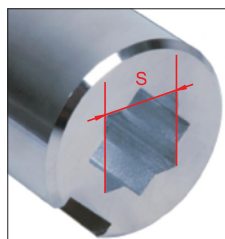


STATIC TORQUE SENSORS

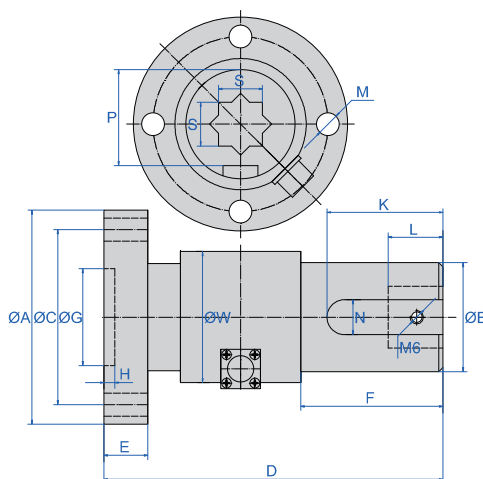
- Wide range of applications: for testing electric, pneumatic and manual torque screwdrivers and torque wrenches and other torque tools and torque monitoring
- Clockwise and counter-clockwise operation
- High overall accuracy, good long-term stability

SPECIFICATION

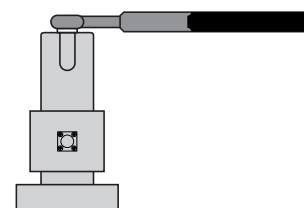
Output sensitivity	1.0~2.0mV/V
Zero output	±1%F.S.
Accuracy	±0.2%F.S.
Repeatability	±0.2%F.S.
Hysteresis	±0.5%F.S.
Creep (30 minutes)	±0.1%F.S.
Temperature sensitivity drift	±0.1%F.S./50°F
Zero temperature drift	±0.1%F.S./50°F
Response frequency	10kHz
Material	Alloy steel / Stainless steel
Electrical impedance	350±5/700±5Ω
Insulation impedance	≥5000MΩ/100VDC
Operating voltage	5~15V
Working temperature	-4~176°F
Safety overload	120%
Extreme overload	150%
Cable specification	Ø.197"×118"
Extreme cable pulling force	22lb



IST-NJ200L



dimension drawing



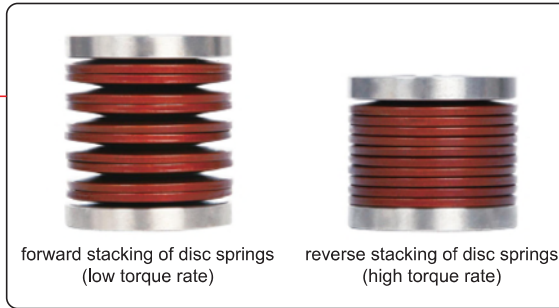
application

Part No.	Maximum range		A	B	C	W	D	E	F	K	L	N	S	P	M	G	H
IST-NJ10S	10N.m	88.50lbf.in	3.86"	1.97"	3.15"	2.28"	3.54"	.591"	1.30"	1.30"	.984"	.630"	.787"	1.73"	4×Ø.413"	/	/
IST-NJ20S	20N.m	177.0lbf.in															
IST-NJ30S	30N.m	265.5lbf.in															
IST-NJ50S	50N.m	442.5lbf.in															
IST-NJ100S	100N.m	73.76lbf.ft															
IST-NJ200S	200N.m	147.5lbf.ft															
IST-NJ300S	300N.m	221.3lbf.ft															
IST-NJ500S	500N.m	368.8lbf.ft															
IST-NJ1000S	1000N.m	737.6lbf.ft															
IST-NJ10L	10N.m	88.50lbf.in	3.86"	1.97"	3.15"	2.28"	6.10"	.787"	2.56"	2.09"	.984"	.630"	.787"	1.73"	4×Ø.413"	/	/
IST-NJ20L	20N.m	177.0lbf.in															
IST-NJ30L	30N.m	265.5lbf.in															
IST-NJ50L	50N.m	442.5lbf.in															
IST-NJ100L	100N.m	73.76lbf.ft															
IST-NJ200L	200N.m	147.5lbf.ft															
IST-NJ300L	300N.m	221.3lbf.ft															
IST-NJ500L	500N.m	368.8lbf.ft															
IST-NJ1000L	1000N.m	737.6lbf.ft															
IST-NJ2000*	2000N.m	1475lbf.ft	4.92"	2.95"	4.13"	3.27"	5.91"	.787"	2.56"	2.36"	1.18"	.787"	1.00"	2.66"	8×Ø.472"	2.36"	.236"
IST-NJ3000*	3000N.m	2213lbf.ft	4.92"	2.95"	4.13"	3.27"	5.91"	.787"	2.56"	2.36"	1.18"	.787"	1.59"	2.66"	8×Ø.472"	2.36"	.236"
IST-NJ5000*	5000N.m	3688lbf.ft	4.92"	2.95"	4.13"	3.27"	5.91"	.787"	2.56"	2.36"	1.18"	.787"	1.59"	2.66"	8×Ø.472"	2.36"	.236"

*Without M6 hole



buffer (optional)
IST-NJ-BF5



BUFFER (OPTIONAL) SPECIFICATION

Part No.	Screw diameter	Torque capacity	Dimension	Weight
IST-NJ-BF1*	.236"	5N.m	.79×.79×2.48"	.297lb
IST-NJ-BF2*	.315"	20N.m	.79×.79×2.64"	.330lb
IST-NJ-BF3*	.394"	50N.m	.79×.79×2.76"	.375lb
IST-NJ-BF4*	.472"	100N.m	1.57×1.57×4.92"	2.03lb
IST-NJ-BF5*	.630"	350N.m	1.57×1.57×5.24"	2.20lb
IST-NJ-BF6*	.787"	700N.m	1.57×1.57×5.71"	2.61lb

*Not suitable for IST-NJ2000, IST-NJ3000, IST-NJ5000

OPTIONAL ACCESSORY

Handheld torque indicator	ISF-DG4
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buffer test example