Special Application Gage Heads

exceed half the travel range of the True-Bore

Spline Measurement

Quickly & accurately measure most internal threads, grooves, splines, slots and taper bores. Available in measuring ranges: diameters from 6mm up to 200mm.



Spherical or Deep Bore Measurements

Spherical shaped heads are useful in deep bores where holding the bore gage straight in the bore is difficult. The spherical shape allows only a single contact point per anvil on the bore wall.

Flexbar Triga-Bore[™] Sets



Available with our without indicators.

Set Features:

- Appropriate range of Triga-Bore 3-Point Bore Gage heads.
- Triga-Bore Pistol Grip Handle accepts indicators with %" dia. stem or 8mm dia. (with included bushing).
- Appropriate setting rings with Certificate of Calibration to N.I.S.T.
- Special stand for holding Pistol Grip
- Fitted hard plastic carrying case

Triga-Bore™ Starter System Sets

Economical Basic Sets Include Pistol Grip Handle, 3-Point Bore Gage Head, Triga-Bore Stand (No. 20336), Fitted Hard Plastic Case (with extra empty spaces for rings & additional gage heads). Sets available with or without Flexbar Model No. 15835 Bluetooth Electronic Indicator, 0-.5"/12.5mm range (includes ½" extension for use with Triga-Bore).

Distributed By:

TRIGA-BORE STARTER SYSTEM SETS				
MEASURING	RANGES		SET WITHOUT	SETS W/15835
INCH	MM	CONTENTS OF SET	INDICATOR	BLUETOOTH Indicator
.236315	6-8	Pistol Grip, 1 Head, Stand and Case	20471	20482
.315394	8-10	Pistol Grip, 1 Head, Stand and Case	20472	20483
.394511	10-13	Pistol Grip, 1 Head, Stand and Case	20473	20484
.511630	13-16	Pistol Grip, 1 Head, Stand and Case	20474	20485
.630787	16-20	Pistol Grip, 1 Head, Stand and Case	20475	20486
.787 - 1.023	20-26	Pistol Grip, 1 Head, Stand and Case	20476	20487
1.023 - 1.260	26-32	Pistol Grip, 1 Head, Stand and Case	20477	20488
1.260 - 1.575	32-40	Pistol Grip, 1 Head, Stand and Case	20478	20489
1.575 - 1.968	40-50	Pistol Grip, 1 Head, Stand and Case	20479	20490
1.968 - 2.362	50-60	Pistol Grip, 1 Head, Stand and Case	20480	20491
2.362 - 2.756	60-70	Pistol Grip, 1 Head, Stand and Case	20481	20492

Wireless Bluetooth Indicators
with Preset. Model No.15835

Absolute encoding
Origin setting
Preset value
IP54
inch/mm
High contrast LCD display
Face rotation up to 330°

Optional System Additions Include (Order Separately): Triga-Bore Gage Heads, Master Setting Rings, Depth Extensions.

Triga-Bore[™] System Sets

COMPLETE SETS INCLUDE				
MEASURING RANGES		CONTENTS OF SET	SET WITHOUT	SETS W/STANDARD
INCH	MM	CONTENTS OF SET	INDICATOR	DIGI-MET INDICATOR
.236630	6-16	Triga-Bore Pistol Grip, 4 Heads, 2 Rings	20435	20442
.630 - 1.575	16-40	Triga-Bore Pistol Grip, 4 Heads, 2 Rings	20436	20443
1.575 - 2.362	40-60	Triga-Bore Pistol Grip, 2 Heads, 1 Ring	20437	20444
2.362 - 3.150	60-80	Triga-Bore Pistol Grip, 2 Heads, 1 Ring	20438	20445
3.150 - 3.937	80-100	Triga-Bore Pistol Grip, 2 Heads, 1 Ring	20439	20446



TRG-0418

FUEDBAR

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Triga-Bore™



www.triga-bore.com



Ideal for solving internal diameter measurement problems on the shop floor and inspection areas, the system is available in a large measuring range for specific applications. Mechanical and electronic dial gages as well as linear probes can be used as specified.

Ergonomic, self-centering system provides for easy and accurate measurement of internal diameters.

Main Features:

- Triga-Bore heads have a large measuring range and are supplied with fixed anvils eliminating operator error. 24 heads cover .236" - 7.87" (6-200mm range)
- Unique System design requires only two handles to accommodate the entire range of 24 heads.
- Extensions available for increased gaging depths.
- Repeatability: .0001"/0.002mm.
- High degree of accuracy can be achieved without need for special skills.
- Customer can specify type of indicator.
- Ideally suited to simple or integrated measurement applications.
- Ergonomically designed handle offers single handed operation.
- Accurate calibration and linearity checks can also be made using Flexbar's Calibrated Ring Gages.

