

MEASURING INSTRUMENTS
STRUMENTI DI MISURA


MADE IN ITALY



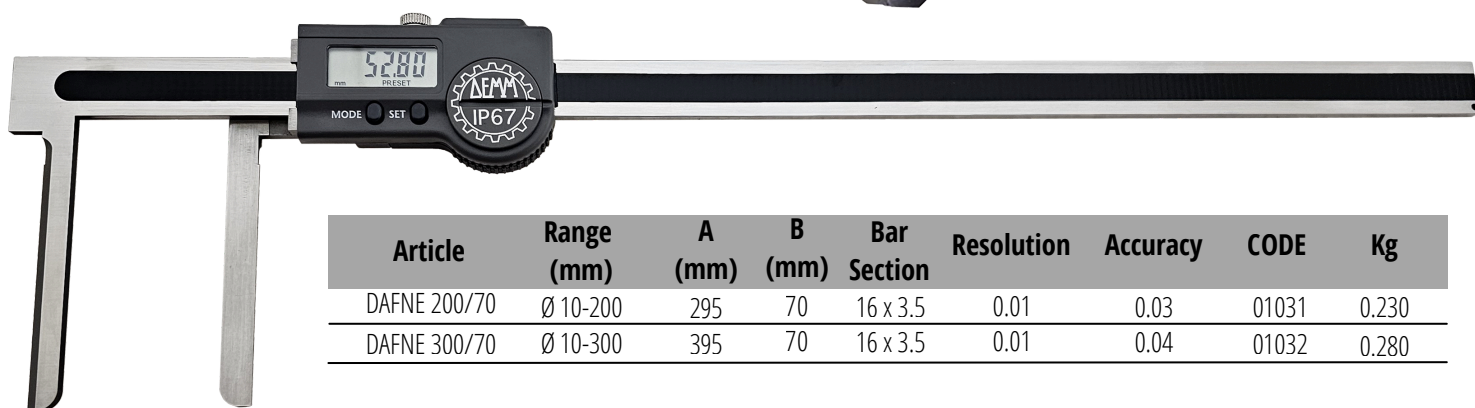
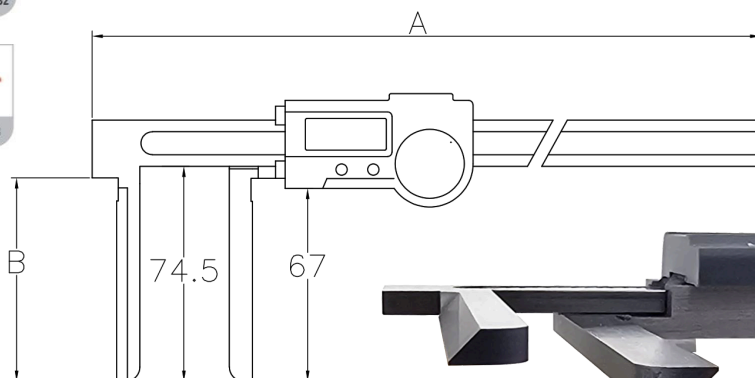
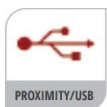
NEWS

SPECIAL GAUGES CALIBRI SPECIALI



- Caliper with crossed blade tips
- In hardened stainless steel
- Electronic IP67

- Calibro con becche a lama incrociate
- In acciaio inox tempre
- Elettronica IP67



Article	Range (mm)	A (mm)	B (mm)	Bar Section	Resolution	Accuracy	CODE	Kg
DAFNE 200/70	Ø 10-200	295	70	16 x 3.5	0.01	0.03	01031	0.230
DAFNE 300/70	Ø 10-300	395	70	16 x 3.5	0.01	0.04	01032	0.280

ADE

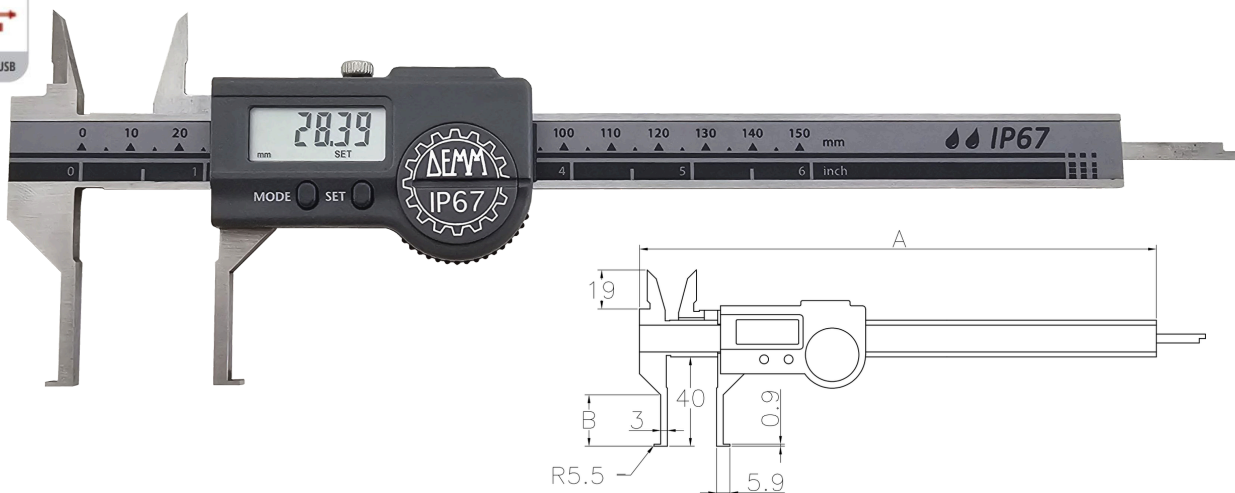
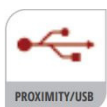
Caliper for internal measurements
Calibro per misurazioni interne

SPECIAL GAUGES CALIBRI SPECIALI



- Caliper for grooves and internal diameters
- In hardened stainless steel
- Electronic IP67

- Calibro per misurazione gole e diametri interni
- In acciaio inox tempre
- Elettronica IP67



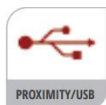
Article	Range (mm)	A (mm)	B (mm)	Bar Section	Resolution	Accuracy	CODE	Kg
ADE 150	Ø 12 - 150	234	23	16 x 4	0.01	0.03	01029	0.210

SPECIAL GAUGES CALIBRI SPECIALI



- Caliper with crossed blades and pointed tips for micro measurements
- In hardened stainless steel
- Electronic IP67

- Calibro con becche a lama incrociata e a punta per micro misure
- In acciaio inox temprato
- Elettronica IP67



Article	Range (mm)	A (mm)	B (mm)	Bar Section	Resolution	Accuracy	CODE	Kg
ESTIA 150/45	0.5-150	250	45	16 x 3.5	0.01	0.03	01036	0.200

PERSEO

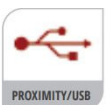
Caliper with blade tips for internal measurements
Calibro con becche a lama per misurazioni interne

SPECIAL GAUGES CALIBRI SPECIALI



- Caliper with crossed blades
- For grooves, holes and micro measurements
- In hardened stainless steel
- Electronic IP67

- Calibro con becche a lama incrociata
- Per gole-fori e micro misure
- In acciaio inox temprato
- Elettronica IP67



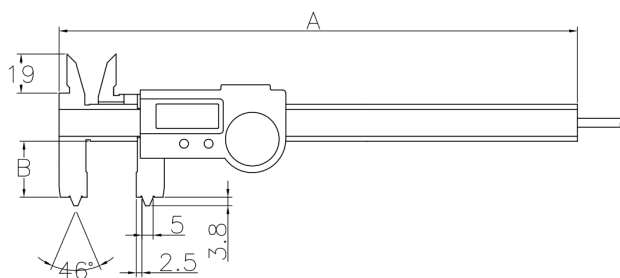
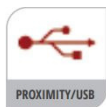
Article	Range (mm)	B (mm)	Bar Section	Resolution	Accuracy	CODE	Kg
PERSEO 150	150	4.2	12.5 X 3.2	0.01	0.03	01037	0.150

SPECIAL GAUGES CALIBRI SPECIALI



- Caliper for measuring Ring-Joints at 23°
- In hardened stainless steel
- Electronic IP67

- Calibro per misurazioni sedi Ring-Joint a 23°
- In acciaio inox tempre
- Elettronica IP67



Article	Range (mm)	A (mm)	B (mm)	Bar Section	Resolution	Accuracy	CODE	Kg
RING 150/23	150	234	25	16 x 4	0.01	0.03	01028	0.220

CAOS

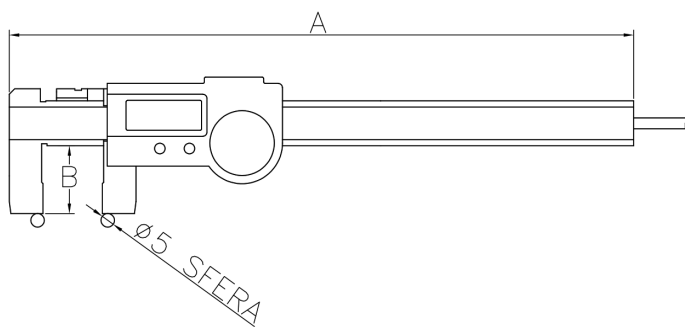
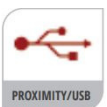
Caliper for conical measurements
Calibro per misurazioni coniche

SPECIAL GAUGES CALIBRI SPECIALI



- Caliper for conical measurements
- In hardened stainless steel
- Electronic IP67

- Calibro per misurazioni coniche
- In acciaio inox tempre
- Elettronica IP67



Article	Range (mm)	A (mm)	B (mm)	Bar Section	Resolution	Accuracy	CODE	Kg
CAOS 150	10 - 150	234	25	16 x 4	0.01	0.03	01030	0.220

DIGI GRAF

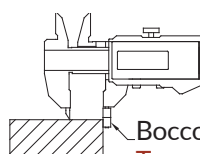
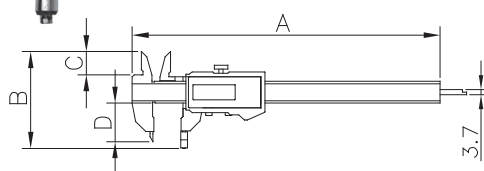
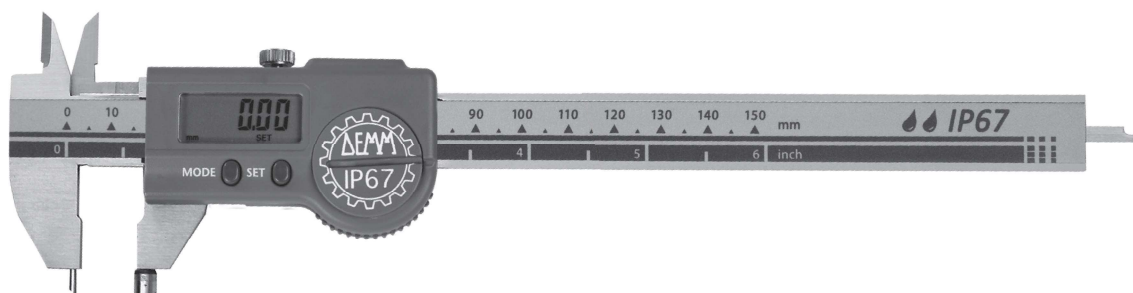
Digital caliper useful to scribing
Calibro a corsoio per tracciature lineari

SPECIAL GAUGES CALIBRI SPECIALI



- Digital calliper useful to linear trace
- In hardened stainless steel
- Interchangeable tracing bit
- Clamping screw

- Calibro a corsoio per tracciature lineari
- In acciaio inox tempré
- Puntale a tracciare intercambiabile
- Bloccaggio a vite



Boccole temprate
Tempered Bit



Article	Range	A	B	C	D	Bar Section	Resolution	Accuracy	Code	Kg
DIGI GRAF 155/47	150	233	74	16	19	16,5X3	0,01	0,02	00260	0,170

DIGI RAV

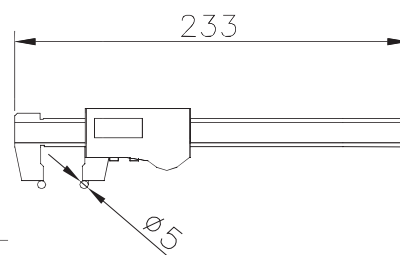
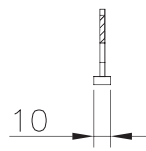
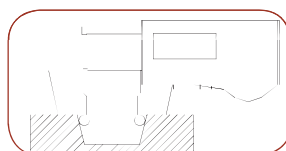
Digital sliding gauge for conic measurement
Calibro a corsoio per misurazioni coniche

SPECIAL GAUGES CALIBRI SPECIALI



- Digital sliding gauge for conic measurement
- In hardened stainless steel
- Clamping screw

- Calibro a corsoio per misurazioni coniche
- In acciaio inox tempré
- Bloccaggio a vite



