

IMPACT WRENCHES

Fuji Impact Wrenches FW-44~88 have 9-blade dual chamber motor and double clutch type impact mechanism.

They are designed for giving high torque at low speed, which give the best characteristics for fast reliable and accurate tightening. These models are provided with two types of lubricant in clutch part, FW-44PA~66PA and FW-44SA~66SA series are with oil (Oil Bath type) which features long service life and FW-44P~88P and FW-44S~66S are with conventional grease.

Both series are suitable for self tapping type soft joint.

PISTOL GRIP - STRAIGHT MODELS

Sq. 9.5 mm (3/8") ~ 12.7 mm (1/2")



GLOBAL SPECIFICATIONS

Model	Recommended Torque Range		Max Torque	Free Speed	Square Drive Size / Bit Shank Size		Socket Retainer	Overall Length (without socket)		Weight (without socket)		Air Consumption (at Load)		Air Hose Size	
	N.m	ft.lb			mm	in		mm	in	kg	lb	m ³ /min	ft ³ /min	mm	in
FW-44SA-1	6 - 12	4.4 - 8.9	20	5,700	9.5	3/8	Pin (BF-Anvil)	207	8.15	0.66	1.46	0.35	12.4	6.3	1/4
FW-66PA-2	12 - 25	8.9 - 18	35	5,000	9.5	3/8	Hole (P-Anvil)	137	5.39	0.88	1.94	0.48	16.9	6.3	1/4
FW-66SA-1	12 - 25	8.9 - 18	35	5,000	9.5	3/8	Pin (BF-Anvil)	212	8.35	0.78	1.72	0.37	13.1	6.3	1/4
FW-88P-1	24 - 40	18 - 30	50	5,300	12.7	1/2	Hole (P-Anvil)	163	6.42	1.4	3.09	0.64	22.5	9.5	3/8

*Air Inlet Thread Size: PT 1/4".

TOOL SELECTION GUIDE

Standard models

Model	Bolt Size	Square Drive Retainer	
		P (Hole)	BF (Pin)
FW-44SA-1	M5	541 207 2421	541 205 3594
FW-66PA-2	M6	541 207 2432	541 205 3646
FW-66SA-1	M6	541 207 2436	541 205 3652
FW-88P-1	M8	541 207 2465	541 205 9592

CE certified models

Model	Bolt Size	Square Drive Retainer
		BF (Pin)
FW-44SA-1	M5	541 207 2422
FW-66PA-2	M6	541 207 2433
FW-66SA-1	M6	541 207 2437

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

NPT models

Model	Bolt Size	Square Drive Retainer
		BF (Pin)
FW-44SA-1	M5	541 205 3595

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

IMPACT WRENCHES

Fuji Impact Wrenches are suitable for various fastening and unfastening operations. The combination of high torque and fast run down minimise operator fatigue.

SMALL SIZE PISTOL GRIP MODELS

Sq. 9.5 mm (3/8") ~ 12.7 mm (1/2") ~ 15.9 mm (5/8")



