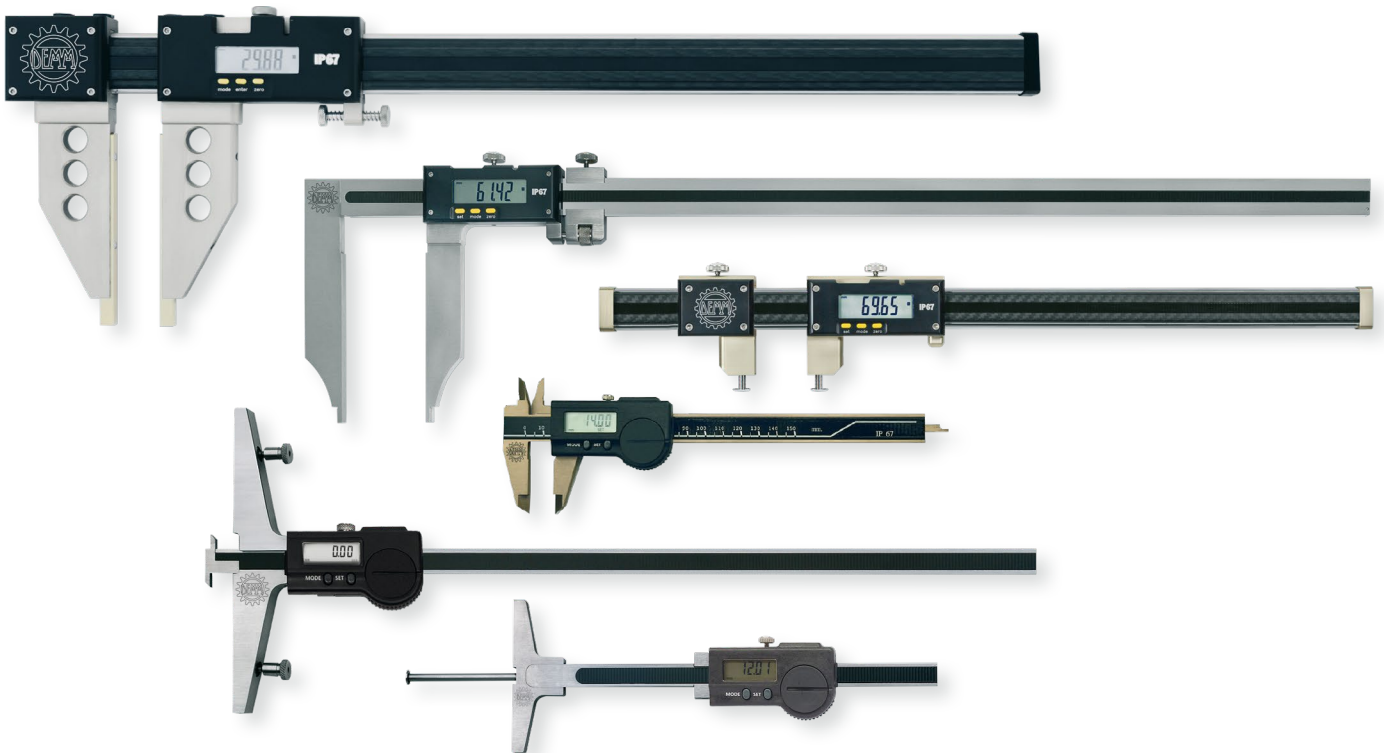


11

Messschieber
Sondermessschieber
Tiefenmessschieber
Datenübertragung
Großanzeigen LED

Vernier calipers
Special vernier calipers
Depth calipers
Data transmission
Large displays LED



NEW!



Digital-Taschenmessschieber
Digital pocket calipers

11.4



Digital-Sondermessschieber IP67
Digital special calipers IP67

11.11



Digital-Sondermessschieber
Digital special calipers

11.17



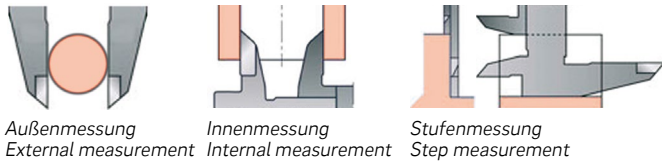
Digital-Längenmaßstab IP67
Digital length rule IP67

11.41

Messschieber nach DIN 862

Taschenmessschieber mit Tiefenmaß eignen sich zur 4-fach Messung gemäß unten stehenden Anwendungsbeispielen. Werkstattmessschieber haben abgesetzte und gerundete Messschnabelenden zur Innenmessung. Die Messerspitzen werden zur Messung in Nuten und Einstichen verwendet (siehe Abb.).

Taschenmessschieber / Pocket calipers:



Außenmessung External measurement *Innenmessung* Internal measurement *Stufenmessung* Step measurement *Tiefenmessung* Depth measurement

Fehlergrenzen nach DIN 862

Die nach DIN festgelegten Fehlergrenzen (G) gelten für Messungen ohne Richtungswechsel der Messkraft. Bei Messungen mit Richtungswechsel und für Messungen mit dem Tiefenmaß erhöhen sich die Werte für Digitalmessschieber um 20µ, für Messschieber mit Rundskala oder Nonius gilt folgende Formel: $G = (20 + l/10)\mu > 50\mu$

Werte A = Nonius 1/10mm oder 1/20mm : $G = (20 + l/10)\mu$
Werte B = Nonius 1/50mm : $G = (22 + l/50)\mu$
Werte C = Ablesung digital 0,01mm : $G = (22 + l/50)\mu$

l mm	A (G)µ	B (G)µ	C (G)µ
50	50	20	20
100	50	30	30
200	50	30	30
300	50	30	30
400	60	30	30
500	70	30	30

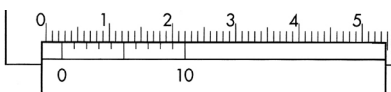
Übersicht der IP Schutzarten nach DIN EN 60529 (angenähert) (IP = International Protection)

Beispiel: IP67 = Staubdicht und gegen zeitweiliges Untertauchen in Wasser geschützt!

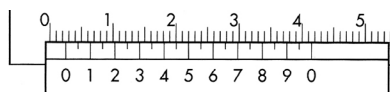
Schutz gegen Fremdkörper und Staub (1.Ziffer)		Schutz gegen Nässe (2. Ziffer)	
IP 1x	Fremdkörper >50mm	IP x1	Tropfwasser senkrecht
IP 2x	Fremdkörper >12,5mm	IP x2	Tropfwasser bis 15° Neigung
IP 3x	Fremdkörper >2,5mm	IP x3	Sprühwasser bis 60° Neigung
IP 4x	Fremdkörper >1,0mm	IP x4	Spritzwasser
IP 5x	Staubgeschützt	IP x5	Strahlwasser
IP 6x	Staubdicht	IP x6	starkes Strahlwasser
		IP x7	Zeitweiliges Untertauchen
		IP x8	Dauerndes Untertauchen

Noniusablesung

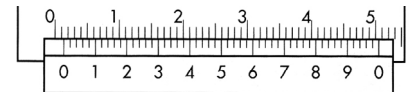
Je nach Ausführung der Messschieber kommen folgende Varianten zum Einsatz:



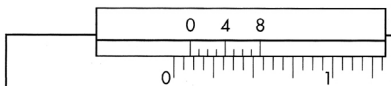
Nonius / Vernier - 1/10mm (0,1mm)



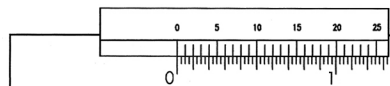
Nonius / Vernier - 1/20mm (0,05mm)



Nonius / Vernier - 1/50mm (0,02mm)



Nonius / Vernier - 1/128"

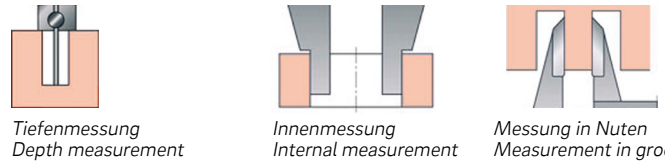


Nonius / Vernier - 1/1000"

Vernier calipers according to DIN 862

Pocket calipers with depth gauge are suitable for 4-way measurement, according to below mentioned examples of use. Workshop vernier calipers have split and rounded jaw ends (nibs) for internal measurement, the knife points are used for measuring in slots and grooves (see fig.).

Werkstattmessschieber / Workshop calipers:



Innenmessung Internal measurement *Messung in Nuten* Measurement in grooves

Error limits according to DIN 862

The error limits (G) specified according to DIN is applicable for measurements without change of direction of the measuring force. For measurements with change of direction and for measurements with the depth gauge, the values for digital calipers increase by 20µ; for calipers with round scale or vernier, the following formula is applicable: $G = (20 + l/10)\mu > 50\mu$

Values A = Vernier 1/10mm oder 1/20mm : $G = (20 + l/10)\mu$
Values B = Vernier 1/50mm : $G = (22 + l/50)\mu$
Values C = Digital reading 0.01mm : $G = (22 + l/50)\mu$

l mm	A (G)µ	B (G)µ	C (G)µ
600	80	30	30
700	90	40	40
800	100	40	40
900	110	40	40
1000	120	40	40
1200	140	50	-

Overview of the IP class according to DIN EN 60529 (approximated) (IP = International Protection)

Example: IP 67 = dust-proof and protected from sporadic immersion in water!

Protection against impurities and dust (1 numeral)		Protection against moisture (2 numeral)	
IP 1x	Impurity > 50 mm	IP x1	Dripping water vertical
IP 2x	Impurity >12.5 mm	IP x2	Dripping water up to 15° incline
IP 3x	Impurity >2.5 mm	IP x3	Spray water up to 60° incline
IP 4x	Impurity >1.0 mm	IP x4	Spray water
IP 5x	Protected from dust	IP x5	Hose water
IP 6x	Dust-proof	IP x6	Strong hose water
		IP x7	Sporadic immersion
		IP x8	Continuous immersion

Vernier reading

According to the model of the calipers, the following versions are used:



**Digital-Taschenmessschieber,
DIGI ARCER IP67
Messflächen TIN beschichtet**

**Digital pocket calipers,
DIGI ARCER IP67
TIN-coated measuring faces**



No. 1850 151tin

TIN beschichtet
TIN coated

- ▶ DIN 862
- ▶ Schutzart IP67, Sylvac System
- ▶ Feststellschraube
- ▶ rostfreier Stahl, gehärtet
- ▶ großes LCD Display
- ▶ Kreuzspitzen
- ▶ Tiefenmaß eckig
- ▶ 4-fach Messung
- ▶ Lieferung im Etui

Funktionen:

- ▶ Ein/Aus, Auto-On bei Bewegung, mm/inch Umschaltung, 0-Punkt an jeder Position, ABS-Funktion (fester 0-Punkt), absolutes System, ± Preset Funktion, Datenausgang Proximity

- ▶ DIN 862
- ▶ Protection class IP67, Sylvac System
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Cross points
- ▶ Depth gauge angular
- ▶ 4-way measurement
- ▶ Delivered in a case

Functions:

- ▶ On/Off, Auto-On by sliding, mm/inch commutation, Zero setting at any position, ABS function (fixed 0 point), absolute system, ± Preset function, Data output Proximity

Mit großer 3V Batterie.
With large 3V battery.



1850 101tin :

Tiefenmaß rund Ø 1,5mm

1850 101tin :

Round depth gauge Ø 1.5mm

1850 151tin :

Tiefenmaß eckig

1850 151tin :

Angular depth gauge

mm	inch	mm	mm	inch	kg	Nº DEMM	Nº	Nº DEMM	Nº
150	6	47	0,01	.0005	0,18	Digi Arcer IP 67 TIN round	1850 101tin	Digi Arcer IP 67 TIN angular	1850 151tin

Datenkabel Proximity RS232 (3m) / Data cable Proximity RS 232 (3m)

1850 203ip

Datenkabel Proximity USB (3m) / Data cable Proximity USB (3m)

1850 204ip



**Digital-Taschenmessschieber,
DIGI ARCER IP67**

**Digital pocket calipers,
DIGI ARCER IP67**



No. 1850 151ip

- ▶ DIN 862
- ▶ Schutzart IP67, Sylvac System
- ▶ Feststellschraube
- ▶ rostfreier Stahl, gehärtet
- ▶ großes LCD Display
- ▶ Kreuzspitzen
- ▶ Tiefenmaß eckig
- ▶ 4-fach Messung
- ▶ Lieferung im Etui

Funktionen:

- ▶ Ein/Aus, Auto-On bei Bewegung, mm/inch Umschaltung, 0-Punkt an jeder Position, ABS-Funktion (fester 0-Punkt), absolutes System, ± Preset Funktion, Datenausgang Proximity

- ▶ DIN 862
- ▶ Protection class IP67, Sylvac System
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Cross points
- ▶ Depth gauge angular
- ▶ 4-way measurement
- ▶ Delivered in a case

Functions:

- ▶ On/Off, Auto-On by sliding, mm/inch commutation, Zero setting at any position, ABS function (fixed 0 point), absolute system, ± Preset function, Data output Proximity

Mit großer 3V Batterie.
With large 3V battery.



1850 101ip :

Tiefenmaß rund Ø 1,5mm

1850 101ip :

Round depth gauge Ø 1.5mm

1850 102ip :

Tiefenmaß rund Ø 2,5mm

1850 102ip :

Round depth gauge Ø 2.5mm

1850 15.ip :

Tiefenmaß eckig

1850 15.ip :

Angular depth gauge

mm	inch	mm	mm	inch	kg	Nº DEMM	Nº	Nº DEMM	Nº
150	6	40	0,01	.0005	0,18	ST15040IP67	1850 101ip	ST15040RIP67	1850 151ip
200	8	50	0,01	.0005	0,25	ST20050IP67	1850 102ip	ST20050RIP67	1850 152ip

Datenkabel Proximity RS232 (3m) / Data cable Proximity RS 232 (3m)

1850 203ip

Datenkabel Proximity USB (3m) / Data cable Proximity USB (3m)

1850 204ip



Digital-Taschenmessschieber, DIGI ARCKER IP67 mit langen Schnäbeln

Digital pocket calipers, DIGI ARCKER IP67 with long jaws



No. 1850 13ip

Mit großer 3V Batterie.
With large 3V battery.



- ▶ DIN 862
- ▶ Schutzart IP67, Sylvac System
- ▶ Feststellschraube
- ▶ rostfreier Stahl, gehärtet
- ▶ großes LCD Display
- ▶ Kreuzspitzen
- ▶ Tiefenmaß eckig
- ▶ 4-fach Messung
- ▶ Lieferung im Etui

Funktionen:

- ▶ Ein/Aus, Auto-On bei Bewegung, mm/inch Umschaltung, 0-Punkt an jeder Position, ABS-Funktion (fester 0-Punkt), absolutes System, ± Preset Funktion, Datenausgang Proximity

- ▶ DIN 862
- ▶ Protection class IP67, Sylvac System
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Cross points
- ▶ Depth gauge angular
- ▶ 4-way measurement
- ▶ Delivered in a case

Functions:

- ▶ On/Off, Auto-On by sliding, mm/inch commutation, Zero setting at any position, ABS function (fixed 0 point), absolute system, ± Preset function, Data output Proximity

1850 13.ip :

Mit Messflächen aus rostfreiem Stahl gehärtet

1850 13.ip :

Hardened stainless steel measuring faces

1850 14.ip :

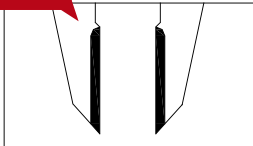
Messflächen hartmetallbestückt

1850 14.ip :

Tungsten carbide-tipped measuring faces

Hartmetall
Tungsten carbide

No. 1850 14.ip



mm	inch	mm	mm	inch	kg	Nº DEMM	Nº	Nº DEMM	Nº
150	6	47	0,01	.0005	0,18	90051	1850 131ip	90060	1850 141ip
200	8	55	0,01	.0005	0,25	90052	1850 132ip	90062	1850 142ip
300	12	55	0,01	.0005	0,27	90054	1850 133ip	90064	1850 143ip

Datenkabel Proximity RS232 (3m) / Data cable Proximity RS 232 (3m)

1850 203ip

Datenkabel Proximity USB (3m) / Data cable Proximity USB (3m)

1850 204ip

Digital-Taschenmessschieber ULTRA active mit ABS-Funktion

Digital pocket calipers ULTRA active with ABS function



No. 6850 111

- ▶ DIN 862
- ▶ Schutzart IP54
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ Verfahrensgeschwindigkeit 3m/s
- ▶ Kreuzspitzen
- ▶ Tiefenmaß
- ▶ 4-fach Messung
- ▶ Batterie CR 2032 3V
- ▶ Lieferung im Etui

Funktionen:

- ▶ Ein/Aus, mm/inch Umschaltung, 0-Punkt an jeder Position, ABS-Funktion, Datenausgang DIGIMATIC

- ▶ DIN 862
- ▶ Protection class IP54
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Measuring speed 3m/s
- ▶ Cross points
- ▶ Depth gauge
- ▶ 4-way measurement
- ▶ Battery CR 2032 3V
- ▶ Delivered in a case

Functions:

- ▶ On/Off, mm/inch commutation, Zero setting at any position, ABS function, Data output DIGIMATIC

6850 111 – 6850 113 :

Tiefenmaß eckig

6850 111 – 6850 113 :

Angular depth gauge

6850 114 :

Tiefenmaß rund Ø 1,6mm

6850 114 :

Round depth gauge Ø 1.6mm



No. 6850 114

mm	inch	mm	mm	inch	kg	Nº
150	6	40	0,01	.0005	0,38	6850 111
200	8	50	0,01	.0005	0,46	6850 112
300	12	60	0,01	.0005	0,66	6850 113
150	6	40	0,01	.0005	0,38	6850 114

Datenkabel DIGIMATIC (1m) / Data cable DIGIMATIC (1m)

6850 194

Wireless Datenübertragung **ULTRA active** für Digital-Messschieber ABS Nr. 6850 111 – 6850 114



- ▶ Bluetooth – Datenübertragung durch Taste am kabellosem Sender und USB-Empfänger
- ▶ sofortige Anzeige der Messwerte in MS-Office (Word, Excel etc.)
- ▶ keine zusätzliche Software notwendig
- ▶ Übertragungreichweite von bis zu 20m
- ▶ max. 8 Messgeräte (Sender) mit nur einem USB-Empfänger
- ▶ LED-Signalleuchte und akustisches Signal bei Datenübertragung
- ▶ Lieferung einzeln verpackt

Handhabung:

- ▶ 1. Am PC oder Laptop wird MS-Excel, MS-Word, MS-Access oder eine Textdatei geöffnet. Der Empfänger wird zunächst an einen USB-Slot angeschlossen. Anschließend muss die Datentaste des USB-Empfängers ca. 3 Sekunden gedrückt gehalten werden. Dasselbe folgt im Anschluss für den Sender.
- ▶ 2. Die Datentasten von Empfänger und Sender werden nun gleichzeitig betätigt bzw. gedrückt. Sobald das Blinken der Signalleuchten aufhört sind Empfänger und Sender gepaart bzw. verbunden.
- ▶ 3. Beim Drücken der Datentaste erfolgt die Messwertübergabe und die Messwerte werden sofort in MS-Office (Word, Excel etc.) angezeigt. Im Falle von mehreren Sendern werden die Messwerte mit unterschiedlichen Sendernummern gekennzeichnet.

Wireless data transmission **ULTRA active** for digital calipers ABS No. 6850 111 – 6850 114

- ▶ Bluetooth data transmission through button at sender and USB receiver
- ▶ Immediate measuring results in MS-Office (Word, Excel etc.)
- ▶ No additional software necessary
- ▶ Transmission distance up to 20m
- ▶ max. connection with up to 8 measuring devices (sender) and just one USB receiver
- ▶ LED and audible signal during data transmission
- ▶ Delivered in individual packages

Operation:

- ▶ 1. Open MS-Excel, MS-Word, MS-Access or a text data at PC or Laptop and connect the receiver to an USB slot. Press the data button of USB receiver for approx 3 seconds. Afterwards do the same with the sender.
- ▶ 2. Press the data buttons of receiver and sender together at the same time. After the LED signal stops blinking receiver and sender are paired / connected.
- ▶ 3. The data transmission to MS Office (Word, Excel etc.) starts immediately after pressing the data button. In case of more then one sender the measuring results are distinguishable through different sender numbers.



Protokoll							
Datum: 14.02.2016		Bemerkung: Musterfall					
Bearbeiter: Mückenbauer							
Teilenummer: 0915							
Produktbezeichnung: Messschieber							
Messergebnis							
Bemerkung	Istwert	Sollwert	USW	OGW	Kenntung	Abw	
Durchmesser 1	3,0000	3,2000	1,1999	1,1999		-	-0,2000
Durchmesser 2	10,0000	11,0000	10,9999	10,9999		-	-1,0000
Durchmesser 3	10,0000	9,0000	9,9999	9,9999		+	0,0000
Länge 1	25,0100	25,0000	25,0099	25,0099		-	0,0100
Länge 2	33,0000	33,0000	33,0000	33,0000			0,0000

Typ / Type	Nº
Sender und USB-Empfänger (Set) / Sender and USB receiver (set)	6850 195
USB Empfänger / USB receiver	6850 196
Sender / sender	6850 197

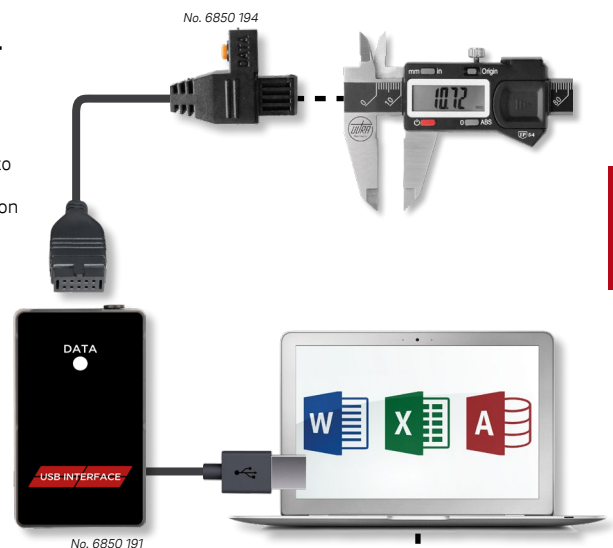
USB-Interface **ULTRA active** für Digital-Messschieber ABS Nr. 6850 111 – 6850 114



- ▶ Direktanschluss mit USB-Interface an PC oder Laptop
- ▶ Datenübertragung per Datentaste am Messschieber, Datentaste am Interface oder Fußschalter
- ▶ sofortige Anzeige der Messwerte in MS-Office (Word, Excel etc.)
- ▶ keine zusätzliche Software erforderlich
- ▶ Lieferung einzeln verpackt

USB interface **ULTRA active** for digital calipers ABS No. 6850 111 – 6850 114

- ▶ Direct connection with USB interface to PC or Laptop
- ▶ Data transmission through data button at the caliper, data button at the interface or footswitch
- ▶ Immediate measuring results in MS Office (Word, Excel etc.)
- ▶ No additional software necessary
- ▶ Delivered in individual packages



Typ / Type	Nº
USB-Interface Tastatur DE (QWERTZ) / USB interface keyboard DE (QWERTZ)	6850 191
USB-Interface Tastatur EN (QWERTY) / USB interface keyboard EN (QWERTY)	6850 192
Fußschalter / Foot switch	6850 193
Datenkabel DIGIMATIC (1m) / Data cable DIGIMATIC (1m)	6850 194

Protokoll							
Datum: 14.02.2016		Bemerkung: Musterfall					
Bearbeiter: Mückenbauer							
Teilenummer: 0915							
Produktbezeichnung: Messschieber							
Messergebnis							
Bemerkung	Istwert	Sollwert	USW	OGW	Kenntung	Abw	
Durchmesser 1	3,0000	3,2000	1,1999	1,1999		-	-0,2000
Durchmesser 2	10,0000	11,0000	10,9999	10,9999		-	-1,0000
Durchmesser 3	10,0000	9,0000	9,9999	9,9999		+	0,0000
Länge 1	25,0100	25,0000	25,0099	25,0099		-	0,0100
Länge 2	33,0000	33,0000	33,0000	33,0000			0,0000

Digital-Taschenmessschieber IP67, ULTRA *active* mit Bluetooth-Funktion

Digital pocket calipers IP 67, ULTRA *active* with Bluetooth-function



No. 6850 131



Reibrad demontierbar
Friction wheel removable

- ▶ DIN 862
- ▶ Schutzart IP67
- ▶ Feststellschraube
- ▶ Reibrad demontierbar
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ Kreuzspitzen
- ▶ Tiefenmaß eckig
- ▶ 4-fach Messung
- ▶ Batterie CR 2032 3V
- ▶ Lieferung im Etui

Funktionen:

- ▶ Auto Ein/Aus
- ▶ mm/inch Umschaltung
- ▶ 0-Punkt an jeder Position
- ▶ Datenübertragungstaste
- ▶ Bluetooth-Funktion für PC, Laptop, Tablet und Smartphone
- ▶ sofortige Anzeige der Messwerte in MS-Office (Word, Excel etc.), keine zusätzliche Treiber oder Software erforderlich.

- ▶ DIN 862
- ▶ Protection class IP67
- ▶ Locking screw
- ▶ Friction wheel removable
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Cross points
- ▶ Depth gauge angular
- ▶ 4-way measurement
- ▶ Battery CR 2032 3V
- ▶ Delivered in a case

Functions:

- ▶ Auto On/Off
- ▶ mm/inch commutation
- ▶ Zero setting at any position
- ▶ Data transmission button
- ▶ Bluetooth connection for PC, laptop, tablet and smartphone
- ▶ Immediate measuring results in MS Office (Word, Excel etc.), no additional driver or software necessary



mm	inch	mm	mm	inch	kg	Nº
150	6	40	0,01	.0005	0,4	6850 131

Digital-Taschenmessschieber IP67, ULTRA *active*

Digital pocket calipers IP67, ULTRA *active*



No. 6850 121



Reibrad demontierbar
Friction wheel removable

- ▶ DIN 862
- ▶ Schutzart IP67
- ▶ Feststellschraube
- ▶ Reibrad demontierbar
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ Kreuzspitzen
- ▶ Tiefenmaß
- ▶ 4-fach Messung
- ▶ Batterie CR 2032 3V
- ▶ Lieferung im Etui

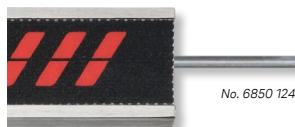
Funktionen:

- ▶ Auto Ein/Aus
- ▶ mm/inch Umschaltung
- ▶ 0-Punkt an jeder Position

- ▶ DIN 862
- ▶ Protection class IP67
- ▶ Locking screw
- ▶ Friction wheel removable
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Cross points
- ▶ Depth gauge
- ▶ 4-way measurement
- ▶ Battery CR 2032 3V
- ▶ Delivered in a case

Functions:

- ▶ Auto On/Off
- ▶ mm/inch commutation
- ▶ Zero setting at any position



No. 6850 124

6850 121 – 6850 123 :
Tiefenmaß eckig

6850 121 – 6850 123 :
Angular depth gauge

6850 124 :
Tiefenmaß rund Ø 1,6mm

6850 124 :
Round depth gauge Ø 1.6mm

mm	inch	mm	mm	inch	kg	Nº
150	6	40	0,01	.0005	0,4	6850 121
200	8	50	0,01	.0005	0,44	6850 122
300	12	60	0,01	.0005	0,48	6850 123
150	6	40	0,01	.0005	0,4	6850 124

Digital-Taschenmessschieber
ULTRA active

Digital pocket calipers
ULTRA active



No. 6850 101

Mit großer 3V Batterie.
With large 3V battery.



- ▶ DIN 862
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ Verfahrensgeschwindigkeit 3m/s
- ▶ Kreuzspitzen
- ▶ Tiefenmaß eckig
- ▶ 4-fach Messung
- ▶ Batterie CR 2032 3V
- ▶ Lieferung im Etui

- Funktionen:**
- ▶ Auto Aus
 - ▶ mm/inch Umschaltung
 - ▶ 0-Punkt an jeder Position

- ▶ DIN 862
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Measuring speed 3m/s
- ▶ Cross points
- ▶ Depth gauge angular
- ▶ 4-way measurement
- ▶ Battery CR 2032 3V
- ▶ Delivered in a case

- Functions:**
- ▶ Auto Off
 - ▶ mm/inch commutation
 - ▶ Zero setting at any position

mm	inch	mm	mm	inch	kg	Nº
150	6	40	0,01	.0005	0,4	6850 101
200	8	50	0,01	.0005	0,48	6850 102
300	12	60	0,01	.0005	0,66	6850 103

Wussten Sie schon? Did you know?

Unsere neue Produktlinie **ULTRA active** steht für Messgeräte mit hervorragendem Preis-Leistungsverhältnis, gute Qualität, schnelle Verfügbarkeit und einfache, intuitive Handhabung.

Testen Sie **ULTRA active** mit Ihrer nächsten Bestellung.

Our new product line **ULTRA active** stands for measuring tools with excellent price-performance ratio, good quality, short availability and simple, intuitive handling.

Do test **ULTRA active** with your next order.



Digital-Kunststoffmessschieber
ULTRA active

Digital plastic calipers
ULTRA active



No. 6850 141

Mit großer 3V Batterie.
With large 3V battery.