Article	Ext.range	Int.range	Bar Section	Resolution	Accuracy	Code	Kg
DIGI RAV 150	0 - 150	10 - 150	16,5X3	0,01	0,03	00740	0,170

DIGI POSEIDONE

Digital caliper for spacing and sections on different planer
Calibro digitale per interassi e sezioni su piani diversi

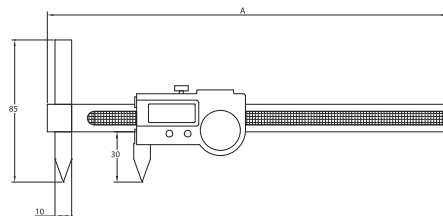


SPECIAL GAUGES CALIBRI SPECIALI

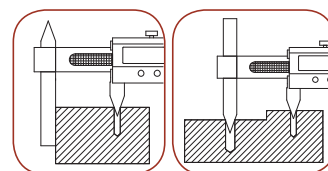


- Digital caliper
- In hardened stainless steel
- Cable connect proximity/usb
- Jaws painted adjustable for easy measurement of scale sections

- Calibro digitale per interassi e sezioni su piani diversi
- Asta in acciaio inox
- Connessione proximity usb
- Becca a punta regolabile per una facile misurazione di sezioni a gradini



Article	Range	A	Bar Section	Resolution	Accuracy	Code	Kg
DIGI POSEIDONE 150	150	238	16.5X3.5	0,01	0,02	07082	0,230
DIGI POSEIDONE 200	200	288	16.5X3.5	0,01	0,02	07083	0,260



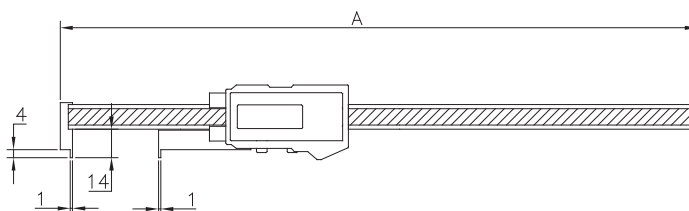
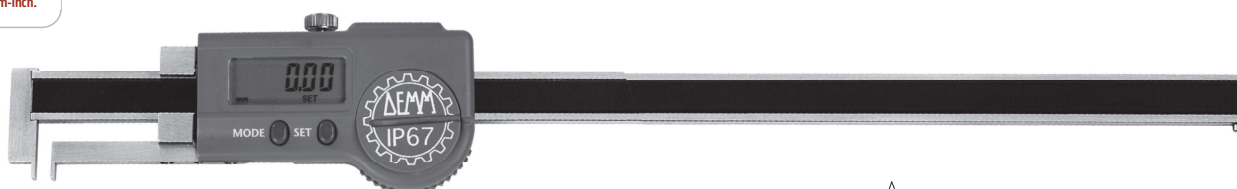
DIGI MUSTA

Digital caliper for measure of lands inside bores
Calibro a corsoio per misure cave interne



- Digital caliper for measure of lands inside bores with short jaws
- In hardened stainless steel
- Cable connect proximity/usb
- Clamping screw

- Calibro a corsoio per misure cave interne con becchi corti
- In acciaio inox
- Connessione proximity usb
- Bloccaggio a vite



Article	Ext. Range	Int. Range	A	Bar Section	Resolution	Accuracy	Code	Kg
DIGI MUSTA 200	0 - 200	2 - 200	312	12x4	0,01	0,02	00745	0,250

GAUGES
CALIBRI

ALLESAMETRI
ALLESAMETRI

BIG CALIPERS
GRANDI CALIBRI

HEIGHT GAGE
TRUSCHINI

PRECISION
STRAIGHT EDGE
RIGHE DI CONTROLLO

MEASURE INSTRUMENTS
STRUMENTI
DI CONTROLLO

PRESETTING
PRESETTING

GEARS INSTRUMENTS
STRUMENTI PER
INGRANAGGI

DIAL GAUGES
COMPARATORI

ACCESSORIES
ACCESSORI

DIGI ORMER

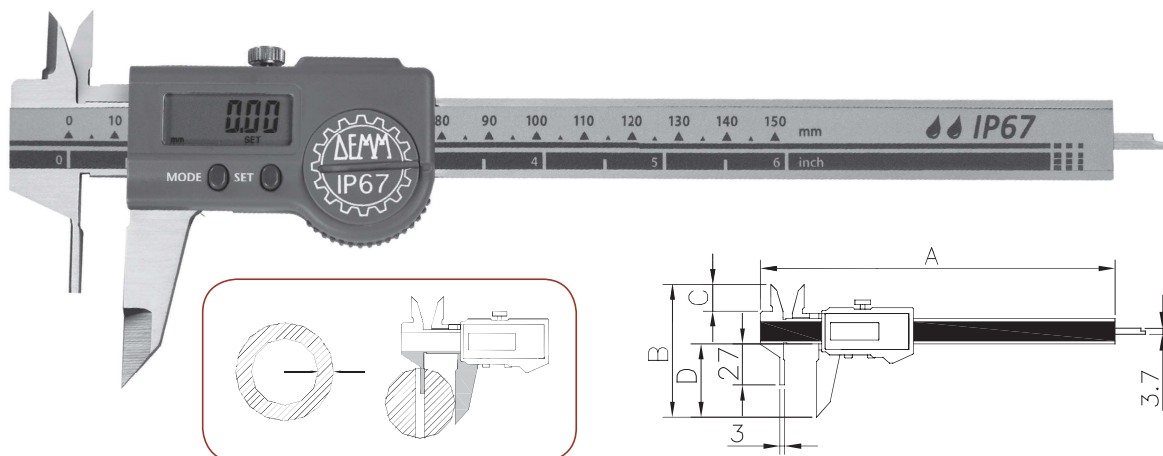
Digital sliding gauge for walls unequal measurement
Calibro a corsoio digitale per misurazioni disassate

SPECIAL GAUGES CALIBRI SPECIALI



- Digital sliding gauge for walls unequal measurement
- In hardened stainless steel
- Cable connect proximity/usb
- Clamping screw

- Calibro a corsoio digitale per misurazioni disassate
- In acciaio inox tempre
- Connessione proximity usb
- Bloccaggio a vite



Article	Range	A	B	C	D	Bar Section	Resolution	Accuracy	Code	Kg
DIGI ORMER 155/47	150	233	85	16	47	16,5X3	0,01	0,02	00100	0,170

DIGI AFRODITE E/I

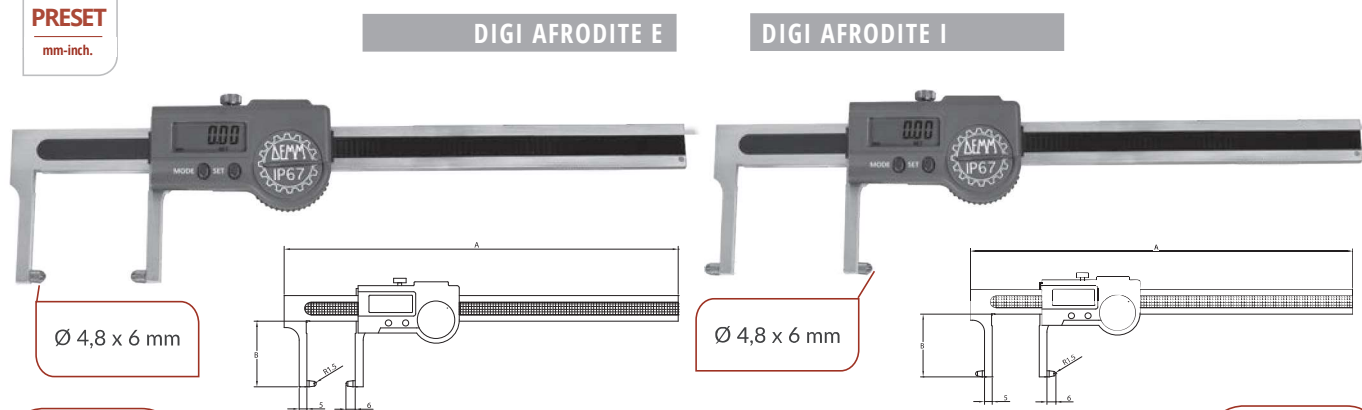
Digital caliper for internal/external measurement
Calibro digitale per interni/esterni

SPECIAL GAUGES CALIBRI SPECIALI



- Digital caliper for internal/external measurement
- Interchangeable and extendable rods
- In hardened stainless steel
- Cable connect proximity/usb

- Calibro digitale per misurazioni interni/esterni
- Puntalini intercambiabili ed estendibili
- Asta in acciaio inox
- Connessione proximity usb



Ø 4,8 x 6 mm

Ø 4,8 x 6 mm

Article	Range	A	B	Bar Section	Resolution	Accuracy	Code	Kg
DIGI AFRODITE E 180	180	253	42	16.5X3.5	0,01	0,02	07072	0,170
DIGI AFRODITE I 150	150	253	42	16.5X3.5	0,01	0,02	07074	0,170

DIGI AFRODITE D

Digital caliper for tuth
Calibro digitale per dentature

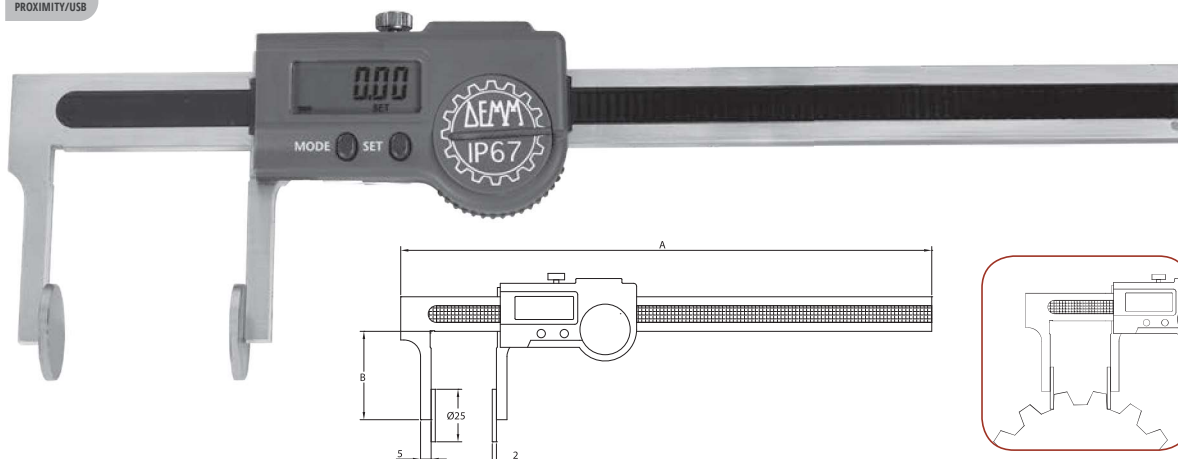


SPECIAL GAUGES CALIBRI SPECIALI



- Digital caliper
- In hardened stainless steel
- Cable connect proximity/usb

- Calibro digitale per dentature
- Asta in acciaio inox
- Connessione proximity usb



Article	Range	A	B	Bar Section	Resolution	Accuracy	Code	Kg
DIGI AFRODITE D 150	150	253	42	16.5X3.5	0,01	0,02	07070	0,195

DIGI ULARC

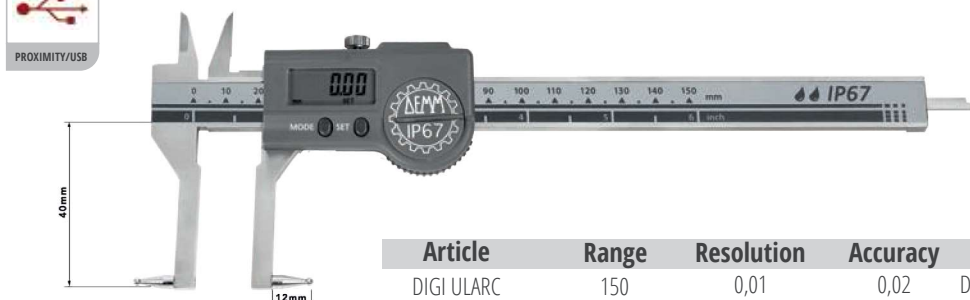
Digital caliper for internal/external grooves
Calibro digitale per controllo gole interne/esterne

SPECIAL GAUGES CALIBRI SPECIALI



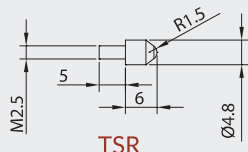
- Digital caliper for internal/external measurement
- Interchangeable rods
- In hardened stainless steel
- With upper jaws for internal measurement

- Calibro digitale per misurazioni interni/esterni
- Puntalini intercambiabili
- Asta in acciaio inox
- Con becche superiori per interni