FW-5PX-6



FW-6PM-1



FW-6PL-1



FW-6PX-5-6



FW-6PH-1-11



FW-8PH-3



FW-10PH-1-2



FW-14PX-5



FW-14PH-1-2



FW-14PH-3

GLOBAL SPECIFICATIONS

Model	Recommended Torque Range		Max Torque	Free Speed	Square Drive Size / Bit Shank Size		Socket Retainer	Overall Length (without socket)		Weight (without socket)		Air Consumption (at Load)		Air Hose Size	
	N.m	ft.lb			N.m	min-1		mm	in	mm	in	kg	lb	m ³ /min	ft ³ /min
FW-5PX-6	6 - 12	4.4 - 8.9	18	12,000	9.5	3/8	Hole (P-Anvil)	150	5.91	0.8	1.76	0.2	7.1	6.3	1/4
FW-6PX-6	8 - 21	5.9 - 15	25	10,000	9.5	3/8	Pin (BF-Anvil)	156	6.14	1.2	2.65	0.28	9.9	9.5	3/8
FW-6PM-1	10 - 17	7.4 - 13	25	8,500	9.5	3/8	Pin (BF-Anvil)	140	5.51	0.92	2.03	0.53	18.7	9.5	3/8
FW-6PX-5	10 - 23	7.4 - 17	28	10,000	9.5	3/8	Pin (BF-Anvil)	156	6.14	1.2	2.65	0.28	9.9	9.5	3/8
FW-6PL-1	12 - 25	8.9 - 18	30	10,000	9.5	3/8	Pin (BF-Anvil)	175	6.89	0.9	1.98	0.2	7.1	9.5	3/8
FW-6PH-1	24 - 45	18 - 33	50	9,000	9.5	3/8	Pin (BF-Anvil)	147	5.79	1.35	2.98	0.35	12.4	9.5	3/8
FW-8PH-3	40 - 60	30 - 44	75	7,500	12.7	1/2	Pin (BF-Anvil)	162	6.38	1.5	3.31	0.4	14.1	9.5	3/8
FW-10PH-1	45 - 65	33 - 48	80	7,500	12.7	1/2	Pin (BF-Anvil)	179	7.05	2	4.41	0.45	15.8	9.5	3/8
FW-10PH-2	47 - 79	35 - 58	100	7,500	12.7	1/2	Pin (BF-Anvil)	179	7.05	2	4.41	0.45	15.9	9.5	3/8
FW-14PX-5	80 - 130	59 - 96	150	6,500	12.7	1/2	Pin (BF-Anvil)	197	7.76	3	6.61	0.4	14.1	9.5	3/8
FW-14PH-1	70 - 110	52 - 81	130	7,500	12.7	1/2	Pin (BF-Anvil)	202	7.95	2.56	5.64	0.6	21.2	9.5	3/8
FW-14PH-2	100 - 160	74 - 118	180	7,500	12.7	1/2	Hole (P-Anvil)	202	7.95	2.56	5.64	0.6	21.2	9.5	3/8
FW-14PH-3	120 - 190	89 - 140	200	7,500	15.9	5/8	Hole (P-Anvil)	202	7.95	2.56	5.64	0.6	21.2	9.5	3/8

TOOL SELECTION GUIDE

Standard models

Model	Bolt Size	Square Drive Retainer	
		P (Hole)	BF (Pin)
FW-5PX-6	M5	541 207 2427	541 205 3600
FW-6PL-1	M6	541 207 2446	541 205 3619
FW-6PM-1	M6	541 207 2448	541 205 3623
FW-6PX-5	M6	541 207 2452	541 205 3629
FW-6PX-6	M6	541 207 2453	541 205 3631
FW-6PH-1	M8	541 207 2440	541 205 3615
FW-6PH-11	M8	541 205 9027	541 205 9026
FW-8PH-3	M10	541 207 2466	541 205 3659
FW-10PH-1 E	M10		541 205 8916
FW-10PH-2 E	M10	541 207 2370	541 205 3533
FW-14PH-1 E	M14		541 205 3539
FW-14PH-2 E	M14	541 207 2380	541 205 3542
FW-14PH-3	M16	541 207 2381	541 210 2802

CE certified models

Model	Bolt Size	Square Drive Retainer	
		P (Hole)	BF (Pin)
FW-6PH-1	M8		541 207 2441
FW-6PH-11	M8		541 207 2444
FW-8PH-3	M10		541 207 2467
FW-10PH-1	M10		541 207 2367
FW-14PH-1	M14		541 207 2377
FW-14PH-2	M14	541 210 2830	541 210 2831

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

NPT models

Model	Bolt Size	Square Drive Retainer	
		P (Hole)	BF (Pin)
FW-5PX-6	M5		541 205 3601
FW-6PX-5	M6		541 205 3630
FW-6PM-1	M6		541 205 3624
FW-6PH-1	M8		541 205 3616
FW-8PH-3	M10		541 205 3660
FW-14PX-5	M14		541 205 3545
FW-14PH-2	M14		541 205 3541
FW-14PH-1	M14		541 205 3540
FW-10PH-2	M10		541 205 3532

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

IMPACT WRENCHES

SMALL SIZE STRAIGHT, ANGLE HEAD MODELS

Sq. 9.5 mm (3/8") ~ 12.7 mm (1/2")



