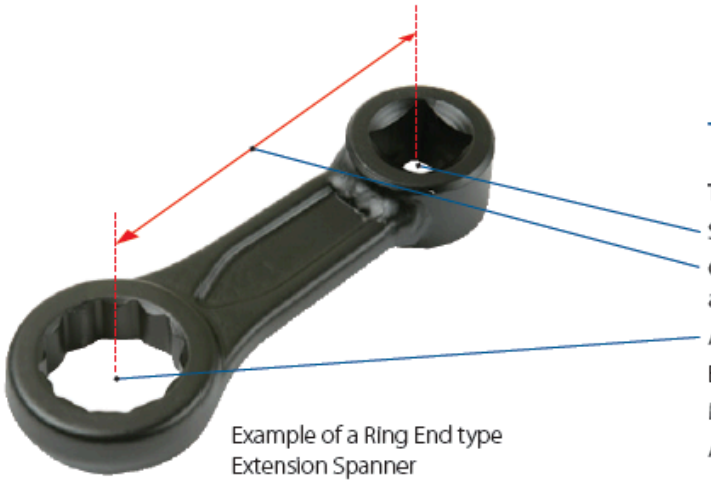
Special Extension Spanners & Adaptors

Accessories to complement the Dial Measuring Wrench Range (page 12)

When design or space limitations preclude the use of a Dial Measuring Wrench and a standard Nut Socket, special Extension Spanners can be manufactured.

These allow access and enable you to apply Torque in awkward spaces. See illustrations for typical examples.



Example of a Ring End type Extension Spanner

To order a Special Extension Spanner

To order please supply the following information:

- Square drive size
- Centred distance between the square drive and the spanner end fitting
- A/F size of spanner end
- End type - Ring, Open or Flared
- Maximum Torque to be applied
- A fully dimensioned drawing

Table of Effective Wrench Lengths across our Range

Model Ranges	Effective length (mm)
ADS 12/25/40	190
BDS 80	368
BDS 160/200	445
CDS	635
DDS	850
EDS	1727

Special Extension Spanners are not recommended for ADS 4 & 8

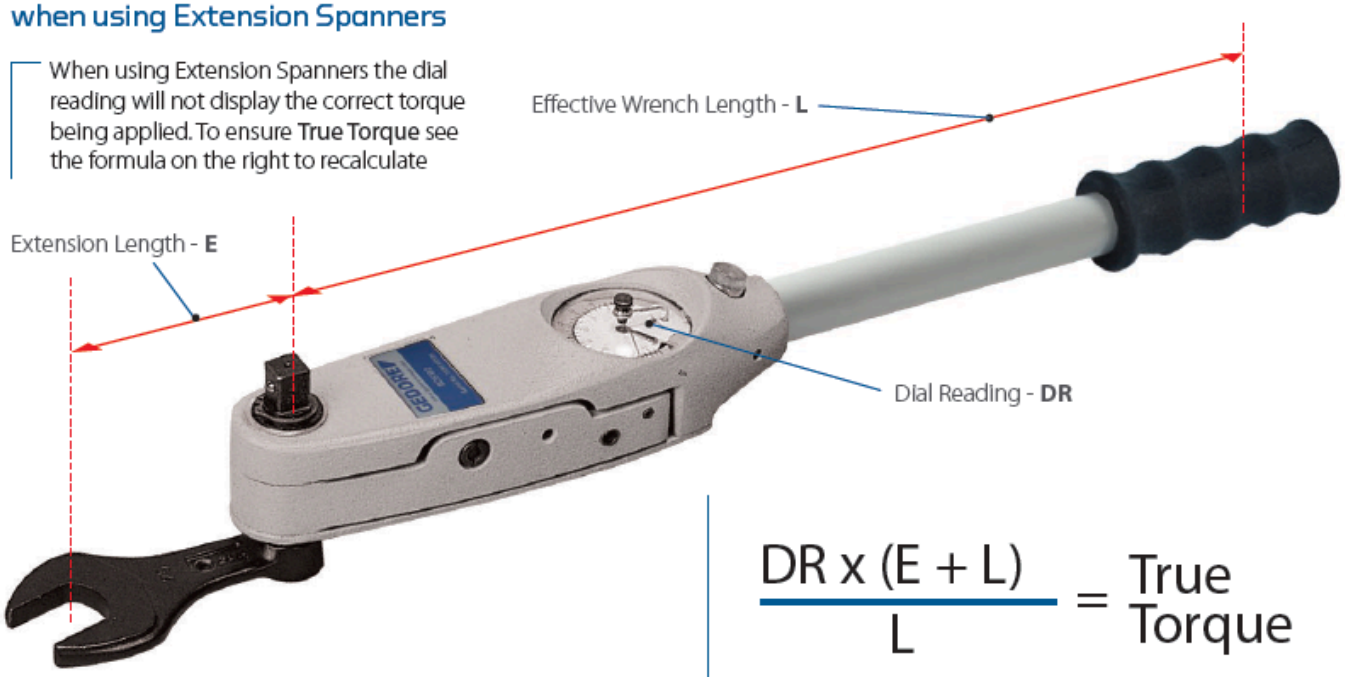
Extension Adaptors for ADS & BDS Wrenches where space is restricted

Adaptor Model	Order code	Drive	
16mm Spigot	A96102	3/8"	
	A96103	1/2"	
German 9x12	A96112	3/8"	
Cavity Fitting	A96113	1/2"	
Wedge Fitting	A96122	3/8"	
	A96123	1/2"	

Measure dimension of Adaptor & End Fitting for E (see diagram above)

How to Calculate the True Torque when using Extension Spanners

When using Extension Spanners the dial reading will not display the correct torque being applied. To ensure **True Torque** see the formula on the right to recalculate



$$\frac{DR \times (E + L)}{L} = \text{True Torque}$$