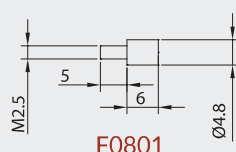


Article	Range	Resolution	Accuracy	Code	Kg
DIGI ULARC	150	0,01	0,02	DULARC150	0,185

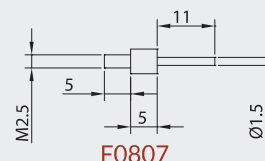
APPLICATIONS APPLICAZIONI



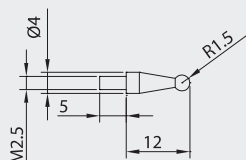
TSR



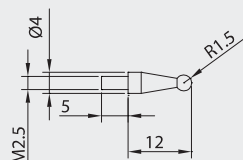
F0801



F0807



TS Ø1-6,5



TSW Ø1-6,5 SFERA METALLO DURO

DIGI ARES

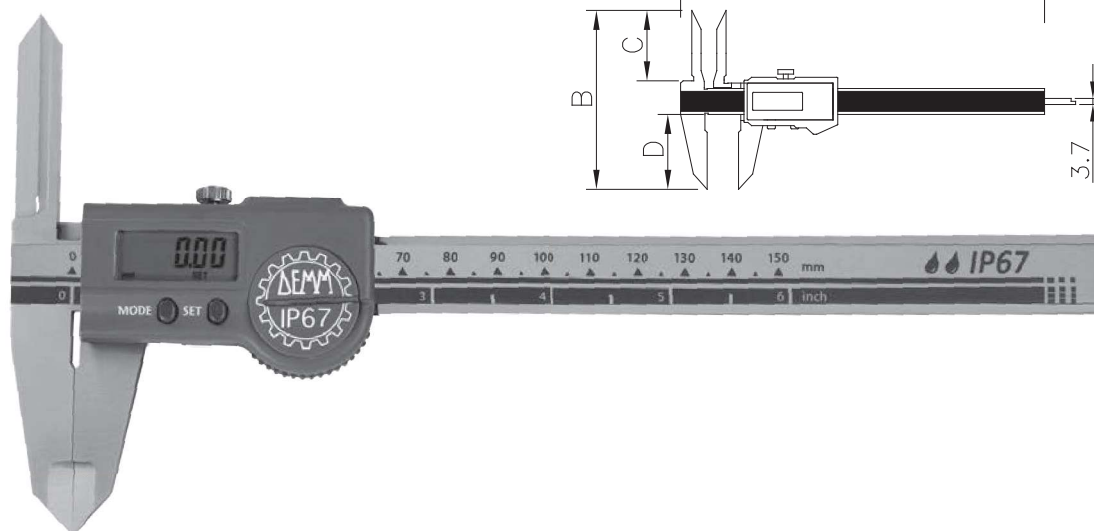
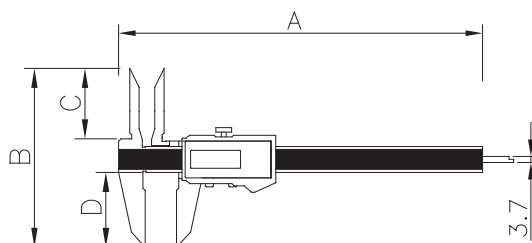
Digital caliper
Calibro a corsoio digitale

SPECIAL GAUGES CALIBRI SPECIALI



- Digital caliper
- In hardened stainless steel
- Upper jaws 45mm
- Cable connect proximity/usb
- Clamping screw

- Calibro a corsoio digitale
- In acciaio inox tempre
- Becche superiori 45mm
- Connessione proximity usb
- Bloccaggio a vite



Article	Range	A	B	C	D	Bar Section	Resolution	Accuracy	Code	Kg
DIGI ARES 155/47	150	233	113	45	47	16,5X3	0,01	0,02	50001	0,175

DIGI REMOR

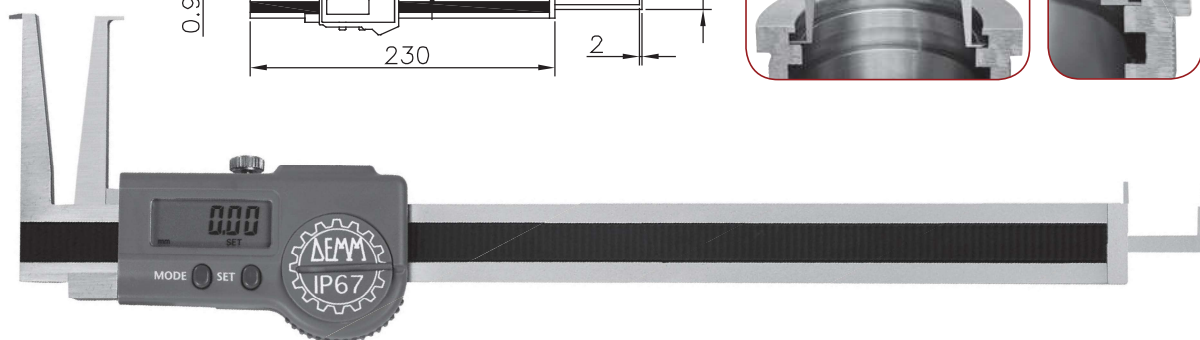
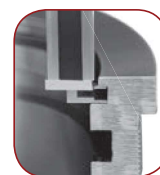
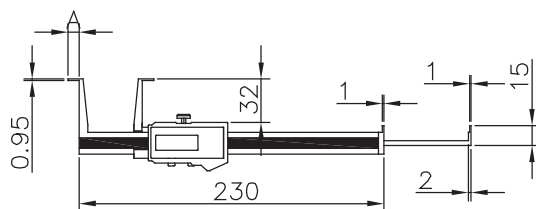
Digital sliding gauge useful to measure inside grooves and segger channels
Calibro a corsoio digitale per misure di gole e canalini

SPECIAL GAUGES CALIBRI SPECIALI



- Digital sliding gauge useful to measure inside grooves and segger channels
- In hardened stainless steel
- Cable connect proximity/usb
- Clamping screw

- Calibro a corsoio per misure di gole e cardini
- In acciaio inox tempre
- Connessione proximity usb
- Bloccaggio a vite



Article	Range	A	Bar Section	Resolution	Accuracy	Code	Kg
DIGI REMOR	10 - 170	3,5	16,5X4	0,01	0,03	00090	0,195
DIGI REMOR L	20 - 180	8,5	16,5X4	0,01	0,03	00091	0,200

DIGI ARIS

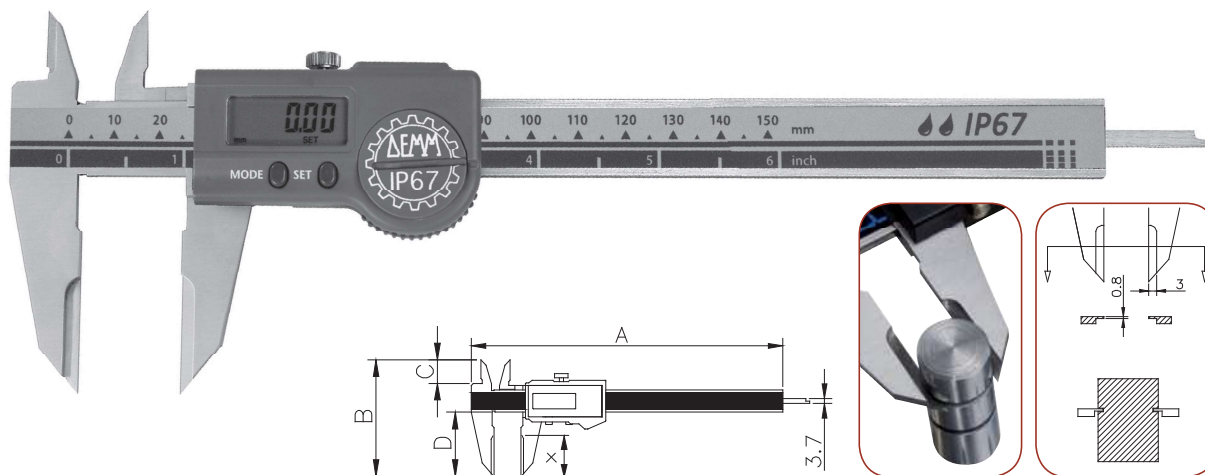
Digital sliding gauge for measurement segger grooves
Calibro a corsoio per misurazione gole Seger



SPECIAL GAUGES CALIBRI SPECIALI



- Digital sliding gauge for measurement segger grooves
- Clamping screw
- Calibro a corsoio per misurazione gole Seger
- Bloccaggio a vite



Article	Range	A	B	C	D	X	Bar Section	Resolution	Accuracy	Code	Kg
DIGI ARIS 155/47	150	233	85	16	47	25	16,5X3	0,01	0,02	00190	0,185
DIGI ARIS 200/55	200	290	96	20	55	30	16,5X3,5	0,01	0,02	00194	0,225
DIGI ARIS 250/55	250	340	96	20	55	30	16,5X3,5	0,01	0,03	00195	0,245

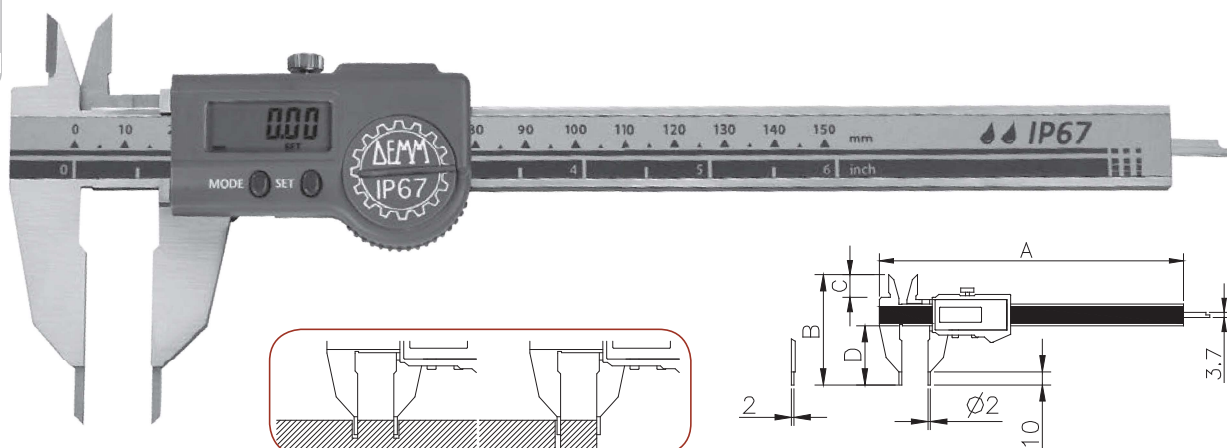
DIGI TAURUS

Digital sliding gauge useful to measure small channels and holes
Calibro a corsoio per misurazione piccoli canali e fori

SPECIAL GAUGES CALIBRI SPECIALI



- Digital sliding gauge useful to measure small channels and holes
- Clamping screw
- Calibro a corsoio per misurazione piccoli canali e fori
- Bloccaggio a vite



Article	Range	A	B	C	D	Bar Section	Resolution	Accuracy	Code	Kg
DIGI TAURUS 155/47	150	233	85	16	47	16,5X3	0,01	0,02	00191	0,180

DIGI PALLANTE E

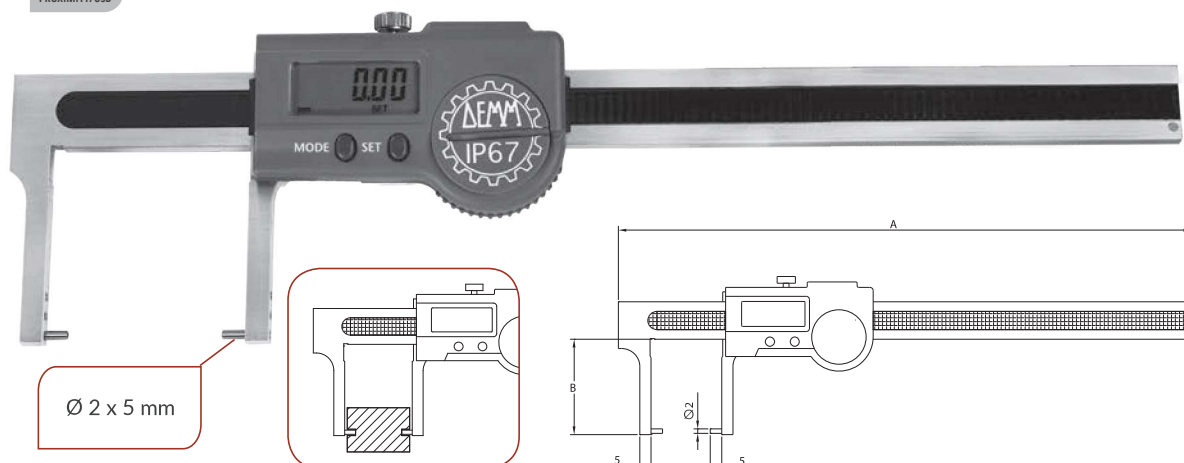
Digital caliper for internal/external measurement
Calibro digitale per interni/esterni

