



Dial Gauge Z 2/30 Ta

Reading **.001"**
Range **1"**
Bezel-Ø **2 1/4"**
Stem-Ø **3/8"**
Accuracy according to ANSI



Comparator Gauge Compika 1005 Z

Reading **.00005"**
Range **.004"**
Bezel-Ø **2.44"**
Accuracy analogous to DIN 879-1



Dial Test Indicator K 46 Z

Reading **.0001"**
Range **.008"**
Bezel-Ø **1 9/16"**
Accuracy analogous to DIN 2270

Inch Reading Precision Dial Gauges / Dial Test Indicators



The well thought-out design, accurate components and robust construction of our Precision Dial Gauge series offer reliability, durability and a long working life.

Käfer reserves the right to modify or change the design of products shown in this brochure, without notice.

The right includes also changes in specifications.

Inch Reading Precision Dial Gauges to ANSI Standard

Technical data for Inch Reading Precision Dial Gauges to ANSI Standard							
Type	Reading	Range per revolution	Dial Reading	Range	Bezel-Ø	Stem-Ø	Special Feature
KZ 6 T	.0005"	.020"	0-20	.120"	1 13/50"	3/8"	
KZ 4/5 Sb (FS, LB)*	.001"	.100"	0-50-0	.200"	1 9/16"	3/8"	Shockproof
KZ 4/5 Rb (FS)*	.001"	.020"	0-10-0	.200"	1 9/16"	3/8"	Back plunger
KZ 4 SI (FS, LB)*	.001"	-	40-0-40	.080"	1 9/16"	3/8"	Error free
KZ 4/5 SW b	.001"	.100"	0-50-0	.200"	1 4/5"	3/8"	Waterproof
Z 1 Ta (FS, LB)*	.001"	.100"	0-100	.250"	2 1/4"	3/8"	
Z 1 Tb (FS, LB)*	.001"	.100"	0-50-0	.250"	2 1/4"	3/8"	
Z 2 Ta (FS, LB)*	.001"	.100"	0-100	.250"	2 1/4"	3/8"	
Z 2 Tb (FS, LB)*	.001"	.100"	0-50-0	.250"	2 1/4"	3/8"	
Z 2/8 SNb (FS, LB)*	.001"	.100"	0-50-0	.312"	2 1/4"	3/8"	Shockproof
Z 2/30 Ta (FS, LB)*	.001"	.100"	0-100	1.000"	2 1/4"	3/8"	
Z 2/50 Ta (FS, LB)*	.001"	.100"	0-100	2.000"	2 1/4"	3/8"	
Z 2/100 Ta (FS, LB)*	.001"	.100"	0-100	4.000"	2 1/4"	3/8"	
Z 2 SI (FS, LB)*	.001"	-	40-0-40	.080"	2 1/4"	3/8"	Error free
GZ 80/100 T (LB)*	.001"	.100"	0-100	4.000"	3 1/8"	3/8"	
KZ 3/5 Sb (FS, LB)*	.0005"	.040"	0-20-0	.200"	1 9/16"	3/8"	Shockproof
KZ 3 SI (FS, LB)*	.0005"	-	10-0-10	.020"	1 9/16"	3/8"	Error free
Z 3 Ta (FS, LB)*	.0005"	.050"	0-50	.125"	2 1/4"	3/8"	
Z 3 Tb (FS, LB)*	.0005"	.050"	0-25-0	.125"	2 1/4"	3/8"	
Z 3/0,04 SNb (FS, LB)*	.0005"	.040"	0-20-0	.312"	2 1/4"	3/8"	Shockproof
Z 3/30 Ta (FS, LB)*	.0005"	.050"	0-50	1.000"	2 1/4"	3/8"	
Z 3/50 Ta (FS, LB)*	.0005"	.050"	0-50	2.000"	2 1/4"	3/8"	
Z3/5 Rb (FS)*	.0005"	.050"	0-25-0	.200"	2 1/4"	3/8"	Back plunger
Z3 SNW	.0005"	.050"	0-50	.400"	2 27/64"	3/8"	Waterproof
FZ3 SI (FS, LB)*	.0005"	-	10-0-10	.020"	2 1/4"	3/8"	Error free
KFZ Tb (FS, LB)*	.0001"	.010"	0-5-0	.040"	1 9/16"	3/8"	
KFZ3 Sb (FS, LB)*	.0001"	.010"	0-5-0	.100"	1 9/16"	3/8"	Shockproof
KFZ 1101 (FS, LB)*	.00005"	.005"	0-50	.040"	1 9/16"	3/8"	Shockproof
SI-914 Z (FS, LB)*	.00005"	-	20-0-20	.004"	1 9/16"	3/8"	Error free
FZ Ta (FS, LB)*	.0001"	.010"	0-10	.025"	2 1/4"	3/8"	
FZ Tb (FS, LB)*	.0001"	.010"	0-5-0	.025"	2 1/4"	3/8"	
FZ 1101 (FS, LB)*	.00005"	.005"	0-50	.040"	2 1/4"	3/8"	Shockproof
FZ/2,5 Sb (FS, LB)*	.0001"	.010"	0-5-0	.100"	2 1/4"	3/8"	Shockproof
SI-915 Z (FS, LB)*	.00005"	-	20-0-20	.004"	2 1/4"	3/8"	Error free

