETS)

Ø3 ———— Ø6

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

REAR EXHAUST MODEL (WITH HOSE)



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	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.