SPECIAL GAUGES CALIBRI SPECIALI



- Digital caliper for internal/external measurement
- In hardened stainless steel
- Cable connect proximity/usb

- Calibro digitale per misurazioni interni/esterni
- Asta in acciaio inox
- Connessione proximity usb



Article	Range	A	B	Bar Section	Resolution	Accuracy	Code	Kg
DIGI PALLANTE E 150	150	253	42	16.5X3.5	0,01	0,02	07078	0,170

DIGI PALLANTE I

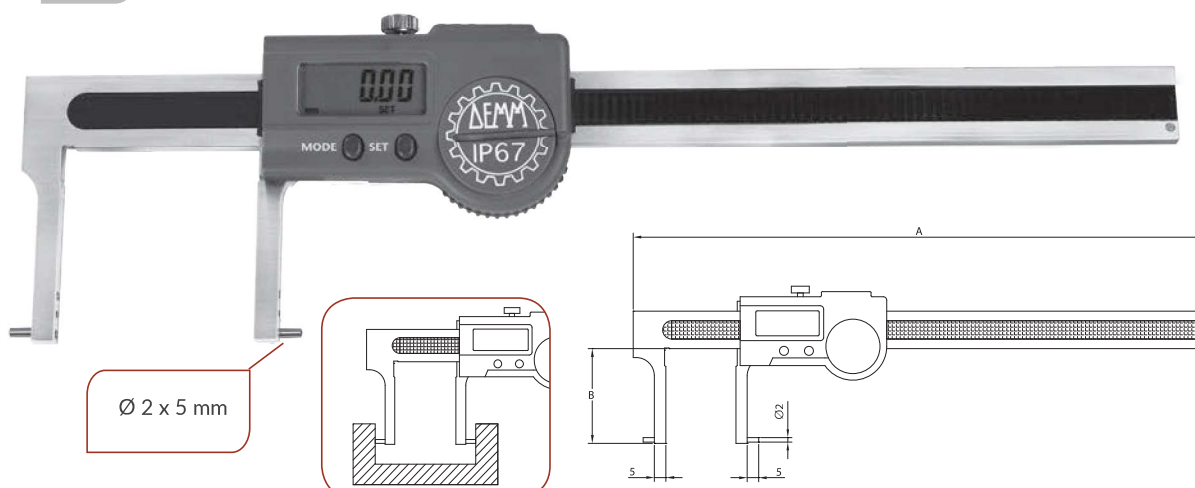
Digital caliper for internal/external measurement
Calibro digitale per interni/esterni

SPECIAL GAUGES CALIBRI SPECIALI



- Digital caliper for internal/external measurement
- In hardened stainless steel
- Cable connect proximity/usb

- Calibro digitale per misurazioni interni/esterni
- Asta in acciaio inox
- Connessione proximity usb



Article	Range	A	B	Bar Section	Resolution	Accuracy	Code	Kg
DIGI PALLANTE I 180	180	253	42	16.5X3.5	0,01	0,02	07080	0,170

DIGI ATLANTE

Digital caliper for internal keys
Calibro digitale per chiavette interne

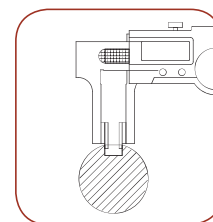
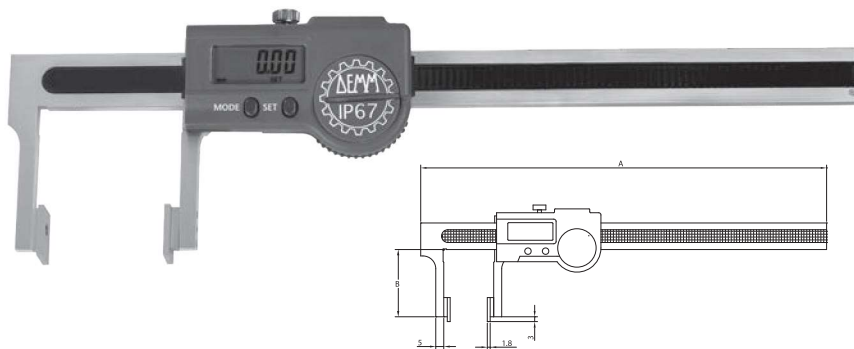


SPECIAL GAUGES CALIBRI SPECIALI



- Digital caliper
- In hardened stainless steel

- Calibro digitale per chiavette interne
- Asta in acciaio inox



Article	Range	A	B	Bar Section	Resolution	Accuracy	Code
DIGI ATLANTE 150	150	253	42	16.5X3.5	0,01	0,02	07076

DIGI ARCKER IP67

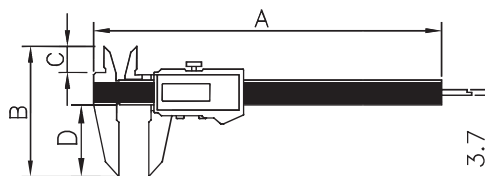
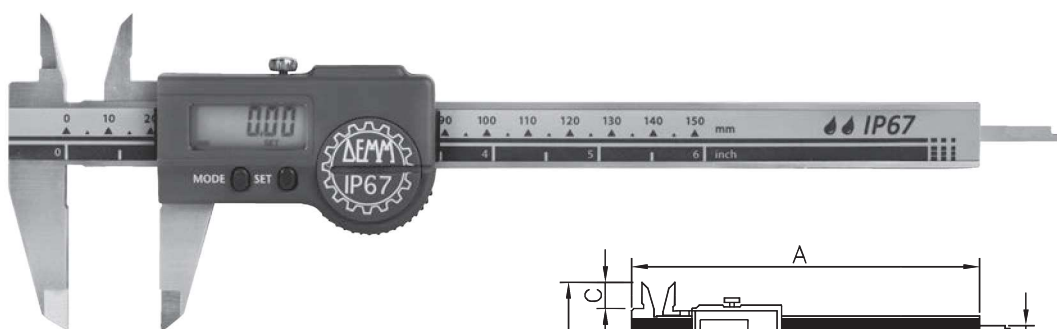
Digital caliper
Calibro a corsoio digitale

POCKET GAUGES CALIBRI TASCABILI



- Digital caliper
- In hardened stainless steel
- Clamping screw

- Calibro a corsoio digitale
- In acciaio inox tempré
- Bloccaggio a vite



Article	Range	A	B	C	D	Bar Section	Resolution	Accuracy	Code	Kg
DIGI ARCKER IP67 150/40	150	234	76	17	40	16X3	0,01	0,02	ST15040RIP67	0,146
DIGI ARCKER IP67 150/40 ASTA TONDA	150	234	76	17	40	16X3	0,01	0,02	ST15040IP67	0,146
DIGI ARCKER IP67 155/47	150	233	85	16	47	16,5X3	0,01	0,02	90051	0,175
DIGI ARCKER IP67 200/50	200	290	91	19	50	16X3,5	0,01	0,02	ST20050RIP67	0,230
DIGI ARCKER IP67 200/55	200	290	96	20	55	16,5X3,5	0,01	0,02	90052	0,235
DIGI ARCKER IP67 250/55	250	340	96	20	55	16,5X3,5	0,01	0,03	90053	0,250
DIGI ARCKER IP67 300/55	300	390	96	20	55	16,5X3,5	0,01	0,03	90054	0,270
DIGI ARCKER IP67 300/60	300	386	103	19	64	16X4	0,01	0,03	ST30060RIP67	0,270
DIGI ARCKER IP67 400/60	400	486	103	19	64	16X4	0,01	0,03	00654	0,390

DIGI ARCER W IP67

POCKET GAUGES CALIBRI TASCABILI

Digital caliper with carbide tipped jaws
Calibro a corsoio digitale con becche in metallo duro riportato



Article	Code	Kg
DIGI ARCER IP67 W 155/47	90060	0,175
DIGI ARCER IP67 W 200/47	90061	0,225
DIGI ARCER IP67 W 200/55	90062	0,235
DIGI ARCER IP67 W 250/55	90063	0,250
DIGI ARCER IP67 W 300/55	90064	0,270

DIGI ARCER MAGNUM IP67

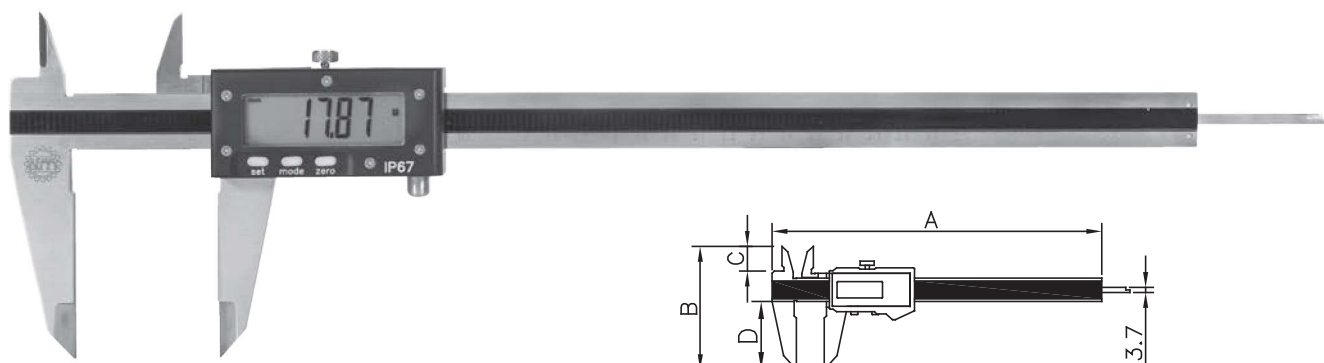
POCKET GAUGES CALIBRI TASCABILI

Digital caliper
Calibro a corsoio digitale



- Digital caliper
- In hardened stainless steel
- Clamping screw
- Jaws: 70 mm.

- Calibro a corsoio digitale
- In acciaio inox tempre
- Bloccaggio a vite
- Becche 70 mm

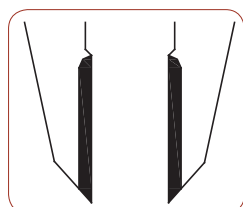


Article	Range	A	B	C	D	Bar Section	Resolution	Accuracy	Code	Kg
DIGI ARCER 250/70	250	354	116	22	70	19x3,5	0,01	0,03	00081IP67	0,310
DIGI ARCER 300/70	300	404	116	22	70	19x3,5	0,01	0,03	0082IP67	0,375
DIGI ARCER 400/70	400	504	116	22	70	19x3,5	0,01	0,03	0083IP67	0,420

DIGI ARCER MAGNUM W IP67

POCKET GAUGES CALIBRI TASCABILI

Digital caliper
Calibro a corsoio digitale



TIPPED JAWS
BECCHIE IN METALLO DURO RIPOSTATO

Article	Code	Kg
DIGI ARCER IP67 W 250/70	00881IP67	0,310
DIGI ARCER IP67 W 300/70	0089IP67	0,375
DIGI ARCER IP67 W 400/70	0070IP67	0,420

ARGO

BIG GAUGES GRANDI CALIBRI

Sliding gauge on carbon fiber
Calibro a corsoio in fibra di carbonio



WATER RESISTANT



PROXIMITY/RS232



WOODEN CASE



PROXIMITY/USB

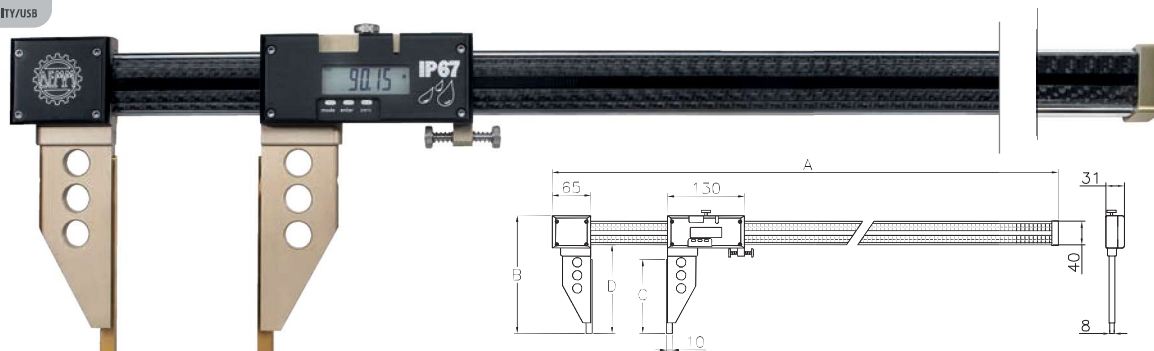
PRESET
mm-inch.