- ▶ Werksnorm
- ▶ Kunststoff
- ▶ großes LCD Display
- ▶ Kreuzspitzen
- ▶ Tiefenmaß eckig
- ▶ Batterie CR 2032 3V
- ▶ Lieferung im Etui

- Funktionen:**
- ▶ Auto Ein/Aus
 - ▶ mm/inch Umschaltung
 - ▶ 0-Punkt an jeder Position

- ▶ Works standard
- ▶ Plastic
- ▶ Large LCD display
- ▶ Cross points
- ▶ Depth gauge angular
- ▶ Battery CR 2032 3V
- ▶ Delivered in a case

- Functions:**
- ▶ Auto On/Off
 - ▶ mm/inch commutation
 - ▶ Zero setting at any position

mm	inch	mm	mm	inch	kg	Nº
150	6	40	0,1	.01	0,12	6850 141

Digital-Taschenmessschieber ULTRA *active* Linkshänder Modell



- ▶ DIN 862
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display, Ziffernhöhe 11mm
- ▶ Kreuzspitzen
- ▶ Tiefenmaß eckig
- ▶ 4-fach Messung
- ▶ Lieferung im Etui

Funktionen:

- ▶ Ein/Aus
- ▶ mm/inch Umschaltung
- ▶ 0-Punkt an jeder Position
- ▶ Auto OFF

Digital pocket calipers ULTRA *active* Left-hand model

- ▶ DIN 862
- ▶ Hardened stainless steel
- ▶ Large LCD display, 11mm high digits
- ▶ Cross points
- ▶ Depth gauge angular
- ▶ 4-way measurement
- ▶ Delivered in a case

Functions:

- ▶ On/Off
- ▶ mm/inch commutation
- ▶ Zero setting at any position
- ▶ Auto OFF



No. 1850 401sth

mm	inch	mm	mm	inch	kg	Nº
150	6	40	0,01	.0005	0,4	1850 401sth

Messeinsätze für Taschenmessschieber, Satz



Inhalt:

- ▶ Messeinsätze mit Scheiben Ø 6 / 10 / 12,5mm, Paar
- ▶ Messeinsätze mit 60° Konus, Ø 9 / 12,5mm, Paar
- ▶ Messeinsätze mit zylindrischen Messflächen 1,5mm, Paar
- ▶ Messeinsatzträger rechts / links
- ▶ Sechskantschlüssel

- ▶ Lieferung im Holzetui

Measuring inserts for pocket calipers, set

Contents:

- ▶ Measuring inserts with discs Ø 6 / 10 / 12.5mm, pair
- ▶ Measuring inserts with 60° cone Ø 9 / 12.5mm, pair
- ▶ Measuring inserts with cylindrical measuring faces 1.5mm, pair
- ▶ Insert holder right / left
- ▶ Allen wrench

- ▶ Delivered in a wooden case

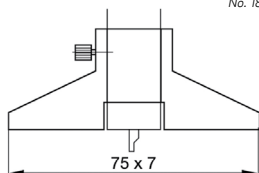


No. 1850 901

Stück Pieces	kg	Nº
14	0,3	1850 901



No. 1850 201



Tiefenmessbrücken für Taschenmessschieber



- ▶ rostfreier Stahl gehärtet
- ▶ Stangenbreite max. 16mm
- ▶ Lieferung einzeln verpackt

Depth measuring bridges for pocket calipers

- ▶ Hardened stainless steel
- ▶ Rod width max. 16mm
- ▶ Delivered in individual packages

mm	kg	Nº
75	0,05	1850 201



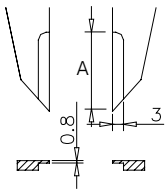
**Digital-Taschenmessschieber
DIGI ARIS IP67
für Außennuten und Einstiche**

**Digital pocket calipers
DIGI ARIS IP67
for grooves and recesses**



No. 1850 601

Mit großer 3V Batterie.
With large 3V battery.



- ▶ DIN 862
- ▶ Schutzart IP 67, Sylvac System
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ Kreuzspitzen
- ▶ Tiefenmaß eckig
- ▶ 4-fach Messung
- ▶ Lieferung im Etui

Funktionen:

- ▶ Ein/Aus, Auto-On bei Bewegung, mm/inch Um-
schaltung, 0-Punkt an jeder Position, ABS-Funktion
(fester 0-Punkt), absolutes System, ± Preset Funktion,
Datenausgang Proximity

- ▶ DIN 862
- ▶ Protection class IP 67, Sylvac System
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Cross points
- ▶ Depth gauge angular
- ▶ 4-way measurement
- ▶ Delivered in a case

Functions:

- ▶ On/Off, Auto-On by sliding, mm/inch commutation,
Zero setting at any position, ABS function (fixed
0 point), absolute system, ± Preset function,
Data output Proximity

mm	inch	A mm	W mm	mm	inch	kg	Nº DEMM	Nº
150	6	25	47	0,01	.0005	0,19	00190	1850 601
200	8	30	55	0,01	.0005	0,23	00194	1850 602
250	10	30	55	0,01	.0005	0,25	00195	1850 603

Datenkabel Proximity RS232 (3m) / Data cable Proximity RS 232 (3m)

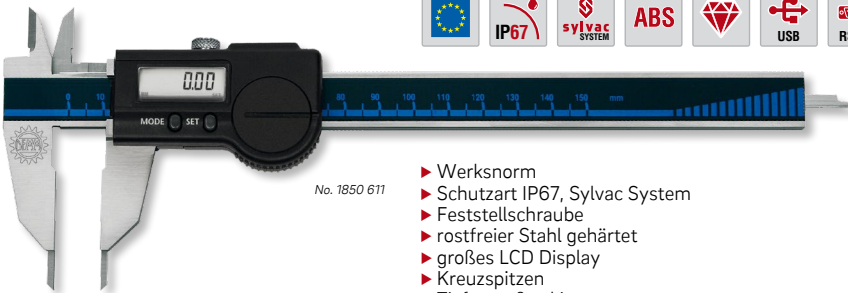
Datenkabel Proximity USB (3m) / Data cable Proximity USB (3m)

1850 203ip
1850 204ip



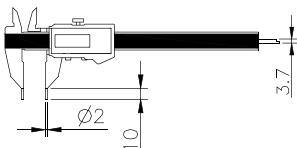
**Digital-Taschenmessschieber
DIGI TAURUS IP67
für kleine Bohrungen**

**Digital pocket calipers
DIGI TAURUS IP67
for small holes**



No. 1850 611

Mit großer 3V Batterie.
With large 3V battery.



- ▶ Werksnorm
- ▶ Schutzart IP67, Sylvac System
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ Kreuzspitzen
- ▶ Tiefenmaß eckig
- ▶ Lieferung im Etui

Funktionen:

- ▶ Ein/Aus, Auto-On bei Bewegung, mm/inch Um-
schaltung, 0-Punkt an jeder Position, ABS-Funktion
(fester 0-Punkt), absolutes System, ± Preset Funktion,
Datenausgang Proximity

- ▶ Works standard
- ▶ Protection class IP67, Sylvac System
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Cross points
- ▶ Depth gauge angular
- ▶ Delivered in a case

Functions:

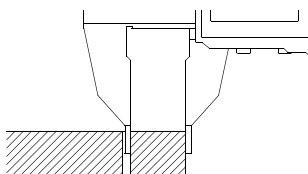
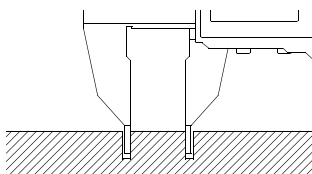
- ▶ On/Off, Auto-On by sliding, mm/inch commutation,
Zero setting at any position, ABS function (fixed
0 point), absolute system, ± Preset function,
Data output Proximity

mm	inch	W mm	mm	inch	kg	Nº DEMM	Nº
150	6	47	0,01	.0005	0,18	00191	1850 611

Datenkabel Proximity RS232 (3m) / Data cable Proximity RS 232 (3m)

Datenkabel Proximity USB (3m) / Data cable Proximity USB (3m)

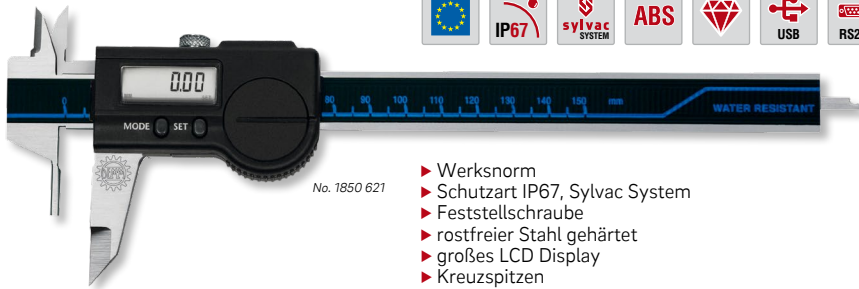
1850 203ip
1850 204ip





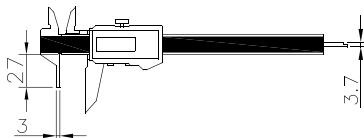
Digital-Taschenmessschieber DIGI ORMER IP67 für Wandstärke und ungleiche Werkstücke

Digital pocket calipers DIGI ORMER IP67 for wall thickness and irregular workpieces



No. 1850 621

Mit großer 3V Batterie.
With large 3V battery.



- ▶ Werksnorm
- ▶ Schutzart IP67, Sylvac System
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ Kreuzspitzen
- ▶ Tiefenmaß eckig
- ▶ Lieferung im Etui

Funktionen:

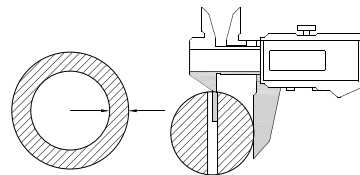
- ▶ Ein/Aus, Auto-On bei Bewegung, mm/inch Umschaltung, 0-Punkt an jeder Position, ABS-Funktion (fester 0-Punkt), absolutes System, ± Preset Funktion, Datenausgang Proximity

- ▶ Works standard
- ▶ Protection class IP67, Sylvac System
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Cross points
- ▶ Depth gauge angular
- ▶ Delivered in a case

Functions:

- ▶ On/Off, Auto-On by sliding, mm/inch commutation, Zero setting at any position, ABS function (fixed 0 point), absolute system, ± Preset function, Data output Proximity

mm	inch	mm	mm	inch	kg	Nº DEMM	Nº
150	6	47	0,01	.0005	0,17	00100	1850 621
Datenkabel Proximity RS232 (3m) / Data cable Proximity RS 232 (3m)							1850 203ip
Datenkabel Proximity USB (3m) / Data cable Proximity USB (3m)							1850 204ip



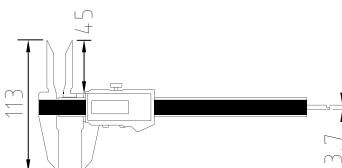
Digital-Taschenmessschieber DIGI ARES IP67 mit extra langen Kreuzspitzen

Digital pocket calipers DIGI ARES IP67 with extra long cross points



No. 1850 631

Mit großer 3V Batterie.
With large 3V battery.



- ▶ Werksnorm
- ▶ Schutzart IP67, Sylvac System
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ Kreuzspitzen
- ▶ Tiefenmaß eckig
- ▶ Lieferung im Etui

Funktionen:

- ▶ Ein/Aus, Auto-On bei Bewegung, mm/inch Umschaltung, 0-Punkt an jeder Position, ABS-Funktion (fester 0-Punkt), absolutes System, ± Preset Funktion, Datenausgang Proximity

- ▶ Works standard
- ▶ Protection class IP67, Sylvac System
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Cross points
- ▶ Depth gauge angular
- ▶ Delivered in a case

Functions:

- ▶ On/Off, Auto-On by sliding, mm/inch commutation, Zero setting at any position, ABS function (fixed 0 point), absolute system, ± Preset function, Data output Proximity

mm	inch	mm	mm	inch	kg	Nº DEMM	Nº
150	6	47	0,01	.0005	0,2	50001	1850 631
Datenkabel Proximity RS232 (3m) / Data cable Proximity RS 232 (3m)							1850 203ip
Datenkabel Proximity USB (3m) / Data cable Proximity USB (3m)							1850 204ip



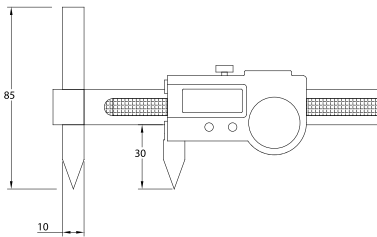
**Digital-Taschenmessschieber
DIGI POSEIDONE IP67
für Bohrungsabstandsmessung**

**Digital pocket calipers
DIGI POSEIDONE IP67
for bore distance measuring**



No. 1850 66.

mit höhenverstellbarem Schnabel
with height adjustable jaw



- ▶ Werksnorm
- ▶ Schutzart IP67, Sylvac System
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ linker Messschnabel höhenverstellbar
- ▶ Lieferung im Holzetui

- ▶ Works standard
- ▶ Protection class IP67, Sylvac System
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ left jaw height adjustable
- ▶ Delivered in wooden case

Funktionen:

- ▶ Ein/Aus, Auto-On bei Bewegung, mm/inch Umschaltung, 0-Punkt an jeder Position, ABS-Funktion (fester 0-Punkt), absolutes System, ± Preset Funktion, Datenausgang Proximity

Functions:

- ▶ On/Off, Auto-On by sliding, mm/inch commutation, Zero setting at any position, ABS function (fixed 0 point), absolute system, ± Preset function, Data output Proximity

mm	inch	mm	inch	kg	Nº DEMM	Nº
150	6	0,01	.0005	0,23	07082	1850 661
200	8	0,01	.0005	0,26	07083	1850 662
Datenkabel Proximity RS232 (3m) / Data cable Proximity RS 232 (3m)						1850 203ip
Datenkabel Proximity USB (3m) / Data cable Proximity USB (3m)						1850 204ip



**Digital-Messschieber
DIGI ULARC, IP67 für Innen- und
Außennutenmessung**

**Digital calipers
DIGI ULARC, IP67 for inside and
outside groove measurement**



No. 1854 161



- ▶ Werksnorm
- ▶ Schutzart IP67, Sylvac System
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ Kreuzspitzen
- ▶ Tiefenmaß eckig
- ▶ Aufnahme für Messeinsätze M2,5
- ▶ Lieferung im Holzetui inkl. Messeinsätze Kugel-Ø 3mm

- ▶ Works standard
- ▶ Protection class IP67, Sylvac System
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Cross points
- ▶ Depth gauge angular
- ▶ Mounting hole for measuring inserts M2.5
- ▶ Delivered in wooden case with measuring inserts ball Ø 3mm

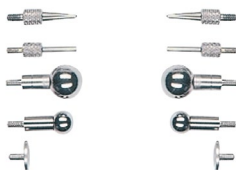
Funktionen:

- ▶ Ein/Aus, Auto-On bei Bewegung, mm/inch Umschaltung, 0-Punkt an jeder Position, ABS-Funktion (fester 0-Punkt), absolutes System, ± Preset Funktion, Datenausgang Proximity

Functions:

- ▶ On/Off, Auto-On by sliding, mm/inch commutation, Zero setting at any position, ABS function (fixed 0 point), absolute system, ± Preset function, Data output Proximity

Messeinsätze M 2,5,
siehe Seite 4.18
Measuring inserts M 2.5,
see page 4.18



mm	inch	mm	mm	inch	kg	Nº DEMM	Nº
150	6	40	0,01	.0005	0,19	DULARC150	1854 161
Datenkabel Proximity RS232 (3m) / Data cable Proximity RS 232 (3m)							1850 203ip
Datenkabel Proximity USB (3m) / Data cable Proximity USB (3m)							1850 204ip



Digital-Taschenmessschieber DIGI AFRODITE D, IP67 für Zahnweitenmessung

Digital pocket calipers DIGI AFRODITE D, IP67 for gear tooth measurement



No. 1850 671

- ▶ Werksnorm
- ▶ Schutzart IP67, Sylvac System
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ Messflächen Ø 25mm
- ▶ großes LCD Display
- ▶ Lieferung im Holzetui

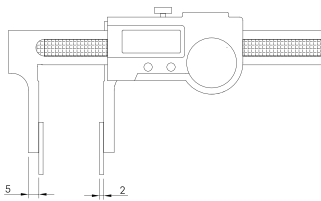
- ▶ Works standard
- ▶ Protection class IP67, Sylvac System
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Measuring faces Ø 25mm
- ▶ Large LCD display
- ▶ Delivered in wooden case

Funktionen:

- ▶ Ein/Aus, Auto-On bei Bewegung, mm/inch Umschaltung, 0-Punkt an jeder Position, ABS-Funktion (fester 0-Punkt), absolutes System, ± Preset Funktion, Datenausgang Proximity

Functions:

- ▶ On/Off, Auto-On by sliding, mm/inch commutation, Zero setting at any position, ABS function (fixed 0 point), absolute system, ± Preset function, Data output Proximity



mm	inch	mm	mm	inch	kg	Nº DEMM	Nº	
150	6	42	0,01	.0005	0,2	07070	1850 671	
Datenkabel Proximity RS232 (3m) / Data cable Proximity RS 232 (3m)								1850 203ip
Datenkabel Proximity USB (3m) / Data cable Proximity USB (3m)								1850 204ip



Digital-Messschieber DIGI AFRODITE, IP67 mit auswechselbaren Messeinsätzen Ø 4,8x6mm

Digital calipers DIGI AFRODITE, IP67 with interchangeable measuring inserts Ø 4.8x6mm



No. 1854 141

- ▶ Werksnorm
- ▶ Schutzart IP67, Sylvac System
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ Aufnahme für Messeinsätze M2,5
- ▶ großes LCD Display
- ▶ Lieferung im Holzetui inkl. Messeinsätze Kugel-Ø 3mm

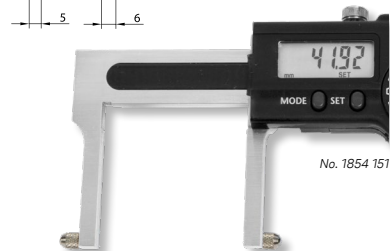
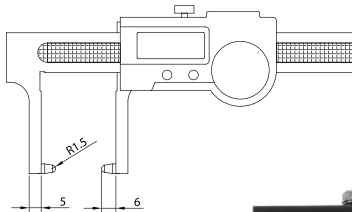
- ▶ Works standard
- ▶ Protection class IP67, Sylvac System
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Mounting hole for measuring inserts M2.5
- ▶ Large LCD display
- ▶ Delivered in wooden case with measuring inserts ball Ø 3mm

Funktionen:

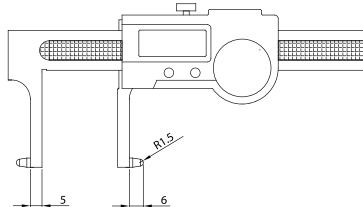
- ▶ Ein/Aus, Auto-On bei Bewegung, mm/inch Umschaltung, 0-Punkt an jeder Position, ABS-Funktion (fester 0-Punkt), absolutes System, ± Preset Funktion, Datenausgang Proximity

Functions:

- ▶ On/Off, Auto-On by sliding, mm/inch commutation, Zero setting at any position, ABS function (fixed 0 point), absolute system, ± Preset function, Data output Proximity



No. 1854 151



1854 141:
DIGI AFRODITE E, für Außenmessung

1854 141:
DIGI AFRODITE E, for external measurement

1854 151:
DIGI AFRODITE I, für Innenmessung

1854 151:
DIGI AFRODITE I, for internal measurement

mm	inch	mm	mm	inch	kg	Nº DEMM	Nº	
150	6	42	0,01	.0005	0,17	07072	1854 141	
180	7	42	0,01	.0005	0,17	07074	1854 151	
Datenkabel Proximity RS232 (3m) / Data cable Proximity RS 232 (3m)								1850 203ip
Datenkabel Proximity USB (3m) / Data cable Proximity USB (3m)								1850 204ip

Messeinsätze M 2,5,
siehe Seite 4.18
Measuring inserts M 2.5,
see page 4.18





Digital-Taschenmessschieber DIGI ATLANTE, IP67 für Nutenmessung

Digital pocket calipers DIGI ATLANTE, IP67 for slot measurement



No. 1850 691

- ▶ Werksnorm
- ▶ Schutzart IP67, Sylvac System
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ Lieferung im Holzetui

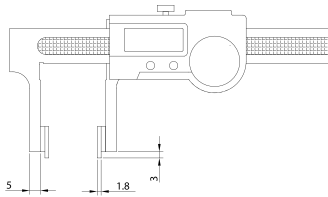
- ▶ Works standard
- ▶ Protection class IP67, Sylvac System
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Delivered in wooden case

Funktionen:

- ▶ Ein/Aus, Auto-On bei Bewegung, mm/inch Umschaltung, 0-Punkt an jeder Position, ABS-Funktion (fester 0-Punkt), absolutes System, ± Preset Funktion, Datenausgang Proximity

Functions:

- ▶ On/Off, Auto-On by sliding, mm/inch commutation, Zero setting at any position, ABS function (fixed 0 point), absolute system, ± Preset function, Data output Proximity



mm	inch	mm	mm	inch	kg	Nº DEMM	Nº
150	6	42	0,01	.0005	0,2	07076	1850 691
Datenkabel Proximity RS232 (3m) / Data cable Proximity RS 232 (3m)							1850 203ip
Datenkabel Proximity USB (3m) / Data cable Proximity USB (3m)							1850 204ip



Digital-Messschieber DIGI PALLANTE, IP67 mit Messeinsätzen Ø 2x5mm

Digital calipers DIGI PALLANTE, IP67 with measuring inserts Ø 2x5mm



No. 1854 121

- ▶ Werksnorm
- ▶ Schutzart IP67, Sylvac System
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ Lieferung im Holzetui

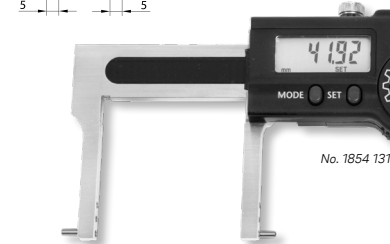
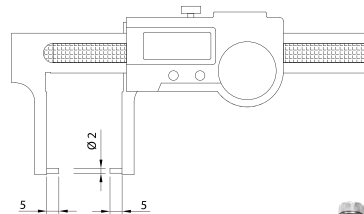
- ▶ Works standard
- ▶ Protection class IP67, Sylvac System
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Delivered in wooden case

Funktionen:

- ▶ Ein/Aus, Auto-On bei Bewegung, mm/inch Umschaltung, 0-Punkt an jeder Position, ABS-Funktion (fester 0-Punkt), absolutes System, ± Preset Funktion, Datenausgang Proximity

Functions:

- ▶ On/Off, Auto-On by sliding, mm/inch commutation, Zero setting at any position, ABS function (fixed 0 point), absolute system, ± Preset function, Data output Proximity



No. 1854 131

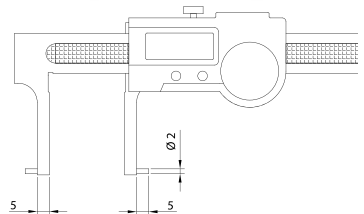
1854 121:
DIGI PALLANTE E, für Außenmessung

1854 121:
DIGI PALLANTE E, for external measurement

1854 131:
DIGI PALLANTE I, für Innenmessung

1854 131:
DIGI PALLANTE I, for internal measurement

mm	inch	mm	mm	inch	kg	Nº DEMM	Nº
150	6	42	0,01	.0005	0,17	07078	1854 121
180	7	42	0,01	.0005	0,17	07080	1854 131
Datenkabel Proximity RS232 (3m) / Data cable Proximity RS 232 (3m)							1850 203ip
Datenkabel Proximity USB (3m) / Data cable Proximity USB (3m)							1850 204ip



Digital-Taschenmessschieber ULTRA *active* für Rohr- und Wanddicken

Digital pocket calipers ULTRA *active* for pipe and wall thickness



No. 6850 161

- ▶ Werksnorm
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ Batterie CR 2032 3V
- ▶ Lieferung im Etui

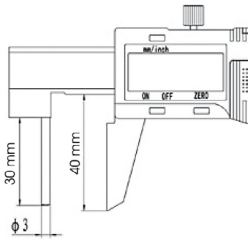
- ▶ Works standard
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Battery CR 2032 3V
- ▶ Delivered in a case

Funktionen:

- ▶ Auto Ein/Aus
- ▶ mm/inch Umschaltung
- ▶ 0-Punkt an jeder Position

Functions:

- ▶ Auto On/Off
- ▶ mm/inch commutation
- ▶ Zero setting at any position



mm	inch	mm	mm	inch	kg	Nº
150	6	40	0,01	.0005	0,4	6850 161

💡 Wussten Sie schon? Did you know?

Wir sind spezialisiert auf die Konzeption und Konstruktion von Rundlaufprüfvorrichtungen und Wellenmessvorrichtungen. Beispiele realisierte Projekte finden Sie in:

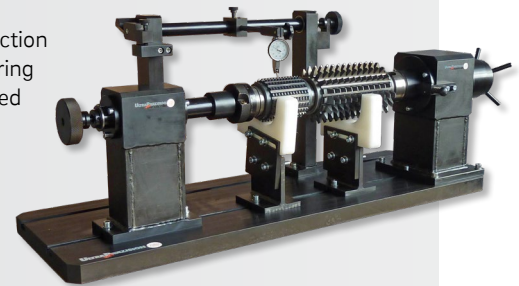
Kapitel 7, ab Seite 7.22

Das ULTRA-Vertriebsteam berät Sie gerne, und findet schnell die passende Lösung.
Tel. +49 6021 4299900

We are specialized in design and construction of concentricity testers and shaft measuring systems. You can find examples of realized projects in:

Chapter 7, from Page 7.22

The ULTRA Sales Team shall advise you and quickly find the proper solution
Phone +49 6021 4299900



Spezial Prüfvorrichtung für Wälzfräser
Special testing system for hobs

Digital-Taschenmessschieber ULTRA *active* mit extra langen Kreuzspitzen

Digital pocket calipers ULTRA *active* with extra long cross points



No. 6850 175

- ▶ Werksnorm
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ Kreuzspitzen
- ▶ Tiefenmaß eckig
- ▶ 4-fach Messung
- ▶ Batterie CR 2032 3V
- ▶ Lieferung im Etui

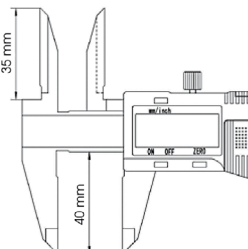
- ▶ Works standard
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Cross points
- ▶ Depth gauge angular
- ▶ 4-way measurement
- ▶ Battery CR 2032 3V
- ▶ Delivered in a case

Funktionen:

- ▶ Auto Ein/Aus
- ▶ mm/inch Umschaltung
- ▶ 0-Punkt an jeder Position

Functions:

- ▶ Auto On/Off
- ▶ mm/inch commutation
- ▶ Zero setting at any position



mm	inch	mm	mm	inch	kg	Nº
150	6	40	0,01	.0005	0,38	6850 175

Digital-Taschenmessschieber
ULTRA active
für Außennuten und Einstiche

Digital pocket calipers
ULTRA active
for grooves and recesses



No. 6850 165

- ▶ DIN 862
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ Kreuzspitzen
- ▶ Tiefenmaß eckig
- ▶ 4-fach Messung
- ▶ Batterie CR2032 3V
- ▶ Lieferung im Etui

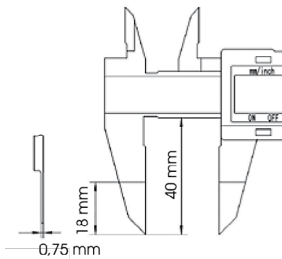
- ▶ DIN 862
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Cross points
- ▶ Depth gauge angular
- ▶ 4-way measurement
- ▶ Battery CR2032 3V
- ▶ Delivered in a case

Funktionen:

- ▶ Auto Ein/Aus
- ▶ mm/inch Umschaltung
- ▶ 0-Punkt an jeder Position

Functions:

- ▶ Auto On/Off
- ▶ mm/inch commutation
- ▶ Zero setting at any position



mm	inch	mm	mm	inch	kg	Nº
150	6	40	0,01	.0005	0,36	6850 165

Digital-Taschenmessschieber
ULTRA active
mit spitzen Messschnäbeln

Digital pocket calipers
ULTRA active
with pointed measuring jaws



No. 6850 171

- ▶ DIN 862
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ Kreuzspitzen
- ▶ Tiefenmaß eckig
- ▶ 4-fach Messung
- ▶ Batterie CR 2032 3V
- ▶ Lieferung im Etui

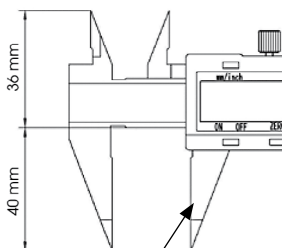
- ▶ DIN 862
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Knife points
- ▶ Depth gauge angular
- ▶ 4-way measurement
- ▶ Battery CR 2032 3V
- ▶ Delivered in a case

Funktionen:

- ▶ Auto Ein/Aus
- ▶ mm/inch Umschaltung
- ▶ 0-Punkt an jeder Position

Functions:

- ▶ Auto On/Off
- ▶ mm/inch commutation
- ▶ Zero setting at any position



Spitzenwinkel 55°
Pointed angle 55°

mm	inch	mm	mm	inch	kg	Nº
150	6	40	0,01	.0005	0,36	6850 171

Digital-Taschenmessschieber ULTRA *active* für Außennuten

Digital pocket calipers ULTRA *active* for outside grooves



No. 6850 151

- ▶ DIN 862
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ Batterie CR 2032 3V
- ▶ Lieferung im Etui

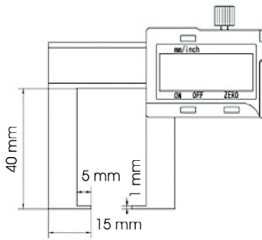
- ▶ DIN 862
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Battery CR 2032 3V
- ▶ Delivered in a case

