

Metalloy

T O O L I N G



**EASTERN
INDUSTRIES**

— The Measure of Perfection.

feeler gage
solutions
for every industry

PHONE: 630-587-1188
www.METALLOYTOOLING.com

Stock and Custom Feeler Gages



table of contents

XF SERIES

Eastern Industries' Highest Class & Finest Quality Gage Sets

Gage sets in this class have tighter thickness tolerances and superior workmanship than typical feeler gage sets. Size markings are larger, clearer, and easier to read than any other gage set on the market. XF SERIES gage sets are chosen by professionals worldwide. The fan style case is made from a heavy gauge stainless steel designed to resist the elements. Each XF SERIES gage set comes packaged in a reusable, tough polypropylene case for long lasting protection. All thicknesses are clearly marked on the packaging to save time. Proudly made in the USA.

Metalloy

TOOLING



www.METALLOYTOOLING.com

Phone: 630-587-1188 Fax: 630-587-1199

PROUD TO BE MADE IN THE U.S.A.

page

Gage Sets | Inch Sizes

- 2 Feeler Gage Sets | Style FG
- 5 Assortment Packs | Style AP
- 6 Feeler Blades | Style FB
- 6 Feeler Coils | Style FC
- 8 Heavy Thickness Feeler Blades | Style FB

Stainless Steel Products | Inch Sizes

- 10 Feeler Blades | Style FB
- 12 Feeler Coils | Style FC
- 13 Shim Stock | Style SH

Carbon Steel Products | Metric Sizes

- 14 Feeler Gages | Style MFB
- 14 Feeler Coils | Style MFC
- 15 Taper Blades | Style MTB
- 16 Feeler Gage Sets | Style MFG

Custom Products

- 17 **Create Your Own 6" Long Gage Set**
- 18 Feeler Gage Sets
- 18 Ground and Cut Shapes
- 18 Length Gage Sets
- 19 Thickness and Special Width Feeler Gages
- 19 Soldered Assemblies and Bent Forms
- 19 Other Custom Products and Services

20 General Information

Inch Feeler Gage Sets – Style FG

All feeler gage sets feature a metal holder to protect the blades when not in use and consist of many popular styles and sizes. The user can “fan” out the blades for easy selection, and then return the unused gages back into the holder. The screw and locknut can be tightened to secure the blades in working position. For easy identification, each blade is permanently marked with the blade thickness. All gages have smooth rounded edges and ends for comfort and safety.

Part Number

Product Description

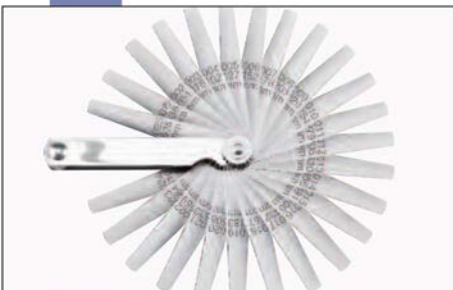


FG-26-3

This standard carbon steel gage set is perfect for a large variety of applications.

26 blades, 1/2" wide and 3" long.

Thickness (in inches) .0015, .002, .0025, .003, .004, .005, .006, .007, .008, .009, .010, .011, .012, .013, .014, .015, .016, .017, .018, .019, .020, .021, .022, .023, .024, .025



FG-26-T-3

The blades in this carbon steel set taper from 1/2" to 1/4" at the tip for tight applications.

26 blades, 1/2" wide, tapered to 1/4" and 3" long.

Thickness (in inches) .0015, .002, .0025, .003, .004, .005, .006, .007, .008, .009, .010, .011, .012, .013, .014, .015, .016, .017, .018, .019, .020, .021, .022, .023, .024, .025



FG-22-STEP

This carbon steel gage set has blades with .002" step ground on the tip for Go/No-Go use.

22 blades, 1/2" wide and 3" long with .002 deep by 5/8" step ground at tip.

Thickness (in inches) .004-.006, .005-.007, .006-.008, .007-.009, .008-.010, .009-.011, .010-.012, .011-.013, .012-.014, .013-.015, .014-.016, .015-.017, .016-.018, .017-.019, .018-.020, .019-.021, .020-.022, .021-.023, .022-.024, .023-.025, .024-.026, .025-.027



FG-25-3-SS XF SERIES

Every component of this gage set is made of stainless steel for excellent corrosion resistance. The blades are made from full hard 300 series stainless steel for outstanding wear.

25 stainless steel blades, 1/2" wide and 3" long.

Thickness (in inches) .0015, .002, .0025, .003, .004, .005, .006, .007, .008, .009, .010, .011, .012, .013, .014, .015, .016, .017, .018, .019, .020, .021, .022, .023, .024, .025

For additional products, specifications, and ordering information visit www.metalloytooling.com or call 630.587.1188

Inch Feeler Gage Sets – Style FG

Our steel blades are made of the finest quality high carbon steel that has been hardened and tempered for superior wear resistance. Our stainless steel blades are made of fully hardened and polished 300 series stainless steel which is noted for its outstanding resistance to corrosion. Both metals provide stable and dependable accuracy.

