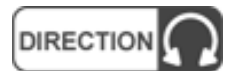


SF/F



Direct reading type for tightening and measuring.



Select proper model according to unit of measure as following color code :

S.I. Metric = American =

Accuracy $\pm 3\%$

Model	Torque Range									Hand force at Max. Torque		Effective Lgth.		Overall Lgth.		Square Drive		Weight approx.	
	S.I.	METRIC	AMERICAN	S.I.	METRIC	AMERICAN	S.I.	METRIC	AMERICAN	N	lb.	mm	in.	mm	in.	mm	in.	kg	lb.
SF40CN	4SF	4SF-A	cN.m 8-40	kgf.cm 0.8-4	in.lbs 0-3.4	2	0.2	0.2	4.1	7/8	100	3 15/16	110	4 11/32	6.35	1/4	0.04	3/32	
SF70CN	7SF	7SF-A	10-70	1-7	0-6				5.9	1 17/64	120	4 3/4	130	5 1/8			0.05	7/64	
SF1.5N	15SF	15SF-A	N.m 0.2-1.5	2-15	0-13	N.m 0.05	0.5	0.5	11.7	2 17/32	130	5 1/8	140	5 1/2			0.07	5/32	
SF3N	30SF	30SF-A	0.5-3	5-30	0-26	0.1	1	1	18.9	4 1/8	160	6 5/16	170	6 11/16			0.09	3/16	
SF6N	60SF	60SF-A	0.6-6	6-60	0-50	0.2	2	2	32.8	6 53/64	185	7 5/16	200	7 7/8	0.2	7/16			
SF12N	120SF	120SF-A	2-12	20-120	0-100	0.5	5	5	57.8	12 1/8	210	8 1/4	225	8 7/8	0.25	9/16			
F23N	230F	230F-A	3-23	30-230	0-200				92.9	20 1/4	250	9 7/8	295	11 5/8	9.5	3/8	0.4	7/8	
F46N	460F	460F-A	5-46	50-460	0-400	1	10	10	155	33 55/64	300	11 13/16	355	13 31/32			0.6	1 11/32	
F92N	920F	920F-A	10-92	100-920	ft.lbs 10-66	2	20	ft.lbs 2	269	58 13/32	345	13 9/16	400	15 3/4	12.7	1/2	0.95	2 3/32	
F130N	1300F	1300F-A	20-130	200-1300	10-95				345	76 5/32	380	14 31/32	445	17 1/2			1.2	2 21/32	
F190N	1900F	1900F-A	30-190	300-1900	25-135	5	50		450	96 23/32	425	16 3/4	490	19 5/16			1.5	3 5/16	
F280N	2800F	2800F-A	50-280	kgf.m 5-28	30-200	5	kgf.m 0.5	5	564	121 29/32	500	19 11/16	565	22 1/4	19.0	3/4	2.2	4 27/32	
F420N	4200F	4200F-A	70-420	7-42	30-300				568	121 25/32	750	29 9/16	820	32 9/32			3.5	7 23/32	
F560N	5600F	5600F-A	100-560	10-56	50-400	10	1	10	377	145 6/32	840	33 1/16	945	37 7/32			4.0	8 27/32	
F700N	7000F	7000F-A	100-700	10-70	50-500					144 37/64	1055	41 1/2	1175	46 1/4			6.0	13 1/4	
F850N	8500F	8500F-A	100-850	10-85	60-600				680	142 5/16	1285	50 19/32	1410	55 17/32	25.4	1	7.8	17 13/64	
F1000N	10000F	10000F-A	100-1000	10-100	70-700	20	2	20	686	141 7/64	1512	59 17/32	1640	64 1/2			8.8	19 13/32	

NOTE

F model without memory pointer. F-S model with memory pointer.