Funktionen:

- ▶ Auto Ein/Aus
- ▶ mm/inch Umschaltung
- ▶ 0-Punkt an jeder Position

Functions:

- ▶ Auto On/Off
- ▶ mm/inch commutation
- ▶ Zero setting at any position



mm	inch	mm	mm	inch	kg	Nº
150	6	40	0,01	.0005	0,36	6850 151

Digital-Taschenmessschieber ULTRA *active* mit langen Schnäbeln für Innenmessung

Digital pocket calipers ULTRA *active* with long jaws for inside measurement



No. 6850 181

- ▶ Werksnorm
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ Batterie CR 2032 3V
- ▶ Lieferung im Etui

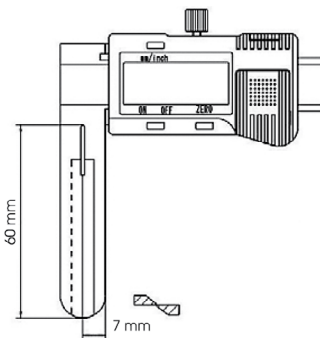
- ▶ Works standard
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Battery CR 2032 3V
- ▶ Delivered in a case

Funktionen:

- ▶ Auto Ein/Aus
- ▶ mm/inch Umschaltung
- ▶ 0-Punkt an jeder Position

Functions:

- ▶ Auto On/Off
- ▶ mm/inch commutation
- ▶ Zero setting at any position



mm	inch	mm	mm	inch	kg	Nº
10 - 150	.4 - 6	60	0,01	.0005	0,4	6850 181

Digital-Taschenmessschieber
ULTRA active
mit verstellbarem Messschenkel

Digital pocket calipers
ULTRA active
with adjustable measuring jaw



No. 6850 155

- ▶ Werksnorm
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ Kreuzspitzen
- ▶ Batterie CR 2032 3V
- ▶ Lieferung im Etui

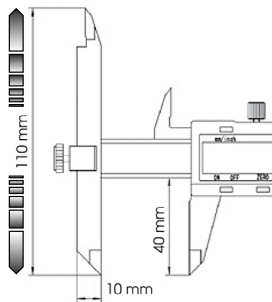
- ▶ Works standard
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Cross points
- ▶ Battery CR 2032 3V
- ▶ Delivered in a case

Funktionen:

- ▶ Auto Ein/Aus
- ▶ mm/inch Umschaltung
- ▶ 0-Punkt an jeder Position

Functions:

- ▶ Auto On/Off
- ▶ mm/inch commutation
- ▶ Zero setting at any position



mm	inch	mm	inch	kg	Nº
150	6	0,01	.0005	0,4	6850 155

Digital-Messzeugsätze
ULTRA active

Digital measuring tool sets
ULTRA active



No. 6850 201

Lieferung im Koffer
bestehend aus folgenden **ULTRA active** Produkten:

- ▶ Digital-Taschenmessschieber 150mm Nr. 6850 101
- ▶ Digital-Taschenmessschieber IP67 mit Bluetooth-Funktion 150mm Nr. 6850 131
- ▶ Digital-Taschenmessschieber mit ABS-Funktion 150mm Nr. 6850 111
- ▶ Digital-Bügelmessschraube IP65, 0-25mm Nr. 6200 101
- ▶ Digital-Messuhr IP65, 12,5mm Nr. 6301 101
- ▶ Sender und USB-Empfänger (Satz) für kabellose Datenübertragung Nr. 6850 195
- ▶ USB-Interface für Digital-Taschenmessschieber ABS DE deutsche Tastatur Nr. 6850 191 oder EN englische Tastatur Nr. 6850 192
- ▶ Datenkabel für USB-Interface Nr. 6850 194
- ▶ Digital Tiefenmessschieber 0-25mm mit extra langem Stahlstift Nr. 6852 141
- ▶ Magnet-Messstativ Nr. 5044 202

Delivered in a carrying case
Consisting of following **ULTRA active** products:

- ▶ Digital pocket caliper 150mm No. 6850 101
- ▶ Digital pocket caliper IP67 with Bluetooth function 150mm No. 6850 131
- ▶ Digital pocket caliper with ABS function 150mm No. 6850 111
- ▶ Digital external micrometer IP65, 0-25mm No. 6200 101
- ▶ Digital dial indicator IP65, 12.5mm No. 6301 101
- ▶ Sender and USB receiver (set) for wireless data transmission No. 6850 195
- ▶ USB interface for digital pocket calipers ABS DE German keyboard No. 6850 191 or EN English keyboard No. 6850 192
- ▶ Data cable for USB interface No. 6850 194
- ▶ Digital depth caliper 0-25mm with extra long steel pin No. 6852 141
- ▶ Magnetic measuring stand No. 5044 202

ULTRA active Demokoffer für Ihren Außendienst oder Showroom.

ULTRA active demo case for your sales staff or show room.

! Andere Satzzusammenstellungen auf Anfrage.

! Other set compositions on request.

! Bei Bestellung bitte angeben, ob wir das USB-Interface für deutsche oder englische Tastaturen liefern sollen.

! In case of order please indicate if we should deliver the USB interface for German or English keyboards.

Stück Pieces	USB interface	kg	Nº
10	DE	3,6	6850 201
10	EN	3,6	6850 201

Digital Schnelltaster DIGI OLFO für Nutmittenabstandsmessung

Digital dial caliper gauges DIGI OLFO for slot center distance measuring



- ▶ Werksnorm
- ▶ Schutzart IP54, Sylvac System
- ▶ großes LCD-Display
- ▶ 1 fester Tastarm für auswechselbare Nutsteine, 1 beweglicher Tastarm
- ▶ Lieferung im Etui ohne Nutstein

Funktionen:

- ▶ Ein/Aus
- ▶ mm/inch Umschaltung
- ▶ 0-Punkt an jeder Position
- ▶ ± Preset Funktion
- ▶ Datenausgang Opto

! Bei Bestellung von Nr. 1347 351 Nutbreite (4-20mm) angeben

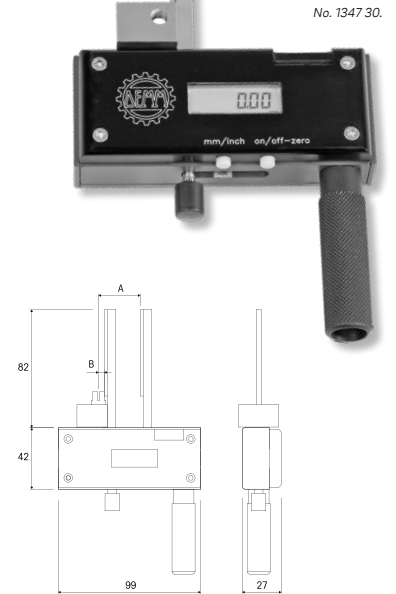
- ▶ Works standard
- ▶ Protection class IP54, Sylvac system
- ▶ Large LCD display
- ▶ 1 fixed arm for interchangeable sliding blocks and 1 movable arm
- ▶ Delivered in case without sliding blocks

Functions:

- ▶ On/Off
- ▶ mm/inch commutation
- ▶ Zero setting at any position
- ▶ ± Preset function
- ▶ Data output Opto

! Specify slot width (4-20mm) in case of order no. 1347 351

mm	mm	mm	N	A mm	B mm	kg	Nº DEMM	Nº
8 – 58	0,01	0,02	5	29	4	0,4	79000	1347 301
50 – 100	0,01	0,02	5	50	25	0,4	7900050100	1347 302
1 Stück Nutstein 4–20mm / 1 pcs. Key slot 4–20mm								1347 351
Datenkabel RS232 (2m) / Data cable RS232 (2m)								1850 203
Datenkabel USB (2m) / Data cable USB (2m)								1850 204



Wussten Sie schon? Did you know?

Wir liefern jede Art von Sonderlehren gemäß Ihren Zeichnungen. Zum Beispiel Abstecklehren, Mittigkeitslehren, Konturlehren, Profil-
lehren, Tiefenlehren, Lochbildlehren, Über-
standslehren, Stufenlehren, Einstellmeister, Eichmeister usw.

Das ULTRA-Vertriebsteam berät Sie gerne und findet schnell die passende Lösung.

+49 6021 4299900

We supply all types of special gauges according to your drawings. For example position gauges, centre gauges, contour gauges, profile gauges, depth gauges, hole pattern gauges, step gauges, setting masters, calibration masters etc.

The ULTRA-sales team helps you to find a quick and suitable solution.



Abstecklehre
Position gauge

Digital-Schnellmessgeräte für Spalt- und Versatzmessung



- ▶ Werksnorm
- ▶ Wiederholgenauigkeit 0,01mm
- ▶ Lieferung im Etui

Funktionen:

- ▶ Ein/Aus
- ▶ Auto-On bei Bewegung
- ▶ mm/inch Umschaltung
- ▶ 0-Punkt an jeder Position

4000 1.. :

ohne Datenausgang

4000 2.. :

mit Datenausgang

Digital caliper, step gauge for flush and gap measurement

- ▶ Works standard
- ▶ Repeatability 0.01mm
- ▶ Delivered in a case

Functions:

- ▶ On/Off
- ▶ Auto-On by sliding
- ▶ mm/inch commutation
- ▶ Zero setting at any position



No. 4000 102

4000 1.. :

without data output

4000 2.. :

with data output



Messflächen für Spaltmessung
Measuring faces for gap measurement

Spaltmessung / Gap measurement mm	Versatzmessung / Flush measurement mm	≤ mm/inch	kg	Nº	Nº
1 – 24	- 6 – 24	0,01/ .0005	0,2	4000 101	4000 201
Kurze Bauform (40mm kürzer) / Short construction dimensions (40mm shorter)					
1 – 10	- 5 – 5	0,01/ .0005	0,18	4000 102	4000 202
Datenkabel USB (2m) / Data cable USB (2m)				1850 216	

Digital-Schnellmessgeräte für Versatzmessung



- ▶ Werksnorm
- ▶ Wiederholgenauigkeit 0,01mm
- ▶ mit Messbasis für Messung auf geraden oder gekrümmten Oberflächen
- ▶ Kunststoffmessspitzen verhindern Beschädigungen am Werkstück
- ▶ Lieferung im Etui

Funktionen:

- ▶ Ein/Aus
- ▶ Auto-On bei Bewegung
- ▶ mm/inch Umschaltung
- ▶ 0-Punkt an jeder Position

4002 101 :

ohne Datenausgang

4002 201 :

mit Datenausgang

Digital caliper, step gauge for flush measurements

- ▶ Works standard
- ▶ Repeatability 0.01mm
- ▶ Base designs allow measurements on both flat and curved surfaces
- ▶ Plastic contact points won't scratch or mark delicate surfaces
- ▶ Delivered in a case

Functions:

- ▶ On/Off
- ▶ Auto-On by sliding
- ▶ mm/inch commutation
- ▶ Zero setting at any position



No. 4002 101

4002 101 :

without data output

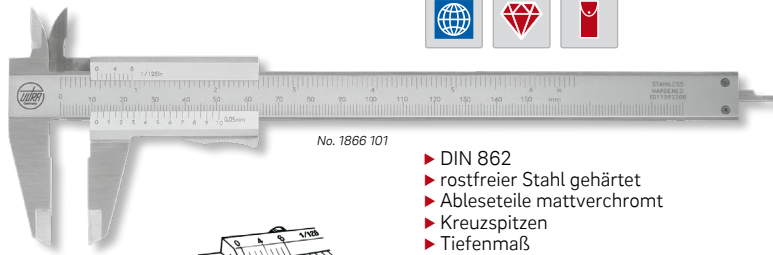
4002 201 :

with data output

mm	≤ mm/inch	kg	Nº	Nº
- 6 – 13	0,01/ .0005	0,2	4002 101	4002 201
Datenkabel USB (2m) / Data cable USB (2m)				1850 216



Taschenmessschieber ULTRA *active* mit Momentfeststellung



No. 1866 101

- ▶ DIN 862
- ▶ rostfreier Stahl gehärtet
- ▶ Ableseteile mattverchromt
- ▶ Kreuzspitzen
- ▶ Tiefenmaß
- ▶ 4-fach Messung
- ▶ Lieferung in Kunstledertasche

1866 10. :
Tiefenmaß eckig

1866 101rt :
Tiefenmaß rund

! Ablesung 1/50mm auf Anfrage.

mm	inch	mm	mm	inch	kg	Nº
150	6	40	1/20	1/128	0,15	1866 101
200	8	50	1/20	1/128	0,2	1866 102
150	6	40	1/20	1/128	0,15	1866 101rt

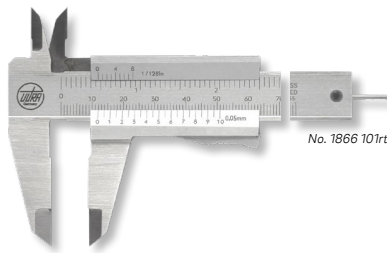
Pocket vernier calipers ULTRA *active* with thumb lock

- ▶ DIN 862
- ▶ Hardened stainless steel
- ▶ Satin chrome reading parts
- ▶ Cross points
- ▶ Depth gauge
- ▶ 4-way measurement
- ▶ Delivered in imitation leather bag

1866 10. :
Angular depth gauge

1866 101rt :
Round depth gauge

! Reading 1/50mm on request.



No. 1866 101rt

Taschenmessschieber ULTRA *active* mit Feststellschraube



No. 1868 101

- ▶ DIN 862
- ▶ rostfreier Stahl gehärtet
- ▶ Ableseteile mattverchromt
- ▶ Kreuzspitzen
- ▶ 4-fach Messung
- ▶ Lieferung in Kunstledertasche

1868 1.. :
Tiefenmaß eckig

1868 101rt :
Tiefenmaß rund

mm	inch	mm	mm	inch	kg	Nº
150	6	40	1/20	1/128	0,15	1868 101
200	8	50	1/20	1/128	0,2	1868 102
300	12	60	1/20	1/128	0,25	1868 103
150	6	40	1/20	1/128	0,15	1868 101rt

Pocket vernier calipers ULTRA *active* with locking screw

- ▶ DIN 862
- ▶ Hardened stainless steel
- ▶ Satin chrome reading parts
- ▶ Cross points
- ▶ 4-way measurement
- ▶ Delivered in imitation leather bag

1868 1.. :
Angular depth gauge

1868 101rt :
Round depth gauge

Kleinmessschieber

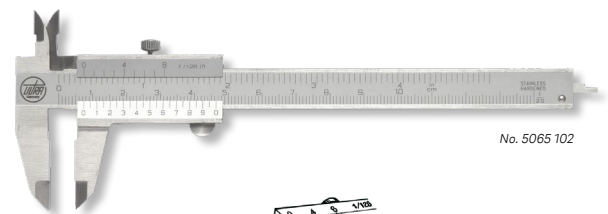


- ▶ Werknorm
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ Ableseteile mattverchromt
- ▶ Kreuzspitzen, Tiefenmaß eckig
- ▶ Lieferung in Kunstledertasche

mm	mm	mm	kg	Nº
100	25	1/20	0,12	5065 102
100	27	1/50	0,12	5065 202

Small vernier calipers

- ▶ Works standard
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Satin chrome reading parts
- ▶ Cross points, depth gauge angular
- ▶ Delivered in imitation leather bag

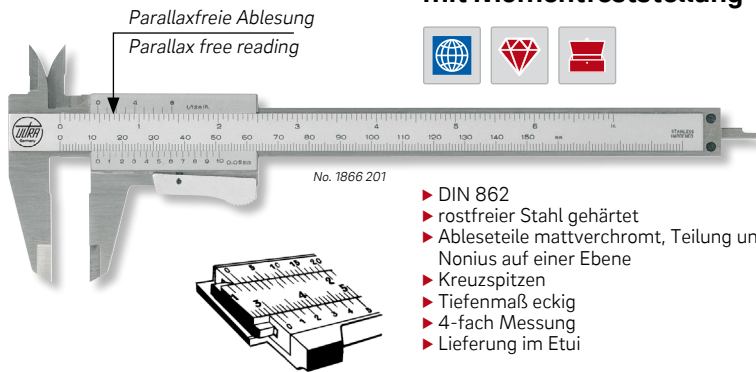


No. 5065 102



**Taschenmessschieber
parallaxfreie Ablesung
mit Momentfeststellung**

**Pocket vernier calipers
parallax free reading
with thumb lock**



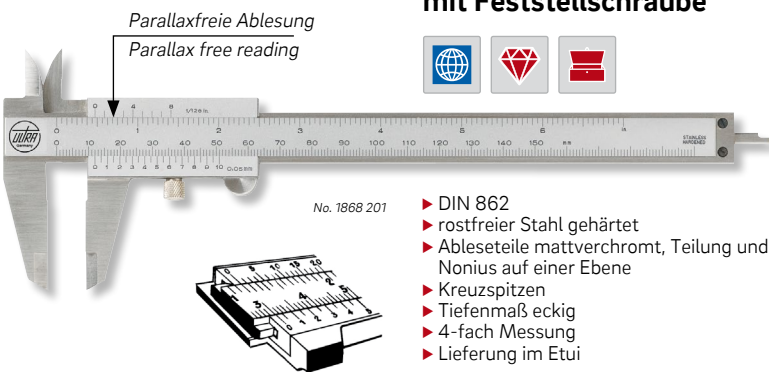
- ▶ DIN 862
- ▶ rostfreier Stahl gehärtet
- ▶ Ableseteile mattverchromt, Teilung und Nonius auf einer Ebene
- ▶ Kreuzspitzen
- ▶ Tiefenmaß eckig
- ▶ 4-fach Messung
- ▶ Lieferung im Etui

- ▶ DIN 862
- ▶ Hardened stainless steel
- ▶ Satin-chrome reading parts, scale and vernier on one level
- ▶ Cross points
- ▶ Depth gauge angular
- ▶ 4-way measurement
- ▶ Delivered in a case

mm	inch	W	mm	inch	kg	Nº
150	6	40	1/20	1/128	0,18	1866 201
150	6	40	1/50	1/1000	0,18	1866 202

**Taschenmessschieber
parallaxfreie Ablesung
mit Feststellschraube**

**Pocket vernier calipers
parallax free reading
with locking screw**



- ▶ DIN 862
- ▶ rostfreier Stahl gehärtet
- ▶ Ableseteile mattverchromt, Teilung und Nonius auf einer Ebene
- ▶ Kreuzspitzen
- ▶ Tiefenmaß eckig
- ▶ 4-fach Messung
- ▶ Lieferung im Etui

- ▶ DIN 862
- ▶ Hardened stainless steel
- ▶ Satin-chrome reading parts, scale and vernier on one level
- ▶ Cross points
- ▶ Depth gauge angular
- ▶ 4-way measurement
- ▶ Delivered in a case

mm	inch	W	mm	inch	kg	Nº
150	6	40	1/20	1/128	0,18	1868 201
150	6	40	1/50	1/1000	0,18	1868 202

**Taschenmessschieber
parallaxfreie Ablesung
mit Doppel-Prismenführung
Feststellschraube**

**Pocket vernier calipers
parallax free reading
with double V guide
with locking screw**



- ▶ DIN 862
- ▶ rostfreier Stahl gehärtet
- ▶ Ableseteile mattverchromt, Teilung und Nonius auf einer Ebene
- ▶ Kreuzspitzen
- ▶ Tiefenmaß eckig
- ▶ 4-fach Messung
- ▶ Lieferung im Etui

- ▶ DIN 862
- ▶ Hardened stainless steel
- ▶ Satin-chrome reading parts, scale and vernier on one level
- ▶ Cross points
- ▶ Depth gauge angular
- ▶ 4-way measurement
- ▶ Delivered in a case



Doppel-Prismenführung
Double V guide

mm	inch	W	mm	inch	kg	Nº
150	6	40	1/20	1/128	0,18	1868 201dp
150	6	40	1/50	1/1000	0,18	1868 202dp

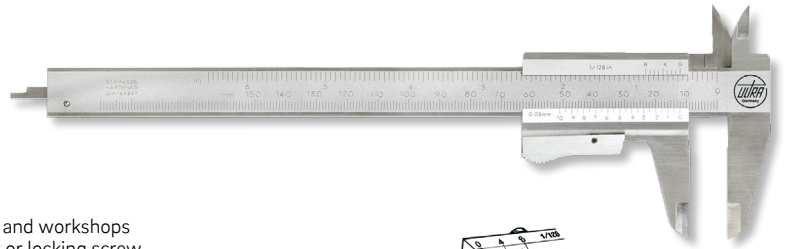
Taschenmessschieber ULTRA *active* Linkshänder-Modell



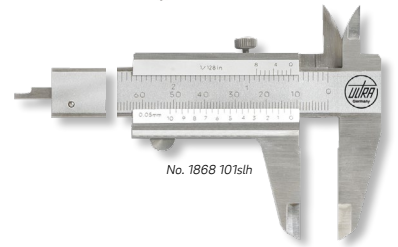
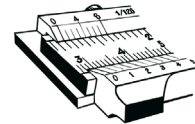
- ▶ DIN 862
- ▶ für Schulen und Werkstatt
- ▶ Momentverstellung oder Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ Ableseteile mattverchromt
- ▶ Kreuzspitzen
- ▶ Tiefenmaß eckig
- ▶ 4-fach Messung
- ▶ Lieferung in Kunstledertasche

Pocket vernier calipers ULTRA *active* Left-hand model

- ▶ DIN 862
- ▶ For schools and workshops
- ▶ Thumb lock or locking screw
- ▶ Hardened stainless steel
- ▶ Satin chrome reading parts
- ▶ Cross points
- ▶ Depth gauge angular
- ▶ 4-way measurement
- ▶ Delivered in imitation leather bag



No. 1866 101slh



No. 1868 101slh

mm	inch	mm	mm	inch	kg	Nº
Momentverstellung / Thumb lock						
150	6	40	1/20	1/128	0,15	1866 101slh
150	6	40	1/50	1/1000	0,15	1866 501slh
Feststellschraube / Locking screw						
150	6	40	1/20	1/128	0,15	1868 101slh
150	6	40	1/50	1/1000	0,15	1868 501slh

Taschenmessschieber mit Uhrablesung, ULTRA *active*

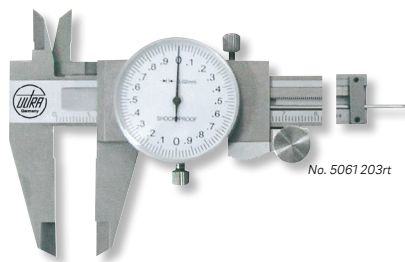


No. 5061 202

- ▶ DIN 862
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ Ableseteile mattverchromt
- ▶ Kreuzspitzen, Tiefenmaß
- ▶ 4-fach Messung
- ▶ Lieferung im Etui

Pocket dial calipers, ULTRA *active*

- ▶ DIN 862
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Satin chrome reading parts
- ▶ Cross points, depth gauge
- ▶ 4-way measurement
- ▶ Delivered in a case



No. 5061 203rt

5061 2.. :
Tiefenmaß eckig

5061 2.. :
Angular depth gauge

5061 203rt :
Tiefenmaß rund Ø 1,6mm

5061 203rt :
Round depth gauge Ø 1.6mm

mm	mm	mm	mm	kg	Nº
150	40	0,05	5	0,15	5061 202
200	50	0,05	5	0,18	5061 212
150	40	0,02	2	0,15	5061 203
200	50	0,02	2	0,18	5061 213
300	60	0,02	2	0,4	5061 216
150	40	0,01	1	0,15	5061 204
200	50	0,01	1	0,18	5061 214
150	40	0,02	2	0,15	5061 203rt

Messzeugsätze ULTRA *active*

Measuring tool sets ULTRA *active*



► Lieferung im Kunststoffkoffer

► Delivered in box



No. 5026 102

Inhalt Nr. 5026 102:

Taschenmessschieber 150mm
Bügelmessschraube 0 – 25mm
Haarwinkel 100 x 70mm

Content of No. 5026 102:

Pocket calipers 150mm
Micrometer 0 – 25mm
Bevel edge square 100 x 70mm



No. 5026 103

Inhalt Nr. 5026 103:

Taschenmessschieber 150mm
Bügelmessschraube 0 – 25mm
biegsamer Stahlmaßstab 200mm, rostfrei
Haarwinkel 100 x 70mm, Haarlineal 100mm
Federspitzzirkel 100mm, Reißnadel 150mm

Content of No. 5026 103:

Pocket calipers 150mm
Micrometer 0 – 25mm
Flexible stainless steel rule 200mm
Bevel edge square 100 x 70mm, Knife straightedge 100mm
Spring dividers 100mm, Scriber 175mm

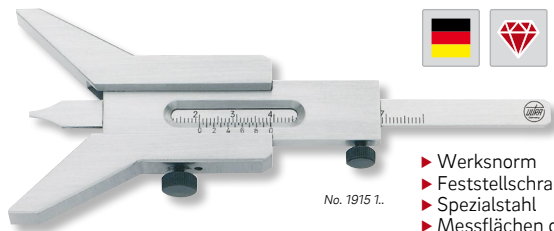
1 Andere Satzzusammenstellungen auf Anfrage.

1 Other set compositions on request.

Stück Pieces	kg	Nº
3	1,0	5026 102
7	1,3	5026 103

Messschieber für Keilnutentiefe

Vernier calipers for keyway depth



No. 1915 1.

- Werksnorm
- Feststellschraube
- Spezialstahl
- Messflächen gehärtet
- Lieferung einzeln verpackt

- Works standard
- Locking screw
- Special steel
- Hardened measuring faces
- Delivered in individual packages

mm	Wellen / Shaft Ø-mm	mm	kg	Nº
120	6 – 120	1/20	0,22	1915 102

Fräseinstellmessschieber

Milling tool setting calipers

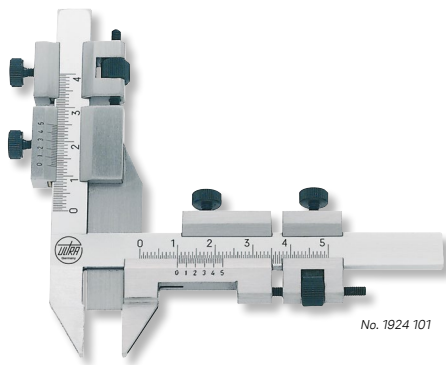


No. 5091 1.