XF SERIES Eastern Industries' professional grade gages, see page 1 for full description.

Part Number	Product Description
-------------	---------------------



FG-35-3

The larger section of carbon steel blades in this set cover more applications.

35 blades, 1/2" wide and 3" long.

Thickness (in inches) .0015, .002, .003, .004, .005, .006, .007, .008, .009, .010, .011, .012, .013, .014, .015, .016, .017, .018, .019, .020, .021, .022, .023, .024, .025, .026, .027, .028, .029, .030, .031, .032, .033, .034, .035



FG-26-4-45

The offset carbon steel blades in this gage set are bent at 45° to go around impediments.

26 blades, 1/2" wide, 4" long with 1" bent at 45°.

Thickness (in inches) .005, .006, .007, .008, .009, .010, .011, .012, .013, .014, .015, .016, .017, .018, .019, .020, .021, .022, .023, .024, .025, .026, .027, .028, .029, .030



FG-20-Q-6

This carbon steel gage set has 1/4" wide blades for narrow applications.

20 blades, 1/4" wide, 6" long.

Thickness (in inches) .008, .009, .010, .011, .012, .013, .014, .015, .016, .017, .018, .019, .020, .022, .024, .025, .026, .030, .032, .035



FG-26-6
XF SERIES

Our most versatile set ever. Not too short, not too long, and contains extra thick blades.

With an overall length of 6", this carbon steel gage set contains the most commonly requested sizes.

Thickness (in inches) .0015, .002, .0025, .003, .004, .005, .006, .007, .008, .009, .010, .011, .012, .013, .014, .015, .016, .018, .020, .022, .024, .026, .028, .030, .040, .060

For additional products, specifications, and ordering information visit www.metalloytooling.com or call 630.587.1188

Inch Feeler Gage Sets – Style FG

All feeler gage sets feature a metal holder to protect the blades when not in use and consist of many popular styles and sizes. The user can “fan” out the blades for easy selection, and then return the unused gages back into the holder. The screw and locknut can be tightened to secure the blades in working position. For easy identification, each blade is permanently marked with the blade thickness. All gages have smooth rounded edges and ends for comfort and safety.

Our steel blades are made of the finest quality high carbon steel that has been hardened and tempered for superior wear resistance. Our stainless steel blades are made of fully hardened and polished 300 series stainless steel noted for its outstanding resistance to corrosion. Both metals provide stable and dependable accuracy.

XF SERIES Eastern Industries’ professional grade gages, see page 1 for full description.

Part Number

Product Description



FG-25-12

Longer carbon steel blades in this gage set for difficult to reach applications.

25 blades, 1/2" and 12" long.

Thickness (in inches) .0015, .002, .003, .004, .005, .006, .007, .008, .009, .010, .011, .012, .013, .014, .015, .016, .017, .018, .019, .020, .021, .025, .027, .030, .040



FG-25-12-SS XF SERIES

This longer length gage set is 100% made of fully hardened, 300 series stainless steel for great wear and excellent corrosion resistance.

25 stainless steel blades, 1/2" wide and 12" long.

Thickness (in inches) .0015, .002, .003, .004, .005, .006, .007, .008, .009, .010, .011, .012, .013, .014, .015, .016, .017, .018, .019, .020, .021, .022, .023, .024, .025



FG-25-24-SS XF SERIES






This 24" length gage set is 100% made of fully hardened, 300 series stainless steel for great wear and excellent corrosion resistance. Commonly used as air gap gages.

25 stainless steel blades, 1/2" wide and 24" long.

Thickness (in inches) .0015, .002, .003, .004, .005, .006, .007, .008, .009, .010, .011, .012, .013, .014, .015, .016, .017, .018, .019, .020, .021, .022, .023, .024, .025

Assortment Packs – Style AP

Assortment packs contain the most common and most requested sizes of feeler gage. These are the same high quality blades as on page 4 but are available individually and without the minimum package quantity. For convenience, we've added an extra blade on many of the thin (consumable) sizes.

Part Number	Product Description
	<p>AP20-12CS Assortment Pack - 20 Carbon Steel Blades</p> <p>1/2" x 12" Long blades.</p> <p>.001 (2), .0015 (2), .002 (2), .003, .004, .005, .006, .007, .008, .009, .010, .012, .015, .016, .018, .020, .025</p>
	<p>AP20-6CS Assortment Pack - 20 Carbon Steel Blades</p> <p>1/2" x 6" Long blades, with hole in one end.</p> <p>.001 (2), .0015 (2), .002 (2), .003, .004, .005, .006, .007, .008, .009, .010, .012, .015, .016, .018, .020, .025</p>
	<p>AP20-12SS Assortment Pack - 20 Stainless Steel Blades</p> <p>1/2" x 12" Long blades.</p> <p>.0005 (2), .001 (2), .0015 (2), .002 (2), .003, .004, .005, .006, .007, .008, .009, .010, .012, .015, .020, .025, .030</p>
	<p>AP20-6SS Assortment Pack - 20 Stainless Steel Blades</p> <p>1/2" x 6" Long blades, with hole in one end.</p> <p>.0005 (2), .001 (2), .0015 (2), .002 (2), .003, .004, .005, .006, .007, .008, .009, .010, .012, .015, .020, .025, .030</p>
	<p>MAP15-300CS Assortment Pack - 15 Carbon Steel Metric Blades</p> <p>12.7mm x 300mm Long blades.</p> <p>.02mm (2), .03mm, .04mm (2), .05mm, .06mm, .07mm, .08mm, .09mm, .10mm (2), .13mm, .15mm, .18mm</p>

