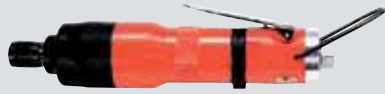


## IMPACT CLUTCH TYPE



FW-44SAD~66SAD



FW-44PAD~66PAD

Model	Bolt Size	Recommended Torque Range			Max. Torque	Free Speed	Bit Shank Size		Overall Length (without socket)		Weight (without socket)		Air Consumption (at Load)		Air Hose Size	
		mm	N · m	kgf · m			ft · lb	N · m	min <sup>-1</sup>	mm	in	mm	in	kg	lb	m <sup>3</sup> /min
<b>Straight Models</b>																
•FW-44SAD-1	M5	6~13	0.6~1.3	4.4~9.6	20	5,700	6.35	1/4	207	8 5/32	0.66	1.4	0.35	12.4	6.3	1/4
•FW-44SAD-10	M5	6~13	0.6~1.3	4.4~9.6	20	5,700	6.35	1/4	207	8 5/32	0.66	1.4	0.35	12.4	6.3	1/4
•FW-66SAD-1	M6	11~20	1.1~2.0	8.1~14.8	28	5,000	6.35	1/4	218	8 19/32	0.78	1.7	0.37	13.1	6.3	1/4
•FW-66SAD-10	M6	11~20	1.1~2.0	8.1~14.8	28	5,000	6.35	1/4	218	8 19/32	0.78	1.7	0.37	13.1	6.3	1/4
<b>Pistol Grip Models</b>																
•FW-44PAD-2	M5	6~13	0.6~1.3	4.4~9.6	20	6,500	6.35	1/4	132	5 3/16	0.78	1.7	0.60	21.2	6.3	1/4
•FW-44PAD-20	M5	6~13	0.6~1.3	4.4~9.6	20	6,500	6.35	1/4	132	5 3/16	0.78	1.7	0.60	21.2	6.3	1/4
•FW-66PAD-2	M6	11~20	1.1~2.0	8.1~14.8	28	5,000	6.35	1/4	143	5 5/8	0.88	1.9	0.48	16.9	6.3	1/4
•FW-66PAD-20	M6	11~20	1.1~2.0	8.1~14.8	28	5,000	6.35	1/4	143	5 5/8	0.88	1.9	0.48	16.9	6.3	1/4

•Marked • are oil bath types.  
\*Air Inlet Thread Size: BSP or NPT 1/4".

## SLIP CLUTCH TYPE



FD-4  
FD-5



FD-4P  
FD-5P

Model	Bolt Size	Recommended Torque Range			Free Speed	Bit Shank Size		Overall Length (without socket)		Weight (without socket)		Air Consumption (at Load)	
		mm	N · m	kgf · m		ft · lb	mm	in	mm	in	kg	lb	m <sup>3</sup> /min
<b>Straight Models</b>													
FD-4	M4	1~4	0.1~0.4	0.7~3.0	2,000	6.35	1/4	174	6 27/32	0.6	1.3	0.20	7.1
FD-5	M5	6~12	0.6~1.2	4.4~8.9	1,600	6.35	1/4	233	9 11/64	1.0	2.2	0.30	10.6
<b>Pistol Grip Models</b>													
FD-4P	M4	1~4	0.1~0.4	0.7~3.0	2,000	6.35	1/4	173	6 13/16	0.8	1.7	0.20	7.1
FD-5P	M5	6~12	0.6~1.2	4.4~8.9	1,600	6.35	1/4	216	8 1/2	1.2	2.6	0.30	10.6

\*Air Inlet Thread Size: BSP or NPT 1/4".  
\*Air Hose Size: 6.3mm (1/4").

Bit Size		FW-***SD-1, **SAD-1, FD-4, 4P, 5, 5P FW-***PD-2, **PAD-2 A:9.5mm B:12mm
		FW-***SD-10, **SAD-10 FW-***PD-20, **PAD-20 A:13mm B:16mm