All the types of the above table have measurements equivalent to the American Standard ANSI B 89. 1/10M-2001. These instruments have a stem-Ø of 3/8", the thread for the feeler is 4/48 NF.

- * In standard execution the Dial Gauges will be delivered without fixing device for the bezel and flat back. At extra charge executions with fixing screw as well as lug back are available. Please add the type code FS for fixing screw resp. LB for lug back should you require the Dial Gauge with these features. Extra charges can be found in our price list below the listing of Inch Dial Gauges.

Inch reading Dial Gauges are also available with a stem-Ø 8 mm h 6 and a thread M 2,5. For details of this Dial Gauge Series please see our comprehensive English catalogue.

Small Inch Dial Gauge KZ 4/5 Sb

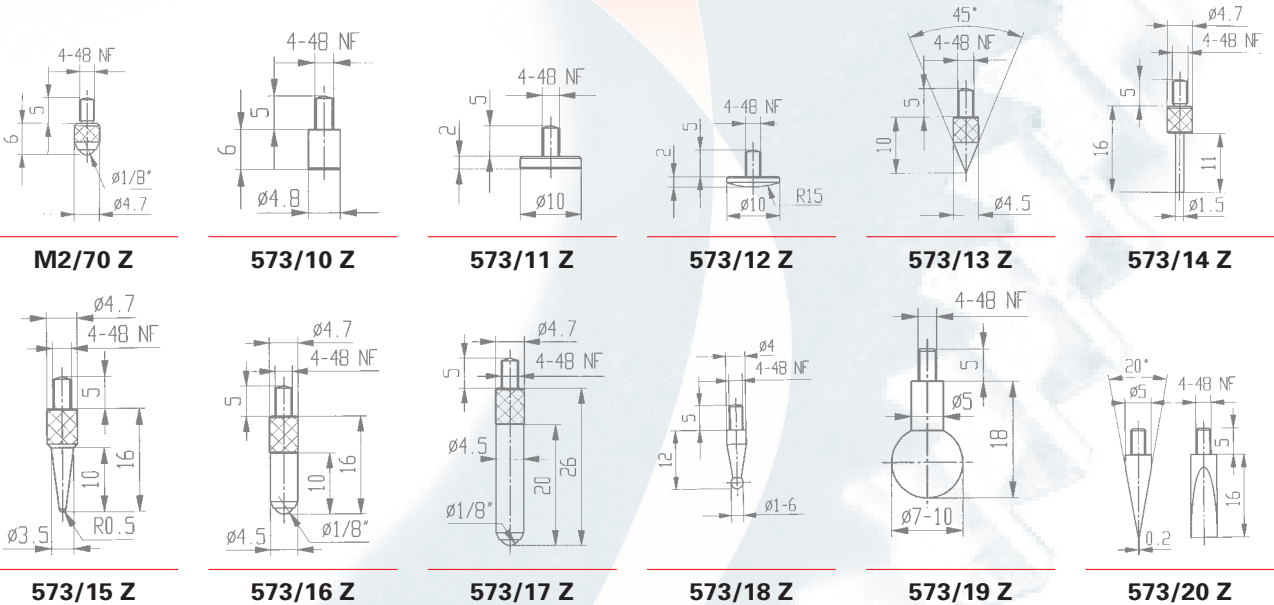
Reading **.001"**
 Range **.200"**
 Bezel-Ø **1 9/16"**
 Stem-Ø **3/8"**
 Accuracy according to ANSI