FW-6SX-5~6



FW-8SH-2



FW-10SX-5



FW-14SX-5



FW-6SCX-6



FW-8SCH-2

GLOBAL SPECIFICATIONS

Model	Recommended Torque Range		Max Torque	Free Speed	Square Drive Size / Bit Shank Size		Socket Retainer	Overall Length (without socket)		Weight (without socket)		Air Consumption (at Load)		Air Hose Size	
	N.m	ft.lb			mm	in		mm	in	kg	lb	m ³ /min	ft ³ /min	mm	in
FW-6SCX-6	5 - 18	3.7 - 13	20	8,000	9,5	3/8	Hole (P-Anvil)	261	10,3	1,6	3,53	0,3	10,5	9,5	3/8
FW-6SX-6	8 - 21	5,9 - 15	25	10,000	9,5	3/8	Hole (P-Anvil)	223	8,78	1,1	2,43	0,3	10,6	9,5	3/8
FW-6SX-5	10 - 23	7,4 - 17	28	10,000	9,5	3/8	Hole (P-Anvil)	223	8,78	1,1	2,43	0,3	10,6	9,5	3/8
FW-8SCH-2	30 - 50	15 - 37	60	7,500	12,7	1/2	Hole (P-Anvil)	354	13,9	2,7	5,95	0,4	14,1	9,5	3/8
FW-8SH-2	40 - 60	30 - 44	75	8,000	12,7	1/2	Hole (P-Anvil)	306	12	1,7	3,75	0,4	14,1	9,5	3/8
FW-10SX-5	45 - 65	33 - 48	80	8,000	12,7	1/2	Hole (P-Anvil)	317	12,5	2,2	4,85	0,4	14,1	9,5	3/8
FW-14SX-5	80 - 130	59 - 96	150	6,500	12,7	1/2	Hole (P-Anvil)	356	14	3	6,61	0,5	17,7	9,5	3/8

TOOL SELECTION GUIDE

Standard models

Model	Bolt Size		Square Drive Retainer	
	mm	P (Hole)	BF (Pin)	
FW-6SX-6	M6	541 207 2460	541 205 3640	
FW-6SX-5	M6	541 207 2458	541 205 3639	
FW-6SCX-6	M6	541 207 2456	541 205 3637	
FW-8SH-2	M10	541 207 2470	541 205 3663	
FW-8SCH-2	M10	541 207 2468	541 205 3661	
FW-10SX-5	M10	541 207 2374	541 205 3536	
FW-14SX-5	M14	541 207 2384	541 205 3546	

CE certified models

Model	Bolt Size		Square Drive Retainer	
	mm	BF (Pin)		
FW-6SX-5	M6	541 207 2459		
FW-6SX-6	M6	541 207 2461		
FW-8SH-2	M10	541 207 2471		
FW-8SCH-2	M10	541 207 2469		
FW-14SX-5	M14	541 207 2385		

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

NPT models

Model	Bolt Size		Square Drive Retainer	
	mm	BF (Pin)		
FW-8SH-2	M10	541 205 3664		
FW-14SX-5	M14	541 205 3547		
FW-6SCX-6	M6	541 205 3638		
FW-8SCH-2	M10	541 205 3662		

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

ACCESSORIES

CORNER ATTACHMENT (ANGLE HEAD)

The Corner Attachment CA-14A can be mounted on straight or pistol grip type impact wrenches FW-14PX, 14SX to access fastening in confined spaces.



CA-14A



CA-14A + FW-14SX-5



Model	Part Number	Side to Center		Square Drive Size		Angle Head Height		Overall Length		Weight (without socket)		Models
		mm	in	mm	in	mm	in	mm	in	kg	lb	
CA-14A	541 205 1096	24.5	31/32	12.7	1/2	84	3 5/16	146	5 3/4	1.4	3.0	FW-14PX, 14SX Series
CA-14A EC	541 207 0332	24.5	31/32	12.7	1/2	84	3 5/16	146	5 3/4	1.4	3.0	FW-14PX, 14SX Series

IMPACT WRENCHES

MEDIUM SIZE STRAIGHT MODELS

Sq. 19 mm (3/4") ~ 25.4 mm (1") ~ 31.8 mm (1 1/4")



