

Indicating Thread Snap Gage 852



Features

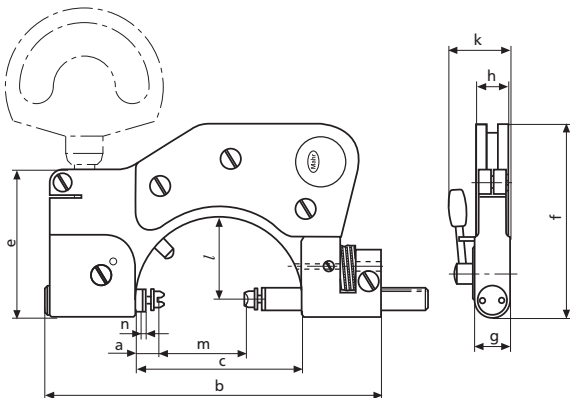
- For measuring pitch, root and outside diameters of all kinds of external threads as well as serrations
- Rugged, forged steel frame with heat insulators
- Measuring spindle is mounted in long guide way with lever-controlled retraction
- Anvil spindle can easily be fine adjusted
- Measuring spindle and anvil spindle are both made of hardened stainless steel, with mounting bore for insertion of interchangeable anvils
- Adjustable center stop for automatic alignment
- Maximum wear resistance due to non-contact positioning
- Constant measuring force as a result of built-in spring, thus eliminating user influence
- Universally applicable and extremely versatile. each instrument spans a broad measuring range
- Supplied with: Wooden case, steel flat contact points 903

Technical Data

	Measuring range*		Repeatability f_w μm	Measuring force N	Order no.**
	mm	(inch)			
852	0 - 45	(0 - 1.77")	1	7.5	4510000
852	45 - 85	(1.77 - 3.34")	1	7.5	4510001
852	85 - 140	(3.34 - 5.51")	1	9	4510002
852	140 - 190	(5.51 - 7.48")	1	9	4510003

* Depending upon which anvils are being used, purchase separately

** Excludes indicating instrument and anvils



Meas. range m (mm)	0-45	45-85	85-140	140-190
Dist mov. anvil n (mm)	2	2.5	2.5	2.5

a*	13	8	10	6
b	140	193	258	316
c	68	110	162	212
e	60	60	70	75
f	77	103	141	171
g	13	14	16	16
h	13	13	12	12
k	25	28	31	31
l	34	59	87	112

a* = In initial position

Technical Data

Indicating Instruments

All indicating instruments that has a 8 mm mounting shank may be used. Recommended are:

Dial Comparator	Readings mm / inch	Order no. mm / inch
Compramess 1004 / 1004 Z	5 µm/ .0001"	4333000/4333900
Millimess 1003 / 1003 Z	1 µm/ .00005"	4334000/4334900
Millimess 1003 XL	2 µm	4334001
Supramess 1002 / 1002 Z	0.5 µm/ .00002"	4335000/4335900
Extramess 2000	0.2 µm/ .00001"	
	0.5 µm/ .00002"	4346000*
	1 µm/ .00005"	
Extramess 2001	0.2 µm/ .00001"	
	0.5 µm/ .00002"	4346100*
	1 µm/ .00005"	
µMaxµm II	.0005 mm/ .00002"	2034205*

Digital Indicators see Chapter 5

Electrical Indicating Instruments see Chapter 7

* 230 V, for 115 V please refer to page 6-5 ** requires contact 4360107



2000



1003

Accessories

Interchangeable Anvils please refer to Pages 9-19

Thread Setting Plug Gages see Page 13-14

Holder 840 Fk and **Stand 840 Ff** (for 0-45 mm) see Page 9-15