For additional products, specifications, and ordering information visit www.metalloytooling.com or call 630.587.1188

High Carbon Steel Feeler Blades – Style FB

High Carbon Steel Feeler Coils – Style FC



Widely used by many industries as gages to precisely measure clearances and as shims to accurately set spacing, our standard feeler gage is conveniently available in 6" and 12" strips, and 25' coils. Our steel blades are made of the highest quality carbon steel. All blades are permanently marked with the thickness for easy identification.

Thickness	Thickness Tolerances	FB ½" x 6" Long	FB ½" x 12" Long	FC ½" x 25' Coils
.001	±.000120	FB.001-6CS	FB.001-12CS	FC.001-25CS
.0015	±.000120	FB.0015-6CS	FB.0015-12CS	FC.0015-25CS
.002	±.000160	FB.002-6CS	FB.002-12CS	FC.002-25CS
.0025	±.000160	FB.0025-6CS	FB.0025-12CS	FC.0025-25CS
.003	±.000200	FB.003-6CS	FB.003-12CS	FC.003-25CS
.0035	±.000200	FB.0035-6CS	FB.0035-12CS	FC.0035-25CS
.004	±.000200	FB.004-6CS	FB.004-12CS	FC.004-25CS
.005	±.000240	FB.005-6CS	FB.005-12CS	FC.005-25CS
.006	±.000280	FB.006-6CS	FB.006-12CS	FC.006-25CS
.007	±.000280	FB.007-6CS	FB.007-12CS	FC.007-25CS
.008	±.000310	FB.008-6CS	FB.008-12CS	FC.008-25CS
.009	±.000310	FB.009-6CS	FB.009-12CS	FC.009-25CS
.010	±.000350	FB.010-6CS	FB.010-12CS	FC.010-25CS
.011	±.000350	FB.011-6CS	FB.011-12CS	FC.011-25CS
.012	±.000350	FB.012-6CS	FB.012-12CS	FC.012-25CS
.013	±.000350	FB.013-6CS	FB.013-12CS	FC.013-25CS
.014	±.000430	FB.014-6CS	FB.014-12CS	FC.014-25CS
.015	±.000430	FB.015-6CS	FB.015-12CS	FC.015-25CS
.016	±.000430	FB.016-6CS	FB.016-12CS	FC.016-25CS
.017	±.000470	FB.017-6CS	FB.017-12CS	FC.017-25CS
.018	±.000470	FB.018-6CS	FB.018-12CS	FC.018-25CS
.019	±.000470	FB.019-6CS	FB.019-12CS	FC.019-25CS
.020	±.000470	FB.020-6CS	FB.020-12CS	FC.020-25CS

High Carbon Steel Feeler Blades – Style FB

High Carbon Steel Feeler Coils – Style FC



STYLE FB Each 1/2" wide blade is enclosed in a blue vinyl sleeve and packed 12 blades per carton. If you need small quantities of various sizes, see our assortment packs on page 5. Our cartons are made of a tough polypropylene and are marked with the material type and thickness.

6" Blades Come with a 3/16" diameter hole centered 1/4" from one end.

12" Blades Do not have holes, so both ends can be used.

STYLE FC Coils are clearly marked with thickness every 6" and packaged in a clear reusable plastic container.

25' Coils over .030 thick do not have size marked.

Thickness	Thickness Tolerances	FB ½" x 6" Long	FB ½" x 12" Long	FC ½" x 25' Coils
.021	±.000500	FB.021-6CS	FB.021-12CS	FC.021-25CS
.022	±.000500	FB.022-6CS	FB.022-12CS	FC.022-25CS
.023	±.000500	FB.023-6CS	FB.023-12CS	FC.023-25CS
.024	±.000500	FB.024-6CS	FB.024-12CS	FC.024-25CS
.025	±.000500	FB.025-6CS	FB.025-12CS	FC.025-25CS
.026	±.000500	FB.026-6CS	FB.026-12CS	FC.026-25CS
.027	±.000500	FB.027-6CS	FB.027-12CS	FC.027-25CS
.028	±.000500	FB.028-6CS	FB.028-12CS	FC.028-25CS
.029	±.000500	FB.029-6CS	FB.029-12CS	FC.029-25CS
.030	±.000500	FB.030-6CS	FB.030-12CS	FC.030-25CS
.031	±.000500	FB.031-6CS	FB.031-12CS	FC.031-25CS
.032	±.000500	FB.032-6CS	FB.032-12CS	FC.032-25CS
.033	±.000500	FB.033-6CS	FB.033-12CS	FC.033-25CS
.034	±.000500	FB.034-6CS	FB.034-12CS	FC.034-25CS
.035	±.000500	FB.035-6CS	FB.035-12CS	FC.035-25CS
.036	±.000500	FB.036-6CS	FB.036-12CS	FC.036-25CS
.037	±.000500	FB.037-6CS	FB.037-12CS	FC.037-25CS
.038	±.000500	FB.038-6CS	FB.038-12CS	FC.038-25CS
.039	±.000500	FB.039-6CS	FB.039-12CS	FC.039-25CS
.040	±.000500	FB.040-6CS	FB.040-12CS	FC.040-25CS

Coils .021 and up are made upon request and ship within 1-3 days.