FW-250-1-2



FW-320-1



FW-330-1



FW-330-1L



FW-420-1C-2C



FW-420-1L
(Long Anvil Type)
Outside Lever type



FW-420-1CL
Inside Lever type

GLOBAL SPECIFICATIONS

Model	Recommended Torque Range		Max Torque	Free Speed	Square Drive Size / Bit Shank Size		Socket Retainer	Overall Length (without socket)		Weight (without socket)		Air Consumption (at Load)		Air Hose Size	
	N.m	ft.lb			N.m	min-1		mm	in	mm	in	kg	lb	m ³ /min	ft ³ /min
FW-250-1	380 - 1040	281 - 720	1200	5,000	25.4	1	Hole (P-Anvil)	302	11.9	6	13.2	0.7	24.7	12.7	1/2
FW-250-2	380 - 1040	281 - 720	1200	5,000	19	3/4	Hole (P-Anvil)	302	11.9	6	13.2	0.7	24.7	12.7	1/2
FW-320-1	600 - 1800	444 - 1333	2300	4,800	25.4	1	Hole (P-Anvil)	353	13.9	8.7	19.2	1	35.3	12.7	1/2
FW-330-1	500 - 2100	370 - 1560	2600	5,000	25.4	1	Dial (Ring & hole)	366	14.4	10.7	23.8	1.15	40.6	12.7	1/2
FW-330-1L	500 - 2100	370 - 1560	2600	5,000	25.4	1	Dial (Ring & hole)	522	20.6	12.2	27.1	1.15	40.6	12.7	1/2
FW-420-1	900 - 2500	666 - 1852	2800	4,500	25.4	1	Hole (P-Anvil)	349	13.7	10.8	23.8	1.2	42.4	19	3/4
FW-420-2	900 - 2500	666 - 1852	2800	4,500	31.8	1 1/4	Hole (P-Anvil)	351	13.8	10.8	23.8	1.2	42.4	19	3/4

TOOL SELECTION GUIDE

Standard models

Model	Bolt Size mm	Outside Trigger Model (-)	Inside Trigger Model (C)
FW-250-1	M24	541 205 3554	
FW-250-1C	M24		541 205 3556
FW-250-2 BF	M24	541 205 3558	
FW-250-2 P	M24	541 207 2391	
FW-250-2C BF	M24		541 205 3560
FW-250-2C P	M24		541 207 2392
FW-320-1	M30	541 205 3566	
FW-320-1C	M30		541 205 3569
FW-330-1	M33 - 36	541 210 4115	
FW-330-1L	M33 - 36	541 210 4120	
FW-420-1	M33	541 205 3577	
FW-420-1C	M33		541 205 3579
FW-420-2	M36	541 205 3584	
FW-420-2C	M36		541 205 3586

CE certified models

Model	Bolt Size mm	Outside Trigger Model (-)	Inside Trigger Model (C)
FW-250-1C	M24		541 207 2390
FW-320-1	M30	541 207 2401	
FW-320-1C	M30		541 207 2403
FW-320-1CL	M30		541 207 2406
FW-420-1	M33	541 207 2410	
FW-420-1C	M33		541 207 2412
FW-420-1CL	M33		541 207 2415

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

NPT models

Model	Bolt Size mm	Outside Trigger Model (-)	Inside Trigger Model (C)
FW-250-1 N	M24	541 205 3555	
FW-250-1C N	M24		541 205 3557
FW-250-2C BF N	M24		541 205 3561
FW-320-1 N	M30	541 207 2400	
FW-320-1C N	M30		541 205 3568
FW-320-1L N	M30	541 205 3573	
FW-330-1C N	M33 - 36		541 210 4155
FW-330-1CL N	M33 - 36		541 210 4149
FW-420-1 N	M33	541 205 3576	
FW-420-1C N	M33		541 205 3578
FW-420-2 N	M36	541 205 3585	

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



IMPACT WRENCHES

MEDIUM SIZE PISTOL MODELS

Sq. 19 mm (3/4") ~ 25.4 mm (1")



