

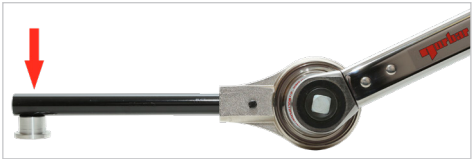
INTRODUCTION

The HandTorque® HT3 is a precision tool which multiplies the input torque by a factor of 5 when used with the supplied straight reaction, or 4.75 when used with the supplied cranked reaction.

Part Number	Input Square	Output Square	Max Input	Max Output
17220	½"	¾"	260 N·m (190 lbf·ft) With straight reaction 274 N·m (202 lbf·ft) With cranked reaction	1,300 N·m (960 lbf·ft)
17221	¾"	1"	540 N·m (400 lbf·ft) With straight reaction 568 N·m (421 lbf·ft) With cranked reaction	2,700 N·m (2,000 lbf·ft)

REACTION

1. Select correct socket drive: it is recommended to use impact sockets.
2. In use the tool body rotates in the opposite direction to applied drive. It is necessary to allow the torque reaction arm to rest against a solid stop before any useful work can be done.
3. To prevent undue stress on the gears always take torque reaction as far away from drive square as circumstances permit.



There is a risk of crushing between the reaction bar and work piece.

Keep hands away from reaction bar.

Keep hands away from tool output

DRIVING TOOL

1. For torque control and consistent bolt loading, a torque wrench is required.
2. A) With straight reaction - set torque wrench to 1/5 of the desired torque on the nut
B) With cranked reaction – set torque wrench to 1/4.75 of the desired torque on the nut

Do not exceed maximum input torque.



IMPORTANT: DO NOT USE THE MULTIPLIER WITH IMPACT OR IMPULSE WRENCHES.