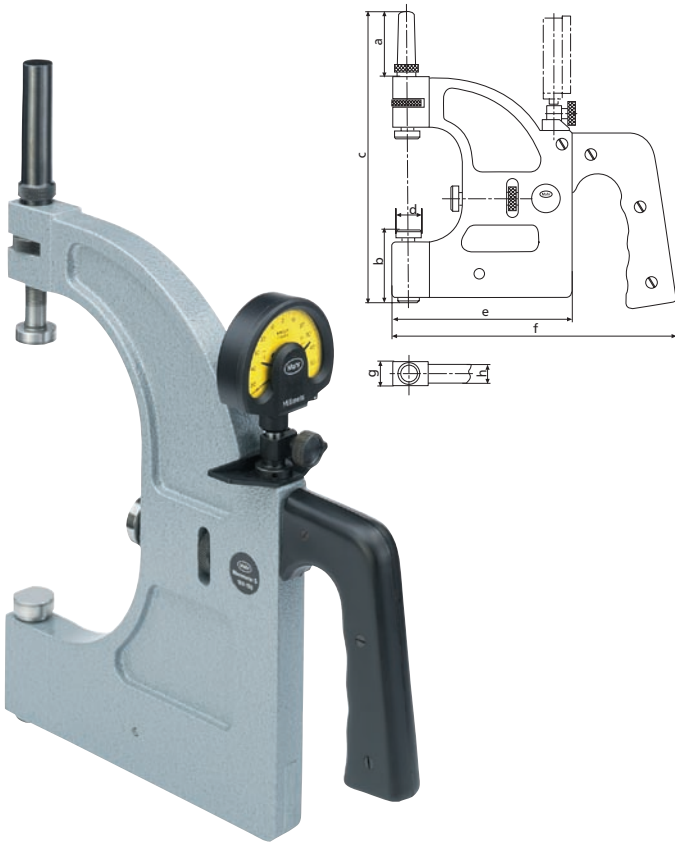


Indicating Snap Gages 840 FS MaraMeter S

Features

- For all kinds of cylindrical work pieces, whether directly on a machine tool or in the production control
- Rigid frame; convenient handle with heat insulators open on one end to eliminate heat transfer from operators hand
- Both spindles are made of hardened stainless steel and mounted in long guide ways

- Carbide-tipped measuring faces slightly chamfered at the front to facilitate positioning
- Projects over width of frame for measurement of narrow registers or when measuring directly at shoulders
- Maximum accuracy. Straight transfer of spindle movement to indicator. During the measurement, the weight of the gage rests on the anvil spindle
- Adjustable center stop for automatic alignment
- Indicating instrument is protected against possible impact during handling by a laterally projecting guard
- Direct indication and evaluation of measurement results
- Universally applicable and extremely versatile, each instrument spans a broad measuring range, within this range any dimension and fit can be very quickly and easily adjusted
- Constant measuring force as a result of built-in spring, thus eliminating operator influence



Dimensions

Meas. range mm	dia. d	a	b	c	e	f	g	h
10 - 30	18	37	46	154	87	161	17	15
30 - 60	18	45	51	199	122	196	17	15
60 - 100	22	56	62	260	154	228	20	18
100 - 150	22	71	62	335	189	263	20	18
150 - 200	22	71	62	385	214	288	20	18
200 - 250	22	71	62	436	248	322	20	18
250 - 300	22	71	62	487	280	354	20	18
300 - 350	22	71	62	537	310	384	20	18
350 - 400	22	71	62	587	350	424	20	18
400 - 450	22	71	62	637	380	454	20	18
450 - 500	22	71	62	687	410	484	20	18

Technical Data

Measuring range		Measuring force N	Distance of moveable anvil mm	Meas. faces		Weight kg	Order no.*	Order no. Wooden case
mm	(inch)			flat-ness µm	Paralle- lism µm			
10 - 30	(.39 - 1.18")	13.5	0.7	≤ 0.5	≤ 3	0.6	4455000	4455020
30 - 60	(1.18 - 2.36")	13.5	0.7	≤ 0.5	≤ 3	0.9	4455001	4455021
60 - 100	(2.36 - 4")	13.5	0.7	≤ 0.5	≤ 3	1.3	4455002	4455022
100 - 150	(4 - 6")	15	0.7	≤ 0.5	≤ 3	1.7	4455003	4455023
150 - 200	(6 - 8")	15	0.7	≤ 0.5	≤ 3	2.0	4455004	4455024
200 - 250	(8 - 10")	15	0.7	≤ 0.5	≤ 3	2.2	4455005	4455025
250 - 300	(10 - 12")	15	0.7	≤ 0.5	≤ 3	2.5	4455006	4455026
300 - 350	(12 - 14")	15	0.7	≤ 0.5	≤ 4	3.3	4455007	4455027
350 - 400	(14 - 16")	15	0.7	≤ 0.5	≤ 4	3.3	4455008	4455028
400 - 450	(16 - 18")	15	0.7	≤ 0.5	≤ 4	4.3	4455009	4455029
450 - 500	(18 - 20")	15	0.7	≤ 0.5	≤ 4	4.7	4455010	4455030

* Excludes indicating instrument

Accessories for Indicating Snap Gages 840 FS MaraMeter S

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"	4346000*
	0.5 µm/ .00002"	4346100*
	1 µm/ .00005"	4346100*
Extramess 2001	0.2 µm/ .00001"	4346100*
	0.5 µm/ .00002"	4346100*
µMaxµm	1 µm/ .00005"	4346100*
	0.5 µm / .00002"	EDI-20302**

Digital Indicators see Chapter 5

Electrical Indicating Instruments see Chapter 7

* 230 V, for 115 V please refer to page 6-5 ** requires contact 4360045