- Feststellschraube
- rostfreier Stahl, Anschlagfläche gehärtet
- Anschlaglänge 100mm
- Ableseteile mattverchromt
- Lieferung einzeln verpackt

- Locking screw
- Stainless steel, stop face hardened
- Length of stop plate 100mm
- Satin chrome reading parts
- Delivered in individual packages

mm	mm	mm	kg	Nº
200	80	1/20	0,27	5091 102
300	80	1/20	0,31	5091 103



Messschieber für Zahnweite und Zahndicke



- ▶ Werksnorm
- ▶ Feststellschraube und Feineinstellung
- ▶ rostfreier Stahl gehärtet
- ▶ Ableseteile mattverchromt
- ▶ Lieferung im Etui

1924 101:
Messflächen gehärtet

1925 101:
Messflächen hartmetallbestückt

Vernier calipers for tooth width and thickness

- ▶ Works standard
- ▶ Locking screw and fine adjustment
- ▶ Stainless steel hardened
- ▶ Satin chrome reading parts
- ▶ Delivered in a case

1924 101:
Hardened measuring faces

1925 101:
Tungsten carbide-tipped measuring faces

Modul Module	≤ mm	kg	Nº	Nº
1 – 26	1/50	0,15	1924 101	1925 101

Digital-Messschieber für 3 oder 5 schneidige Werkzeuge



- ▶ Werksnorm
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ Lieferung im Etui

- Funktionen:**
- ▶ Ein/Aus
 - ▶ mm/inch Umschaltung
 - ▶ 0-Punkt an jeder Position

Digital calipers for 3 or 5 edged tools

- ▶ Works standard
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Delivered in a case

- Functions:**
- ▶ On/Off
 - ▶ mm/inch commutation
 - ▶ Zero setting at any position

5078 301:
3-Punkt-Messung

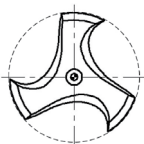
5078 401:
5-Punkt-Messung

5078 301:
3-point measuring

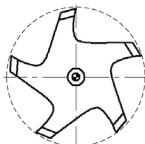
5078 401:
5-point measuring

mm	inch	mm	inch	kg	Nº
4 – 40	.15 – 1.5	0,01	.0005	0,11	5078 301
2 – 40	.08 – 1.5	0,01	.0005	0,1	5078 401

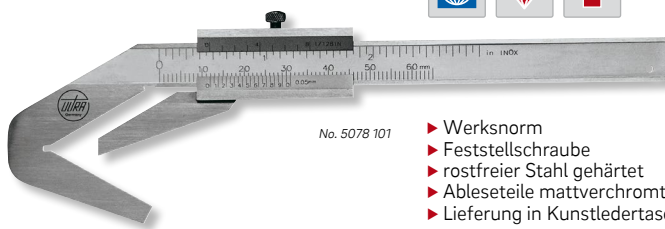
3-Punkt-Messung
3-point measuring



5-Punkt-Messung
5-point measuring



Messschieber für 3 oder 5 schneidige Werkzeuge



- ▶ Werksnorm
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ Ableseteile mattverchromt
- ▶ Lieferung in Kunstledertasche

5078 101:
3-Punkt-Messung

5078 201:
5-Punkt-Messung

Vernier calipers for 3 or 5 edged tools

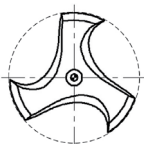
- ▶ Works standard
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Satin chrome reading parts
- ▶ Delivered in imitation leather bag

5078 101:
3-point measuring

5078 201:
5-point measuring

mm	inch	mm	inch	kg	Nº
4 – 40	.15 – 1,5	1/20	1/128	0,11	5078 101
2 – 40	.08 – 1,5	1/20	1/128	0,1	5078 201

3-Punkt-Messung
3-point measuring



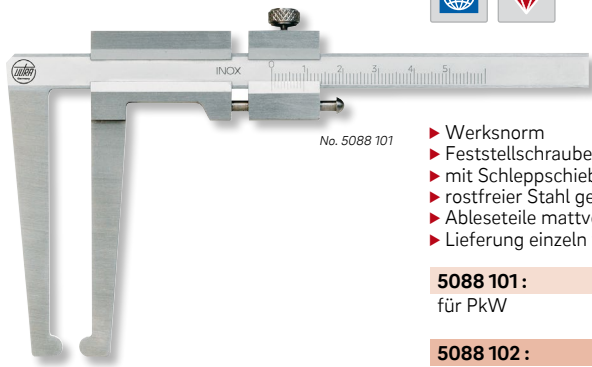
5-Punkt-Messung
5-point measuring



Messschieber für Bremscheiben



Vernier calipers for brake discs



No. 5088 101

- ▶ Werksnorm
- ▶ Feststellschraube
- ▶ mit Schleppschieber
- ▶ rostfreier Stahl gehärtet
- ▶ Ableseteile mattverchromt
- ▶ Lieferung einzeln verpackt




- ▶ Works standard
- ▶ Locking screw
- ▶ With trailing slide
- ▶ Hardened stainless steel
- ▶ Satin chrome reading parts
- ▶ Delivered in individual packages

5088 101:
für PkW

5088 101:
For cars

5088 102:
für LkW

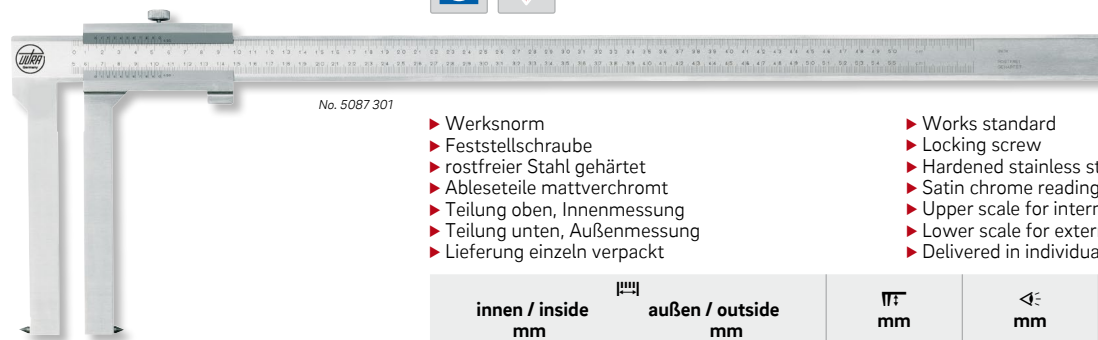
5088 102:
For lorries

 mm	 mm	\leq mm	 kg	Nº
50	75	1/10	0,1	5088 101
100	120	1/10	0,2	5088 102

Messschieber für Bremsstrommeln






Vernier calipers for brake drums



No. 5087 301

- ▶ Werksnorm
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ Ableseteile mattverchromt
- ▶ Teilung oben, Innenmessung
- ▶ Teilung unten, Außenmessung
- ▶ Lieferung einzeln verpackt

- ▶ Works standard
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Satin chrome reading parts
- ▶ Upper scale for internal measurement
- ▶ Lower scale for external measurement
- ▶ Delivered in individual packages

innen / inside mm	 außen / outside mm	 mm	\leq mm	 kg	Nº
50 – 500	0 – 500	150	1/20	1,2	5087 301

Messschieber für Innennuten



Vernier calipers for inside grooves



No. 1926 101

- ▶ Werksnorm
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ Ableseteile mattverchromt
- ▶ Lieferung einzeln verpackt

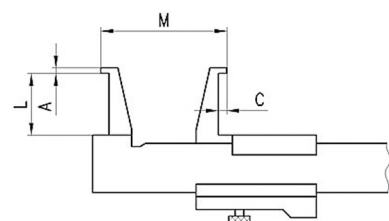
- ▶ Works standard
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Satin chrome reading parts
- ▶ Delivered in individuell packages



1926 1..:
Messschieber

1926 1..:
Vernier calipers

1927 1..:
Holzetui

1927 1..:
Wooden box

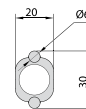


 mm	L mm	A mm	C mm	\leq mm	 kg	Nº	Nº
10 – 160	25	0,9	3,0	1/20	0,15	1926 101	1927 101
20 – 160	40	2,0	5,0	1/20	0,2	1926 102	1927 102
26 – 200	60	3,0	7,0	1/20	0,3	1926 103	1927 103
30 – 250	80	4,0	8,5	1/20	0,35	1926 104	1927 104
35 – 300	100	5,0	10,0	1/20	0,5	1926 105	1927 105



Digital-Universalmessschieber DIGI NETTUNO P CARBON für Innen- und Außenmessung

Digital universal measuring instrument DIGI NETTUNO P CARBON for inside and outside measurement



Stangenquerschnitt
Bar cross section
30x20mm

Lange Messschnäbel
Long measuring jaws

Konstante Messkraft
Constant measuring force

- ▶ Werksnorm
- ▶ Schutzart IP54, Sylvac System
- ▶ Feststellschraube
- ▶ Mit konstanter Messkraft durch Feder
- ▶ großes LCD Display
- ▶ Messeinsätze auswechselbar
- ▶ Stange aus Kohlefaser 30x20mm, Führungselemente aus verchromten Stahl
- ▶ Extrem geringes Gewicht, hohe Formstabilität
- ▶ Lieferung im Holzetui inkl. je 1 Paar Hülsen Ø 3,5mm mit Innengewinde M 2,5 und Standard-Messeinsätzen Kugel Ø 3mm

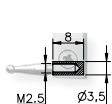
- ▶ Works standard
- ▶ Protection class IP54, Sylvac System
- ▶ Locking screw
- ▶ With constant measuring force due spring
- ▶ Large LCD display
- ▶ Interchangeable measuring inserts
- ▶ Carbon fibre bar 30x20mm, guiding elements made of chromed steel
- ▶ Extremely low weight, high strength of shape
- ▶ Delivered in wooden case incl. 1 pair each sleeves Ø 3.5mm with internal thread M 2.5 and standard measuring inserts boll Ø 3mm

Funktionen:

- ▶ Ein/Aus
- ▶ mm/inch Umschaltung
- ▶ 0-Punkt an jeder Position
- ▶ ± Preset Funktion
- ▶ Hold Funktion
- ▶ Datenausgang Opto

Functions:

- ▶ On/Off
- ▶ mm/inch commutation
- ▶ Zero setting at any position
- ▶ ± Preset function
- ▶ Hold function
- ▶ Data output Opto



Aufnahme für Standardtaster Ø 3,5mm oder Messuhr taster Gewinde M2,5
Hülse Paar No. 1390 315
Mounting hole for standard probes Ø 3,5mm or dial gauges inserts M2,5
Sleeve pair No. 1390 315

Messeinsätze M 2,5,
siehe Seite 4.18
Measuring inserts M 2.5,
see page 4.18



innen / inside mm / inch		außen / outside mm / inch		mm	A mm	mm	inch	kg	Nº DEMM	Nº
48 - 448	2 - 18	0 - 376	0 - 15	125	12	0,01	.0005	1,0	09000	1854 200
48 - 448	2 - 18	0 - 376	0 - 15	150	12	0,01	.0005	1,02	09001	1854 201
48 - 648	2 - 26	0 - 576	0 - 23	125	12	0,01	.0005	1,15	09003	1854 202
48 - 648	2 - 26	0 - 576	0 - 23	150	12	0,01	.0005	1,17	09004	1854 203
48 - 848	2 - 34	0 - 776	0 - 31	125	12	0,01	.0005	1,28	09006	1854 204
48 - 848	2 - 34	0 - 776	0 - 31	150	12	0,01	.0005	1,3	09007	1854 205
48 - 1048	2 - 42	0 - 976	0 - 39	125	12	0,01	.0005	1,45	09008	1854 206
48 - 1048	2 - 42	0 - 976	0 - 39	125	12	0,01	.0005	1,48	09009	1854 207

Datenkabel RS232 (2m) / Data cable RS232 (2m)

Datenkabel USB (2m) / Data cable USB (2m)

1850 203 **1850 203**

1850 204 **1850 204**



Digital-Messschieber DIGI REMOR IP67 für Innennuten und Nutenbreiten

Digital calipers DIGI REMOR IP67 for inside grooves and groove width



Nutenbreite
Slot width

No. 1926 201

- ▶ Werksnorm
- ▶ Schutzart IP67, Sylvac System
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ Lieferung im Etui

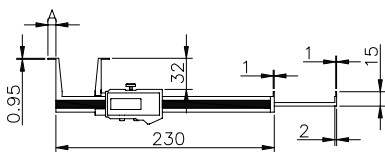
- ▶ Works standard
- ▶ Protection class IP67, Sylvac System
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Delivered in a case

Funktionen:

- ▶ Ein/Aus, Auto-On bei Bewegung, mm/inch Umschaltung, 0-Punkt an jeder Position, ABS-Funktion (fester 0-Punkt), absolutes System, ± Preset Funktion, Datenausgang Proximity

Functions:

- ▶ On/Off, Auto-On by sliding, mm/inch commutation, Zero setting at any position, ABS function (fixed 0 point), absolute system, ± Preset function, Data output Proximity



Anwendungsbeispiele
Example of use



mm	inch	A mm	mm	inch	kg	Nº DEMM	Nº
10 - 170	.4 - 7	3,5	0,01	.0005	0,22	00090	1926 201
20 - 180	.8 - 7	8,5	0,01	.0005	0,23	00091	1926 202

Datenkabel Proximity RS232 (3m) / Data cable Proximity RS 232 (3m)

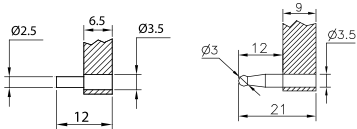
Datenkabel Proximity USB (3m) / Data cable Proximity USB (3m)

1850 203ip

1850 204ip



Digital-Universalmessschieber DIGI ULISSE IP67 für Innen- und Außenmessung



Aufnahme für Standardtaster Ø 3,5mm
oder Messuhrstaster Gewinde M2,5
Hülse Paar No. 1390 315

Mounting hole for standard probes
Ø 3,5mm or dial gauges inserts M2,5
Sleeve pair No. 1390 315

Messeinsätze M 2,5,
siehe Seite 4.18
Measuring inserts M 2.5,
see page 4.18

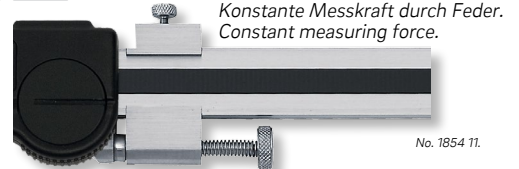


- ▶ Werksnorm
- ▶ Schutzart IP67, Sylvac System
Nr. 1854 103 = IP65
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ Messeinsätze auswechselbar
- ▶ Lieferung im Holzetui inkl. je 1 Paar Hülsen
Ø 3,5mm mit Innengewinde M 2,5 und Standard-
Messeinsätzen Kugel Ø 3mm

Funktion:

- ▶ Ein/Aus, Auto-On bei Bewegung, mm/inch Um-
schaltung, 0-Punkt an jeder Position, ABS-Funktion
(fester 0-Punkt), absolutes System, ± Preset Funktion,
Datenausgang Proximity

Digital universal calipers DIGI ULISSE IP67 for inside and outside measurement



- ▶ Works standard
- ▶ Protection class IP67, Sylvac System
No. 1854 103 = IP65
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Interchangeable measuring inserts
- ▶ Delivered in wooden case incl. 1 pair each sleeves
Ø 3,5mm with internal thread M 2.5 and standard
measuring inserts boll Ø 3mm

Functions:

- ▶ On/Off, Auto-On by sliding, mm/inch commutation,
Zero setting at any position, ABS function (fixed
0 point), absolute system, ± Preset function,
Data output Proximity

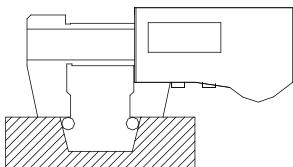
innen / inside mm / inch		außen / outside mm / inch		mm	A mm	mm	inch	kg	Nº DEMME	Nº
24 - 250	1 - 10	0 - 210	0 - 8,5	64	6,5	0,01	.0005	0,26	00792	1854 100
42 - 400	1,5 - 14	0 - 320	0 - 11	103	9	0,01	.0005	0,56	00793	1854 101
42 - 500	1,5 - 18	0 - 420	0 - 15	103	9	0,01	.0005	0,65	00794	1854 102
42 - 650	1,5 - 26	0 - 570	0 - 23	103	9	0,01	.0005	0,74	00192	1854 103
Mit konstanter Messkraft durch Feder / With constant measuring force										
24 - 220	1 - 8,5	0 - 170	0 - 6,5	64	6,5	0,01	.0005	0,3	07165	1854 110
42 - 370	1,5 - 12,5	0 - 280	0 - 9	103	9	0,01	.0005	0,63	07164	1854 111
42 - 470	1,5 - 16,5	0 - 380	0 - 13	103	9	0,01	.0005	0,71	07172	1854 112
Datenkabel Proximity RS232 (3m) / Data cable Proximity RS 232 (3m)										1850 203ip
Datenkabel Proximity USB (3m) / Data cable Proximity USB (3m)										1850 204ip



Digital-Taschenmessschieber DIGI RAV IP 67 für Kegelmessungen



Mit großer 3V Batterie.
With large 3V battery.



- ▶ Werksnorm
- ▶ Schutzart IP67, Sylvac System
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ Tiefenmaß eckig
- ▶ Lieferung im Etui

Funktionen:

- ▶ Ein/Aus, Auto-On bei Bewegung, mm/inch Um-
schaltung, 0-Punkt an jeder Position, ABS-Funktion
(fester 0-Punkt), absolutes System, ± Preset Funktion,
Datenausgang Proximity

- ▶ Works standard
- ▶ Protection class IP67, Sylvac System
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Depth gauge angular
- ▶ Delivered in a case

Functions:

- ▶ On/Off, Auto-On by sliding, mm/inch commutation,
Zero setting at any position, ABS function (fixed
0 point), absolute system, ± Preset function,
Data output Proximity

innen / inside mm / inch		außen / outside mm / inch		mm	inch	kg	Nº DEMME	Nº
10 - 150	.5 - 6	0 - 150	0 - 6	0,01	.0005	0,18	00740	1850 641
Datenkabel Proximity RS232 (3m) / Data cable Proximity RS 232 (3m)								1850 203ip
Datenkabel Proximity USB (3m) / Data cable Proximity USB (3m)								1850 204ip



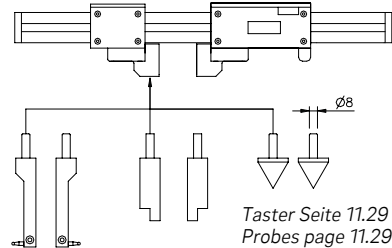
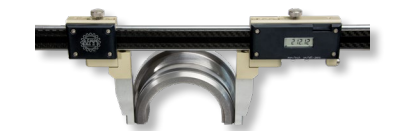
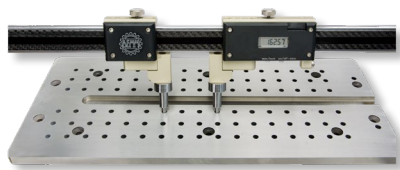
Digital-Universalmessschieber CIRCE CARBON IP67

Digital universal calipers CIRCE CARBON IP67



Messeinsätze Schaft \varnothing 8mm auswechselbar
Measuring inserts shaft \varnothing 8mm interchangeable

Anwendungsbeispiel Bohrungsabstand messen
Example of use bore distance measurement



Taster Seite 11.29
Probes page 11.29

- ▶ Werksnorm
- ▶ Innen- und Außenmessung
- ▶ Schutzart IP67, Sylvac System (> 1000mm = IP54)
- ▶ Stange aus Kohlefaser
- ▶ Feststellschraube
- ▶ Stange aus Kohlefaser, Führungselemente aus verchromtem Stahl
- ▶ Extrem geringes Gewicht, hohe Formstabilität
- ▶ großes LCD Display
- ▶ Lieferung im Holzetui

Funktion:

- ▶ Ein/Aus, Auto-On bei Bewegung, mm/inch Umschaltung, 0-Punkt an jeder Position, ABS-Funktion (fester 0-Punkt), absolutes System, \pm Preset Funktion, Hold Funktion, Datenausgang Proximity

Anwendung:

- ▶ Durch verschiedene Messtaster (Zubehör) können vielfältige Messaufgaben realisiert werden. z.B. Innen- Außenmessung, Messen von Bohrungsabständen, Nuten und Absätzen.

- ▶ Works standard
- ▶ Inside- and outside measurement
- ▶ Protection class IP67, Sylvac System (> 1000mm = IP54)
- ▶ Carbon fibre bar
- ▶ Locking screw
- ▶ Carbon fibre bar, guiding elements made of chromed steel
- ▶ Extremely low weight, high strength of shape
- ▶ Large LCD display
- ▶ Delivered in wooden box

Functions:

- ▶ On/Off, Auto-On by sliding, mm/inch commutation, Zero setting at any position, ABS function (fixed 0 point), absolute system, \pm Preset function, Hold function, Data output Proximity

Application:

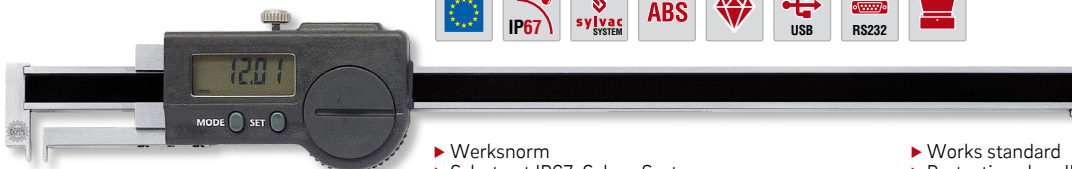
- ▶ With different measuring probes (accessories) you can realise various measuring jobs. e.g. inside and outside measurement, measuring of centre distance, grooves and offset surfaces.

mm	inch	mm	mm	inch	kg	Nº DEMM	Nº
IP67 – Stangenquerschnitt 30 x 10mm / IP67 – Bar cross section 30 x 10mm							
400	16	30 x 10	0,01	.0005	0,75	03001IP67	1851 801ip
600	24	30 x 10	0,01	.0005	0,9	03002IP67	1851 802ip
800	32	30 x 10	0,01	.0005	1,05	90069IP67	1851 802xip
1000	40	30 x 10	0,01	.0005	1,2	90070IP67	1851 803ip
IP54 – Stangenquerschnitt 47 x 16mm / IP54 – Bar cross section 47 x 16mm							
1500	60	47 x 16	0,01	.0005	3,0	90072	1851 804
2000	80	47 x 16	0,01	.0005	3,4	90073	1851 805
2500	100	47 x 16	0,01	.0005	3,8	90074	1851 806
3000	120	47 x 16	0,01	.0005	4,25	90075	1851 807
3500	140	47 x 16	0,01	.0005	4,65	90076	1851 808
Datenkabel RS232 (2m) / Data cable RS232 (2m)							1850 203
Datenkabel USB (2m) / Data cable USB (2m)							1850 204

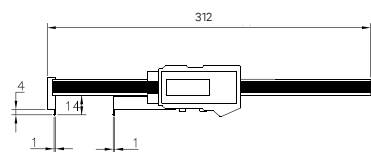


Digital-Messschieber DIGI MUSTA IP67 für Nutenmessung in Bohrungen

Digital calipers DIGI MUSTA IP67 for groove measure inside bores



No. 1926 301



- ▶ Werksnorm
- ▶ Schutzart IP67, Sylvac System
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ Lieferung im Etui

Funktionen:

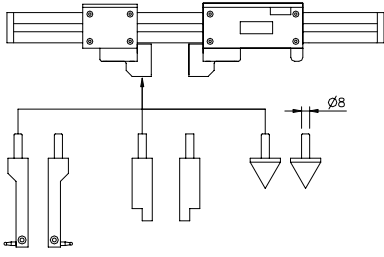
- ▶ Ein/Aus, Auto-On bei Bewegung, mm/inch Umschaltung, 0-Punkt an jeder Position, ABS-Funktion (fester 0-Punkt), absolutes System, \pm Preset Funktion, Datenausgang Proximity

- ▶ Works standard
- ▶ Protection class IP67, Sylvac System
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Delivered in a case

Functions:

- ▶ On/Off, Auto-On by sliding, mm/inch commutation, Zero setting at any position, ABS function (fixed 0 point), absolute system, \pm Preset function, Data output Proximity

innen / inside mm / inch	außen / outside mm / inch	mm	inch	kg	Nº DEMM	Nº		
2 – 200	.1 – 8	0 – 200	0 – 8	0,01	.0005	0,25	00745	1926 301
Datenkabel Proximity RS232 (3m) / Data cable Proximity RS 232 (3m)							1850 203ip	
Datenkabel Proximity USB (3m) / Data cable Proximity USB (3m)							1850 204ip	



**Messeinsätze für DEMM
Universalmessschieber
mit Einspannschaft Ø 8mm, Paar**



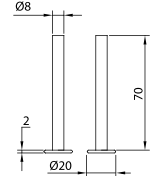
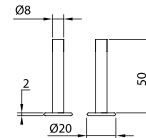
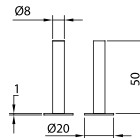
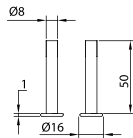
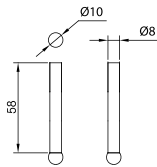
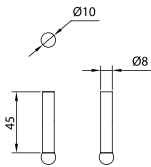
- ▶ aus gehärtetem Spezialstahl
- ▶ Lieferung paarweise verpackt

! Andere Messtaster auf Anfrage.

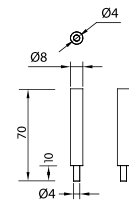
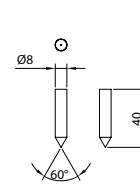
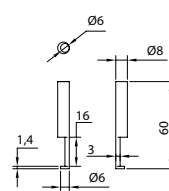
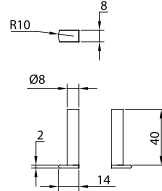
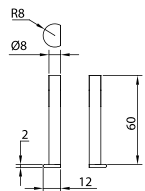
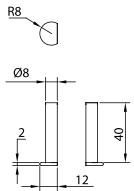
**Probes for DEMM
universal calipers
with clamping shaft Ø 8mm, pair**

- ▶ Hardened special steel
- ▶ Delivered in a package (pair)

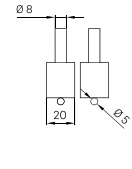
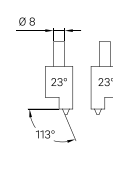
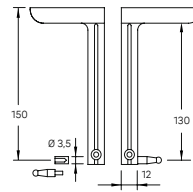
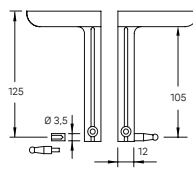
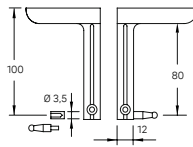
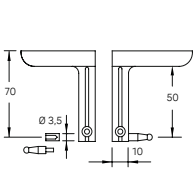
! Other measurings inserts on request.



DEMM №	00298	00291	00272	03005	00271	60020
Nº	1390 301	1390 302	1390 303	1390 312	1390 313	1390 304



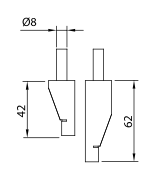
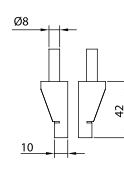
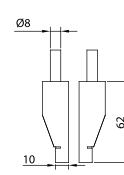
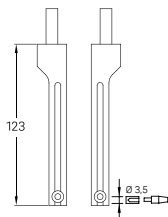
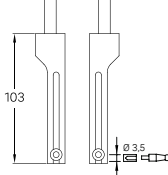
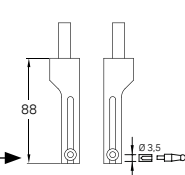
DEMM №	00290	00292	00294	00293	00296	00273
Nº	1390 305	1390 306	1390 307	1390 308	1390 309	1390 314



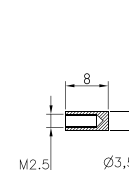
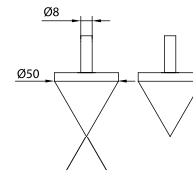
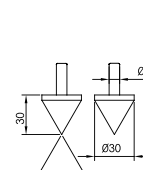
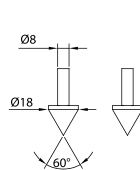
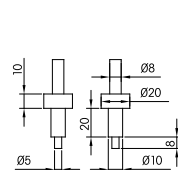
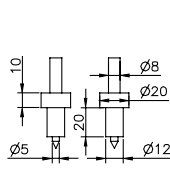
DEMM №	99900	99902	99904	99905	201551	201550
Nº	1390 316	1390 317	1390 318	1390 319	1390 320	1390 321

Aufnahme für Standardtaster Ø 3,5mm oder Messuhr taster Gewinde M2,5

Mounting hole for standard probes Ø 3,5mm or dial gauges inserts M2,5



DEMM №	00220	00220100	00220150	00222	00223	00224
Nº	1851 810	1851 810x	1851 811x	1851 812	1851 813	1851 814



DEMM №	00226	00228	60010	00225	60015	02000
Nº	1851 816	1851 818	1851 819	1851 815	1851 820	1390 315

Tablett für Messtaster

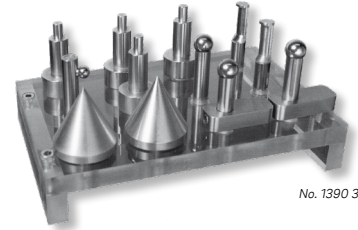


- ▶ zur Aufbewahrung von max. 12 Tastern
- ▶ aus Plexiglas
- ▶ Bohrungen für Schaft Ø 8mm
- ▶ Lieferung einzeln verpackt, ohne Taster

L mm	W kg	Nº DEMM	Nº
150 x 100 x 25	0,1	00202	1390 351

Tray for measuring probes

- ▶ For storing of max. 12 probes
- ▶ Made of plexiglass
- ▶ Holes for shaft Ø 8mm
- ▶ Delivered in individual packages



No. 1390 351

💡 Wussten Sie schon? Did you know?

DIN Auszüge, zusätzliche technische Information, Stichwort- und Artikelnummernverzeichnis finden Sie im:

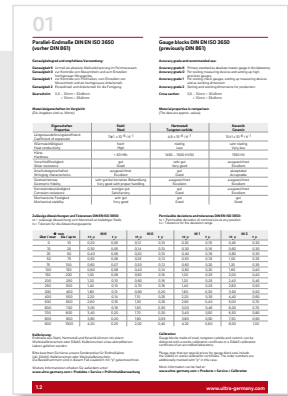
Kapitel „Info“ & „Index“

Nach Kapitel 15 im hinteren Katalogteil.

You can find DIN extracts, additional information, subject index and reference number directory in:

Chapter „Info“ & „Index“

After Chapter 15, in the rear part of the catalogue.



Gewindemesseinsätze für DEMM Universalmessschieber mit Einspannschaft Ø 8mm, Paar



- ▶ aus gehärtetem Spezialstahl
- ▶ 60° metrisch
- ▶ Lieferung paarweise verpackt

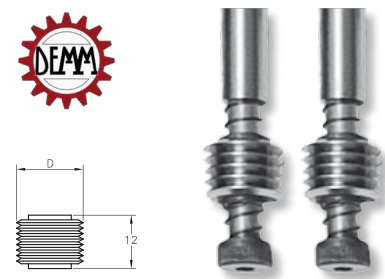
! Andere Steigungen und Längen auf Anfrage.

Steigung / pitch	D mm	Nº DEMM	Nº
0,8	14	00280	1851 831
1	14	00281	1851 832
1,25	14	00282	1851 833
1,5	14	00283	1851 834
2	14	00284	1851 835
2,5	14	00285	1851 836
3	14	00286	1851 837
4	20	00287	1851 838
5	20	00288	1851 839
6	20	00289	1851 840

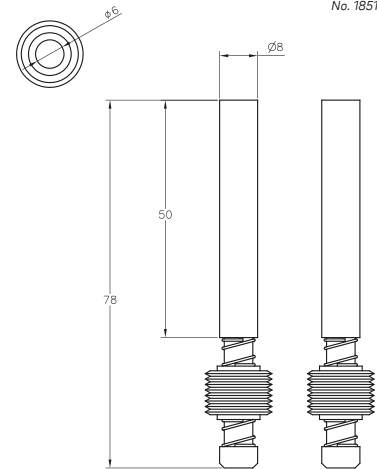
Thread probes for DEMM universal calipers with clamping shaft Ø 8mm, pair

- ▶ Hardened special steel
- ▶ 60° metric
- ▶ Delivered in a package (pair)

! Other steps and lengths on request.

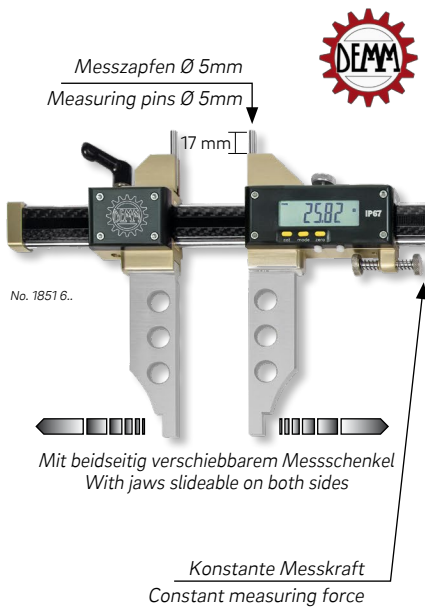


No. 1851 83.