For additional products, specifications, and ordering information visit www.metalloytooling.com or call 630.587.1188



Our heavy thickness stock feeler gages are available in 1/2" wide by 12" long blades. We only use high quality, spring tempered steel. This material provides stable accuracy and superior wear resistance. Each blade is enclosed in a blue vinyl sleeve with a transparent top so you can see the thickness marking.

Our cartons are made of tough polypropylene and are marked with the type of material and thickness.

Thickness tolerance for all blades is ±.0005. Standard packaging is 6 blades per carton.

Thickness	FB ½" x 12" Long	Thickness	FB ½" x 12" Long
.041	FB.041-12CS	.0625	FB.0625-12CS
.042	FB.042-12CS	.063	FB.063-12CS
.043	FB.043-12CS	.064	FB.064-12CS
.044	FB.044-12CS	.065	FB.065-12CS
.045	FB.045-12CS	.066	FB.066-12CS
.046	FB.046-12CS	.067	FB.067-12CS
.047	FB.047-12CS	.068	FB.068-12CS
.048	FB.048-12CS	.069	FB.069-12CS
.049	FB.049-12CS	.070	FB.070-12CS
.050	FB.050-12CS	.071	FB.071-12CS
.051	FB.051-12CS	.072	FB.072-12CS
.052	FB.052-12CS	.073	FB.073-12CS
.053	FB.053-12CS	.074	FB.074-12CS
.054	FB.054-12CS	.075	FB.075-12CS
.055	FB.055-12CS	.076	FB.076-12CS
.056	FB.056-12CS	.077	FB.077-12CS
.057	FB.057-12CS	.078	FB.078-12CS
.058	FB.058-12CS	.079	FB.079-12CS
.059	FB.059-12CS	.080	FB.080-12CS
.060	FB.060-12CS	.081	FB.081-12CS
.061	FB.061-12CS	.082	FB.082-12CS
.062	FB.062-12CS	.083	FB.083-12CS

Modifications available

Cut to length: Square ends or standard radius ends.

Holes: A hole can be added to one or both ends.

Bend: Blades can be bent to many angles.

Etch: Part numbers and/or logos can be added onto blades.

Ask a sales representative for prices and lead time.



Square End



Etched



Bent



Hole

Thickness	FB ½" x 12" Long	Thickness	FB ½" x 12" Long
.084	FB.084-12CS	.105	FB.105-12CS
.085	FB.085-12CS	.106	FB.106-12CS
.086	FB.086-12CS	.107	FB.107-12CS
.087	FB.087-12CS	.108	FB.108-12CS
.088	FB.088-12CS	.109	FB.109-12CS
.089	FB.089-12CS	.110	FB.110-12CS
.090	FB.090-12CS	.111	FB.111-12CS
.091	FB.091-12CS	.112	FB.112-12CS
.092	FB.092-12CS	.113	FB.113-12CS
.093	FB.093-12CS	.114	FB.114-12CS
.094	FB.094-12CS	.115	FB.115-12CS
.095	FB.095-12CS	.116	FB.116-12CS
.096	FB.096-12CS	.117	FB.117-12CS
.097	FB.097-12CS	.118	FB.118-12CS
.098	FB.098-12CS	.119	FB.119-12CS
.099	FB.099-12CS	.120	FB.120-12CS
.100	FB.100-12CS	.121	FB.121-12CS
.101	FB.101-12CS	.122	FB.122-12CS
.102	FB.102-12CS	.123	FB.123-12CS
.103	FB.103-12CS	.124	FB.124-12CS
.104	FB.104-12CS	.125	FB.125-12CS

Stainless Steel Feeler Blades – Style FB



Material is a 300 series stainless steel noted for its outstanding resistance to corrosion. All blades are permanently marked with the thickness.

Package quantities are 12 pieces per carton. If you need small quantities of various sizes, see our assortment packs on page 5. Our cartons are made of a tough polypropylene and are marked with the material type and thickness.