VERSION WITH FINE
ADJUSTMENT
VERSIONE CON
REGOLAZIONE FINE

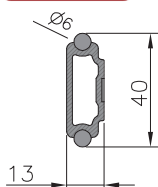


- Sliding gauge in carbon fiber
- Contacts of the jaws tin coated
- Clamping screw
- Electronic IP67 with big numbers
- Push/pull presser

- Calibro a corsoio con asta in fibra di carbonio
- Becche ricoperte Tin
- Bloccaggio a vite
- Elettronica IP67 grandi numeri
- Pressore a molla tiro/spinta



Article	Range	A	B	C	D	Resolution	Accuracy	Code	Kg
ARGO IP67 800/150	800	1050	200	125	150	0,01	0,04	00617	1,650
ARGO IP67 800/200	800	1050	250	160	200	0,01	0,04	00618	1,780
ARGO IP67 1000/150	1000	1250	200	125	150	0,01	0,04	00312	1,850
ARGO IP67 1000/200	1000	1250	250	160	200	0,01	0,04	00313	1,980
ARGO IP67 1500/150	1500	1750	200	125	150	0,01	0,05	00314	2,200
ARGO IP67 1500/200	1500	1750	250	160	200	0,01	0,05	00315	2,330
ARGO IP67 2000/150	2000	2250	200	125	150	0,01	0,06	00316	2,600
ARGO IP67 2000/200	2000	2250	250	160	200	0,01	0,06	00317	2,730



ARGO BD

BIG GAUGES GRANDI CALIBRI

Sliding gauge on carbon fiber
Calibro a corsoio in fibra di carbonio



WATER RESISTANT



PROXIMITY/RS232



WOODEN CASE



PROXIMITY/USB

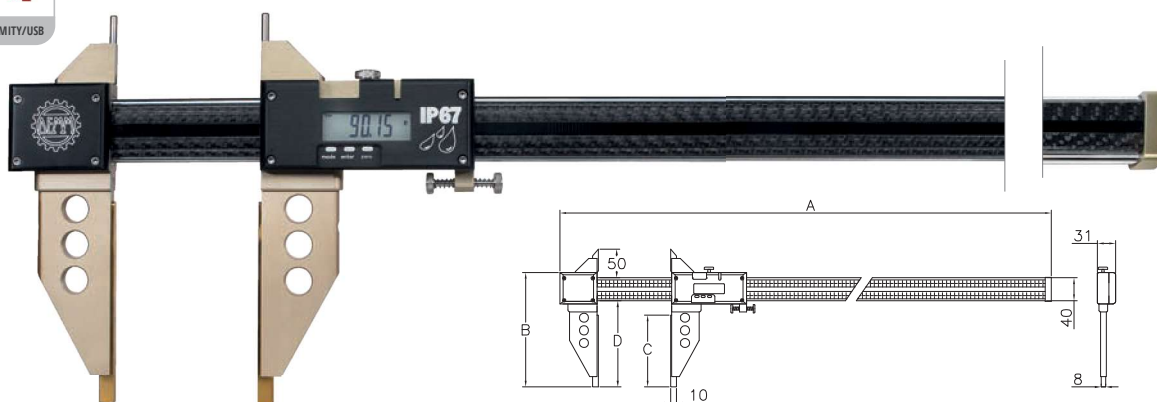
PRESET
mm-inch.

VERSION WITH FINE
ADJUSTMENT
VERSIONE CON
REGOLAZIONE FINE

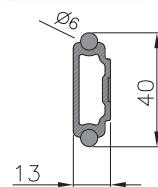


- Sliding gauge in carbon fiber
- Contacts of the jaws tin coated
- Clamping screw
- Electronic IP67 with big numbers
- Push/pull presser
- Cylindrical upper jaws Ø5

- Calibro a corsoio con asta in fibra di carbonio
- Becche ricoperte Tin
- Bloccaggio a vite
- Elettronica IP67 grandi numeri
- Pressore a molla tiro/spinta
- Becche superiori con cilindri Ø5



Article	Range	A	B	C	D	Resolution	Accuracy	Code	Kg
ARGO BD IP67 800/150	800	1050	200	125	150	0,01	0,04	00619	1,700
ARGO BD IP67 1000/150	1000	1250	200	125	150	0,01	0,04	00565	1,900
ARGO BD IP67 1000/200	1000	1250	250	160	200	0,01	0,04	00566	2,030
ARGO BD IP67 1500/150	1500	1750	200	125	150	0,01	0,05	00567	2,250
ARGO BD IP67 1500/200	1500	1750	250	160	200	0,01	0,05	00568	2,380
ARGO BD IP67 2000/150	2000	2250	200	125	150	0,01	0,06	00569	2,650
ARGO BD IP67 2000/200	2000	2250	250	160	200	0,01	0,06	00577	2,780



BIG GAUGES GRANDI CALIBRI



- Double sliding gauge movable
- In carbon fiber
- Interchangeable accessories
- Standard contacts TS 81660

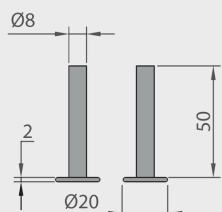
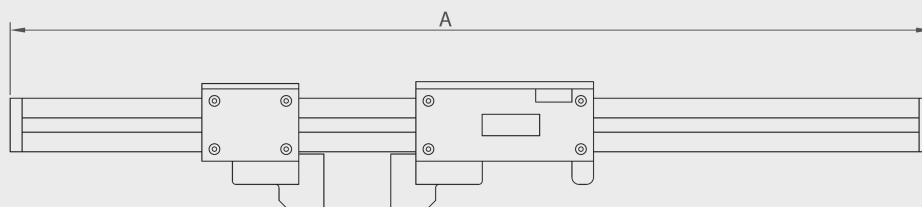
- Calibro a doppio corsoio mobile
- Corpo in fibra di carbonio
- Puntali intercambiabili
- Accessorio TS 81660 di serie



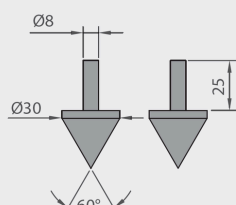
Article	A (mm)	Bar Section	Resolution	CODE	Kg
CARBO CIRCE 400 IP67	610	30x10	0.01	03001IP67	0.750
CARBO CIRCE 600 IP67	810	30x10	0.01	03002IP67	0.900
CARBO CIRCE 800 IP67	1010	30x10	0.01	90069IP67	1.050
CARBO CIRCE 1000 IP67	1250	40x13	0.01	90070IP67	1.750
CARBO CIRCE 1500 IP67	1750	40x13	0.01	90072IP67	2.120
CARBO CIRCE 2000	2300	47x16	0.01	90073	3.400
CARBO CIRCE 2500	2800	47x16	0.01	90074	3.800
CARBO CIRCE 3000	3300	47x16	0.01	90075	4.250
CARBO CIRCE 3500	3800	47x16	0.01	90076	4.650

ACCESSORIES CARBO CIRCE

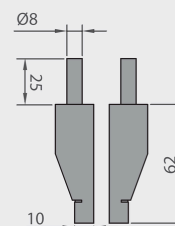
ACCESSORI CARBO CIRCE



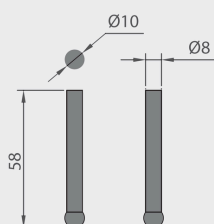
Article	Code	Kg
TS81660	00271	0,070



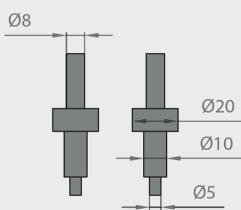
Article	Code	Kg
CN30	00225	0,165



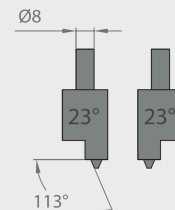
Article	Code	Kg
FEM	00222	0,175



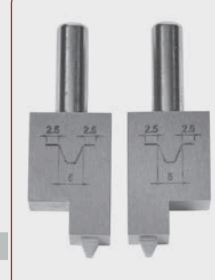
Article	Code	Kg
TS81260	00291	0,090

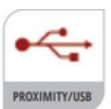


Article	Code	Kg
IE	00228	0,110



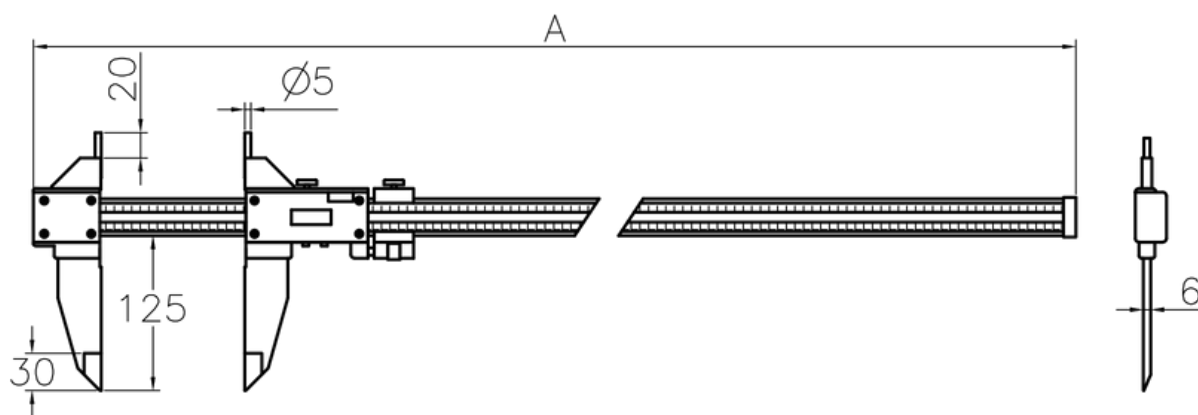
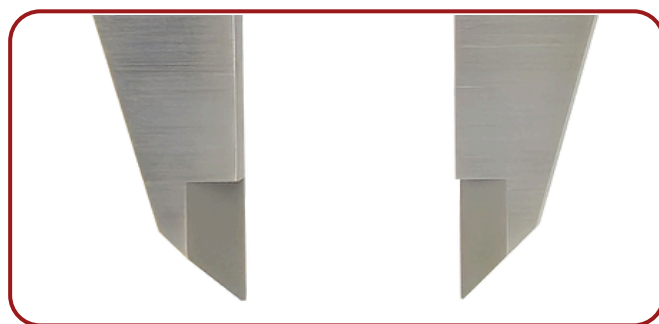
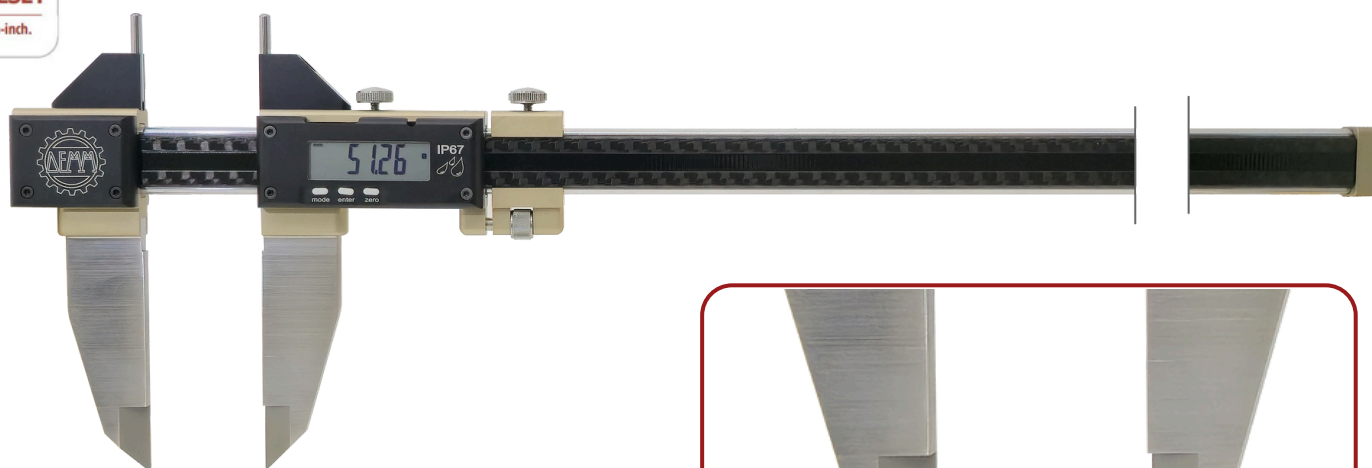
Article	Code	Kg
OR23	201551	0,050



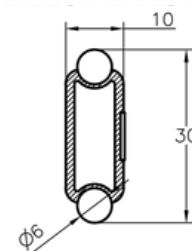


- Sliding gauge in carbon fiber
- Jaws in hardened stainless steel
- Fine adjustment carriage
- Clamping screw
- Electronic IP67 with PRESET
- Data transmission Proximity-USB, optional wireless

- Calibro a corsoio in fibra di carbonio
- Becche in acciaio inox tempre
- Carrello di regolazione fine
- Bloccaggio a vite
- Elettronica IP67 con PRESET
- Trasmissione dati Proximity-USB, opzionale wireless