**Digital-Messschieber
ELETTRA H IP67 mit beidseitig
verschiebbarem Messschenkel**

**Digital calipers
ELETTRA H IP67 with jaws
slidable on both sides**



Stangenquerschnitt
Bar cross section
30x10mm

- ▶ Werksnorm
- ▶ Schutzart IP67, Sylvac System
- ▶ Feststellschraube und Feineinstellung
- ▶ Mit konstanter Messkraft durch Feder
- ▶ Stange aus Kohlefaser 30x10mm, Führungselemente aus verchromtem Stahl
- ▶ Messflächen aus rostfreiem Stahl
- ▶ Extrem geringes Gewicht, hohe Formstabilität
- ▶ großes LCD Display
- ▶ Lieferung im Holzetui

- ▶ Works standard
- ▶ Protection class IP67, Sylvac System
- ▶ Locking screw and fine adjustment
- ▶ With constant measuring force due spring
- ▶ Carbon fibre bar 30x10mm, guiding elements made of chromed steel
- ▶ Measuring faces made of stainless steel
- ▶ Extremely low weight, high strength of shape
- ▶ Large LCD display
- ▶ Delivered in wooden box

Funktionen:

- ▶ Ein/Aus, Auto-On bei Bewegung, mm/inch Umschaltung, 0-Punkt an jeder Position, ABS-Funktion (fester 0-Punkt), absolutes System, ± Preset Funktion, Hold Funktion, Datenausgang Proximity

Functions:

- ▶ On/Off, Auto-On by sliding, mm/inch commutation, Zero setting at any position, ABS function (fixed 0 point), absolute system, ± Preset function, Hold function, Data output Proximity

! Größere Messbereiche auf Anfrage.

! Larger measuring ranges on request.

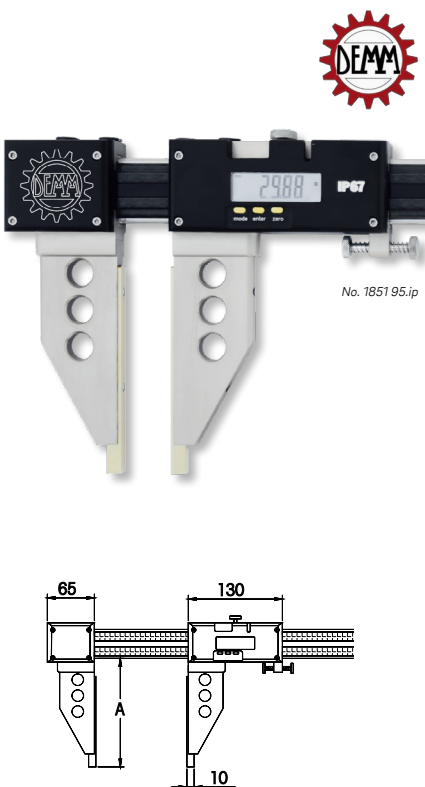
mm	inch	mm	mm	inch	mm	kg	Nº DEMM	Nº	
500	20	125	0,01	.0005	0,03	1,1	78411IP67	1851 601ip	
500	20	150	0,01	.0005	0,03	1,12	78412IP67	1851 602ip	
600	24	125	0,01	.0005	0,03	1,16	78413IP67	1851 603ip	
600	24	150	0,01	.0005	0,03	1,18	78414IP67	1851 604ip	
800	30	125	0,01	.0005	0,04	1,28	78415IP67	1851 605ip	
800	30	150	0,01	.0005	0,04	1,3	78416IP67	1851 606ip	
1000	40	125	0,01	.0005	0,04	1,4	78417IP67	1851 607ip	
1000	40	150	0,01	.0005	0,04	1,42	78418IP67	1851 608ip	
								1850 203ip	
								1850 204ip	

Datenkabel Proximity RS232 (3m) / Data cable Proximity RS 232 (3m)

Datenkabel Proximity USB (3m) / Data cable Proximity USB (3m)

**Digital-Messschieber
ARGO CARBON, IP67**

**Digital calipers
ARGO CARBON, IP67**



Stangenquerschnitt
Bar cross section
40x13mm

- ▶ Werksnorm
- ▶ Schutzart IP67, Sylvac System
- ▶ Mit konstanter Messkraft durch Feder
- ▶ Neues sehr verwindungssteifes Carbonprofil,
- ▶ Führungselemente aus verchromten Stahl
- ▶ Messflächen aus rostfreiem Stahl, TIN beschichtet
- ▶ Extrem geringes Gewicht
- ▶ großes LCD Display
- ▶ Lieferung im Holzetui

- ▶ Works standard
- ▶ Protection class IP67, Sylvac System
- ▶ With constant measuring force due spring
- ▶ New carbon profile with high strength of shape, guiding elements made of chromed steel
- ▶ Measuring faces made of stainless steel, TIN coated
- ▶ Extremely low weight
- ▶ Large LCD display
- ▶ Delivered in wooden box

Funktionen:

- ▶ Ein/Aus, Auto-On bei Bewegung, mm/inch Umschaltung, 0-Punkt an jeder Position, ABS-Funktion (fester 0-Punkt), absolutes System, ± Preset Funktion, Hold Funktion, Datenausgang Proximity

Functions:

- ▶ On/Off, Auto-On by sliding, mm/inch commutation, Zero setting at any position, ABS function (fixed 0 point), absolute system, ± Preset function, Hold function, Data output Proximity

mm	inch	A mm	mm	inch	kg	Nº DEMM	Nº	
1000	40	150	0,01	.0005	1,85	00312	1851 951ip	
1000	40	200	0,01	.0005	1,98	00313	1851 952ip	
1500	60	150	0,01	.0005	2,2	00314	1851 953ip	
1500	60	200	0,01	.0005	2,33	00315	1851 954ip	
2000	80	150	0,01	.0005	2,6	00316	1851 955ip	
2000	80	200	0,01	.0005	2,73	00317	1851 956ip	
								1850 203ip
								1850 204ip

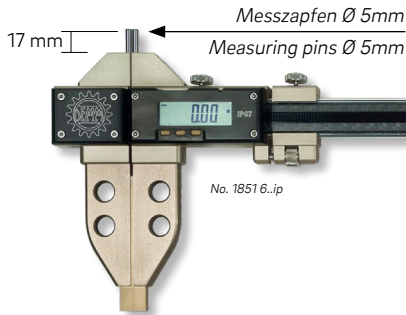
Datenkabel Proximity RS232 (3m) / Data cable Proximity RS 232 (3m)

Datenkabel Proximity USB (3m) / Data cable Proximity USB (3m)



Digital-Messschieber ERACLE IP67 CARBON mit zylindrischen Messzapfen Ø5mm

Digital calipers ERACLE IP67 CARBON with cylindrical measuring pins Ø5mm



Stangenquerschnitt
Bar cross section
30x10mm

- ▶ Werkstoffnorm
- ▶ Schutzart IP67, Sylvac System
- ▶ Feststellschraube und Feineinstellung
- ▶ Stange aus Kohlefaser 30x10mm, Führungselemente aus verchromtem Stahl
- ▶ Messflächen aus rostfreiem Stahl, TIN beschichtet
- ▶ Extrem geringes Gewicht, hohe Formstabilität
- ▶ großes LCD Display
- ▶ Lieferung im Holzetui

- ▶ Works standard
- ▶ Protection class IP67, Sylvac System
- ▶ Locking screw and fine adjustment
- ▶ Carbon fibre bar 30x10mm, guiding elements made of chromed steel
- ▶ Measuring faces made of stainless steel, TIN coated
- ▶ Extremely low weight, high strength of shape
- ▶ Large LCD display
- ▶ Delivered in wooden box

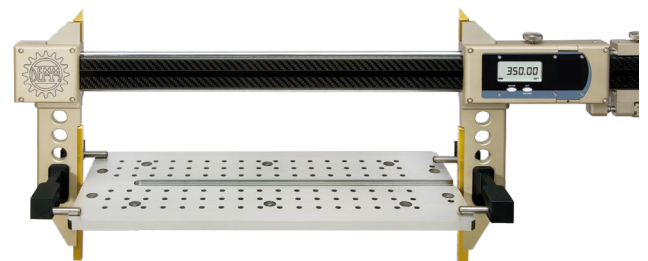
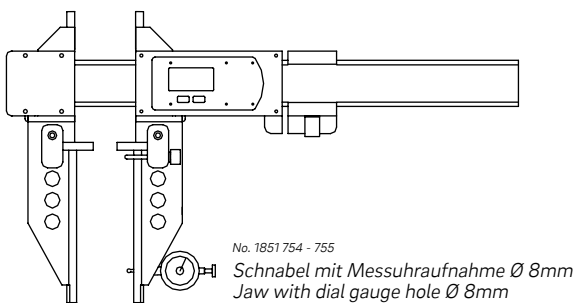
Funktionen:

- ▶ Ein/Aus, Auto-On bei Bewegung, mm/inch Umschaltung, 0-Punkt an jeder Position, ABS-Funktion (fester 0-Punkt), absolutes System, ± Preset Funktion, Hold Funktion, Datenausgang Proximity

Functions:

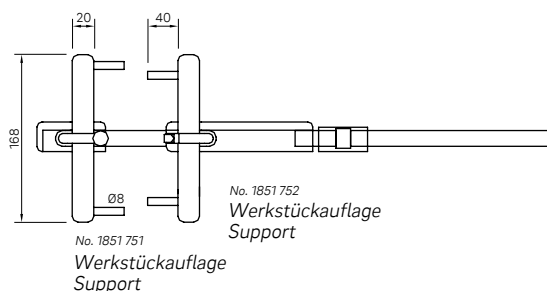
- ▶ On/Off, Auto-On by sliding, mm/inch commutation, Zero setting at any position, ABS function (fixed 0 point), absolute system, ± Preset function, Hold function, Data output Proximity

mm inch		mm inch		mm	kg	Nº DEMM	Nº	
500	20	100	0,01	.0005	0,03	1,02	00950IP67	1851 651ip
500	20	125	0,01	.0005	0,03	1,1	00954IP67	1851 652ip
500	20	150	0,01	.0005	0,03	1,12	00958IP67	1851 653ip
500	20	200	0,01	.0005	0,03	1,22	00962IP67	1851 654ip
600	24	100	0,01	.0005	0,03	1,08	00951IP67	1851 655ip
600	24	125	0,01	.0005	0,03	1,16	00955IP67	1851 656ip
600	24	150	0,01	.0005	0,03	1,18	00959IP67	1851 657ip
600	24	200	0,01	.0005	0,03	1,28	00963IP67	1851 658ip
800	32	100	0,01	.0005	0,03	1,2	00952IP67	1851 659ip
800	32	125	0,01	.0005	0,04	1,28	00956IP67	1851 660ip
800	32	150	0,01	.0005	0,04	1,3	00960IP67	1851 661ip
800	32	200	0,01	.0005	0,04	1,4	00964IP67	1851 662ip
1000	40	100	0,01	.0005	0,04	1,32	00953IP67	1851 663ip
1000	40	125	0,01	.0005	0,04	1,4	00957IP67	1851 664ip
1000	40	150	0,01	.0005	0,04	1,42	00961IP67	1851 665ip
1000	40	200	0,01	.0005	0,04	1,52	00965IP67	1851 666ip
Datenkabel Proximity RS232 (3m) / Data cable Proximity RS 232 (3m)								1850 203ip
Datenkabel Proximity USB (3m) / Data cable Proximity USB (3m)								1850 204ip



Anwendungsbeispiele
Werkstückauflage

Examples
of use Support



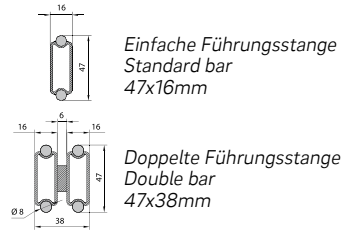


Digital-Messschieber ZEUS CARBON mit Messerspitzen

Digital calipers ZEUS CARBON with knife points



No. 1851 7.



- ▶ Werksnorm
- ▶ Schutzart IP54, Sylvac System
- ▶ Feststellschraube und Feineinstellung
- ▶ Stange aus Kohlefaser 47x16mm, Führungselemente aus verchromtem Stahl
- ▶ Messflächen und Messerspitzen aus rostfreiem Stahl, TIN beschichtet
- ▶ Extrem geringes Gewicht, hohe Formstabilität
- ▶ großes LCD Display
- ▶ Lieferung im Holzetui

- ▶ Works standard
- ▶ Protection class IP54, Sylvac System
- ▶ Locking screw and fine adjustment
- ▶ Carbon fibre bar 47x16mm, guiding elements made of chromed steel
- ▶ Measuring faces and knife points made of stainless steel, TIN coated
- ▶ Extremely low weight, high strength of shape
- ▶ Large LCD display
- ▶ Delivered in wooden box

Funktionen:

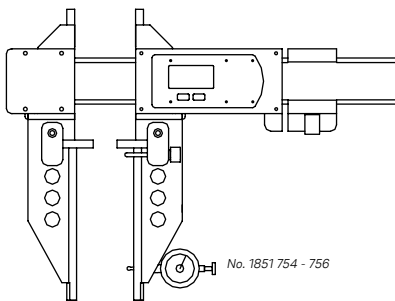
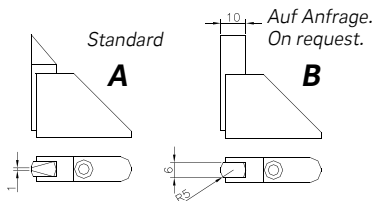
- ▶ Ein/Aus, mm/inch Umschaltung, 0-Punkt an jeder Position, Hold Funktion, Datenausgang Opto

Functions:

- ▶ On/Off, mm/inch commutation, Zero setting at any position, Hold function, Data output Opto

! Bei Bestellung Spitzenform angeben - als Standard wird Form A geliefert. Andere Größen und Schnabellängen auf Anfrage.

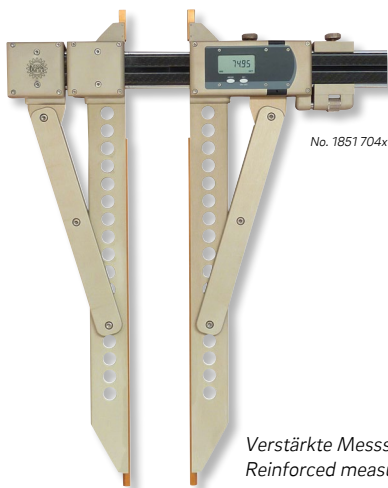
! Specify point type in order - standard supply with type A. Other sizes and jaw lengths on request.



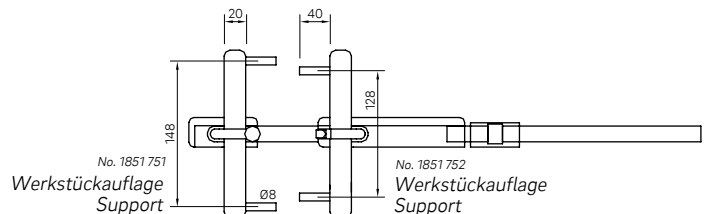
Schnabel mit Messuhraufnahme Ø 8mm
Jaw with dial gauge hole Ø 8mm

mm	inch	mm	mm	mm	inch	mm	kg	Nº	Nº
Einfache Führungsstange 47x16mm / Standard bar 48x16mm									
1000	40	150	47x16	0,01	.0005	0,03	2,5	0900	1851 701
1000	40	200	47x16	0,01	.0005	0,03	2,6	0901	1851 702
1000	40	300	47x16	0,01	.0005	0,03	2,8	0908	1851 703
1000	40	500	47x16	0,01	.0005	0,04	3,2	0909	1851 704
1500	60	150	47x16	0,01	.0005	0,05	3,2	0915	1851 704x
1500	60	200	47x16	0,01	.0005	0,05	3,3	0902	1851 705
1500	60	300	47x16	0,01	.0005	0,06	3,5	0910	1851 706
1500	60	500	47x16	0,01	.0005	0,06	3,9	0916	1851 706x
2000	80	150	47x16	0,01	.0005	0,06	3,3	0903	1851 707x
2000	80	200	47x16	0,01	.0005	0,06	3,5	0904	1851 707
2000	80	300	47x16	0,01	.0005	0,07	3,7	0911	1851 708
2000	80	500	47x16	0,01	.0005	0,07	4,1	0914	1851 708x
2500	100	200	47x16	0,01	.0005	0,07	3,7	0912	1851 709
2500	100	300	47x16	0,01	.0005	0,08	3,9	0913	1851 710
3000	120	200	47x16	0,01	.0005	0,08	4,0	0905	1851 711
3000	120	300	47x16	0,01	.0005	0,09	4,2	0907	1851 712
3500	138	200	47x16	0,01	.0005	0,10	4,9	0917	1851 713
3500	138	300	47x16	0,01	.0005	0,10	5,1	0918	1851 714

mm	inch	mm	mm	mm	inch	mm	kg	Nº	Nº
Doppelte Führungsstange 47x38mm / Double bar 48x38mm									
4000	157	200	47x38	0,01	.0005	0,12	5,8	0919	1851 715
4000	157	300	47x38	0,01	.0005	0,12	6,0	0920	1851 716
4500	178	200	47x38	0,01	.0005	0,15	6,5	0927	1851 717
4500	178	300	47x38	0,01	.0005	0,15	6,7	0928	1851 718
5000	197	200	47x38	0,01	.0005	0,18	7,2	0929	1851 719
5000	197	300	47x38	0,01	.0005	0,18	7,4	0930	1851 720
Werkstückauflage für festen Schnabel / Support for fixed jaw								30991 AS 2	1851 751
Werkstückauflage für verschiebbaren Schnabel / Support for slideable jaw								30990 AS 1	1851 752
Schnabel 150mm für Messuhr Ø 8mm / Jaw 150mm for dial gauges Ø 8mm								30993 BPC 150mm	1851 754
Schnabel 200mm für Messuhr Ø 8mm / Jaw 200mm for dial gauges Ø 8mm								30993 BPC 200mm	1851 755
Schnabel 300mm für Messuhr Ø 8mm / Jaw 300mm for dial gauges Ø 8mm								30993 BPC 300mm	1851 756
Datenkabel RS232 (2m) / Data cable RS232 (2m)									1850 203
Datenkabel USB (2m) / Data cable USB (2m)									1850 204



Verstärkte Messschnäbel ab 500mm
Reinforced measuring jaws from 500mm





Digital-Messschieber DIGI PLUTO BS IP67 ohne Spitzen

Digital calipers DIGI PLUTO BS IP67 without points

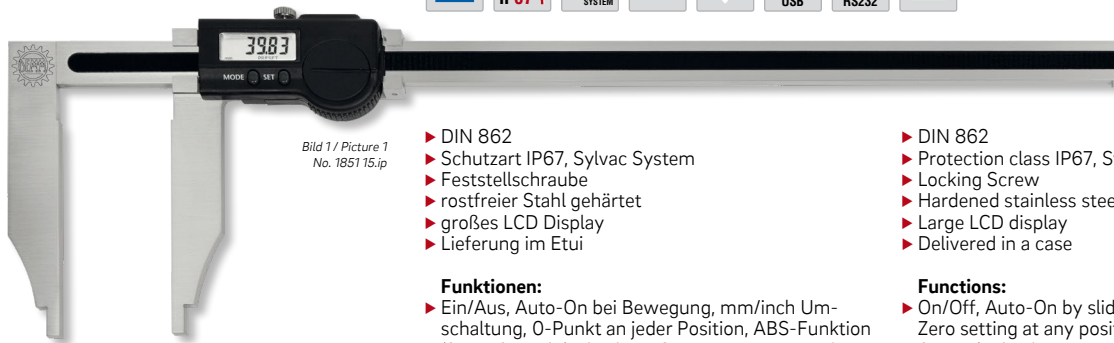


Bild 1 / Picture 1
No. 1851 15.ip

- ▶ DIN 862
- ▶ Schutzart IP67, Sylvac System
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ Lieferung im Etui

- ▶ DIN 862
- ▶ Protection class IP67, Sylvac System
- ▶ Locking Screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Delivered in a case

Funktionen:

- ▶ Ein/Aus, Auto-On bei Bewegung, mm/inch Umschaltung, 0-Punkt an jeder Position, ABS-Funktion (fester 0-Punkt), absolutes System, ± Preset Funktion, Datenausgang Proximity

Functions:

- ▶ On/Off, Auto-On by sliding, mm/inch commutation, Zero setting at any position, ABS function (fixed 0 point), absolute system, ± Preset function, Data output Proximity

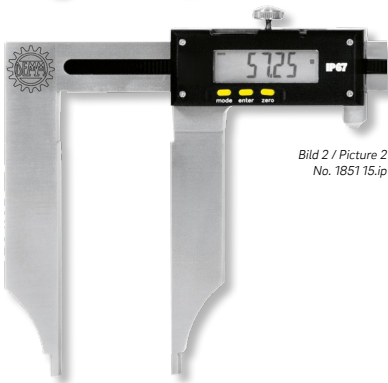


Bild 2 / Picture 2
No. 1851 15.ip

mm	inch	mm	mm	inch	kg	Nº DEMM	Nº
Sylvac-Elektronik – Bild 1 / Picture 1							
300	12	100	0,01	.0005	0,72	00450	1851 151ip
400	16	100	0,01	.0005	0,82	00451	1851 152ip
500	20	100	0,01	.0005	0,92	00452	1851 153ip
Sylvac-Elektronik – Bild 2 / Picture 2							
600	24	150	0,01	.0005	2,6	00454	1851 154ip
800	32	150	0,01	.0005	2,9	00455	1851 155ip
1000	40	150	0,01	.0005	3,3	00456	1851 156ip
Datenkabel Proximity RS232 (3m) / Data cable Proximity RS 232 (3m)							1850 203ip
Datenkabel Proximity USB (3m) / Data cable Proximity USB (3m)							1850 204ip



Digital-Messschieber DIGI PLUTO BD IP67 mit Spitzen

Digital calipers DIGI PLUTO BD IP67 with points



Bild 1 / Picture 1
No. 1851 16.ip

- ▶ DIN 862
- ▶ Schutzart IP67, Sylvac System
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ Lieferung im Etui

- ▶ DIN 862
- ▶ Protection class IP67, Sylvac System
- ▶ Locking Screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Delivered in a case

Funktionen:

- ▶ Ein/Aus, Auto-On bei Bewegung, mm/inch Umschaltung, 0-Punkt an jeder Position, ABS-Funktion (fester 0-Punkt), absolutes System, ± Preset Funktion, Datenausgang Proximity

Functions:

- ▶ On/Off, Auto-On by sliding, mm/inch commutation, Zero setting at any position, ABS function (fixed 0 point), absolute system, ± Preset function, Data output Proximity



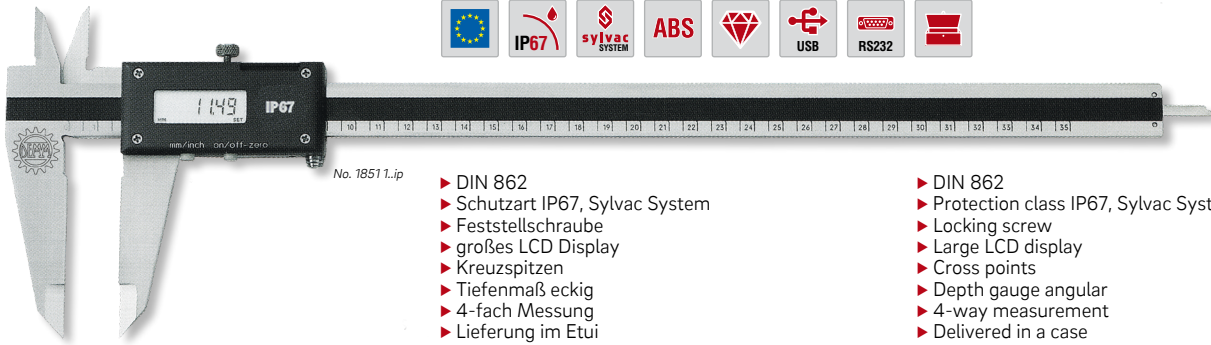
Bild 2 / Picture 2
No. 1851 16.ip

mm	inch	mm	mm	inch	kg	Nº DEMM	Nº
Sylvac-Elektronik – Bild 1 / Picture 1							
300	12	100	0,01	.0005	0,72	00460	1851 161ip
400	16	100	0,01	.0005	0,82	00461	1851 162ip
500	20	100	0,01	.0005	0,92	00462	1851 163ip
Sylvac-Elektronik – Bild 2 / Picture 2							
500	20	150	0,01	.0005	2,25	00463	1851 164ip
600	24	150	0,01	.0005	2,65	00464	1851 165ip
800	32	150	0,01	.0005	2,95	00465	1851 166ip
1000	40	150	0,01	.0005	3,15	00466	1851 167ip
Datenkabel Proximity RS232 (3m) / Data cable Proximity RS 232 (3m)							1850 203ip
Datenkabel Proximity USB (3m) / Data cable Proximity USB (3m)							1850 204ip



**Digital-Messschieber
DIGI ARCER MAGNUM IP67
mit Kreuzspitzen**

**Digital calipers
DIGI ARCER MAGNUM IP67
with cross points**



- ▶ DIN 862
- ▶ Schutzart IP67, Sylvac System
- ▶ Feststellschraube
- ▶ großes LCD Display
- ▶ Kreuzspitzen
- ▶ Tiefenmaß eckig
- ▶ 4-fach Messung
- ▶ Lieferung im Etui

- ▶ DIN 862
- ▶ Protection class IP67, Sylvac System
- ▶ Locking screw
- ▶ Large LCD display
- ▶ Cross points
- ▶ Depth gauge angular
- ▶ 4-way measurement
- ▶ Delivered in a case

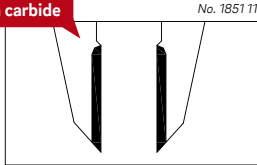
Funktionen:

- ▶ Ein/Aus, Auto-On bei Bewegung, mm/inch Um-
schaltung, 0-Punkt an jeder Position, ABS-Funktion
(fester 0-Punkt), absolutes System, ± Preset Funktion,
Datenausgang Proximity

Functions:

- ▶ On/Off, Auto-On by sliding, mm/inch commutation,
Zero setting at any position, ABS function (fixed
0 point), absolute system, ± Preset function,
Data output Proximity

Hartmetall
Tungsten carbide



1851 1.. :

Mit Messflächen aus rostfreiem Stahl gehärtet

1851 1.. :

Hardened stainless steel measuring faces

1851 11. :

Messflächen hartmetallbestückt

1851 11. :

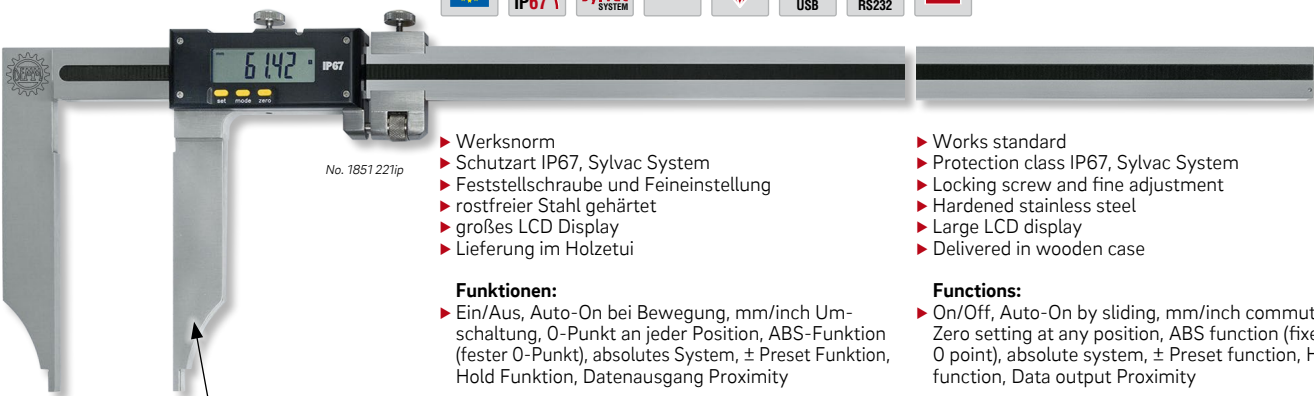
Tungsten carbide-tipped measuring faces

mm	inch	W mm	mm	inch	kg	Nº DEMM	Nº	Nº DEMM	Nº
250	10	70	0,01	.0005	0,31	00081IP67	1851 101ip	00088IP67	1851 111ip
300	12	70	0,01	.0005	0,38	00082IP67	1851 102ip	00089IP67	1851 112ip
400	16	70	0,01	.0005	0,42	00078IP67	1851 103ip	00070IP67	1851 113ip
Datenkabel Proximity RS232 (3m) / Data cable Proximity RS 232 (3m)							1850 203ip		
Datenkabel Proximity USB (3m) / Data cable Proximity USB (3m)							1850 204ip		



**Digital-Messschieber
DIGI FEMO BL IP67
mit langen Schnäbeln**

**Digital calipers
DIGI FEMO BL IP67
with long jaws**



- ▶ Werksnorm
- ▶ Schutzart IP67, Sylvac System
- ▶ Feststellschraube und Feineinstellung
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ Lieferung im Holzetui

- ▶ Works standard
- ▶ Protection class IP67, Sylvac System
- ▶ Locking screw and fine adjustment
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Delivered in wooden case

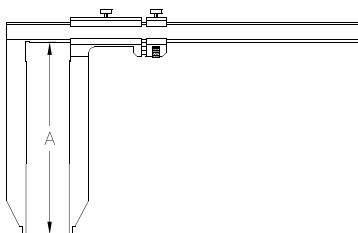
Funktionen:

- ▶ Ein/Aus, Auto-On bei Bewegung, mm/inch Um-
schaltung, 0-Punkt an jeder Position, ABS-Funktion
(fester 0-Punkt), absolutes System, ± Preset Funktion,
Hold Funktion, Datenausgang Proximity

Functions:

- ▶ On/Off, Auto-On by sliding, mm/inch commutation,
Zero setting at any position, ABS function (fixed
0 point), absolute system, ± Preset function, Hold
function, Data output Proximity

Lange Messschnäbel
Long measuring jaws



mm	inch	A mm	mm	inch	kg	Nº DEMM	Nº
500	20	200	0,01	.0005	2,05	00700IP67	1851 221ip
600	24	250	0,01	.0005	2,55	00701IP67	1851 222ip
600	24	300	0,01	.0005	2,85	00702IP67	1851 223ip
1000	40	300	0,01	.0005	5,67	00704IP67	1851 225ip
Datenkabel Proximity RS232 (3m) / Data cable Proximity RS 232 (3m)							1850 203ip
Datenkabel Proximity USB (3m) / Data cable Proximity USB (3m)							1850 204ip

Digital-Universalmessschieber ALINOX mit beidseitig verschiebbarem Messschenkel

Digital universal calipers ALINOX with jaws slidable on both sides



No. 1860 8.