FW-190P

FW-250P-1~2

FW-320P-1

GLOBAL SPECIFICATIONS

Model	Recommended Torque Range		Max Torque	Free Speed	Square Drive Size / Bit Shank Size		Socket Retainer	Overall Length (without socket)		Weight (without socket)		Air Consumption (at Load)		Air Hose Size	
	N.m	ft.lb			N.m	min-1		mm	in	mm	in	kg	lb	m ³ /min	ft ³ /min
FW-190P-1	240 - 560	178 - 415	620	5,500	19	3/4	Hole (P-Anvil)	241	9.5	4.5	10	0.52	18.2	9.5	3/8
FW-250P-1	380 - 1040	281 - 720	1200	5,000	25.4	1	Hole (P-Anvil)	228	8.98	5.3	11.7	0.7	24.7	12.7	1/2
FW-250P-2	380 - 1040	281 - 720	1200	5,000	19	3/4	Hole (P-Anvil)	228	8.98	5.3	11.7	0.7	24.7	12.7	1/2
FW-320P-1	600 - 1800	444 - 1333	2300	4,800	25.4	1	Hole (P-Anvil)	268	10.6	8	17.6	1	35.3	12.7	1/2
FW-330P-1	600 - 2100	370 - 1560	2600	5,000	25.4	1	Dual (Ring & hole)	283	11.1	10.4	23.1	1.15	40.6	12.7	1/2

TOOL SELECTION GUIDE

Standard models

Model	Bolt Size	Square Drive Retainer		
		mm	P (Hole)	BF (Pin)
FW-190P-1		541 210 4397	541 210 4398	
FW-250P-1	M24	541 205 3562		
FW-250P-2	M24	541 207 2394	541 205 3564	
FW-320P-1 E	M30	541 205 3575		
FW-330P-1	M33 - 36			541 210 4110

CE certified models

Model	Bolt Size	Square Drive Retainer	
		mm	P (Hole) BF (Pin)
FW-190P-1			541 210 4404
FW-250P-1	M24	541 207 2393	
FW-250P-2	M24		541 207 2395
FW-320P-1	M30	541 207 2408	

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

NPT models

Model	Bolt Size	Square Drive Retainer	
		mm	P (Hole) BF (Pin)
FW-190P-1			541 210 4399
FW-250P-1	M24	541 205 3563	
FW-250P-2	M24		541 205 3565
FW-320P-1	M30	541 205 3574	
FW-330P-1	M33 - 36	541 210 4154	

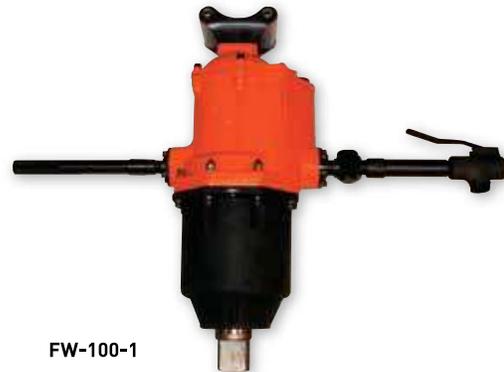
For possibility of NPT inlet for other models, please inquire to your Fuji representative.

HIGH TORQUE SUPER HEAVY DUTY MODELS

Sq. 38.1 mm (1 1/2") ~ 63.5 mm (2 1/2")



FW-50-7



FW-100-1

GLOBAL SPECIFICATIONS

Model	Recommended Torque Range		Max Torque	Free Speed	Square Drive Size / Bit Shank Size		Socket Retainer	Overall Length (without socket)		Weight (without socket)		Air Consumption (at Load)		Air Hose Size	
	N.m	ft.lb			N.m	min-1		mm	in	mm	in	kg	lb	m ³ /min	ft ³ /min
FW-50-7	4400 - 5900	3250 - 4350	6000	4,000	38	1 1/2	Hole (P-Anvil)	500	19.7	33	72.8	1.91	67.3	19	3/4
FW-75-7	5800-11300	4280 - 8330	12000	3,000	63.5	2 1/2	Hole (P-Anvil)	610	24	60	132	2.12	74.9	19	3/4
FW-100-1	11000 - 16000	8113 - 11800	17000	2,500	63.5	2 1/2	Hole (P-Anvil)	700	27.6	85	187	3.23	114.0	25.4	1

TOOL SELECTION GUIDE

Standard models

Model	Bolt Size	Square Drive Retainer
		P (Hole)
FW-50-7 E	M50	541 205 3614
FW-75-7 E	M68	541 205 3658
FW-100-1 E	M76	541 205 3538

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

CE certified models

Model	Bolt Size	Square Drive Retainer
		P (Hole)
FW-50-7 EC	M50	541 207 2426
FW-75-7 EC	M68	541 207 2464
FW-100-1 EC	M76	541 207 2366

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