FORSTER PRODUCTS

Datum Dial Ammunition Measurement System

Measures relative distances between selected points on cases, bullets, and cartridges



Our patented Datum Dial* provides the data you need to refine your case sizing and bullet seating operations

- **Better accuracy** because your ammunition's headspace is tailored to your firearms' chamber
- **Safer shooting** because excessive headspace, which may lead to dangerous case separation, can be avoided
- **Quick sorting** of batches of cases, bullets and cartridges to effectively remove variation to provide relative consistency
- **More possible reloads** because of reduced work hardening of brass

Product Features

- **Easily interchangeable dials:** case and bullet/cartridge dials provide quick measurement of different calibers
- **Consists of only four components:** provides the same caliber coverage as other products which have many more components
- **Datum Dial Kit (DDKIT) covers multiple calibers:** competitive products can require the purchase of a separate kit for each caliber needed
- **Measurement is exact variation:** no need to subtract body plus bushing/ insert length from each measurement
- **Durable, plastic storage box:** room for extra setup, keeps all components together and protected

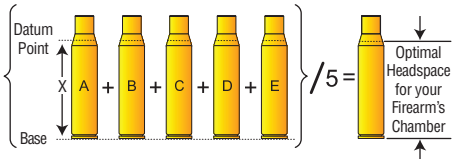
*U.S. Patent 8,646,187, "Ammunition Measurement Tool"

Cases

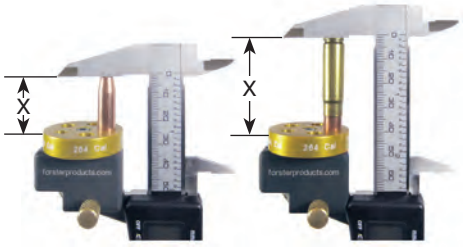


X = relative measurement between the base of a case to a datum point on its shoulder angle.

Using the average relative measurement taken from several cases that have been fire-formed from the same firearm, you can then adjust your sizing die to produce cartridges with a headspace tailored to your firearm's chamber.



Bullets and Cartridges

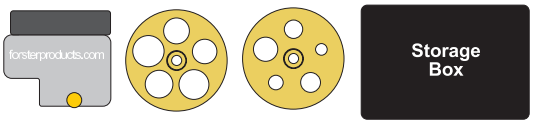
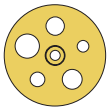
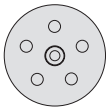


X = relative measurement from the base of a bullet/cartridge to a point on the bullet's ogive, very close to the bullet's major diameter.

You can also adjust your seater die to achieve the optimum distance from the bullet ogive to the lands of the rifle. Obtaining the best bullet seating depth for a specific bullet used in a specific firearm significantly improves the accuracy of your loaded rounds.

Easy-to-use and versatile tool for shooting accuracy

The core components of the Datum Dial Ammunition Measurement System are a body and three interchangeable dials. Purchase the entire kit, or only the components you need for your specific reloading requirements.

Order Number	Description	Function
DD1010	Datum Dial (Body with Case Dial already mounted), Storage Box 	Measures the relative distance between: • The base of a case to a datum point on its shoulder angle
DDKIT	Kit: Datum Dial (Body with Case Dial already mounted), Bullet/ Cartridge Dials #1 and #2, Storage Box. 	Measures the relative distance between: • The base of a case to a datum point on its shoulder angle • The base of a bullet or a cartridge to a point on the bullet's ogive.
DD1111	Bullet/Cartridge Dial #1 224 Cal (5.56mm) 243 Cal (6mm) 264 Cal (6.5mm) 284 Cal (7mm) 308 Cal (7.62mm) 	Measures the relative distance between: • The base of a bullet or a cartridge to a point on the bullet's ogive.
DD2222	Bullet/Cartridge Dial #2 172 Cal 204 Cal 257 Cal 277 Cal 338 Cal 	
DD7777	Blank Dial with five starter holes 	Allows you to custom drill holes for diameters not covered by the Case Dial or the two Bullet/Cartridge Dials.

How to Purchase

Forster Products manufactures a broad line of precision gunsmithing and reloading products.

For best prices, contact one of our Forster Products Distributors. Their experience is an integral part of the shooting sports. To find your closest Distributor, please go to our Web site.

If your Distributor cannot supply you, contact us at

815-493-6360 or **forsterproducts.com**

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WARRANTY

All Forster Products are warranted against defects in materials and workmanship for the life of the product. Parts which, by nature of their function, are subject to normal wear (such as springs, pins, etc.) and parts which have been altered, abused or neglected, are excluded from the warranty. If the product is deemed defective by workmanship or materials, it will be repaired, reconditioned or replaced (at Forster's option). This warranty supersedes all other warranties for Forster Products whether written or oral.

DD1010-002 Issue 2, June 2014

ISO 9001: 2008 accredited