Thickness	Thickness Tolerances	FB ½" x 6" Long	FB ½" x 12" Long	FB 1" x 12" Long
.0005	±.000050	FB.0005-6SS	FB.0005-12SS	FB.0005-1-12SS
.001	±.000120	FB.001-6SS	FB.001-12SS	FB.001-1-12SS
.0015	±.000120	FB.0015-6SS	FB.0015-12SS	FB.0015-1-12SS
.002	±.000160	FB.002-6SS	FB.002-12SS	FB.002-1-12SS
.0025	±.000160	FB.0025-6SS	FB.0025-12SS	FB.0025-1-12SS
.003	±.000200	FB.003-6SS	FB.003-12SS	FB.003-1-12SS
.0035	±.000200	FB.0035-6SS	FB.0035-12SS	FB.0035-1-12SS
.004	±.000200	FB.004-6SS	FB.004-12SS	FB.004-1-12SS
.0045	±.000240	FB.0045-6SS	FB.0045-12SS	FB.0045-1-12SS
.005	±.000240	FB.005-6SS	FB.005-12SS	FB.005-1-12SS
.006	±.000280	FB.006-6SS	FB.006-12SS	FB.006-1-12SS
.007	±.000280	FB.007-6SS	FB.007-12SS	FB.007-1-12SS
.008	±.000310	FB.008-6SS	FB.008-12SS	FB.008-1-12SS
.009	±.000310	FB.009-6SS	FB.009-12SS	FB.009-1-12SS
.010	±.000350	FB.010-6SS	FB.010-12SS	FB.010-1-12SS
.011	±.000350	FB.011-6SS	FB.011-12SS	FB.011-1-12SS
.012	±.000350	FB.012-6SS	FB.012-12SS	FB.012-1-12SS
.013	±.000350	FB.013-6SS	FB.013-12SS	FB.013-1-12SS

- 1/2" Wide Blades** Each blade is enclosed in a red vinyl sleeve with a transparent top so you can see the thickness marking.
- 6" Blades** Come with a 3/16" diameter hole centered 1/4" from one end with radius ends.
- 12" Blades** Have radius ends and do not have holes, so both ends can be used.

1" Wide Blades Each blade is 12" long with square ends and is enclosed in a clear sleeve. These blades do not have holes so both ends can be used.

Thickness	Thickness Tolerances	FB ½" x 6" Long	FB ½" x 12" Long	FB 1" x 12" Long
.014	±.000430	FB.014-6SS	FB.014-12SS	FB.014-1-12SS
.015	±.000430	FB.015-6SS	FB.015-12SS	FB.015-1-12SS
.016	±.000430	FB.016-6SS	FB.016-12SS	—
.017	±.000470	FB.017-6SS	FB.017-12SS	—
.018	±.000470	FB.018-6SS	FB.018-12SS	—
.019	±.000470	FB.019-6SS	FB.019-12SS	—
.020	±.000470	FB.020-6SS	FB.020-12SS	—
.021	±.000500	FB.021-6SS	FB.021-12SS	—
.022	±.000500	FB.022-6SS	FB.022-12SS	—
.023	±.000500	FB.023-6SS	FB.023-12SS	—
.024	±.000500	FB.024-6SS	FB.024-12SS	—
.025	±.000500	FB.025-6SS	FB.025-12SS	—
.026	±.000500	FB.026-6SS	FB.026-12SS	—
.030	±.000500	FB.030-6SS	FB.030-12SS	—
.031	±.000500	FB.031-6SS	FB.031-12SS	—

Stainless Steel Feeler Coils – Style FC



Material is a 300 series stainless steel noted for its outstanding resistance to corrosion. All coils are permanently marked with the thickness.

STYLE FC Coils are clearly marked with thickness every 6" and are packaged in a clear reusable plastic container.

NOTE: .0005 and coils over .030 do not have the size marked on the material.

Thickness	Tolerances	FC ½" x 25' Coils	FC 1" x 25' Coils
.0005	±.000050	FC.0005-25SS	FC.0005-I-25SS
.001	±.000120	FC.001-25SS	FC.001-I-25SS
.0015	±.000120	FC.0015-25SS	FC.0015-I-25SS
.002	±.000160	FC.002-25SS	FC.002-I-25SS
.0025	±.000160	FC.0025-25SS	FC.0025 -I-25SS
.003	±.000200	FC.003-25SS	FC.003-I-25SS
.0035	±.000200	FC.0035-25SS	FC.0035-I-25SS
.004	±.000200	FC.004-25SS	FC.004-I-25SS
.0045	±.000240	FC.0045-25SS	FC.0045-I-25SS
.005	±.000240	FC.005-25SS	FC.005-I-25SS
.006	±.000280	FC.006-25SS	FC.006-I-25SS
.007	±.000280	FC.007-25SS	FC.007-I-25SS
.008	±.000310	FC.008-25SS	FC.008-I-25SS
.009	±.000310	FC.009-25SS	FC.009-I-25SS
.010	±.000350	FC.010-25SS	FC.010-I-25SS
.011	±.000350	FC.011-25SS	FC.011-I-25SS
.012	±.000350	FC.012-25SS	FC.012-I-25SS
.013	±.000350	FC.013-25SS	FC.013-I-25SS
.014	±.000430	FC.014-25SS	FC.014-I-25SS
.015	±.000430	FC.015-25SS	FC.015-I-25SS

Stainless Steel Feeler Coils – Style FC

Thickness	Tolerances	FC ½" x 25' Coils	FC 1" x 25' Coils
.016	±.000430	FC.016-25SS	—
.017	±.000470	FC.017-25SS	—
.018	±.000470	FC.018-25SS	—
.019	±.000470	FC.019-25SS	—
.020	±.000470	FC.020-25SS	—
.021	±.000500	FC.021-25SS	—
.022	±.000500	FC.022-25SS	—
.023	±.000500	FC.023-25SS	—
.024	±.000500	FC.024-25SS	—
.025	±.000500	FC.025-25SS	—
.026	±.000500	FC.026-25SS	—
.030	±.000500	FC.030-25SS	—
.031	±.000500	FC.031-25SS	—

Coils .016 and up are made upon request and ship within 1-3 days.