Article	Range (mm)	A (mm)	Resolution	Accuracy	CODE	Kg
ERACLARER 600/125	600	810	0.01	0.03	01090	1,300
ERACLARER 800/125	800	1010	0.01	0.03	01091	1,340
ERACLARER 1000/125	1000	1210	0.01	0.04	01092	1,380



CARBON FIBER BAR SECTION
SEZIONE ASTA IN FIBRA DI CARBONIO

DIGI PLUTO CARBON FIBER FLAT



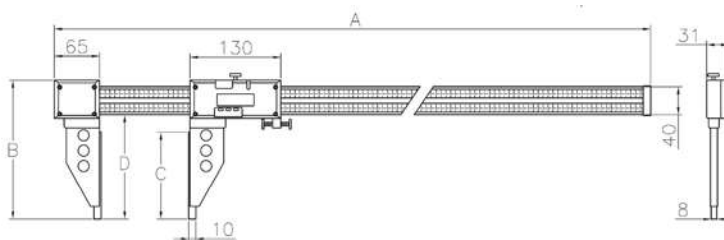
BIG GAUGES GRANDI CALIBRI



- Sliding gauge in carbon fiber for internal / external measurements
- Jaws in hardened stainless steel
- Clamping screw
- Electronic IP67 with big numbers
- Push / pull spring system
- Calibro a corsoio in fibra di carbonio per misurazioni interni / esterni
- Becche in acciaio inox temprato
- Bloccaggio a vite
- Elettronica IP67 grandi numeri
- Pressore a molla tiro / spinta



CARBON BAR SECTION
SEZIONE ASTA



Article	Range mm	A	B	C	D	Resolution	Accuracy	Code	Kg
DIGI PLUTO CARBON FIBER FLAT IP67 800/150	800	1050	200	125	150	0,01	0,04	00672	1,650
DIGI PLUTO CARBON FIBER FLAT IP67 1000/150	1000	1250	200	125	150	0,01	0,04	00673	1,850
DIGI PLUTO CARBON FIBER FLAT IP67 1500/150	1500	1750	200	125	150	0,01	0,05	00674	2,200
DIGI PLUTO CARBON FIBER FLAT IP67 2000/150	2000	2250	200	125	150	0,01	0,06	00675	2,600

APPLICATION APPLICAZIONE

Flexibility to be used lying down
Peculiarità asse base becche in appoggio assiale al piano





SUPPORTS FOR MICROMETERS

SUPPORTI PER MICROMETRI

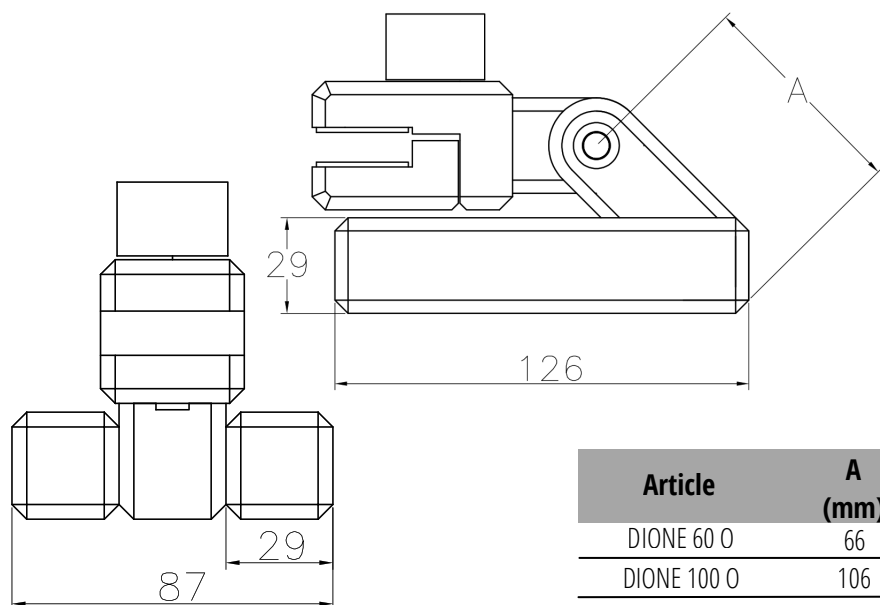


SUPPORTS

SUPPORTI

- Horizontal support for micrometers
- Clamp with opening from 7 to 24 mm.
- In hardened stainless steel
- Balanced
- High-quality finish
- 180° rotation

- Supporto porta micrometri a snodo orizzontale
- Morsetto con apertura da 7 a 24 mm.
- In acciaio inox
- Bilanciato
- Altafinitura
- Rotazione 180°



Article	A (mm)	CODE	Kg
DIONE 60 O	66	01043	2.400
DIONE 100 O	106	01044	2.630

DIONE V

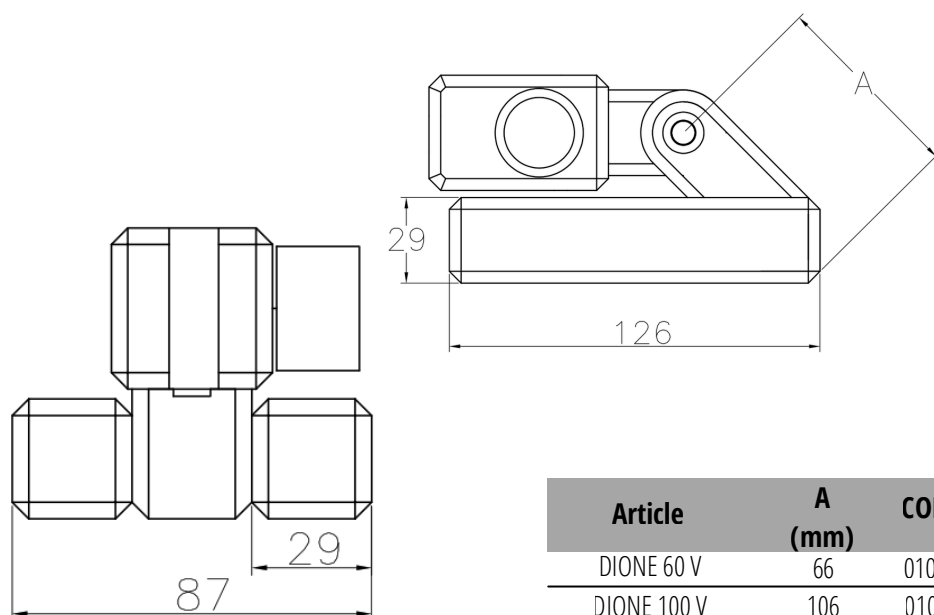
Vertical Instruments support
Supporto strumenti verticale

SUPPORTS

SUPPORTI

- Vertical support for micrometers
- Clamp with opening from 7 to 24 mm.
- In hardened stainless steel
- Balanced
- High-quality finish
- 180° rotation

- Supporto porta micrometri a snodo verticale
- Morsetto con apertura da 7 a 24 mm.
- In acciaio inox
- Bilanciato
- Altafinitura
- Rotazione 180°



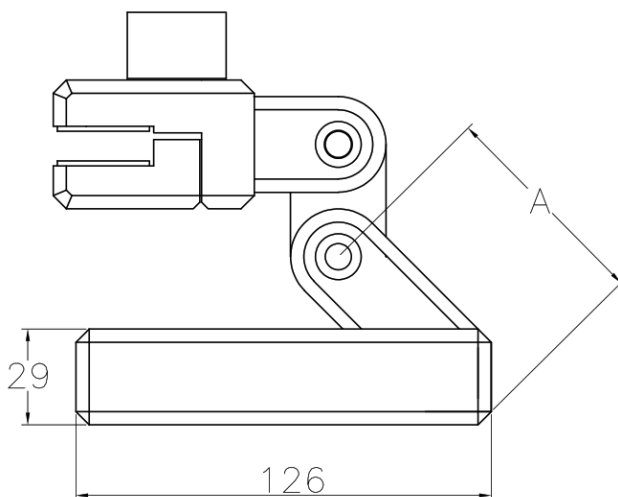
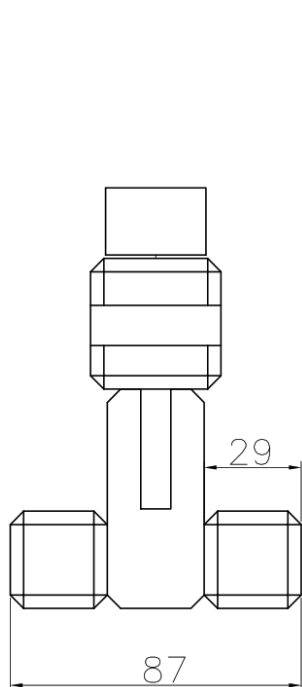
Article	A (mm)	CODE	Kg
DIONE 60 V	66	01046	2.400
DIONE 100 V	106	01047	2.630

SUPPORTS

SUPPORTI

- Horizontal support for micrometers with double joint
- Clamp with opening from 7 to 24 mm.
- In hardened stainless steel
- Balanced
- High-quality finish
- 180° rotation

- Supporto porta micrometri a doppio snodo orizzontale
- Morsetto con apertura da 7 a 24 mm.
- In acciaio inox
- Bilanciato
- Altafinitura
- Rotazione 180°



Article	A (mm)	CODE	Kg
DIONE ART 60 O	66	01041	2.470
DIONE ART 100 O	106	01042	2.700

DIONE ART V

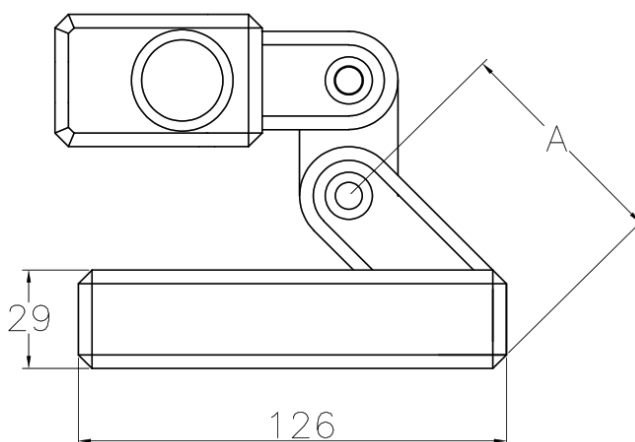
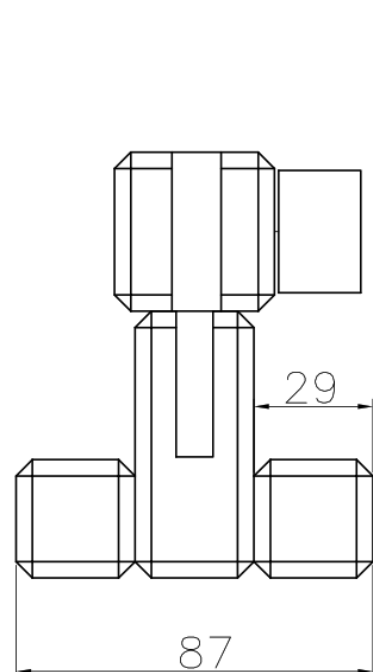
Vertical instruments support with double joint
Supporto strumenti con doppio snodo verticale

SUPPORTS

SUPPORTI

- Vertical support for micrometers with double joint
- Clamp with opening from 7 to 24 mm.
- In hardened stainless steel
- Balanced
- High-quality finish
- 180° rotation

- Supporto porta micrometri a doppio snodo verticale
- Morsetto con apertura da 7 a 24 mm.
- In acciaio inox
- Bilanciato
- Altafinitura
- Rotazione 180°