For complete ordering information or additional specifications, call us today at 1-800-879-7575 or visit us online at www.triga-bore.com

Flexbar Triga-Bore[™] System

Flexbar Lever Style Bore Gage

Handles can be used with entire range of Triga-

Bore 3-Point Bore

Gage Heads. Ideal for use in

vertical gaging

situations.

applications and light access

Pistol Grip Style Handle for Flexbar 3 Point Bore Gage Systems. Also available with optional Vertical Lever Style Measuring

Specifications for Ordering Handles, Gage Heads, Setting Rings, Digital Indicator, and Master Setting Rings, and Extensions Triga-Bore™ Pistol Grip and Lever Style Bore Gage Handles*

- Model No. 20308, Pistol Grip Style Handle accepts heads: .236"/6mm .630"/16mm Model No. 20309, Pistol Grip Style Handle accepts heads: .630"/16mm - 7.874"/200mm
- Model No. 20310, Lever Style Handle accepts heads: .236"/6mm .630"/16mm Model No. 20311, Lever Style Handle accepts heads: .630"/16mm - 7.874"/200mm

*Triga-Bore accepts indicator with 3/8" diameter or 8mm diameter (with bushing included) and operates with indicators having 1" (25mm) travel.

2. 3-Point Bore Gage Heads and Master Setting Rings (see chart for complete specifications).

- 3. Optional Extensions (see chart).
- 4. Electronic Digital Indicators (with Absolute/Preset measuring mode) Available Gages Include: Model No. 18318, standard Digi-Met and Bluetooth Models 15836 & 15861 - see details below.
- 5. Triga-Bore stand, supports Triga-Bore handle/head when not in use. Model No. 20336.

Flexbar Triga-Bore™ System Sets

Sets available covering a measuring range: .236"/6mm to 3.937"/100mm.

Affordable Starter Sets also available.

Triga-Bore 3-Point Bore Gage Heads and Master Setting Rings

MODEL	HE	AD SIZE	LINE A	LENGTH B	ACCURACY	MASTER SETT BILATERAL CL	
NO.	MM	INCH	INCH	INCH	INCH	MODEL NO.	INCH
20312	6-8	.236315	.109	2.36	.0001	21162	.2912
20313	8-10	.315394	.118	2.36	.0001	21164	.3437
20314	10-13	.394511	.157	2.36	.00015	21167	.4375
20315	13-16	.511630	.157	2.36	.00015	21172	.5625
20316	16-20	.630787	.280	2.36	.00015	21177	.7187
20317	20-26	.787 - 1.023	.390	2.36	.00015	21185	.9062
20318	26-32	1.023 - 1.260	.390	2.36	.00015	21191	1.0312
20319	32-40	1.260 - 1.575	.433	2.75	.00015	21205	1.4062
20320	40-50	1.575 - 1.968	.591	2.75	.00015	21450	1.7500
20321	50-60	1.968 - 2.362	.591	2.75	.00015	21451	2.1875
20322	60-70	2.362 - 2.756	.591	2.75	.00015	21452	2.5625
20323	70-80	2.756 - 3.150	.591	2.75	.00015	21453	2.9375
20324	80-90	3.150 - 3.543	.591	2.75	.00015	21454	3.3437
20325	90-100	3.543 - 3.937	.591	2.75	.00015	21455	3.7500
20326	100-110	3.937 - 4.330	.767	2.75	.00015	21456	4.1250
20327	110-120	4.330 - 4.724	.767	2.75	.00015	21457	4.5625
20328	120-130	4.724 - 5.118	.767	2.75	.00015	21458	4.9062
20329	130-140	5.118 - 5.512	.767	2.75	.00015	21459	5.3125
20330	140-150	5.512 - 5.906	.767	2.75	.00015	21460	5.7187
20331	150-160	5.906 - 6.299	.767	2.75	.00015	21461	6.1093
20332	160-170	6.299 - 6.693	.866	2.75	.0002	21462	6.5000
20333	170-180	6.693 - 7.087	.866	2.75	.0002	21463	6.9062
20334	180-190	7.087 - 7.480	.866	2.75	.0002	21464	7.2912
20335	190-200	7.480 - 7.874	.866	2.75	.0002	21465	7.6875

Flexbar Triga-Bore System Sets Available with or without indicators

Set Features:

- Appropriate range of Triga-Bore 3-point Bore Gage Heads
- Triga-Bore Pistol Grip Handle accepts indicators with %" diameter stem or 8mm diameter (with included bushing).
- Appropriate setting rings with Certificate of Calibration to N.I.S.T.
- Special stand for holding pistol grip.
- Fitted hard plastic carrying case.

See other side for details.



Standard Digi-Met® Electronic Indicator No. 18318*

Features:

- Resolution: .00005"/0.001mm
- Accuracy: .00010"/0.002mm
- True inch/metric conversion
- Preset capability
- Preset recall
- Bidirectional RS232 output



Wireless Bluetooth Indicators with Preset

Features:

- Absolute encoding
- Origin setting
- Preset value
- Inch/mm
- High contrast LCD Display
- Face rotation up to 330°
- Carbide tip
- Battery: 3V, CR2032

1	MODEL NO.	DESCRIPTION		
	15836	1" Bluetooth Indicator - 0.00005"/0,001mm Reading, 0.00016" Accuracy		
	15941	1" Bluetooth Indicator 0.0005"/0.01mm Peading 0.0005" Accuracy		

Optional Extensions (for longer measuring depths)

MODEL	FOR USE WITH GAGE HEAD SIZES	LENGTH	LENGTH
NO.		(mm)	(INCH)
20345	20312 - 20313	100mm	3.937
20346	20314 - 20315	100mm	3.937
20347	20316	100mm	3.937
20348	20317	150mm	5.905
20349	20318 - 20335	150mm	5.905