Mit beidseitig verschiebbarem Messschenkel
With jaws slideable on both sides

- ▶ Werksnorm (Werkstattqualität)
- ▶ Innen- und Außenmessung
- ▶ Schutzart IP54, Sylvac System
- ▶ Feststellschraube und Feineinstellung
- ▶ Stange 36x9mm und Führungselemente aus Aluminium
- ▶ Schnäbel aus rostfreiem Stahl gehärtet
- ▶ Extrem geringes Gewicht
- ▶ großes LCD Display
- ▶ Lieferung ab Messbereich 1000mm im Holzkasten

Funktionen:

- ▶ Ein/Aus, mm/inch Umschaltung, ± Preset Funktion, 0-Punkt an jeder Position, Hold Funktion, Datenausgang Opto

! Andere Größen und größere Schnabellängen auf Anfrage.

- ▶ Works standard (workshop quality)
- ▶ Inside- and outside measurement
- ▶ Protection class IP54, Sylvac System
- ▶ Locking screw and fine adjustment
- ▶ Bar 36x9mm and guiding elements made of aluminium
- ▶ Jaws made of hardened stainless steel
- ▶ Extremely low weight
- ▶ Large LCD display
- ▶ Delivered from measuring range 1000mm in storage box

Functions:

- ▶ On/Off, mm/inch commutation, ± preset function, zero setting at any position, hold function, data output opto

! Other sizes and larger jaw lengths on request.

mm	inch	mm	mm	inch	kg	Nº	mm	inch	mm	mm	inch	kg	Nº
500	20	150	0,01	.0005	1,0	1860 801	2000	80	150	0,01	.0005	2,2	1860 810
500	20	300	0,01	.0005	1,3	1860 802	2000	80	300	0,01	.0005	2,5	1860 811
500	20	500	0,01	.0005	1,7	1860 803	2000	80	500	0,01	.0005	2,9	1860 812
1000	40	150	0,01	.0005	1,4	1860 804	2500	100	150	0,01	.0005	2,6	1860 813
1000	40	300	0,01	.0005	1,7	1860 805	2500	100	300	0,01	.0005	2,9	1860 814
1000	40	500	0,01	.0005	2,1	1860 806	2500	100	500	0,01	.0005	3,4	1860 815
1500	60	150	0,01	.0005	1,8	1860 807	3000	120	150	0,01	.0005	3,0	1860 816
1500	60	300	0,01	.0005	2,1	1860 808	3000	120	300	0,01	.0005	3,3	1860 817
1500	60	500	0,01	.0005	2,5	1860 809	3000	120	500	0,01	.0005	3,8	1860 818
Datenkabel RS232 (2m) / Data cable RS232 (2m)													1850 203
Datenkabel USB (2m) / Data cable USB (2m)													1850 204

Digital-Messschieber ALINOX

Digital calipers ALINOX



No. 1860 1.

- ▶ Werksnorm (Werkstattqualität)
- ▶ Schutzart IP54, Sylvac System
- ▶ Feststellschraube und Feineinstellung
- ▶ Stange 36x9mm und Führungselemente aus Aluminium
- ▶ Schnäbel aus rostfreiem Stahl gehärtet
- ▶ Extrem geringes Gewicht
- ▶ großes LCD Display
- ▶ Lieferung ab Messbereich 1000mm im Holzkasten

Funktionen:

- ▶ Ein/Aus, mm/inch Umschaltung, ± Preset Funktion, 0-Punkt an jeder Position, Hold Funktion, Datenausgang Opto

! Andere Größen und größere Schnabellängen auf Anfrage.

- ▶ Works standard (workshop quality)
- ▶ Protection class IP54, Sylvac System
- ▶ Locking screw and fine adjustment
- ▶ Bar 36x9mm and guiding elements made of aluminium
- ▶ Jaws made of hardened stainless steel
- ▶ Extremely low weight
- ▶ Large LCD display
- ▶ Delivered from measuring range 1000mm in storage box

Functions:

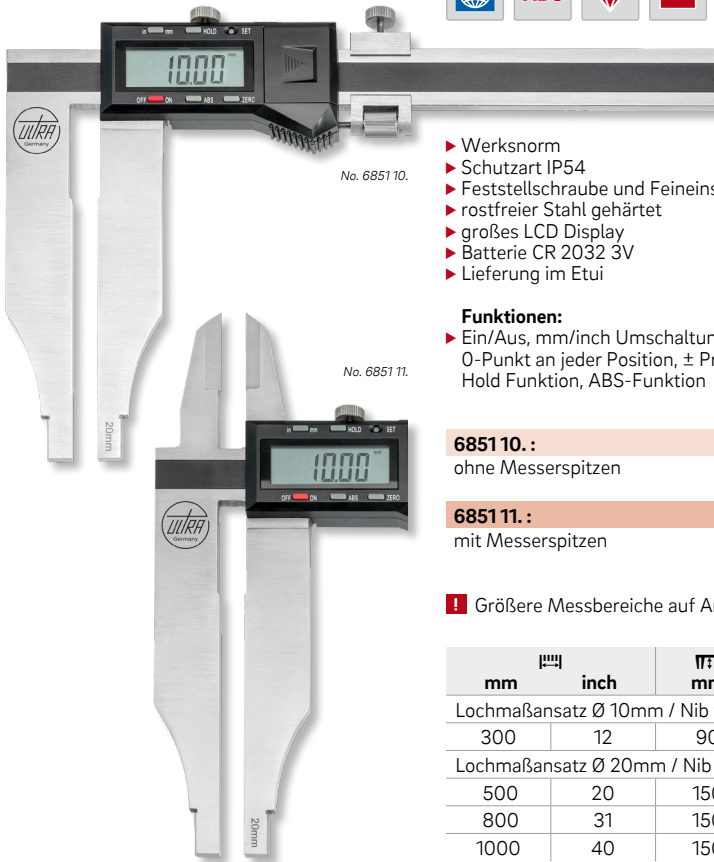
- ▶ On/Off, mm/inch commutation, ± preset function, zero setting at any position, hold function, data output opto

! Other sizes and larger jaw lengths on request.

mm	inch	mm	mm	inch	kg	Nº	mm	inch	mm	mm	inch	kg	Nº
500	20	150	0,01	.0005	1,0	1860 101	2000	80	150	0,01	.0005	2,2	1860 110
500	20	300	0,01	.0005	1,3	1860 102	2000	80	300	0,01	.0005	2,5	1860 111
500	20	500	0,01	.0005	1,7	1860 103	2000	80	500	0,01	.0005	2,9	1860 112
1000	40	150	0,01	.0005	1,4	1860 104	2500	100	150	0,01	.0005	2,6	1860 113
1000	40	300	0,01	.0005	1,7	1860 105	2500	100	300	0,01	.0005	2,9	1860 114
1000	40	500	0,01	.0005	2,1	1860 106	2500	100	500	0,01	.0005	3,3	1860 115
1500	60	150	0,01	.0005	1,8	1860 107	3000	120	150	0,01	.0005	3,0	1860 116
1500	60	300	0,01	.0005	2,1	1860 108	3000	120	300	0,01	.0005	3,3	1860 117
1500	60	500	0,01	.0005	2,5	1860 109	3000	120	500	0,01	.0005	3,7	1860 118
Datenkabel RS232 (2m) / Data cable RS232 (2m)													1850 203
Datenkabel USB (2m) / Data cable USB (2m)													1850 204

Digital-Werkstattmessschieber
ULTRA active

Digital workshop calipers
ULTRA active



- ▶ Werksnorm
- ▶ Schutzart IP54
- ▶ Feststellschraube und Feineinstellung
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ Batterie CR 2032 3V
- ▶ Lieferung im Etui

- ▶ Works standard
- ▶ Protection class IP54
- ▶ Locking screw and fine adjustment
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Battery CR 2032 3V
- ▶ Delivered in a case

Funktionen:
▶ Ein/Aus, mm/inch Umschaltung,
0-Punkt an jeder Position, ± Preset Funktion,
Hold Funktion, ABS-Funktion

Functions:
▶ On/Off, mm/inch commutation,
Zero setting at any position, ± Preset function,
Hold function, ABS function

685110. :
ohne Messerspitzen

685110. :
without knife points

685111. :
mit Messerspitzen

685111. :
with knife points

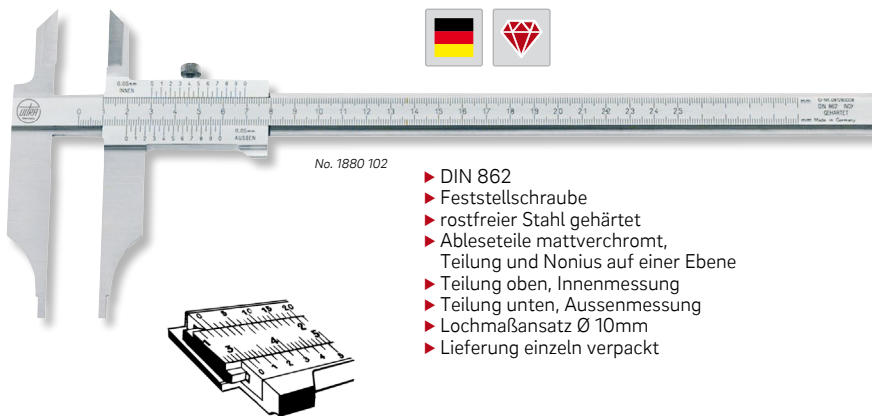
! Größere Messbereiche auf Anfrage.

! Larger measuring ranges on request.

mm	inch	mm	mm	inch	± mm	kg	Nº	Nº
Lochmaßansatz Ø 10mm / Nib for inside measurement Ø 10mm								
300	12	90	0,01	.0005	0,03	1,32	6851101	6851111
Lochmaßansatz Ø 20mm / Nib for inside measurement Ø 20mm								
500	20	150	0,01	.0005	0,05	2,72	6851102	6851112
800	31	150	0,01	.0005	0,06	4,8	6851103	6851113
1000	40	150	0,01	.0005	0,06	6,4	6851104	6851114

Messschieber parallaxfreie Ablesung

Vernier calipers parallax free reading



- ▶ DIN 862
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ Ableseteile mattverchromt, Teilung und Nonius auf einer Ebene
- ▶ Teilung oben, Innenmessung
- ▶ Teilung unten, Ausenmessung
- ▶ Lochmaßansatz Ø 10mm
- ▶ Lieferung einzeln verpackt

- ▶ DIN 862
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Satin chrome reading parts; scale and vernier on one level
- ▶ Upper scale for internal measurement
- ▶ Lower scale for external measurement
- ▶ Nibs for inside measurement Ø 10 mm
- ▶ Delivered in individual packages

1880 1.. :
mit Spitzen

1880 1.. :
With points

1880 2.. :
mit Spitzen, mit Feineinstellung

1880 2.. :
With points and fine adjustment

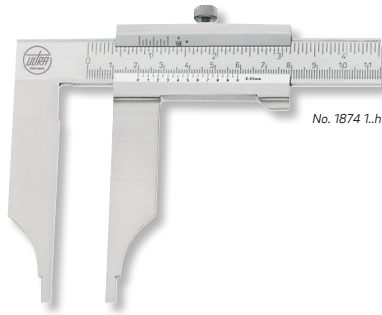
1878 2.. :
Holzetui

1878 2.. :
Wooden box

! Nonius 1/50mm auf Anfrage.

! Vernier 1/50mm on request.

mm	mm	mm	kg	Nº	Nº	Nº
200	80	1/20	0,45	1880 101	1880 201	1878 201
250	80	1/20	0,5	1880 102	1880 202	1878 202
300	90	1/20	0,55	1880 103	1880 203	1878 203



No. 1874 1..h

Werkstattmessschieber ohne Spitzen ULTRA active



- ▶ DIN 862
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ Ableseteile mattverchromt
- ▶ Lieferung inkl. Holzetui

1874 1..h / 1893 1..h :
ohne Feineinstellung

1876 1..h / 1895 1..h :
mit Feineinstellung

! Größere Messbereiche auf Anfrage.

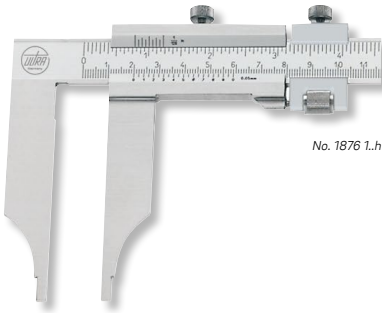
Vernier calipers without points ULTRA active

- ▶ DIN 862
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Satin chrom reading parts
- ▶ Delivery incl. wooden box

1874 1..h / 1893 1..h :
without fine adjustment

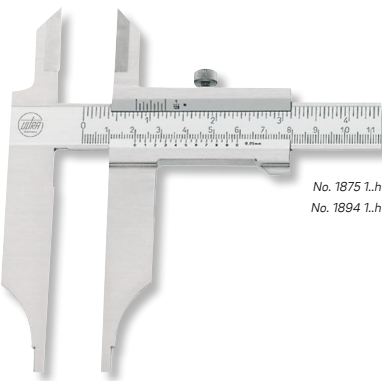
1876 1..h / 1895 1..h :
with fine adjustment

! Larger measuring ranges on request.



No. 1876 1..h

mm	inch	mm	mm	inch	kg	Nº	Nº
Lochmaßansatz Ø 10mm / Nibs for inside measurement Ø 10mm							
250	10	90	1/20	1/128	0,45	1874 102h	1876 102h
300	12	90	1/20	1/128	0,5	1874 103h	1876 103h
Lochmaßansatz Ø 20mm / Nibs for inside measurement Ø 20mm							
400		125	1/20		1,1	1893 101h	1895 101h
500		150	1/20		1,2	1893 103h	1895 103h
600		150	1/20		1,5	1893 105h	1895 105h
800		150	1/20		2,9	1893 107h	1895 107h
1000		150	1/20		3,9	1893 109h	1895 109h



No. 1875 1..h

No. 1894 1..h

Werkstattmessschieber mit Spitzen ULTRA active



- ▶ DIN 862
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ Ableseteile mattverchromt
- ▶ Lieferung inkl. Holzetui

1875 1..h / 1894 1..h :
ohne Feineinstellung

1877 1..h / 1896 1..h :
mit Feineinstellung

! Größere Messbereiche auf Anfrage.

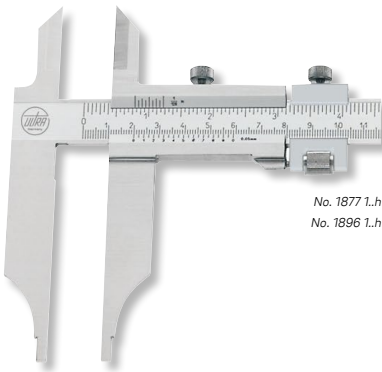
Vernier calipers with points ULTRA active

- ▶ DIN 862
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Satin chrom reading parts
- ▶ Delivery incl. wooden box

1875 1..h / 1894 1..h :
without fine adjustment

1877 1..h / 1896 1..h :
with fine adjustment

! Larger measuring ranges on request.



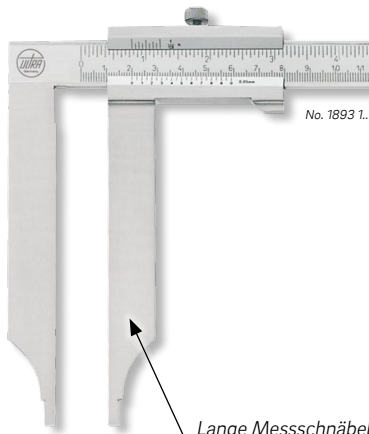
No. 1877 1..h

No. 1896 1..h

mm	inch	mm	mm	inch	kg	Nº	Nº
Lochmaßansatz Ø 10mm / Nibs for inside measurement Ø 10mm							
250	10	90	1/20	1/128	0,45	1875 102h	1877 102h
300	12	90	1/20	1/128	0,5	1875 103h	1877 103h
Lochmaßansatz Ø 20mm / Nibs for inside measurement Ø 20mm							
400		125	1/20		1,1	1894 101h	1896 101h
500		150	1/20		1,2	1894 103h	1896 103h
600		150	1/20		1,5	1894 105h	1896 105h
800		150	1/20		2,9	1894 107h	1896 107h
1000		150	1/20		3,9	1894 109h	1896 109h

Werkstatmessschieber mit langen Schnäbeln, ohne Feineinstellung

Vernier calipers with long jaws, without fine adjustment



Lange Messschnäbel
Long measuring jaws



- ▶ Werksnorm
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ Lieferung einzeln verpackt

- ▶ Works standard
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Delivered in individual packages

1889 1.. :
poliert, Nonius mattverchromt

1889 1.. :
Polished, satin chromed vernier

1893 1.. :
Nonius und Skala mattverchromt

1893 1.. :
Satin chromed vernier and scale

1897 1.. :
Holzetui

1897 1.. :
Wooden box

I Nonius 1/50mm sowie andere Größen und größere Schnabellängen auf Anfrage.

I Vernier 1/50mm and other sizes and larger jaw lengths on request.

mm	mm	mm	kg	Nº	Nº	Nº
Lochmaßansatz Ø 20mm / Nibs for inside measurement Ø 20mm						
500	200	1/20	1,25	1889 104	1893 104	1897 104
500	250	1/20	1,45	1889 121	1893 121	1897 105
600	200	1/20	1,35	1889 106	1893 106	1897 107
600	300	1/20	1,5	1889 122	1893 122	1897 109
800	200	1/20	2,35	1889 108	1893 108	1897 110
800	300	1/20	2,45	1889 123	1893 123	1897 111
800	400	1/20	2,8	1889 123x	1893 123x	1897 112
1000	200	1/20	3,5	1889 110	1893 110	1897 113
1000	300	1/20	3,7	1889 124	1893 124	1897 114
1000	500	1/20	7,6	1889 124x	1893 124x	-
Lochmaßansatz Ø 30mm / Nibs for inside measurement Ø 30mm						
1500	300	1/20	5,95	1889 112	1893 112	1897 120
2000	300	1/20	9,9	1889 114	1893 114	1897 122
3000	300	1/20	19,9	1889 115	-	1897 126

Messschieber für Außennuten

Vernier calipers for outside grooves



No. 1928 103



- ▶ Werksnorm
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ Ableseteile mattverchromt
- ▶ Lieferung einzeln verpackt

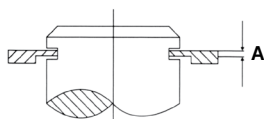
- ▶ Works standard
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Satin chrome reading parts
- ▶ Delivered in individual packages

1928 1.. :
Messschieber

1928 1.. :
Vernier calipers

1929 1.. :
Holzetui

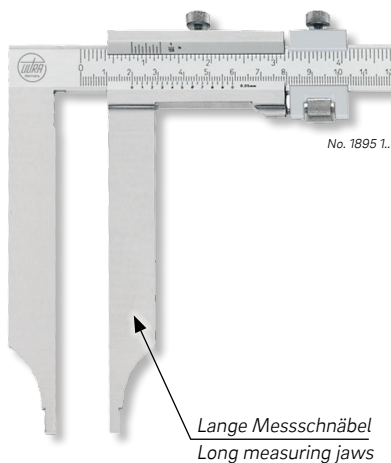
1929 1.. :
Wooden box



mm	inch	mm	A mm	mm	inch	kg	Nº	Nº
200	6	60	1,5	1/20	1/128	0,3	1928 101	1929 101
300	12	90	1,5	1/20	1/128	0,5	1928 103	1929 103

Werkstatmessschieber mit langen Schnäbeln, mit Feineinstellung

Vernier calipers with long jaws, with fine adjustment



- ▶ Werksnorm
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ Lieferung einzeln verpackt

- ▶ Works standard
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Delivered in individual packages

1891 1..:
poliert, Nonius mattverchromt

1891 1..:
Polished, satin chromed vernier

1895 1..:
Nonius und Skala mattverchromt

1895 1..:
Satin chromed vernier and scale

1897 1..:
Holzetui

1897 1..:
Wooden box

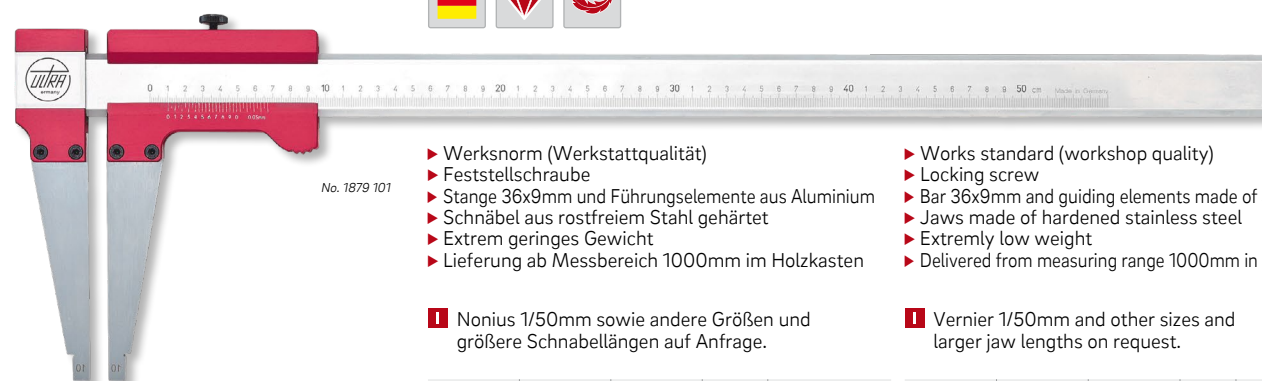
I Nonius 1/50mm sowie andere Größen und größere Schnabellängen auf Anfrage.

I Vernier 1/50mm and other sizes and larger jaw lengths on request.

∟ mm	∟ mm	∠ mm	⚖ kg	Nº	Nº	Nº
Lochmaßansatz Ø 20mm / Nibs for inside measurement Ø 20mm						
500	200	1/20	1,25	1891 104	1895 104	1897 104
500	250	1/20	1,45	1891 121	1895 121	1897 105
600	200	1/20	1,35	1891 106	1895 106	1897 107
600	300	1/20	1,5	1891 122	1895 122	1897 109
800	200	1/20	2,35	1891 108	1895 108	1897 110
800	300	1/20	2,45	1891 123	1895 123	1897 111
800	400	1/20	2,8	1891 123x	1895 123x	1897 112
1000	200	1/20	3,5	1891 110	1895 110	1897 113
1000	300	1/20	3,7	1891 124	1895 124	1897 114
1000	500	1/20	7,6	1891 124x	1895 124x	-
Lochmaßansatz Ø 30mm / Nibs for inside measurement Ø 30mm						
1500	300	1/20	5,95	1891 112	1895 112	1897 120
2000	300	1/20	9,9	1891 114	1895 114	1897 122

Werkstatmessschieber ALINOX

Vernier calipers ALINOX



- ▶ Werksnorm (Werkstattqualität)
- ▶ Feststellschraube
- ▶ Stange 36x9mm und Führungselemente aus Aluminium
- ▶ Schnäbel aus rostfreiem Stahl gehärtet
- ▶ Extrem geringes Gewicht
- ▶ Lieferung ab Messbereich 1000mm im Holzkasten

- ▶ Works standard (workshop quality)
- ▶ Locking screw
- ▶ Bar 36x9mm and guiding elements made of aluminium
- ▶ Jaws made of hardened stainless steel
- ▶ Extremely low weight
- ▶ Delivered from measuring range 1000mm in storage box

I Nonius 1/50mm sowie andere Größen und größere Schnabellängen auf Anfrage.

I Vernier 1/50mm and other sizes and larger jaw lengths on request.

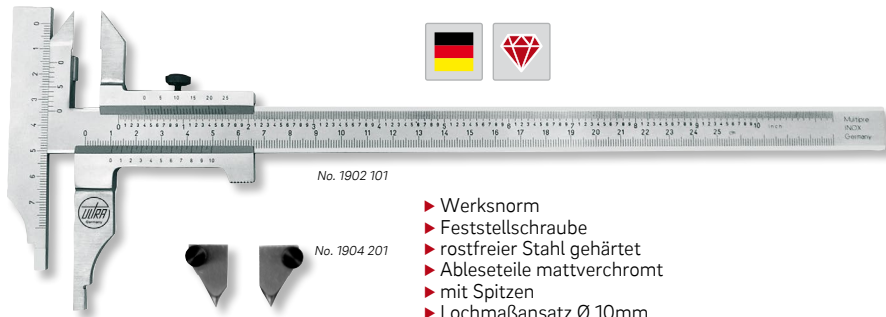
∟ mm	∟ mm	∠ mm	⚖ kg	Nº	∟ mm	∟ mm	∠ mm	⚖ kg	Nº
500	150	1/20	1,0	1879 101	2500	150	1/20	2,6	1879 113
500	300	1/20	1,3	1879 102	2500	300	1/20	2,9	1879 114
500	500	1/20	1,7	1879 103	2500	500	1/20	3,2	1879 115
1000	150	1/20	1,4	1879 104	3000	150	1/20	3,0	1879 116
1000	300	1/20	1,7	1879 105	3000	300	1/20	3,3	1879 117
1000	500	1/20	2,1	1879 106	3000	500	1/20	3,7	1879 118
1500	150	1/20	1,8	1879 107	4000	150	1/20	3,8	1879 119
1500	300	1/20	2,1	1879 108	4000	300	1/20	4,1	1879 120
1500	500	1/20	2,5	1879 109	4000	500	1/20	4,5	1879 121
2000	150	1/20	2,2	1879 110	Aufpreis für Feineinstellung				1879 199
2000	300	1/20	2,5	1879 111	Extra charge for fine adjustment				
2000	500	1/20	2,9	1879 112					



Werkstatmessschieber ALINOX bis Messbereich 4000mm für Linkshänder auf Anfrage.
Vernier calipers ALINOX up to measuring range 4000mm for left-hander on request.

**Messschieber MULTIPRE
Schnabel höhenverstellbar**

**MULTIPRE offset vernier calipers
height adjustable jaw**

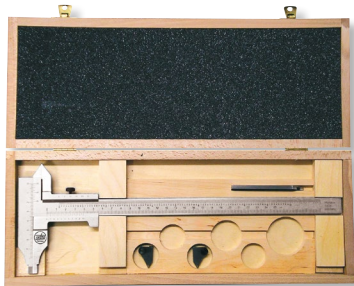


No. 1902 101

No. 1904 201

- ▶ Werknorm
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ Ableseteile mattverchromt
- ▶ mit Spitzen
- ▶ Lochmaßansatz Ø 10mm
- ▶ Lieferung in Kunststoffledertasche (ab 800mm im Holzetui)

- ▶ Works standard
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Satin chrome reading parts
- ▶ with points
- ▶ Nibs for inside measurement Ø 10mm
- ▶ Delivered in imitation leather bag (from 800mm in wooden case)



mm	inch	mm	mm	inch	kg	Nº
250	10	80	1/20	1/128	1,0	1902 101
500	20	150	1/20	1/128	2,0	1902 102
600	24	150	1/20	1/128	2,2	1902 103
800	32	150	1/20	1/128	2,3	1902 104
1000	40	150	1/20	1/128	2,8	1902 105
Messspitzen Paar für Nr. 1902 101 / Pair of measuring points for No. 1902 101						1904 201
Anreisspitze für Nr. 1902 101 / Scriber for No. 1902 101						1904 202
Messspitzen Paar für Nr. 1902 102 – 1902 105 / Pair of measuring points for No. 1902 102 – 1902 105						1904 251
Anreisspitze für Nr. 1902 102 – 1902 105 / Scriber for No. 1902 102 – 1902 105						1904 252



**Digital-Längenmaßstab LETO IP67
CARBON mit Lupe**

**Digital length rule LETO IP67
CARBON with magnifier**



- ▶ Werknorm
- ▶ Zum Messen von Abständen auf Flächen
- ▶ Schutzart IP67, Sylvac System
- ▶ Feststellschraube
- ▶ Stange aus Kohlefaser 30x10mm, Führungselemente aus verchromtem Stahl
- ▶ Extrem geringes Gewicht, hohe Formstabilität
- ▶ großes LCD Display
- ▶ Lieferung im Holzetui mit Lupe (Nr. 1854 699)

- ▶ Works standard
- ▶ To measure a distance on a surface
- ▶ Protection class IP67, Sylvac System
- ▶ Locking screw
- ▶ Carbon fibre bar 30x10mm, guiding elements made of chromed steel
- ▶ Extremely low weight, high strength of shape
- ▶ Large LCD display
- ▶ Delivered in wooden box incl. magnifier (No. 1854 699)



No. 1854 6..