Stainless Steel Shim Stock – Style SH



STYLE SH 300 Series Full Hard Stainless Steel. Excellent for cutting into small and odd shaped pieces. Useful for making spring clips, retainers, and washers.

Thickness	SH 6" x 50" Rolls	Thickness	SH 6" x 50" Rolls
.0005	SH.0005-6-50SS	.008	SH.008-6-50SS
.001	SH.001-6-50SS	.009	SH.009-6-50SS
.0015	SH.0015-6-50SS	.010	SH.010-6-50SS
.002	SH.002-6-50SS	.012	SH.012-6-50SS
.003	SH.003-6-50SS	.015	SH.015-6-50SS
.004	SH.004-6-50SS	.020	SH.020-6-50SS
.005	SH.005-6-50SS	.025	SH.025-6-50SS
.006	SH.006-6-50SS	.031	SH.031-6-50SS
.007	SH.007-6-50SS		

For additional products, specifications, and ordering information visit www.metalloytooling.com or call 630.587.1188



When the application calls for metric gages to measure clearances, or shims to accurately set spacing, our true metric sizes get the job done without converting to inches. Our blades are made of the finest quality high carbon steel. This material provides stable accuracy and superior wear resistance. All material is permanently marked with the thickness for easy identification. Each package is also marked with the material type and thickness.

Thickness	Thickness Tolerances	MFB 12.7mm x 300mm	MFC 12.7mm x 7.62 Meters
0.02mm	±0.0030	MFB.02-300CS	MFC.02-7.62CS
0.03mm	±0.0030	MFB.03-300CS	MFC.03-7.62CS
0.04mm	±0.0030	MFB.04-300CS	MFC.04-7.62CS
0.05mm	±0.0040	MFB.05-300CS	MFC.05-7.62CS
0.06mm	±0.0040	MFB.06-300CS	MFC.06-7.62CS
0.07mm	±0.0051	MFB.07-300CS	MFC.07-7.62CS
0.08mm	±0.0051	MFB.08-300CS	MFC.08-7.62CS
0.09mm	±0.0051	MFB.09-300CS	MFC.09-7.62CS
0.10mm	±0.0051	MFB.10-300CS	MFC.10-7.62CS
0.13mm	±0.0061	MFB.13-300CS	MFC.13-7.62CS
0.15mm	±0.0071	MFB.15-300CS	MFC.15-7.62CS
0.18mm	±0.0071	MFB.18-300CS	MFC.18-7.62CS
0.20mm	±0.0079	MFB.20-300CS	MFC.20-7.62CS
0.25mm	±0.0089	MFB.25-300CS	MFC.25-7.62CS
0.30mm	±0.0089	MFB.30-300CS	MFC.30-7.62CS
0.35mm	±0.0109	MFB.35-300CS	MFC.35-7.62CS
0.40mm	±0.0119	MFB.40-300CS	MFC.40-7.62CS
0.45mm	±0.0119	MFB.45-300CS	MFC.45-7.62CS
0.50mm	±0.0127	MFB.50-300CS	MFC.50-7.62CS
0.55mm	±0.0127	MFB.55-300CS	MFC.55-7.62CS
0.60mm	±0.0127	MFB.60-300CS	MFC.60-7.62CS
0.65mm	±0.0127	MFB.65-300CS	MFC.65-7.62CS

Coils .50 and up are made upon request and ship within 1-3 days.

STYLE – MFB Metric feeler gages are 300mm (12") long and are available up to 3mm thick. Each blade is enclosed in a vinyl sleeve with a transparent top for gage identification. Standard packaging for gages up to 1.00mm is 12 blades per carton, and 6 blades per carton for gages over 1.00mm thick. Our cartons are made of a tough polypropylene case for long lasting protection.

STYLE – MFC Metric feeler coils come 7.62 meters (25 ft) long and are clearly marked with thickness every 150mm (6"). Each coil is packaged in a clear reusable plastic container. Shaded sizes are made upon request and ship within 1-3 days.

NOTE: Coils over 0.75mm thick do not have the size marked on the material except as a special order.

