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**IST-DS SERIES  
DIAL TORQUE SCREWDRIVERS  
OPERATION MANUAL**



## Introduction

IST-DS series dial torque screwdriver is applied in fastening screw piece required of torque. It can effective indicate the torque value of work pieces. The product has bidirectional operation and peak holding function.

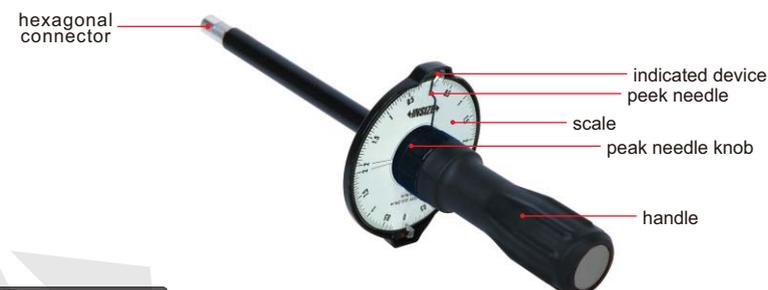
## Warning

- 1 Please read the user's manual carefully before using the torque screwdriver.
- 2 Do not use this screwdriver except for tightening purposes.
- 3 Check cracks, scratches and rust before using.
- 4 Make sure there is no oil, or grease on the grip. Avoid slide of hands in using which may cause an accident or injury.
- 5 Avoid drop when using it in high location.

## Caution

- 1 Please confirm the range of screwdriver before using it. Don't use it beyond the maximum torque setting.
- 2 Do not use this screwdriver without bits and scale.
- 3 Never disassemble or modify the torque screwdriver. Otherwise it will be destroyed or affect its accuracy.
- 4 Use the screwdriver in a right way, don't fall or press, otherwise will be destroyed.
- 5 Don't use it under or on water.
- 6 In normal, please hold the handle tight during insert and pull it.

## Structure



## Parameter

Code	IST-DS02	IST-DS05	IST-DS1	IST-DS2	IST-DS5
Range	0.05~0.2N.m	0.1~0.5N.m	0.2~1N.m	0.5~2N.m	1~5N.m
Graduation	0.005N.m	0.01N.m	0.02N.m	0.05N.m	0.1N.m
Head	1/4" hex socket				
Accuracy	±6%				
Length	152mm	273mm	273mm	273mm	273mm
Weight	170g	400g	400g	400g	400g

## Operation

- 1 Choose the suitable torque screwdriver according to the torque range required of fasteners.
- 2 Please choose suitable bit in the attachment according to the head forms of fastener, then insert it into the hexagonal joint of torque screwdriver (can purchase the bits while no suitable joints head in the attachment).
- 3 Scale to zero. Hold the outer part of dial, turn the handle to maximum value, then release the handle. The scale zero must align to the red triangle of indicator. Otherwise please press the scale to make zero align to the red triangle of indicator.
- 4 Hold the handle, ensure the joint head align to the fastener, rotate the screwdriver, until the torque value of the fastener is reach to the pre-set value, then loosen the handle and remove the torque screwdriver, and read the torque value indicated by red triangle.
- 5 Operate maximum torque data if you need to read the maximum value, you should rotate pointer to make sure it align to the red triangle. After operating, the pointer will point to the maximum value and you can easy read it.