Stangenquerschnitt
Bar cross section
30x10mm

Funktionen:
▶ Ein/Aus, Auto-On bei Bewegung, mm/inch Umschaltung, 0-Punkt an jeder Position, ABS-Funktion (fester 0-Punkt), absolutes System, ± Preset Funktion, Hold Funktion, Datenausgang Proximity

Functions:
▶ On/Off, Auto-On by sliding, mm/inch commutation, Zero setting at any position, ABS function (fixed 0 point), absolute system, ± Preset function, Hold function, Data output Proximity

Handhabung:
▶ Anfangspunkt mit Lupe anvisieren und Anzeige nullen. Mit dem Schieber bis auf den Endpunkt fahren und genaue Position mit Lupe anvisieren. Exakte Länge auf der Digital-Anzeige ablesen.

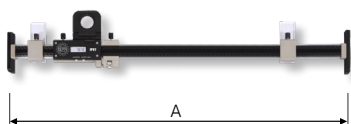
Operation:
▶ Focus on the initial point with the magnifier and reset the display. Slide the calliper to the end point and focus on the exact position with the magnifier. Read the exact length on the digital display.

! Größere Messbereiche auf Anfrage.

! Larger measuring ranges on request.



Halter für Lupe umklappbar
Holder for magnifier fold-away



mm	inch	A mm	mm	inch	kg	Nº DEMM	Nº
450	18	720	0,01	.0005	1,0	80010IP67	1854 601ip
750	30	1020	0,01	.0005	1,9	80011IP67	1854 602ip
1150	45	1420	0,01	.0005	3,0	80012IP67	1854 603ip
1450	57	1720	0,01	.0005	3,7	80013IP67	1854 604ip

> 1450mm auf Anfrage / on request

Datenkabel Proximity RS232 (3m) / Data cable Proximity RS 232 (3m)	1850 203ip
Datenkabel Proximity USB (3m) / Data cable Proximity USB (3m)	1850 204ip



Digital-Anbaumessschieber horizontal oder vertikal



No. 1854 7..

- ▶ Werksnorm
- ▶ Sylvac System
- ▶ mit kugelgelagerter Führung
- ▶ rostfreier Stahl gehärtet
- ▶ Stangenquerschnitt 20x10,4mm
- ▶ großes LCD Display
- ▶ Lieferung einzeln verpackt

Funktionen:

- ▶ Ein/Aus, mm/inch Umschaltung, 0-Punkt an jeder Position, ± Preset Funktion, Hold Funktion, Daten- ausgang Opto

1854 7.. :

Horizontal-Modell (Horizontal Line)

Digital mounting rules horizontal or vertical

- ▶ Works standard
- ▶ Sylvac System
- ▶ With ball bearing guide
- ▶ Hardened stainless steel
- ▶ Bar cross section 20x10.4mm
- ▶ Large LCD display
- ▶ Delivered in individual packages

Functions:

- ▶ On/Off, mm/inch commutation, Zero setting at any position, ± Preset function, Hold function, Data output Opto

1854 7.. :

Horizontal model (Horizontal Line)



No. 1854 8..

1854 8.. :

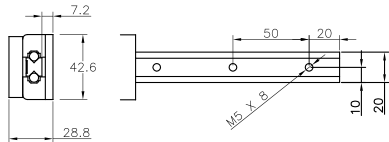
Vertikal-Modell (Vertical Line)

1854 8.. :

Vertical model (Vertical Line)

- ▶ Größere Messbereiche auf Anfrage.

- ▶ Larger measuring ranges on request.



mm	inch	mm	inch	kg	Nº DEMM	Nº	Nº DEMM	Nº
200	8	0,01	.0005	0,35	00974	1854 701	00997	1854 801
300	12	0,01	.0005	0,45	00975	1854 702	00998	1854 802
500	20	0,01	.0005	0,6	00976	1854 703	00999	1854 803

Digital-Anbaumessschieber E-LINE, horizontal oder vertikal



Digital mounting rules E-LINE, horizontal or vertical



No. 1854 50.

- ▶ Werksnorm
- ▶ Sylvac System
- ▶ mit 2 Befestigungsbohrungen
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ Lieferung einzeln verpackt

Funktionen:

- ▶ Ein/Aus, Auto-On bei Bewegung, mm/inch Umschaltung, 0-Punkt an jeder Position, ABS-Funktion (fester 0-Punkt), absolutes System, ± Preset Funktion, Datenausgang Proximity (E-LINE/O = Proximity und E-LINE/V = Opto)

1854 50. :

Horizontal-Modell E-LINE/O, Schutzart IP67

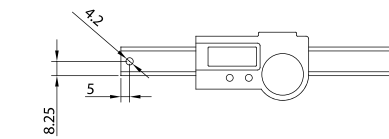
- ▶ Works standard
- ▶ Sylvac System
- ▶ With 2 fixture holes
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Delivered in individual packages

Functions:

- ▶ On/Off, Auto-On by sliding, mm/inch commutation, Zero setting at any position, ABS function (fixed 0 point), absolute system, ± Preset function, Data output Proximity (E-LINE/O = Proximity and E-LINE/V = Opto)

1854 50. :

Horizontal model E-LINE/O, protection class IP67



No. 1854 55.

1854 55. :

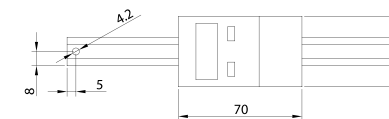
Vertikal-Modell E-LINE/V Schutzart, IP54

1854 55. :

Vertical model E-LINE/V, protection class, IP54

- ▶ Größere Messbereiche auf Anfrage.

- ▶ Larger measuring ranges on request.



mm	inch	mm	inch	mm	kg	Nº DEMM	Nº
150	6	0,01	.0005	16,5x3	0,15	88010	1854 501
200	8	0,01	.0005	16,5x3	0,18	88011	1854 502
300	12	0,01	.0005	16,5x3,5	0,25	88012	1854 503
400	16	0,01	.0005	16,5x3,5	0,32	88013	1854 504
500	20	0,01	.0005	16,5x3,5	0,4	88014	1854 505
150	6	0,01	.0005	16,5x4	0,15	88015	1854 551
200	8	0,01	.0005	16,5x4	0,18	88016	1854 552
300	12	0,01	.0005	16,5x4	0,25	88017	1854 553
400	16	0,01	.0005	16,5x4	0,32	88018	1854 554
500	20	0,01	.0005	16,5x4	0,4	88019	1854 555



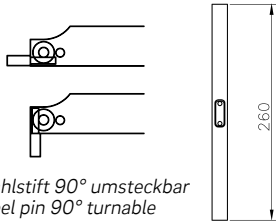
Digital-Tiefenmessschieber DIGI EOS ECO CARBON mit umsteckbarem Stahlstift 90°

Digital-depth calipers DIGI EOS ECO CARBON with turnable steel pin 90°

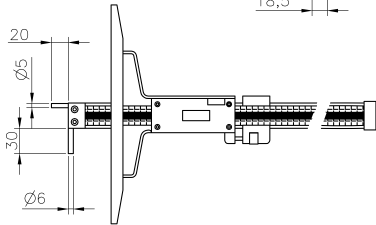


Stangenquerschnitt
Bar cross section
30x10mm

No. 1852 60.



Stahlstift 90° umsteckbar
Steel pin 90° turnable



- ▶ Werksnorm
- ▶ Schutzart IP54, Sylvac System
- ▶ Feststellschraube und Feineinstellung
- ▶ Stange aus Kohlefaser 30x10mm, Führungselemente aus verchromtem Stahl
- ▶ Messflächen aus rostfreiem Stahl, gehärtet
- ▶ Extrem geringes Gewicht, hohe Formstabilität
- ▶ großes LCD Display
- ▶ Lieferung im Holzetui

Funktionen:

- ▶ Ein/Aus, mm/inch Umschaltung, 0-Punkt an jeder Position, Hold Funktion, Datenausgang Opto

- ▶ Works standard
- ▶ Protection class IP54, Sylvac System
- ▶ Locking screw and fine adjustment
- ▶ Carbon fibre bar 30x10mm, guiding elements made of chromed steel
- ▶ Measuring faces made of stainless steel, hardened
- ▶ Extremely low weight, high strength of shape
- ▶ Large LCD display
- ▶ Delivered in wooden case

Functions:

- ▶ On/Off, mm/inch commutation, Zero setting at any position, Hold function, Data output Opto

Andere Größen und Brückenlängen auf Anfrage.

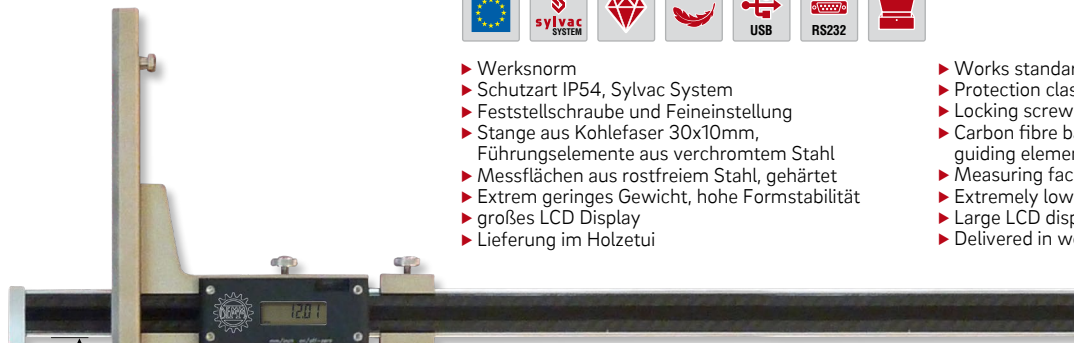
Other sizes and bridge lengths on request.

mm	inch	mm	mm	inch	mm	Nº DEMM	Nº
600	24	260	0,01	.0005	1,34	00560	1852 601
800	32	260	0,01	.0005	1,47	00561	1852 602
1000	40	260	0,01	.0005	1,6	00562	1852 603
1200	48	260	0,01	.0005	1,73	00563	1852 604
Datenkabel RS232 (2m) / Data cable RS232 (2m)							1850 203
Datenkabel USB (2m) / Data cable USB (2m)							1850 204



Digital-Tiefenmessschieber DIGI EOS CARBON mit Winkelhaken

Digital-Depth calipers DIGI EOS CARBON with hook



Stangenquerschnitt
Bar cross section
30x10mm

No. 1852 80.

- ▶ Werksnorm
- ▶ Schutzart IP54, Sylvac System
- ▶ Feststellschraube und Feineinstellung
- ▶ Stange aus Kohlefaser 30x10mm, Führungselemente aus verchromtem Stahl
- ▶ Messflächen aus rostfreiem Stahl, gehärtet
- ▶ Extrem geringes Gewicht, hohe Formstabilität
- ▶ großes LCD Display
- ▶ Lieferung im Holzetui

Funktionen:

- ▶ Ein/Aus, mm/inch Umschaltung, 0-Punkt an jeder Position, Hold Funktion, Datenausgang Opto

- ▶ Works standard
- ▶ Protection class IP54, Sylvac System
- ▶ Locking screw and fine adjustment
- ▶ Carbon fibre bar 30x10mm, guiding elements made of chromed steel
- ▶ Measuring faces made of stainless steel, hardened
- ▶ Extremely low weight, high strength of shape
- ▶ Large LCD display
- ▶ Delivered in wooden box

Functions:

- ▶ On/Off, mm/inch commutation, Zero setting at any position, Hold function, Data output Opto

Andere Größen und Brückenlängen auf Anfrage.

Other sizes and bridge length on request.

mm	inch	mm	mm	inch	kg	Nº DEMM	Nº
1000	40	350	0,01	.0005	2,5	DIGI EOS 1000	1852 801
1500	60	350	0,01	.0005	2,7	01002	1852 802
2000	80	350	0,01	.0005	3,1	01003	1852 803
Messbrücke 400mm (Paar) / Measuring bridge 400mm (pair)					0,57	00400D	1852 851
Messbrücke 500mm (Paar) / Measuring bridge 500mm (pair)					0,69	00401D	1852 852
Messbrücke 600mm (Paar) / Measuring bridge 600mm (pair)					0,83	00402D	1852 853
Datenkabel RS232 (2m) / Data cable RS232 (2m)							1850 203
Datenkabel USB (2m) / Data cable USB (2m)							1850 204



Digital-Tiefenmessschieber DIGI FROD IP67 für kleine Bohrungen

Digital depth calipers DIGI FROD IP67 for small holes



No. 1852 501

- ▶ Werknorm
- ▶ Schutzart IP67, Sylvac System
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ Lieferung im Etui

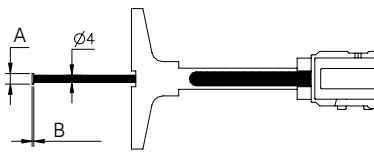
- ▶ Works standard
- ▶ Protection class IP67, Sylvac System
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Delivered in case

Funktionen:

- ▶ Ein/Aus, Auto-On bei Bewegung, mm/inch Umschaltung, 0-Punkt an jeder Position, ABS-Funktion (fester 0-Punkt), absolutes System, ± Preset Funktion, Datenausgang Proximity

Functions:

- ▶ On/Off, Auto-On by sliding, mm/inch commutation, Zero setting at any position, ABS function (fixed 0 point), absolute system, ± Preset function, Data output Proximity



mm	inch	mm	A Ø mm	B mm	mm	inch	kg	Nº DEMM	Nº
120	4,8	80	7,8	0,9	0,01	.0005	0,27	00250	1852 501
120	4,8	80	5,8	0,6	0,01	.0005	0,27	00251	1852 502
Datenkabel Proximity RS232 (3m) / Data cable Proximity RS 232 (3m)									1850 203ip
Datenkabel Proximity USB (3m) / Data cable Proximity USB (3m)									1850 204ip

Digital-Tiefenmessschieber ALINOX Stahlstift gehärtet

Digital-Depth calipers ALINOX steel pin hardened



No. 1852 7.

- ▶ Werknorm (Werkstattqualität)
- ▶ Schutzart IP54, Sylvac System
- ▶ Feststellschraube
- ▶ Stange 36x9mm und Führungselemente aus Aluminium
- ▶ Messbrücke aus rostfreiem Stahl gehärtet
- ▶ Extrem geringes Gewicht
- ▶ großes LCD Display
- ▶ Lieferung ab Messbereich 1000mm im Holzkasten

- ▶ Works standard (workshop quality)
- ▶ Protection class IP54, Sylvac System
- ▶ Locking screw
- ▶ Bar 36x9mm and guiding elements made of aluminium
- ▶ Measuring bridge made of hardened stainless steel
- ▶ Extremely low weight
- ▶ Large LCD display
- ▶ Delivered from measuring range 1000mm in storage box

Funktionen:

- ▶ Ein/Aus, mm/inch Umschaltung, 0-Punkt an jeder Position, Hold Funktion, Datenausgang Opto

Functions:

- ▶ On/Off, mm/inch commutation, Zero setting at any position, Hold function, Data output Opto

! Andere Größen und andere Messbrückenlängen auf Anfrage.

! Other sizes and other measuring bridge lengths on request.

mm	inch	mm	mm	inch	kg	Nº
500	20	200	0,01	.0005	1,1	1852 701
500	20	300	0,01	.0005	1,3	1852 702
500	20	500	0,01	.0005	1,7	1852 703
1000	40	200	0,01	.0005	1,5	1852 704
1000	40	300	0,01	.0005	1,7	1852 705
1000	40	500	0,01	.0005	2,1	1852 706
1500	60	200	0,01	.0005	1,9	1852 707
1500	60	300	0,01	.0005	2,1	1852 708
1500	60	500	0,01	.0005	2,5	1852 709
2000	80	200	0,01	.0005	2,3	1852 710
2000	80	300	0,01	.0005	2,6	1852 711
2000	80	500	0,01	.0005	2,9	1852 712
Aufpreis für Feineinstellung / Extra charge for fine adjustment						1879 199
Datenkabel RS232 (2m) / Data cable RS232 (2m)						1850 203
Datenkabel USB (2m) / Data cable USB (2m)						1850 204



Digital-Tiefenmessschieber DIGI R/L BRIDGE IP67 mit abgeschrägter Spitze

Digital depth caliper DIGI R/L BRIDGE IP67 with bevelled point



No. 1852 098ip

- ▶ Werksnorm
- ▶ Schutzart IP67, Sylvac System
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ extra lange Messbrücke optional
- ▶ Lieferung im Etui

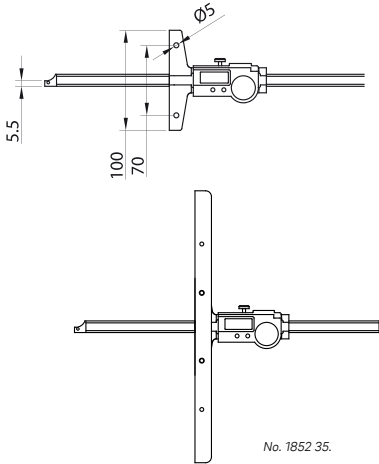
- ▶ Works standard
- ▶ Protection class IP67, Sylvac System
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Extra long bridge optional
- ▶ Delivered in case

Funktionen:

- ▶ Ein/Aus, Auto-On bei Bewegung, mm/inch Um-
- schaltung, 0-Punkt an jeder Position, ABS-Funktion
- (fester 0-Punkt), absolutes System, ± Preset Funktion,
- Datenausgang Proximity

Functions:

- ▶ On/Off, Auto-On by sliding, mm/inch commutation,
- Zero setting at any position, ABS function (fixed
- 0 point), absolute system, ± Preset function,
- Data output Proximity



No. 1852 35.

mm	inch	mm	mm	inch	kg	Nº DEMM	Nº
150	6	100	0,01	.0005	0,26	78101	1852 098ip
200	8	100	0,01	.0005	0,3	78102	1852 099ip
250	10	100	0,01	.0005	0,32	78103	1852 100ip
300	12	100	0,01	.0005	0,33	78104	1852 101ip
400	16	100	0,01	.0005	0,35	78105	1852 102ip
500	20	100	0,01	.0005	0,39	78106	1852 103ip
600	24	100	0,01	.0005	0,43	78107	1852 104ip
Messbrücke 200mm / Measuring bridge 200mm					0,23	78109	1852 351
Messbrücke 320mm / Measuring bridge 320mm					0,35	78108	1852 352
Datenkabel Proximity RS232 (3m) / Data cable Proximity RS 232 (3m)							1850 203ip
Datenkabel Proximity USB (3m) / Data cable Proximity USB (3m)							1850 204ip



Digital-Tiefenmessschieber DIGI LARGE R/L BRIDGE, IP67 mit abgeschrägter Spitze

Digital depth caliper DIGI LARGE R/L BRIDGE, IP67 with bevelled point



No. 1852 11ip

150mm Brückenlänge
150mm bridge length

- ▶ Werksnorm
- ▶ Schutzart IP67, Sylvac System
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ extra lange Messbrücke optional
- ▶ Lieferung im Holzetui

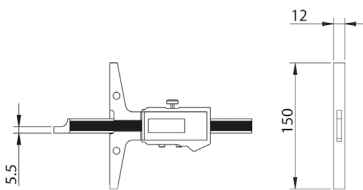
- ▶ Works standard
- ▶ Protection class IP67, Sylvac System
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Extra long bridge optional
- ▶ Delivered in wooden case

Funktionen:

- ▶ Ein/Aus, Auto-On bei Bewegung, mm/inch Um-
- schaltung, 0-Punkt an jeder Position, ABS-Funktion
- (fester 0-Punkt), absolutes System, ± Preset Funktion,
- Datenausgang Proximity

Functions:

- ▶ On/Off, Auto-On by sliding, mm/inch commutation,
- Zero setting at any position, ABS function (fixed
- 0 point), absolute system, ± Preset function,
- Data output Proximity



mm	inch	mm	mm	inch	kg	Nº DEMM	Nº
300	12	150	0,01	.0005	0,43	00580	1852 110ip
400	16	150	0,01	.0005	0,46	00581	1852 111ip
500	20	150	0,01	.0005	0,5	00582	1852 112ip
600	24	150	0,01	.0005	0,53	00583	1852 113ip
Messbrücke 200mm / Measuring bridge 200mm					0,23	78109	1852 351
Messbrücke 320mm / Measuring bridge 320mm					0,35	78108	1852 352
Datenkabel Proximity RS232 (3m) / Data cable Proximity RS 232 (3m)							1850 203ip
Datenkabel Proximity USB (3m) / Data cable Proximity USB (3m)							1850 204ip



Digital Tiefenmessschieber DIGI DOUBLE IP67 mit umsteckbarem Stahlstift 90°

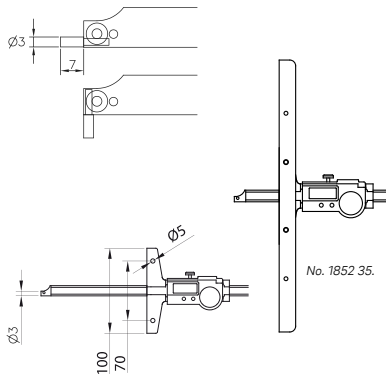
Digital depth calipers DIGI DOUBLE IP67 with turnable steel pin 90°



No. 1853 40.

Mit großer 3V Batterie.
With large 3V battery.

Stahlstift 90° umsteckbar
Steel pin 90° turnable



- ▶ Werksnorm
- ▶ Schutzart IP67, Sylvac System
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ Tiefenmessbrücke mit Bohrung Ø 5mm und Bohrungsabstand 70mm für optionale Messbrücke
- ▶ Lieferung im Etui

Funktionen:

- ▶ Ein/Aus, Auto-On bei Bewegung, mm/inch Umschaltung, 0-Punkt an jeder Position, ABS-Funktion (fester 0-Punkt), absolutes System, ± Preset Funktion, Datenausgang Proximity

- ▶ Works standard
- ▶ Protection class IP67, Sylvac System
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Measuring bridge with bore Ø 5mm and bore distance 70mm for optional measuring bridge
- ▶ Delivered in wooden case

Functions:

- ▶ On/Off, Auto-On by sliding, mm/inch commutation, Zero setting at any position, ABS function (fixed 0 point), absolute system, ± Preset function, Data output Proximity

mm	inch	mm	mm	inch	kg	Nº DEMM	Nº
150	6	100	0,01	.0005	0,26	00610	1853 401
200	8	100	0,01	.0005	0,3	00611	1853 402
250	10	100	0,01	.0005	0,32	00612	1853 403
300	12	100	0,01	.0005	0,33	00613	1853 404
400	16	100	0,01	.0005	0,35	00614	1853 405
500	20	100	0,01	.0005	0,39	00615	1853 406
600	24	100	0,01	.0005	0,43	00616	1853 407
Messbrücke 200mm / Measuring bridge 200mm					0,23	78109	1852 351
Messbrücke 320mm / Measuring bridge 320mm					0,35	78108	1852 352
Datenkabel Proximity RS232 (3m) / Data cable Proximity RS 232 (3m)							1850 203ip
Datenkabel Proximity USB (3m) / Data cable Proximity USB (3m)							1850 204ip

Digital-Tiefenmessschieber DIGI ECO R/L BRIDGE IP67 mit auswechselbarem Messeinsatz

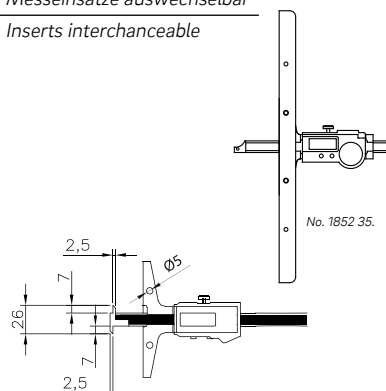
Digital depth calipers DIGI ECO R/L BRIDGE IP67 with interchangeable insert



No. 1853 206

Messeinsätze auswechselbar
Inserts interchangeable

Stangenquerschnitt
Bar cross section
12x4mm



- ▶ Werksnorm
- ▶ Schutzart IP67, Sylvac System
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ Lieferung im Holzetui mit Messeinsatz

Funktionen:

- ▶ Ein/Aus, Auto-On bei Bewegung, mm/inch Umschaltung, 0-Punkt an jeder Position, ABS-Funktion (fester 0-Punkt), absolutes System, ± Preset Funktion, Datenausgang Proximity

- ▶ Works standard
- ▶ Protection class IP67, Sylvac System
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Delivered in wooden case including insert

Functions:

- ▶ On/Off, Auto-On by sliding, mm/inch commutation, Zero setting at any position, ABS function (fixed 0 point), absolute system, ± Preset function, Data output Proximity

mm	inch	mm	mm	inch	kg	Nº DEMM	Nº
150	6	100	0,01	.0005	0,26	00570	1853 201
200	8	100	0,01	.0005	0,3	00571	1853 202
300	12	150	0,01	.0005	0,43	00127	1853 203
400	16	150	0,01	.0005	0,46	00128	1853 204
500	20	150	0,01	.0005	0,5	00129	1853 205
600	24	150	0,01	.0005	0,53	00130	1853 206
Messbrücke 200mm / Measuring bridge 200mm					0,23	78109	1852 351
Messbrücke 320mm / Measuring bridge 320mm					0,35	78108	1852 352
Datenkabel Proximity RS232 (3m) / Data cable Proximity RS 232 (3m)							1850 203ip
Datenkabel Proximity USB (3m) / Data cable Proximity USB (3m)							1850 204ip



**Digital-Tiefenmessschieber
DIGI RICOR IP67
mit auswechselbarem Messeinsatz**

**Digital depth calipers
DIGI RICOR IP67
with interchangeable insert**



Stangenquerschnitt
Bar cross section
12x4mm



No. 1853 301

Messeinsätze auswechselbar
Inserts interchangeable

- ▶ Werkstoffnorm
- ▶ Schutzart IP67, Sylvac System
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ verschiebbare Messbrücke optional
- ▶ Lieferung im Holzetui mit Messeinsatz Nr. 1853 901

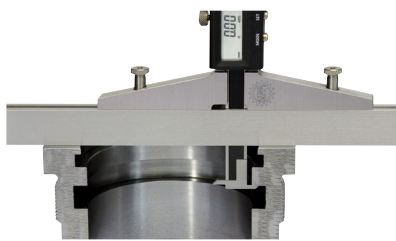
- ▶ Works standard
- ▶ Protection class IP67, Sylvac System
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Moveable bridge optional
- ▶ Delivered in wooden case including insert No. 1853 901

Funktionen:

- ▶ Ein/Aus, Auto-On bei Bewegung, mm/inch Umschaltung, 0-Punkt an jeder Position, ABS-Funktion (fester 0-Punkt), absolutes System, ± Preset Funktion, Datenausgang Proximity

Functions:

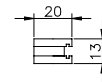
- ▶ On/Off, Auto-On by sliding, mm/inch commutation, Zero setting at any position, ABS function (fixed 0 point), absolute system, ± Preset function, Data output Proximity



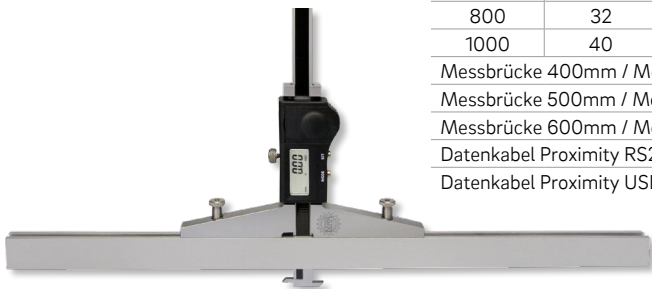
Anwendung mit verschiebbarer Messbrücke
Application with moveable measuring bridge



No. 1853 351 Messbrücke / Measuring bridge



mm	inch	mm	mm	inch	kg	Nº DEMM	Nº	
300	12	150	0,01	.0005	0,43	00123	1853 301	
400	16	150	0,01	.0005	0,47	00124	1853 302	
500	20	150	0,01	.0005	0,5	00125	1853 303	
600	24	150	0,01	.0005	0,53	00126	1853 304	
800	32	150	0,01	.0005	0,58	00167	1853 305	
1000	40	150	0,01	.0005	0,63	DR1000	1853 306	
Messbrücke 400mm / Measuring bridge 400mm						0,57	00400	1853 351
Messbrücke 500mm / Measuring bridge 500mm						0,69	00401	1853 352
Messbrücke 600mm / Measuring bridge 600mm						0,83	00402	1853 353
Datenkabel Proximity RS232 (3m) / Data cable Proximity RS 232 (3m)								1850 203ip
Datenkabel Proximity USB (3m) / Data cable Proximity USB (3m)								1850 204ip



**Messeinsätze für DEMM
Digital-Tiefenmessschieber**

**Inserts for DEMM
digital depth calipers**

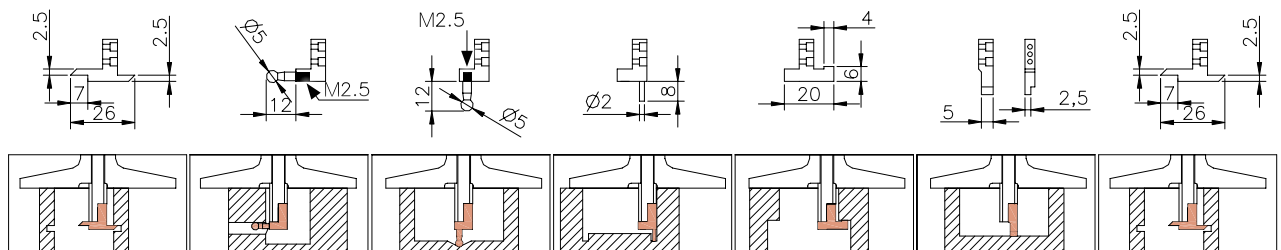


- ▶ aus gehärtetem Spezialstahl
- ▶ Lieferung einzeln verpackt

- ▶ Hardened special steel
- ▶ Delivered in individual packages

! Andere Messtaster auf Anfrage.