Thickness	Thickness Tolerances	MFB 12.7mm x 300mm	MFC 12.7mm x 7.62 Meters
0.70mm	±0.0127	MFB.70-300CS	MFC.70-7.62CS
0.75mm	±0.0127	MFB.75-300CS	MFC.75-7.62CS
0.80mm	±0.0127	MFB.80-300CS	MFC.80-7.62CS
0.85mm	±0.0127	MFB.85-300CS	MFC.85-7.62CS
0.90mm	±0.0127	MFB.90-300CS	MFC.90-7.62CS
0.95mm	±0.0127	MFB.95-300CS	MFC.95-7.62CS
1.00mm	±0.0127	MFB1.00-300CS	MFC1.00-7.62CS
1.50mm	±0.0127	MFB1.50-300CS	—
2.00mm	±0.0127	MFB2.00-300CS	—
2.50mm	±0.0127	MFB2.50-300CS	—
3.00mm	±0.0127	MFB3.00-300CS	—

Coils .50 and up are made upon request and ship within 1-3 days.

Metric Taper Gages

Eastern Industries' taper gages were designed specifically for making quick, accurate readings. Thickness is permanently laser marked. The 100:1 taper allows the thickness to be easily read due to each graduation spaced exactly 1mm apart. Each gage is made from high carbon spring steel to resist wear and for flexibility to retain accuracy after prolonged use.




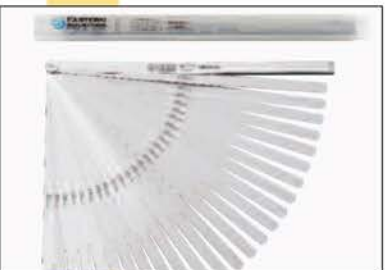


MTBI.00-150CS This blade is tapered from 0.10mm-1.00mm. Graduations are in 0.01mm increments with a thickness tolerance of ±0.005mm. Overall dimensions are 12.7mm x 100mm.

Metric Feeler Gage Sets – Style MFG

All of the blades in our metric feeler gage sets are true metric sizes and are made of high carbon steel. All thicknesses are measured in millimeters and sizes are marked on each blade for easy identification. Each gage set comes assembled in a U shaped metal holder to protect the blades when not in use. The user can "fan" out the blades for easy selection, and then return the unused gages back into the holder. The screw and locknut can be tightened to secure the blades in working position.

XF SERIES Eastern Industries' professional grade gages, see page 1 for full description.

	Part Number	Product Description
	MFG-25-610 XF SERIES	<p>Typically used in the power and utilities industries, this set has extremely long blades (610mm, 24") to get into really hard to reach areas.</p> <p>25 blades, 12.7mm (1/2") wide and 610mm (24") long.</p> <p>Thickness (in millimeters) 0.04, 0.05, 0.06, 0.07, 0.08, 0.09, 0.10, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.55, 0.60, 0.65, 0.70, 0.80, 0.85, 0.90, 0.95, 1.00</p>
	MFG-25-76	<p>This gage set holds the most popular and common sizes for a wide variety of applications.</p> <p>25 blades, 12.7mm (1/2") wide and 76mm (3") long.</p> <p>Thickness (in millimeters) 0.04, 0.05, 0.06, 0.07, 0.08, 0.09, 0.10, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.55, 0.60, 0.65, 0.70, 0.75, 0.80, 0.85, 0.90, 0.95, 1.00</p>
	MFG-25-T-76	<p>The blades in this carbon steel set taper from 12.7mm (1/2") down to 6.35mm (1/4") at the tip. An excellent choice for applications where wide blades won't fit.</p> <p>25 blades, 12.7mm (1/2") wide, tapered to 6.35mm (1/4") and 76mm (3") long.</p> <p>Thickness (in millimeters) 0.04, 0.05, 0.06, 0.07, 0.08, 0.09, 0.10, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.55, 0.60, 0.65, 0.70, 0.75, 0.80, 0.85, 0.90, 0.95, 1.00</p>
	MFG-25-12 XF SERIES	<p>The longer carbon steel blades in this set are great for hard to reach applications.</p> <p>25 blades, 12.7mm (1/2") wide and 300mm (12") long.</p> <p>Thickness (in millimeters) 0.04, 0.05, 0.06, 0.07, 0.08, 0.09, 0.10, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.55, 0.60, 0.65, 0.70, 0.75, 0.80, 0.85, 0.90, 0.95, 1.00</p>

Create Your Own 6" Long Gage Set

Use this guide to design your own 6" long custom feeler gage set. You can choose any combination of carbon steel and stainless steel blades (combined thickness not to exceed .875 thick). Your custom feeler gage set will be manufactured, assembled, and shipped within two weeks. A unique part number is assigned to every gage set combination for easy reordering.

1 Choose Blades – Pick any blade and any number of blades you want from our gage list. All blades are 6" long with the thickness clearly etched. Thickness tolerances are listed on page 8.

2 Choose the Assembly Style That Best Fits Your Needs:

Fan style case – A stainless steel U shaped holder with finger slots gives the best protection for your gages. This also allows you to flip out one blade at a time and lock it in place with the thumb



screw. If all requested blades are stainless steel, stainless steel assembly components will be used automatically.

This assembly type will also come with our tough see-through plastic case for your toolbox.

Key Ring – Our extra heavy duty key rings won't fall apart. This assembly type allows quick access to the correct feeler gage.



Standard packaging is a VCI (volatile corrosion inhibitor) bag to help protect the gages when not in use.

