

Proven accuracy and ruggedness sets the Dillon X-C mechanical force gauge apart in the force measurement industry. The "D" shaped deflection beam is the heart of the Force Gauge system. Highly engineered materials with close machining tolerances and proper heat treatment provide optimum strength and spring characteristics



# **DILLON**

Manufacture: Dillon

SKU: **30388-0066**

Weight: 20.00 lb

Free Ground Shipping within the 48 continental US States

**Please Call (800)832-0055**

## Features

Proven accuracy and ruggedness sets the Dillon X-C mechanical force gauge apart in the force measurement industry. The "D" shaped deflection beam is the heart of the Force Gauge system. Highly engineered materials with close machining tolerances and proper heat treatment provide optimum strength and spring characteristics.

Ideal for stand alone force applications or often used as the load defining component of a much larger system.

The Dillon X-C compression calibration force gauge comes in 8 capacities ranging from 50 lb to 25,000 lb or 50 to 10000 kg. All X-C force gauges feature accuracy of  $\pm 1\%$  of full capacity, except the 25,000 (10,000 kg) capacity instruments which are accurate to  $\pm 2\%$  of full capacity.

Load is applied against a hardened ball which rotates to maintain vertical alignment as pressure increases. The ball is held in place with a spring clip or retainer. A threaded mounting hole is located opposite the loading ball in the bottom of the beam.

Optional shockless dial indicator is available for installations involving the sudden application or release of force (maximum pointer cannot be supplied with shockless dial indicator). A maximum load pointer is also available, which remains at peak load until manually reset.

The Dillon X-C compression gauge comes with force gauge assembly, carrying case and compression-loading spherical ball fitting (note: case is not included with the 25000 lb, 50000 lb, 10000 kg or 20000 kg models).

## Specifications

### Standard Compression Pounds Models

30386-0035	30386-0043	30446-0033	30446-0017	30444-0019	30388-0017	30389-0016	30449-0014
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<b>Model</b>	<b>Capacity &amp; Dial Divisions</b>	50 x 1/2 lb	100 x 1 lb	250 x 2-1/2 lb	500 x 5 lb	1000 x 10 lb	2000 x 20 lb	5000 x 50 lb	25000 x 250 lb
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### Compression Models with Maximum Hand in Pounds

<b>Model with Maximum Hand</b>	<b>30386-0159 Capacity &amp; Dial Divisions</b>	<b>30446-0090</b>	<b>30446-0074</b>	<b>30444-0050</b>	<b>30388-0058</b>	<b>30389-0057</b>	<b>30423-0055</b>	<b>30449-0055</b>	
		100 x 1 lb	250 x 2-1/2 lb	500 x 5 lb	1000 x 10 lb	2000 x 20 lb	5000 x 50 lb	10000 x 100 lb	25000 x 250 lb

### Compression Models with Maximum Hand in Kilogram

<b>Model with Maximum Hand</b>	<b>30386-0183 Capacity &amp; Dial Divisions</b>	<b>30446-0181</b>	<b>30446-0082</b>	<b>30444-0068</b>	<b>30388-0066</b>	<b>30389-0065</b>	<b>30423-0063</b>	<b>30449-0063</b>	
		50 x 0.5 kg	100 x 1 kg	200 x 2 kg	500 x 5 kg	1000 x 10 kg	2000 x 20 kg	5000 x 50 kg	10000 x 100 kg

Contact US

718-336-5900

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  - Chat with us via [WhatsApp Chat](#)
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