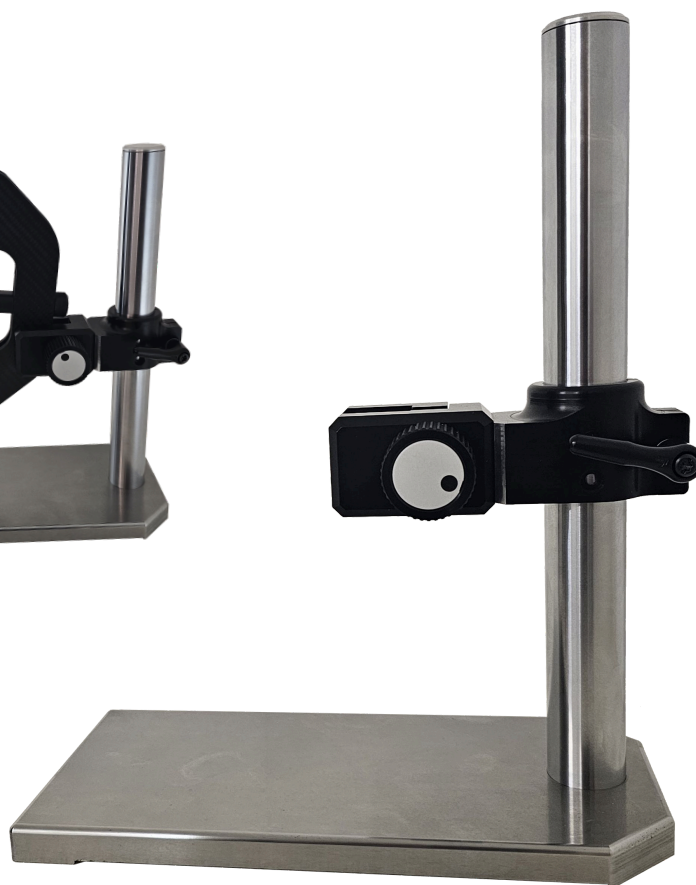
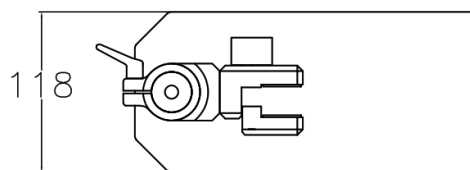
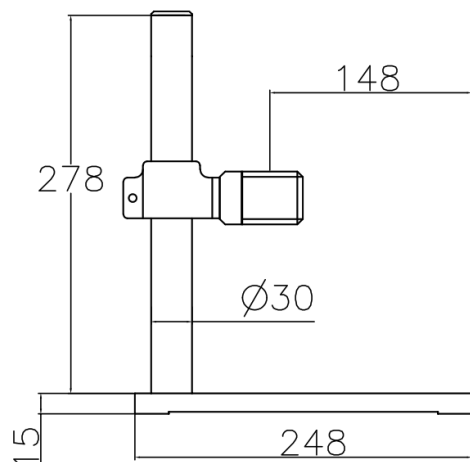
Article	A (mm)	CODE	Kg
DIONE ART 60 V	66	01048	2.470
DIONE ART 100 V	106	01049	2.700

SUPPORTS

SUPPORTI

- Vertical support for micrometers
- Clamp with opening from 7 to 24 mm.
- Balanced
- High-quality finish
- 180° rotation

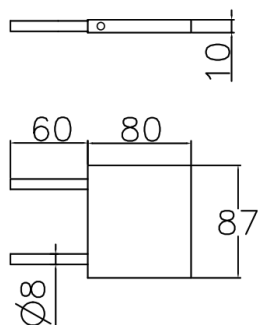
- Supporto porta micrometri verticale
- Morsetto con apertura da 7 a 24 mm.
- Bilanciato
- Altafinitura
- Rotazione 180°



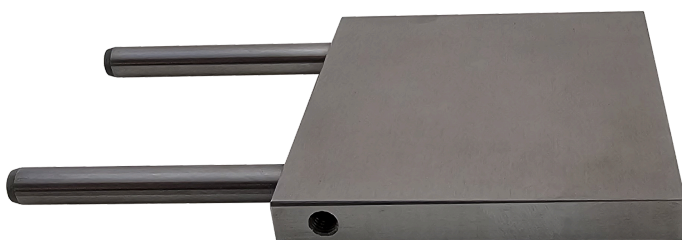
Article	CODE	Kg
BIG DIONE	01040	4.230

OPTIONAL BASE

BASE OPZIONALE



BASE OPZIONALE PER ALLUNGAMENTO PIANO
D'APPOGGIO DELLO STRUMENTO
CON ESCURSIONE MASSIMA DI 40 MM.



Article	CODE	Kg
TAV 80	01045	0.576



CRATOS

Small comparator stand
Stativo

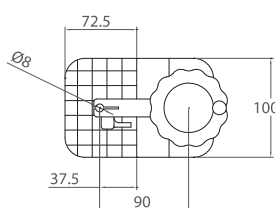
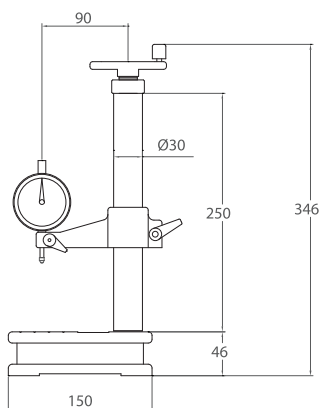


MEASURE INSTRUMENTS STRUMENTI CONTROLLO



- Small comparator stand in chrome steel and hardened stainless steel
- Movement with micrometric displacement through handwheel
- Locking lever

- Stativo in acciaio cromato e base in acciaio Inox temperato
- Movimentazione con spostamento micrometrico tramite volantino
- Bloccaggio a leva



Article	Code	Kg
CRATOS	201701	5,380



CALLIOPE

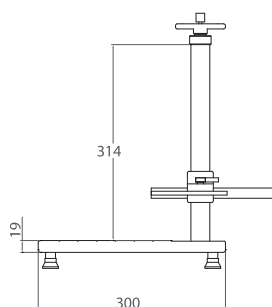
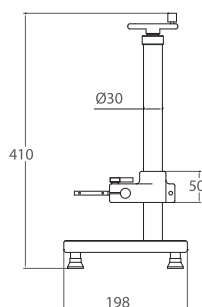
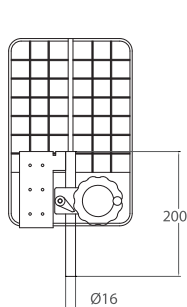
Small comparator stand
Stativo

MEASURE INSTRUMENTS STRUMENTI CONTROLLO



- Small comparator stand in chrome steel and base in hardened stainless steel
- Movement with micrometric displacement through handwheel
- Locking lever
- Base support for roughness
- Axis X adjustable

- Stativo in acciaio cromato e base in acciaio Inox temperato
- Movimentazione con spostamento micrometrico tramite volantino
- Bloccaggio a leva
- Basetta di appoggio per rugosimetro
- Regolabile asse X lungo la base di appoggio



Article	Code	Kg
CALLIOPE	201711	9,850



GAUGES
CALIBRI

ALLESAMETRI
ALLESAMETRI

BIG CALIPERS
GRANDI CALIBRI

HEIGHT GAGE
TRUSCHINI

PRECISION
STRAIGHT EDGE
RIGHE DI CONTROLLO

MEASURE INSTRUMENTS
STRUMENTI
DI CONTROLLO

PRESETTING
PRESETTING

GEARS INSTRUMENTS
STRUMENTI PER
INGRANAGGI

DIAL GAUGES
COMPARATORI

ACCESSORIES
ACCESSORI

COMUS

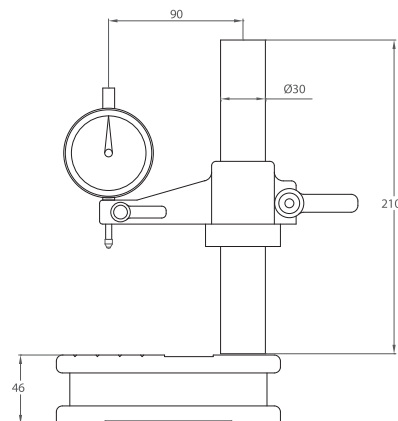
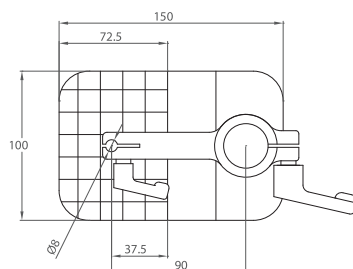
Small comparator stand
Stativo

MEASURE INSTRUMENTS STRUMENTI CONTROLLO



- Small comparator stand in chrome steel and base in hardened stainless steel
- Height adjustable with locking, rotating 360°
- Locking lever

- Stativo in acciaio cromato e base in acciaio Inox temperato
- Regolazione altezza con ghiera, ruotante 360°
- Bloccaggio a leva



Article	Code	Kg
COMUS	00175	5,490

REGAS

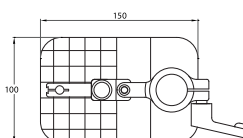
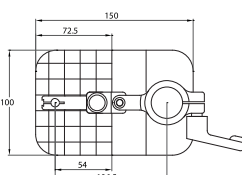
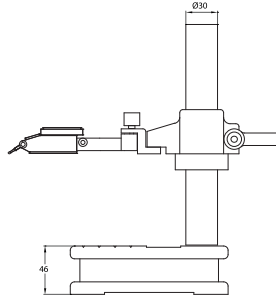
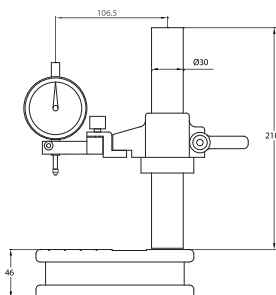
Small comparator stand
Stativo

MEASURE INSTRUMENTS STRUMENTI CONTROLLO



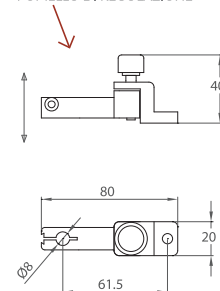
- Small comparator stand in chrome steel and base in hardened stainless steel
- Height adjustable with locking, rotating 360°
- Locking lever
- Axial support for dial gauge height adjust, connection Ø 8, Ø 4, dovetail

- Stativo in acciaio cromato e base in acciaio Inox temperato
- Regolazione altezza con ghiera, ruotante 360°
- Bloccaggio a leva
- Porta comparatore assiale regolabile in altezza attacchi Ø 8 e Ø 4, coda di rondine



LOCKING LEVER
PORTA COMPARATORE

KNOB ADJUSTMENT
POMELLO DI REGOLAZIONE

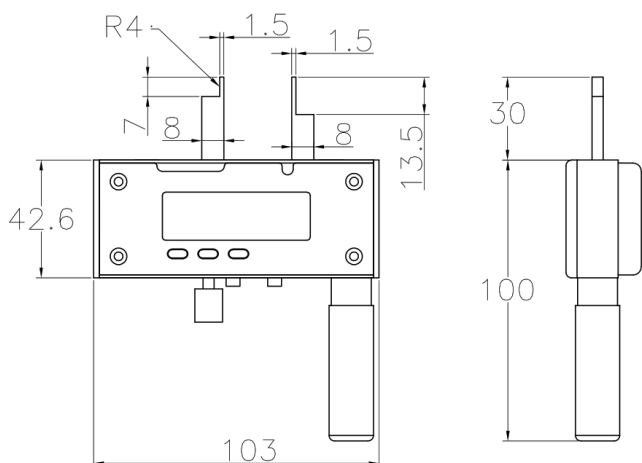
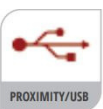


Article	Code	Kg
REGAS	00179	5,470



- Digital tool for quick check of axiality of internal keys
- 25 mm. range

- Strumento digitale per il controllo rapido di assialità delle chiavette interne
- Corsa utile 25 mm.



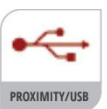
Article	Resolution	Accuracy	CODE	Kg
DIGI ELFO 4 - 12	0.01	0.02	01050	0.350

KEYS FOR INTERNAL SYMMETRY MEASUREMENTS

CHIAVETTE PER MISURAZIONI SIMMETRICHE INTERNE

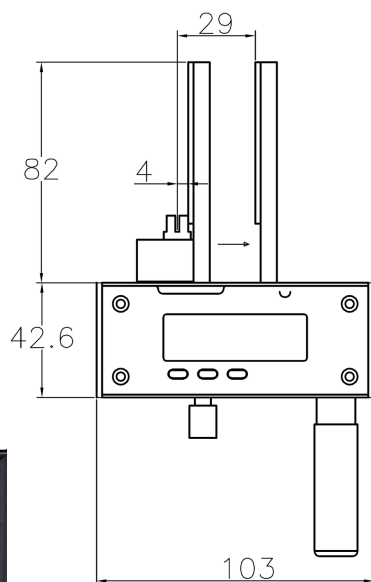


Article	CODE	Kg
CH - INT 4 H6	01051	0.024
CH - INT 5 H6	01052	0.026
CH - INT 6 H6	01053	0.028
CH - INT 8 H6	01054	0.030
CH - INT 10 H6	01055	0.032
CH - INT 12 H6	01056	0.034

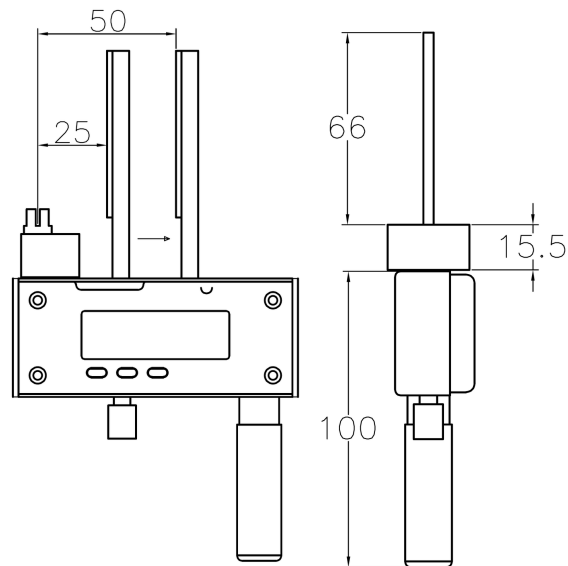


- Digital instrument for quickly checking the axiality of keys on shafts from $\varnothing 8$ to $\varnothing 100$
- Tolerance 0.01
- Repeatability 0.01
- Key series from 4 to 20 mm.