! Other measurings inserts on request.

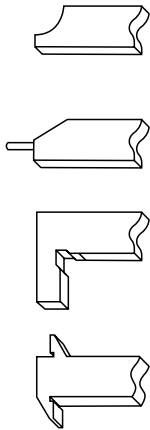
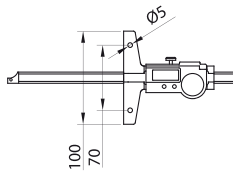


Nº DEMM	PRA	PRB	PRC	PRD	PRE	PRF	PRA-W
Nº	1853 901	1853 902	1853 903	1853 904	1853 905	1853 906	1853 907





No. 6852 101



Digital-Tiefenmessschieber ULTRA active



- ▶ DIN 862
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ Batterie CR 2032 3V
- ▶ Tiefenmessbrücke mit Bohrung Ø 5mm und Bohrungsabstand 70mm für optionale Messbrücke
- ▶ Lieferung im Etui

Funktionen:

- ▶ Auto Ein/Aus
- ▶ mm/inch Umschaltung
- ▶ 0-Punkt an jeder Position

Digital depth calipers ULTRA active

Stangenquerschnitt
Bar cross section
16x4mm

- ▶ DIN 862
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Battery CR 2032 3V
- ▶ Measuring bridge with bore Ø 5mm and bore distance 70mm for optional measuring bridge
- ▶ Delivered in a case

Functions:

- ▶ Auto On/Off
- ▶ mm/inch commutation
- ▶ Zero setting at any position

mm	inch	mm	mm	inch	kg	Nº
Abgeschrägte Spitze / Bevelled point						
150	6	100	0,01	.0005	0,4	6852 101
200	8	100	0,01	.0005	0,44	6852 102
300	12	100	0,01	.0005	0,7	6852 103
Stahlstift gehärtet / Steel pin hardened						
150	6	100	0,01	.0005	0,42	6852 111
200	8	100	0,01	.0005	0,44	6852 112
300	12	100	0,01	.0005	0,7	6852 112
Winkelhaken / Hook						
150	6	100	0,01	.0005	0,42	6852 121
200	8	100	0,01	.0005	0,46	6852 122
300	12	100	0,01	.0005	0,58	6852 123
Versetzte Messflächen / Offset measuring faces						
150	6	100	0,01	.0005	0,42	6852 131
200	8	100	0,01	.0005	0,46	6852 132
300	12	100	0,01	.0005	0,56	6852 133
Messbrücke 300mm / Measuring bridge 300mm						6852 191
Messbrücke 500mm / Measuring bridge 500mm						6852 192

Digital-Tiefenmessschieber ULTRA active mit extra langem Stahlstift



Extra langer Stahlstift
Länge 22mm / Ø 1,5mm
Extra long steel pin
length 22mm / Ø 1,5mm



No. 6852 141

- ▶ Werksnorm
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ großes LCD Display
- ▶ Batterie CR 2032 3V
- ▶ Lieferung im Etui

Funktionen:

- ▶ Auto Aus
- ▶ mm/inch Umschaltung
- ▶ 0-Punkt an jeder Position

Digital depth calipers ULTRA active with extra long steel pin

- ▶ Works standard
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Large LCD display
- ▶ Battery CR 2032 3V
- ▶ Delivered in a case

Functions:

- ▶ Auto Off
- ▶ mm/inch commutation
- ▶ Zero setting at any position

mm	inch	mm	inch	mm	kg	Nº
0 - 25	0 - 1	0,01	.0005	± 0,03	0,2	6852 141

**Tiefenmessschieber ALINOX
Stahlstift gehärtet**



No. 1943 1..

- ▶ Werksnorm (Werkstattqualität)
- ▶ Feststellschraube
- ▶ Stange 36x9mm und Führungselemente aus Aluminium
- ▶ Messbrücke aus rostfreiem Stahl gehärtet
- ▶ Extrem geringes Gewicht
- ▶ Lieferung ab Messbereich 1000mm im Holzkasten

**Vernier depth calipers ALINOX
steel pin hardened**

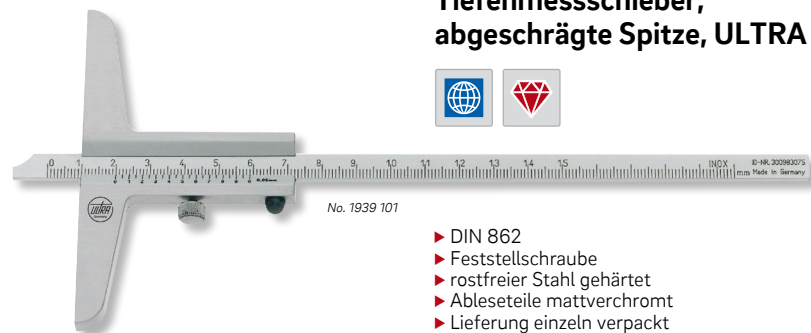
- ▶ Works standard (workshop quality)
- ▶ Locking screw
- ▶ Bar 36x9mm and guiding elements made of aluminium
- ▶ Measuring bridge made of hardened stainless steel
- ▶ Extremely low weight
- ▶ Delivered from measuring range 1000mm in storage box

! Nonius 1/50mm sowie andere Größen und andere Messbrückenlängen auf Anfrage.

! Vernier 1/50mm, other sizes and other measuring bridge lengths on request.

mm	mm	mm	kg	Nº	mm	mm	mm	kg	Nº
500	200	1/20	1,1	1943 101	2500	200	1/20	2,7	1943 113
500	300	1/20	1,3	1943 102	2500	300	1/20	2,9	1943 114
500	500	1/20	1,7	1943 103	2500	500	1/20	3,3	1943 115
1000	200	1/20	1,5	1943 104	3000	200	1/20	3,1	1943 116
1000	300	1/20	1,7	1943 105	3000	300	1/20	3,3	1943 117
1000	500	1/20	2,1	1943 106	3000	500	1/20	3,7	1943 118
1500	200	1/20	1,9	1943 107	4000	200	1/20	3,9	1943 119
1500	300	1/20	2,1	1943 108	4000	300	1/20	4,1	1943 120
1500	500	1/20	2,5	1943 109	4000	500	1/20	4,5	1943 121
2000	200	1/20	2,3	1943 110	Aufpreis für Feineinstellung Extra charge for fine adjustment				1879 199
2000	300	1/20	2,6	1943 111					
2000	500	1/20	2,9	1943 112					

**Tiefenmessschieber,
abgeschrägte Spitze, ULTRA active**



No. 1939 101

- ▶ DIN 862
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ Ableseanteile mattverchromt
- ▶ Lieferung einzeln verpackt

**Vernier depth calipers,
bevelled point, ULTRA active**

- ▶ DIN 862
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Satin chrome reading parts
- ▶ Delivered in individual packages

1942 1..:

Holzetui

1942 1..:

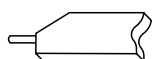
Wooden box

! Andere Ausführungen auf Anfrage.

! Other versions on request.



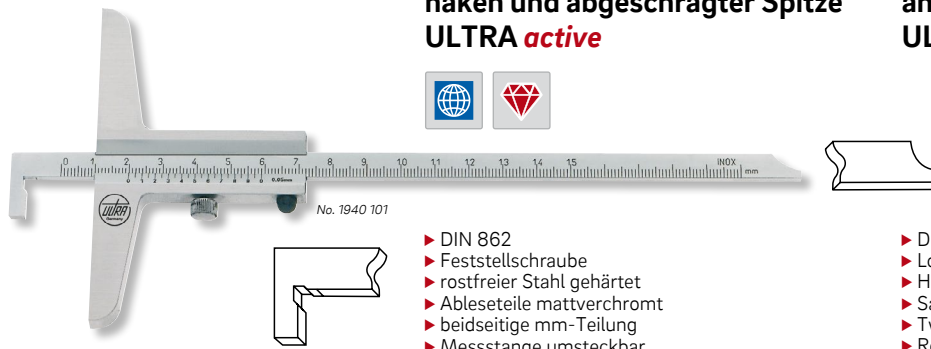
No. 1941 100



mm	mm	mm	kg	Nº	Nº
Abgeschrägte Spitze / Bevelled point					
150	100	1/20	0,1	1939 101	1942 101
200	100	1/20	0,13	1939 102	1942 102
300	150	1/20	0,29	1939 104	1942 104
500	150	1/20	0,33	1939 106	1942 106
800	250	1/20	1,2	1939 108	1942 108
1000	250	1/20	1,35	1939 109	1942 109
Stahlstift gehärtet / Steel pin hardened					
80	50	1/20	0,11	1941 100	1942 100
150	100	1/20	0,1	1941 101	1942 101
200	100	1/20	0,13	1941 102	1942 102
300	150	1/20	0,3	1941 104	1942 104

Tiefenmessschieber mit Winkelhaken und abgeschrägter Spitze ULTRA active

Vernier depth calipers with hook and bevelled point ULTRA active



- ▶ DIN 862
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ Ableseteile mattverchromt
- ▶ beidseitige mm-Teilung
- ▶ Messstange umsteckbar
- ▶ Lieferung einzeln verpackt

- ▶ DIN 862
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Satin chrome reading parts
- ▶ Two-side mm-graduation
- ▶ Removable measuring rod
- ▶ Delivered in individual packages

1942 1..:

Holzetui

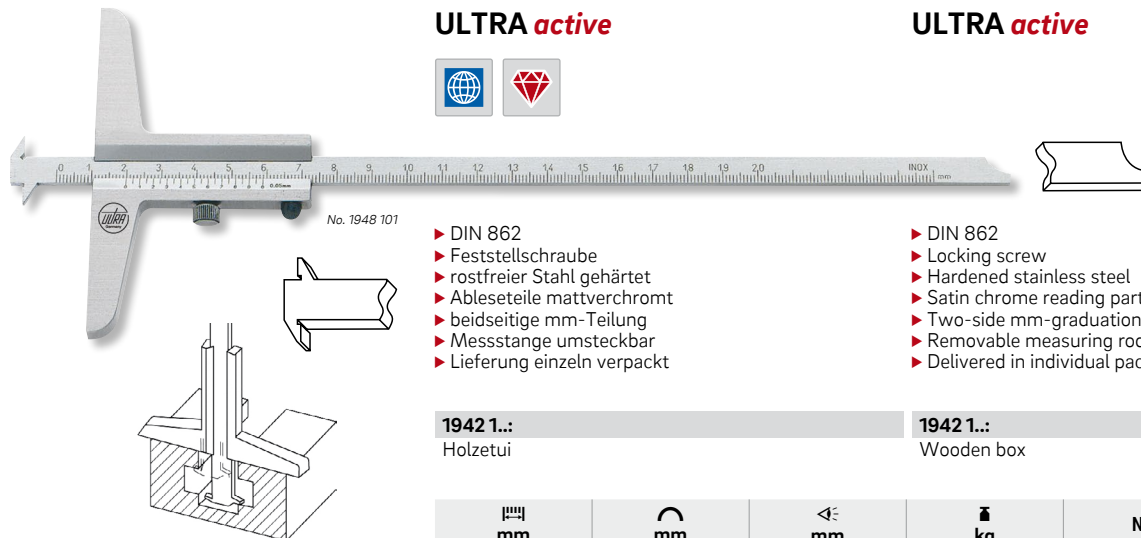
1942 1..:

Wooden box

mm	mm	mm	kg	Nº	Nº
150	100	1/20	0,1	1940 101	1942 101
200	100	1/20	0,13	1940 102	1942 102
300	150	1/20	0,3	1940 104	1942 104
500	150	1/20	0,35	1940 106	1942 106

Tiefenmessschieber mit 2 versetzten Messflächen ULTRA active

Vernier depth calipers with 2 offset measuring faces ULTRA active



- ▶ DIN 862
- ▶ Feststellschraube
- ▶ rostfreier Stahl gehärtet
- ▶ Ableseteile mattverchromt
- ▶ beidseitige mm-Teilung
- ▶ Messstange umsteckbar
- ▶ Lieferung einzeln verpackt

- ▶ DIN 862
- ▶ Locking screw
- ▶ Hardened stainless steel
- ▶ Satin chrome reading parts
- ▶ Two-side mm-graduation
- ▶ Removable measuring rod
- ▶ Delivered in individual packages

1942 1..:

Holzetui

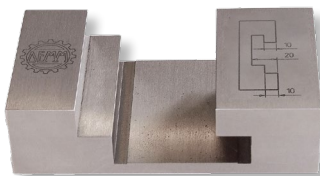
1942 1..:

Wooden box

mm	mm	mm	kg	Nº	Nº
200	100	1/20	0,13	1948 101	1942 102
300	100	1/20	0,18	1948 102	1942 104

Einstellmeister MASTER für Tiefenmessschieber

Setting master MASTER for depth calipers

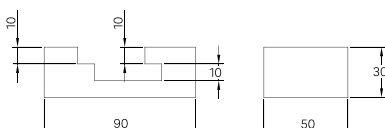


- ▶ Lehenstahl gehärtet
- ▶ Lieferung einzeln verpackt

- ▶ Hardened tool steel
- ▶ Delivered in individual packages

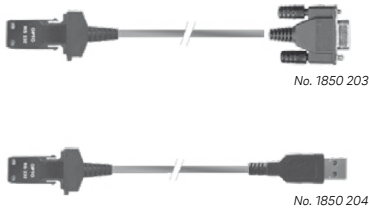
1 Besonders geeignet für Tiefenmessschieber mit Winkelhaken oder versetzten Messflächen.

1 Especially suitable for depth calipers with hook or offset measuring faces.



kg	Nº DEMM	Nº
0,72	00600	1853 921

Datenübertragungskabel für Opto-Schnittstelle



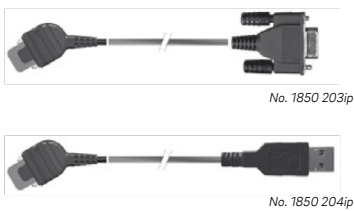
- ▶ Länge 2m
- ▶ Lieferung einzeln verpackt, inkl. Software für Datenimport in MS Excel etc.

Data cable for Opto-Data output

- ▶ Length 2m
- ▶ Delivered in individual packages incl. software for data import in MS Excel etc.

Typ Type	Nº
Datenkabel Opto/RS232 SIMPLEX (2m) / Data cable Opto/RS232 SIMPLEX (2m)	1850 203
Datenkabel Opto/USB SIMPLEX (2m) / Data cable Opto/USB SIMPLEX (2m)	1850 204
Datenkabel Opto/RS 232 DUPLEX (2m) / Data cable Opto/RS 232 DUPLEX (2m)	1850 205

Datenübertragungskabel für Proximity-Schnittstelle



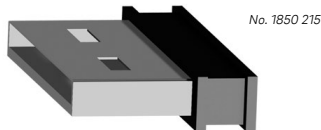
- ▶ Länge 3m
- ▶ Lieferung einzeln verpackt, inkl. Software für Datenimport in MS Excel etc.

Data cable for Proximity-Data output

- ▶ Length 3m
- ▶ Delivered in individual packages incl. software for data import in MS Excel etc.

Typ Type	Nº
Datenkabel Proximity RS232 (3m) / Data cable Proximity RS 232 (3m)	1850 203ip
Datenkabel Proximity USB (3m) / Data cable Proximity USB (3m)	1850 204ip

Bluetooth-Dongle (USB)



- ▶ Empfänger zur kabellosen Datenübertragung über Bluetooth
- ▶ Lieferung einzeln verpackt, inkl. Treiber und Gage-Wedge Software

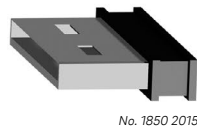
Bluetooth-Dongle (USB)

- ▶ Receiver for wireless data transmission through Bluetooth
- ▶ Delivered in individual packages, incl. driver and Gage-Wedge Software

Typ Type	Nº
Bluetooth-Dongle (USB) / Bluetooth-Dongle (USB)	1850 215



 Bluetooth®



Tastaturinterface für RS 232-Schnittstelle mit Tastatur-Interface



- ▶ Datenkabel und Tastaturinterface in einem Gerät
 - ▶ Stromversorgung durch USB-Schnittstelle
 - ▶ USB-Interface wird als Tastatur erkannt
 - ▶ Tastenfunktionen wie Enter, Tab, etc. sind programmierbar und werden automatisch mit gesendet
 - ▶ Sprache, Trennzeichen und Timer einstellbar
 - ▶ Datenimport in MS Excel etc. mit Data-Taste am Messmittel oder per Timer
- Lieferung einzeln verpackt, ohne Datenkabel

Keyboardinterface for RS 232 interface with keyboard interface

- ▶ Data cable and keyboard interface in one device
 - ▶ Electronic power supply through USB interface
 - ▶ USB-Interface will be identified as a keyboard
 - ▶ Keyfunctions such as Enter, Tab, etc. are programmable and be sent automatically
 - ▶ Languages, tag and timer are programmable
 - ▶ Data import in MS Excel etc. through Data-Key on the measuring instrument or by timer
- Delivered in individual packages, without data cable

I zur Verwendung wird ein Datenkabel Opto RS 232 DUPLEX oder Proximity RS 232 benötigt.

I Data cable Opto RS 232 DUPLEX or Proximity RS 232 is necessary.

Typ Type	Nº
Tastaturinterface / Keyboardinterface	1850 281
Datenkabel Opto/RS 232 DUPLEX (2m) / Data cable Opto/RS 232 DUPLEX (2m)	1850 205
Datenkabel Proximity RS232 (3m) / Data cable Proximity RS 232 (3m)	1850 203ip

💡 Wussten Sie schon? Did you know?

Unsere neue Produktlinie **ULTRA active** steht für Messgeräte mit hervorragendem Preis-Leistungsverhältnis, gute Qualität, schnelle Verfügbarkeit und einfache, intuitive Handhabung.

Testen Sie **ULTRA active** mit Ihrer nächsten Bestellung.

Our new product line **ULTRA active** stands for measuring tools with excellent price-performance ratio, good quality, short availability and simple, intuitive handling.

Do test **ULTRA active** with your next order.



Großanzeigen LED für Opto-Schnittstelle



- ▶ zum sicheren und genauen Ablesen von Messwerten auch bei größerer Entfernung
- ▶ Unterstützung für Sehbehinderte
- ▶ Tochteranzeige für Messgeräte
- ▶ großes blendfreies LED-Display
- ▶ Anzeige für Umrechnungswerte, multiplizierende Funktion ermöglicht ein automatisches Anpassen der Messwerte (*0,5 / *1,0 / *2,0 / *3,1416)
- ▶ Dateneingang Opto RS 232 mit Datenkabel Nr. 1850 203
- ▶ Datenausgang Opto RS 232 mit Datenkabel (siehe Tabelle unten)
- ▶ Lieferung einzeln verpackt, inkl. Netzteil, ohne Toleranzampel

Large LED-Display for Opto-Interface

- ▶ For safe and accurate reading of measuring values even at a larger distance
- ▶ Support for visually handicapped persons
- ▶ Subsidiary display for measuring instruments
- ▶ Large antiglare LED-Display
- ▶ Indication for conversion values, multiplication function enables automatic adjustment of the measuring values (*0,5 / *1,0 / *2,0 / *3,1416)
- ▶ Data input Opto RS 232 with data cable No. 1850 203
- ▶ Data output Opto RS 232 with data cable (see table below)
- ▶ Delivered in individual packages, incl. main adapter, without tolerance signal lights

Ziffernhöhe / Digit height mm	Ziffern Digits	kg	Nº
57	6	1,7	1850 250
25	7	1,2	1850 251
Datenkabel RS232 (Anzeige/PC) / Data cable RS232 (2m) (Display/PC)			1850 260
Datenkabel USB (Anzeige/PC) / Data cable USB (2m) (Display/PC)			1850 261



Toleranzampel (rot, grün, gelb) und Funkübertragung auf Anfrage

Tolerance signal lights (red, green, yellow) and radio transmission on request

PC-Funkstation (Empfänger) zur kabellosen Datenübertragung



- ▶ Empfänger für Sendermodule Nr. 1850 240 / 1850 241
- ▶ Keine Treiberdatei für die USB-Schnittstelle erforderlich
- ▶ Stromversorgung durch USB-Schnittstelle
- ▶ Datenimport in MS Excel etc. mit Data-Taste am Sendermodul
- ▶ Funkreichweite bis zu 200m
- ▶ Kommunikation mit bis zu 120 Funkmodulen
- ▶ Lieferung einzeln verpackt, inkl. Wandhalterung, USB-Datenkabel und Software

Funktionen der Software:

- ▶ Programmierung der Sendermodule
- ▶ Anzeigen von empfangenen Messwerten
- ▶ Datenübergabe an Windows Programme

PC-Radio station (receiver) for wireless data transmission

- ▶ Receiver for radio transmitter no. 1850 240 / 1850 241
- ▶ No driver file for the USB-Interface required
- ▶ Electronic power supply through USB-Interface
- ▶ Data import in MS Excel etc. through Data-Key on the radio transmitter
- ▶ Range of radio transmission up to 200m
- ▶ Communication with max. 120 radio transmitter
- ▶ Delivered in individual packages incl. wall bracket, USB data cable and software

Functions of the software:

- ▶ Programming of the radio transmitter
- ▶ Display of received measuring values
- ▶ Data transfer to all Windows programs

Typ Type	Nº
USB-Empfänger / USB-Receiver	1850 245

Sendermodule, kabellos für Funk-Datenübertragung



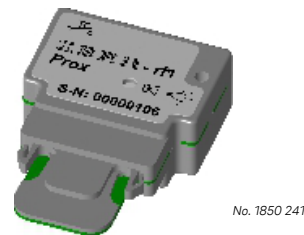
- ▶ Datenimport in MS Excel etc. mit Data-Taste am Sendermodul
- ▶ Sendermodul wird anstatt Datenkabel in den Datenausgang eingesteckt
- ▶ LED Toleranzampel (3 farbig)
- ▶ erfolgreiche Messwertübertragung: LED grün + Signalton
- ▶ fehlerhafte Messwertübertragung: LED rot + 2x Signalton
- ▶ Lieferung einzeln verpackt

I Als Empfänger wird eine PC-Funkstation Nr. 1850 245 benötigt

Radio transmitter, wireless for radio transmission

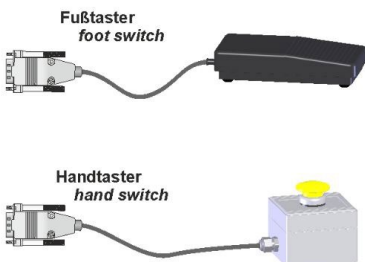
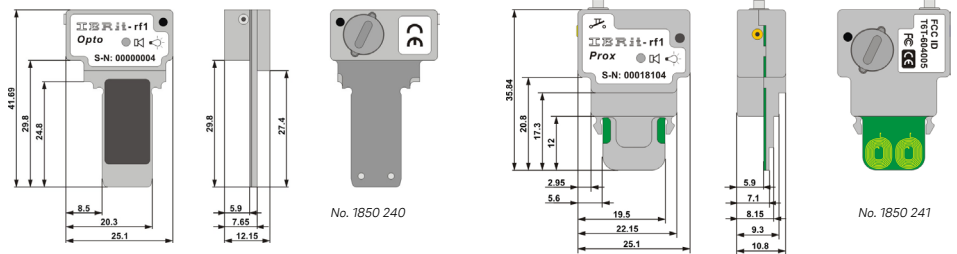
- ▶ Data import in MS Excel etc. through Data-Key on the radio transmitter
- ▶ Radio transmitter have to be mounted in the data output (instead of the data cable)
- ▶ LED tolerance signal lights (3 colours)
- ▶ successful data transmission: LED green + beep signal
- ▶ failed data transmission: LED red + 2x beep signal
- ▶ Delivered in individual packages

I You need a PC-Radio station No. 1850 245 as a receiver.



Typ Type	Nº
Sendermodul für Opto Sylvac System Radio transmitter for Opto Sylvac System	1850 240
Sendermodul für Proximity Sylvac System Radio transmitter for Proximity Sylvac System	1850 241

Andere Sendermodule (z.B. für Kröplin Schnelltaster) auf Anfrage
Other radio transmitter (example for Kröplin dial calipers) on request



Hand- und Fußtaster



- ▶ einfache Auslösung zur Datenübertragung am Hand- oder Fußtaster

I Auf Anfrage

Hand- and footswitch

- ▶ Simple data transmission through hand- and footswitch

I On request

Sonder-Messschieber



Wir liefern jede Art von Sonder-Messschiebern für Ihren speziellen Anwendungsfall – auf Wunsch auch Konzeption und Konstruktion, gegen Berechnung.

Zur Angebotserstellung bitten wir um Ihre Anfragen mit Zeichnungsunterlagen.

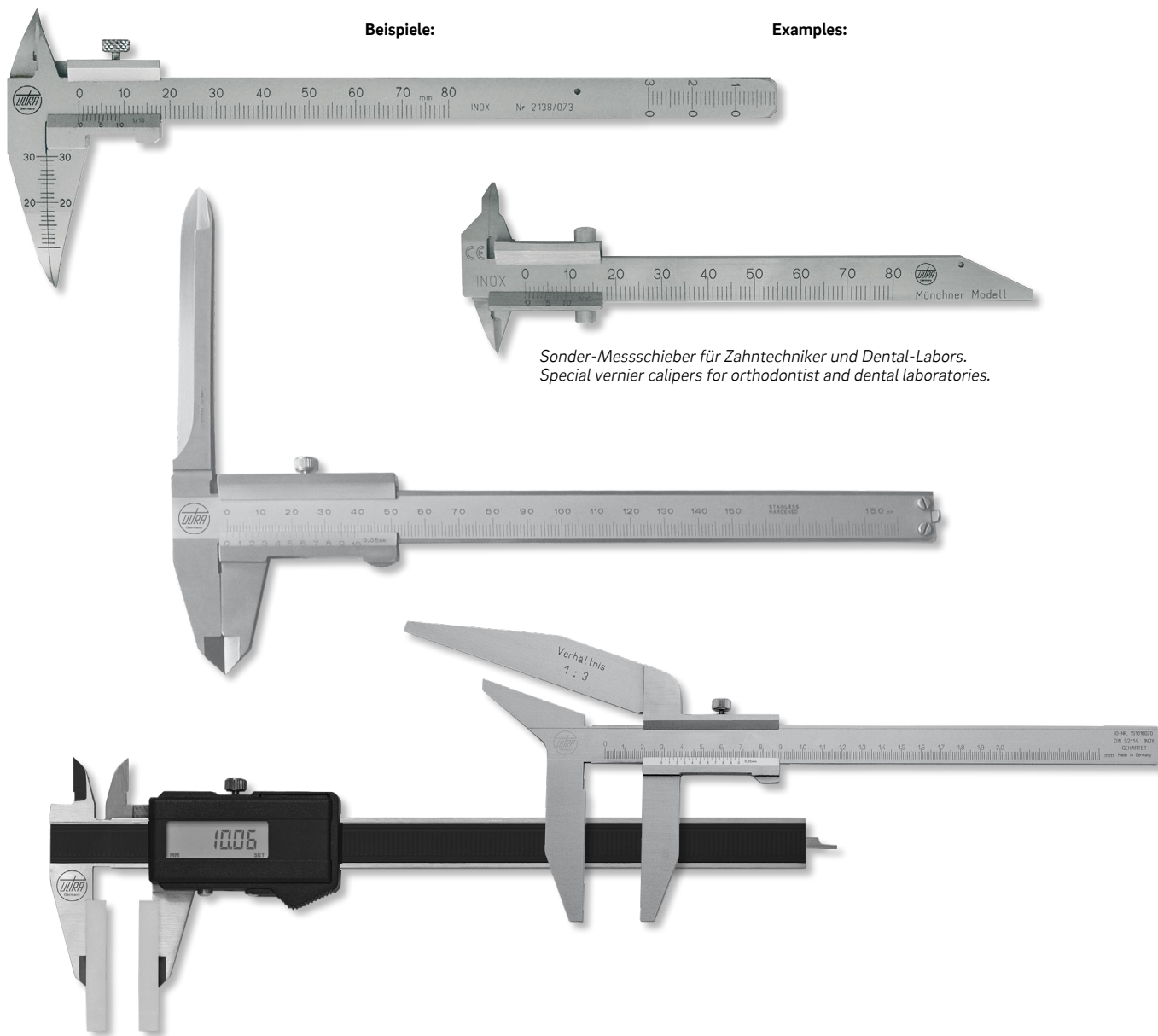
Custom made vernier calipers

We supply all types of custom made vernier calipers for your special applications – on request also undertake conception and design at a cost.

For the preparation of a quotation, please send us your inquiries with drawings.

Beispiele:

Examples:



Sonder-Messschieber für Zahntechniker und Dental-Labors.
Special vernier calipers for orthodontist and dental laboratories.

Batterien für Digital-Messgeräte



► Lieferung einzeln verpackt

Batteries for digital measuring instruments

► Delivered in individual packages



No. 1850 301



No. 1850 302

Spannung Voltage	Ø mm	Nº
3,0 V	Ø 19,8 x 3,0	1850 301
1,5 V	Ø 11,5 x 5,2	1850 302