Pear Clip – This is the right choice if you frequently plan to remove or add blades to the set. A quick push allows the clip to open and close so you can easily adjust the order or add more blades.



Standard packaging is a VCI (volatile corrosion inhibitor) bag to help protect the gages when not in use.

3 **Customize** – We can laser mark designs, logos and bar codes directly on the case or an ID Tag.



Marked Case



ID Tag



Bar Codes



Logos

1/2" x 6" Long Carbon Steel Blades

Size	Qty.	Size	Qty.	Size	Qty.	Size	Qty.
.001		.011		.024		.037	
.0015		.012		.025		.038	
.002		.013		.026		.039	
.0025		.014		.027		.040	
.003		.015		.028		.050	
.0035		.016		.029		.060	
.004		.017		.030		.070	
.005		.018		.031		.080	
.006		.019		.032		.090	
.007		.020		.033		.100	
.008		.021		.034		.125	
.009		.022		.035			
.010		.023		.036			

1/2" x 6" Long Stainless Steel Blades

Size	Qty.	Size	Qty.	Size	Qty.	Size	Qty.
.001		.006		.014		.022	
.0015		.007		.015		.023	
.002		.008		.016		.024	
.0025		.009		.017		.025	
.003		.010		.018		.026	
.0035		.011		.019		.030	
.004		.012		.020		.031	
.005		.013		.021			

Custom Products

Our wide range of machining capabilities and quality practices allow us to provide much more than just gages. Many of the custom products we manufacture are used as machine components, medical products, hand tools, automotive parts, and aerospace products. Let us help you realize increased production rates by reducing wastes such as waiting, defects, and excessive motion. Rather than fumble trying to make do with "off the shelf" items, your employees will be more productive using a tool made specifically for your application. Help your employees improve their production by contacting us with your specifications.

Feeler Gage Sets



This is what we do best! We can provide special markings, blade shapes, blade sizes, assembly options, and alternative packaging options to meet your specific needs.

Custom gages can quickly be made from any of our stock materials, including high carbon steel and stainless steel. Special materials are also available.

See page 17 for gage sets that are available right out of our catalog with fast delivery.

Ground and Cut Shapes



Our on-site, full service machining capabilities allow us to offer many value-priced options designed to accommodate almost any application. A properly designed tool can improve production efficiency and productivity. Common applications are lead protrusion gages, machine components, and special profile gages. Form ground or EDM wire cut blades, shapes are available as single size lots, or they can be applied to entire gage sets. We can also provide special markings, blade sizes, assembly options, and packaging to meet your requirements.

We manufacture custom doctor blades up to 24" long with ground and lapped edges straight within .001. Whether using standard material from our extensive inventory, or special material that you specify, our short lead times will measure up to your expectations.

Length Gage Sets



Extra length gages can quickly be made using our extensive selection of on-site stock materials. Gages are available as single blades or as a set. We commonly manufacture air gap gages for power and utility companies in 24", 36", and 48" lengths.

Blade thickness from .0005" to .040" can be made to any length. In that size range we have provided gage sets from 1 inch long to over 4 feet long with U shaped fan style holders.

All material is permanently marked with the thickness for easy identification. Metric sizes are also available.

Custom Products

Whether you need a small quantity or plan to distribute internationally for private label, we can provide pricing and lead times to meet your demands. Our on-site technicians and fully-equipped production facilities can provide you with ideas and methods that work. Contact us today for a custom quote.

Thickness and Width Feeler Gages



The special gages in this thicker size range are made from our stock raw material, which is the finest quality high carbon steel. Our materials are always fully hardened to provide stable accuracy and superior wear resistance.

Because we finish grind each blade to size, we are able to offer "in between" sizes in any .0001" increment on thicknesses and widths. These custom gages are available with a quick turnaround time in lengths up to 24".

The standard tolerance is ± 0.0005 " (± 0.0127 mm). However thickness tolerances of ± 0.0001 are available if your application requires it.

When a step is added, you get two gages in one. Use as a Go/No-Go gage or use each end for different applications. Steps can be a huge time saver for your employees and they reduce the number of overall tools required.

All gages are permanently marked with the thickness for easy identification.

Soldered Assemblies and Bent Forms



Our stamping and bending facilities will enable you to design a way around obstructions. Special cut off, grinding, and laser capabilities allow us to manufacture the right tool to do the job right.

If we can't get around it by bending, we can manufacture assemblies that are precise and durable. In many cases, the measuring blade is made from our standard close tolerance feeler gage stock, securely silver-soldered to a custom handle. Special blades are also available.

We can also provide gages with special markings, blade shapes, blade sizes, assembly options, and packaging to meet your needs.

Other Custom Products and Services



We have the ability to laser mark or laser engrave your part numbers, logos, bar codes, serial numbers or graduated scales. Spot weld multiple or extra thin gages together to allow accurate and flexible measurements.

Riveted assemblies guarantee feeler gages won't come undone while measuring your products.

Private label packaging and fast lead times allow you to keep inventories low and keep promises to your customers.

Your requests will be promptly quoted and our efficient on-site operations will assure you of quick production turnarounds and deliveries.