- Strumento digitale per il controllo rapido assialità delle chiavette su alberi da $\varnothing 8$ a $\varnothing 100$
- Tolleranza 0.01
- Ripetibilità 0.01
- Serie di chiavette da 4 a 20 mm.



DIAMETRO ALBERI
DA $\varnothing 8$ A $\varnothing 58$



DIAMETRO ALBERI
DA $\varnothing 50$ A $\varnothing 100$

Article	Resolution	Accuracy	CODE	Kg
DIGI OLFO 8/58	0.01	0.02	79000	0.350
DIGI OLFO 50/100	0.01	0.02	790050100	0.350

KEYS SERIES SERIE CHIAVETTE

TOLERANCE P9 TOLLERANZA P9

Article	Key	CODE	Kg
CH3P9	3 P9	00340	0.016
CH4P9	4 P9	00341	0.018
CH5P9	5 P9	00342	0.022
CH6P9	6 P9	00343	0.026
CH8P9	8 P9	00344	0.028
CH10P9	10 P9	00345	0.030
CH12P9	12 P9	00346	0.032
CH14P9	14 P9	00347	0.036
CH16P9	16 P9	00348	0.038
CH18P9	18 P9	00349	0.038
CH20P9	20 P9	00350	0.046

TOLERANCE N9 TOLLERANZA N9

Article	Key	CODE	Kg
CH3N9	3 N9	00352	0.016
CH4N9	4 N9	00353	0.018
CH5N9	5 N9	00354	0.022
CH6N9	6 N9	00355	0.026
CH8N9	8 N9	00359	0.028
CH10N9	10 N9	00365	0.030
CH12N9	12 N9	00366	0.032
CH14N9	14 N9	00368	0.036
CH16N9	16 N9	00374	0.038
CH18N9	18 N9	00377	0.038
CH20N9	20 N9	00442	0.046

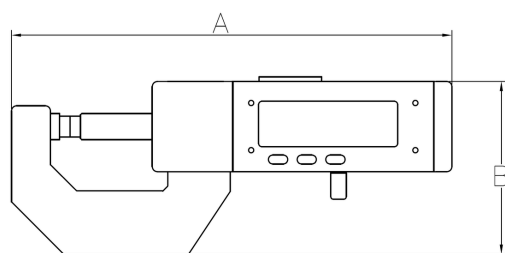
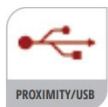


SPECIAL GAUGES CALIBRI SPECIALI



- Micrometer with push system
- For outside measurements
- Contacts in hardened steel

- Micrometro con spinta a molla
- Strumento per misurazioni esterne
- Contatti in metallo duro



Article	A (mm)	B (mm)	Range (mm)	Resolution	Accuracy	CODE	Kg
MICROS 0-25	169	66	0 - 25	0.001	0.002	99001	0.450
MICROS 25-50	194	73	25 - 50	0.001	0.002	01057	0.550

MICROS V

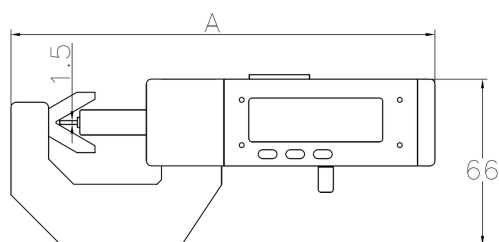
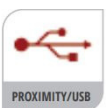
Micrometer for measuring external diameters with 3 points contacts
Micrometro per misurazioni di diametri esterni con 3 punti di contatto

SPECIAL GAUGES CALIBRI SPECIALI



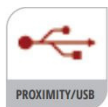
- Micrometer with push system
- For outside measurements with 3 contact points
- Contacts in hardened steel

- Micrometro con spinta a molla
- Strumento per misurazioni esterne con 3 punti di contatto
- Contatti in metallo duro



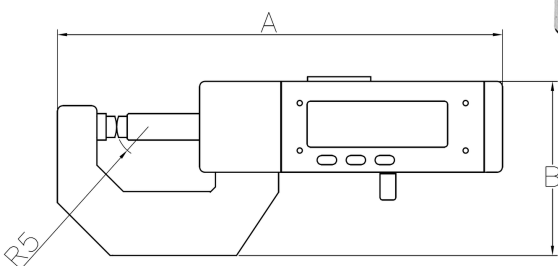
Article	A (mm)	Range (mm)	Resolution	Accuracy	CODE	Kg
MICROS V 1-18	169	Ø1 - Ø18	0.001	0.005	01058	0.450
MICROS V 16-32	186	Ø16 - Ø32	0.001	0.005	01059	0.550

SPECIAL GAUGES CALIBRI SPECIALI

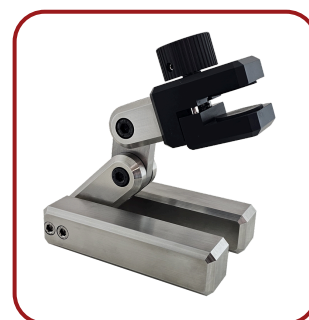


- Micrometer with push system
- Interchangeable tips with stem of $\varnothing 3.5$
- Supplied with tips of radius 5 Item F0502

- Micrometro con spinta a molla
- Puntali intercambiabili con gambo $\varnothing 3.5$
- Puntali in dotazione raggio 5 Art. F0502



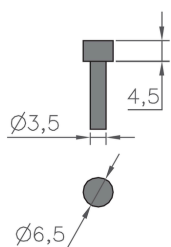
Article	A (mm)	B (mm)	Range (mm)	Resolution	Accuracy	CODE	Kg
MICROS INT 0-25	169	66	0 - 25	0.001	0.005	99002	0.450
MICROS INT 25-50	194	73	25 - 50	0.001	0.005	01060	0.550



STEEL SUPPORT
SUPPORTO IN ACCIAIO

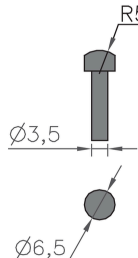
INTERCHANGEABLE TIPS PUNTALE INTERCAMBIABILI

CYLINDRICAL PIN
PUNTALE CILINDRICO



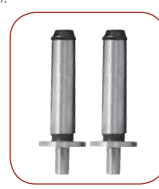
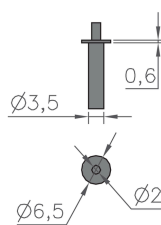
Article Code
F0501 03020

SEMISPHERIC PIN
PUNTALE SEMISFERICO



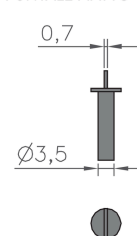
Article Code
F0502 03021

PIN DOUBLE DIAMETER
PUNTALE DOPPIO DIAM.



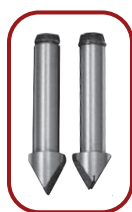
Article Code
F0503 03022

PIN PLANE
PUNTALE PIATTO



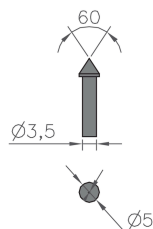
Article Code
F0505 03024

ROADS FOR THREAD EXTERNAL MEASUREMENT
TERMINALI PER FILETTATURE ESTERNE



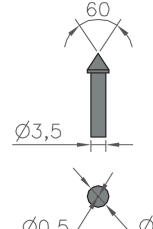
Article	Screw pitch	Code	Kg
F0101	0,4-0,5	03050	0.010
F0102	0,6-0,9	03051	0.010
F0103	1-1,75	03052	0.010
F0104	2-3	03053	0.010
F0105	3,5-5	03054	0.010
F0106	5,5-7	03055	0.010

PIN WEDGE 60°
PUNTALE A CUNEO 60°



Article Code
F0507 03026

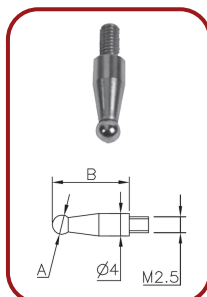
PIN CONIC 60°
PUNTALE CONICO A 60°



Article Code
F0506 03025

INTERCHANGEABLE RODS WITH SPHERES
TERMINALI INTERCAMBIABILI CON SFERE CALIBRATE

Article	A	B	Code	Kg
TS 1,5	$\varnothing 1,5$	12	02015	0.005
TS 2	$\varnothing 2$	12	02020	0.005
TS 2,5	$\varnothing 2,5$	12	02025	0.005
TS 3	$\varnothing 3$	12	02030	0.005
TS 3,5	$\varnothing 3,5$	12	02035	0.005
TS 4	$\varnothing 4$	12	02040	0.005
TS 4,5	$\varnothing 4,5$	12	02045	0.005
TS 5	$\varnothing 5$	12	02050	0.005



Article	A	B	Code	Kg
TSW 1,5	$\varnothing 1,5$	12	02016	0.008
TSW 2	$\varnothing 2$	12	02021	0.008
TSW 2,5	$\varnothing 2,5$	12	02026	0.008
TSW 3	$\varnothing 3$	12	02031	0.008
TSW 3,5	$\varnothing 3,5$	12	02036	0.008
TSW 4	$\varnothing 4$	12	02041	0.008
TSW 4,5	$\varnothing 4,5$	12	02046	0.008
TSW 5	$\varnothing 5$	12	02051	0.008

FOR MORE DIAMETERS SEE PAGE 135 OF GENERAL CATALOGUE
PER ALTRI DIAMETRI VEDI PAG. 135 - CATALOGO GENERALE



Your Everyday Partner

Kinds and Symbols of Geometrical Tolerances

Kind of tolerance	Symbol	Definition of tolerance zone	Examples of diagrammatical indication and its interpretation
Form tolerance	Straightness tolerance	 Where symbol ϕ is attached before the numerical value indicating a tolerance zone, this tolerance zone is a zone in a cylinder of diameter t .	 $\phi 0.08$
	Flatness tolerance	 The tolerance zone is a zone held between two parallel planes a distance t apart.	 0.08
	Circularity tolerance	 The tolerance zone in the considered plane is a zone between two concentric circles a distance t apart.	 0.1
	Cylindricity tolerance	 The tolerance zone is a zone contained between two coaxial cylinder surfaces a distance t apart.	 $\phi 0.1$
	Profile tolerance of line	 The tolerance zone is a zone held between two lines enveloping circles of diameter t , the centers of which are situated on a theoretically exact profile line.	 0.04
	Profile tolerance of surface	 The tolerance zone is a zone held between the two surfaces enveloping the spheres of diameter t , the centers of which are situated on a theoretically exact profile surface.	 $\phi 0.02$
Orientation tolerance	Parallelism tolerance	 The tolerance zone is a zone held between two parallel planes parallel to the datum plane and a distance t apart from each other.	 $\parallel 0.01 A$
	Perpendicularity tolerance	 Where symbol ϕ is attached before the numerical value indicating the tolerance, the tolerance zone is a zone within a cylinder of diameter t perpendicular to the datum plane.	 $\perp \phi 0.01 A$
	Angularity tolerance	 The tolerance zone is a zone held between two parallel planes inclined at the specified angle to the datum plane and a distance t apart from each other.	 $\angle 0.08 A$ 40°
Location tolerance	Positional tolerance	 The tolerance zone is a zone within a circle or sphere of diameter t having its center at the theoretically exact location, hereinafter referred to as the "true location".	 $\oplus \phi 0.03 A, B$
	Coaxiality tolerance or concentricity tolerance	 Where symbol ϕ is attached before the numerical value indicating the tolerance, the tolerance zone is a zone within a cylinder of diameter t whose axis agrees with the datum axial straight line.	 $\odot \phi 0.01 A$
	Symmetry tolerance	 The tolerance zone is a zone held between two parallel planes a distance t apart from each other and arranged symmetrically about the datum median plane.	 $\equiv 0.08 A$
Run-out tolerance	Circular run-out tolerance	 The tolerance is a zone between two concentric circles whose centers agree with the datum axial straight line on any measuring plane normal to the datum axial straight line and which are a distance t apart from each other in the radial direction.	 $\sim 0.1 A-B$
	Total run-out tolerance	 The tolerance zone is a zone between two coaxial cylinders having axes agreeing with the datum axial straight line and a distance t apart from each other in the radial direction.	 $\text{---} 0.1 A-B$

Lines used in the drawings in the column of "definition of tolerance zone" indicate the following meanings :

Thick solid line or broken line: Feature

Thin alternate long and short dash line: Center line

Thick alternate long and short dash line: Datum

Thin alternate long and two short dashes line: Supplementary projection plane or sectional plane

Thin solid line or broken line: Tolerance zone

Thick alternate long and two short dashes line: Projection of a feature to supplementary Projection plane or sectional plane

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