Inch Dial Gauge Feinika FZ 1101

Reading **.00005"**
 Range **.04"**
 Bezel-Ø **2 1/4"**
 Stem-Ø **3/8"**
 Accuracy according to Käfer works standard

Feelers for Dial Gauges with male thread 4/48 NF



We manufacture a comprehensive range of feelers with male thread 4/48 NF. Please see our comprehensive English catalogue for details.

Technical data of Inch Comparator Gauges Compika analogous to DIN 879

Type	Reading	Range	Dial Reading	Overtravel	Special feature
Compika 105	.0005"	.020"	10-0-10	.10"	Shockproof
Compika 502 Z	.0002"	.008"	40-0-40	.11"	Shockproof
Compika 501 Z	.0001"	.008"	40-0-40	.11"	Shockproof
Compika 1005 Z	.00005"	.004"	20-0-20	.12"	Shockproof

Technical data for Inch Dial Test Indicators analogous to DIN 2270

Type	Reading	Range	Dial Reading	Bezel-Ø	Form to DIN 2270	Length of contact point (2 mm Ø ball)
K 30 Z	.0005"	.030"	0-15-0	1 1/4"	A	.450"
K 31 Z	.0005"	.030"	0-15-0	1 1/4"	B	.450"
K 32 Z	.0005"	.030"	0-15-0	1 1/4"	C	.450"
K 33 Z	.0005"	.020"	0-10-0	1 1/4"	A	1.400"
K 34 Z	.0005"	.020"	0-10-0	1 1/4"	B	1.400"
K 35 Z	.0005"	.020"	0-10-0	1 1/4"	C	1.400"
K 36 Z	.0001"	.008"	0-4-0	1 1/4"	A	.490"
K 37 Z	.0001"	.008"	0-4-0	1 1/4"	B	.490"
K 38 Z	.0001"	.008"	0-4-0	1 1/4"	C	.490"
K 40 Z	.0005"	.030"	0-15-0	1 9/16"	A	.450"
K 41 Z	.0005"	.030"	0-15-0	1 9/16"	B	.450"
K 42 Z	.0005"	.030"	0-15-0	1 9/16"	C	.450"
K 43 Z	.0005"	.020"	0-10-0	1 9/16"	A	1.400"
K 44 Z	.0005"	.020"	0-10-0	1 9/16"	B	1.400"
K 45 Z	.0005"	.020"	0-10-0	1 9/16"	C	1.400"
K 46 Z	.0001"	.008"	0-4-0	1 9/16"	A	.490"
K 47 Z	.0001"	.008"	0-4-0	1 9/16"	B	.490"
K 48 Z	.0001"	.008"	0-4-0	1 9/16"	C	.490"

Supplied in tasteful boxes with transparent cover with 1 contact point with tungsten carbide ball Ø 2 mm, 1 spanner for changing the contact points and 1 stem 1/4".



Our further manufacturing programme:

- Dial Thickness Gauges
- Dial Depth Gauges
- Saw Setting Dial Gauges
- Magnetic Stands
- Measuring Tables
- Special Measuring Instruments
- Test Certificates

Käfer Messuhrenfabrik GmbH & Co. KG
 Postfach 3380
 DE-78022 Villingen-Schwenningen
 Germany
 Hahnstraße 11
 DE-78054 Villingen-Schwenningen
 Telefon: +49 (0) 77 20/83 41-0
 Telefax: +49 (0) 77 20/2 18 68
 e-mail: info@kaefer-messuhren.de
 Internet: www.kaefer-messuhren.com

Our comprehensive English catalogue is available on request.