



# METROLOGY



# CUTLINE HISTORY

CUTLINE has been created in 2011, following the success of GISS machining accessories.

It became obvious that the Rubix Group wanted to develop high-performance cutting tools with all necessary equipment for machining.

From a few hundred tools to more than 5,800 SKUs, CUTLINE is now available and delivered across Europe.

CUTLINE is being boosted to become the outsider in the machining equipment in Europe!



# CUTLINE BRAND VALUE

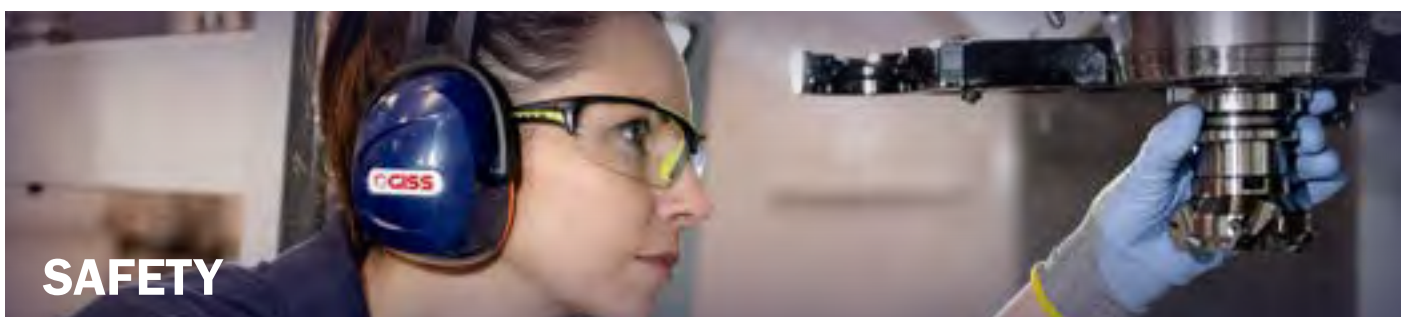
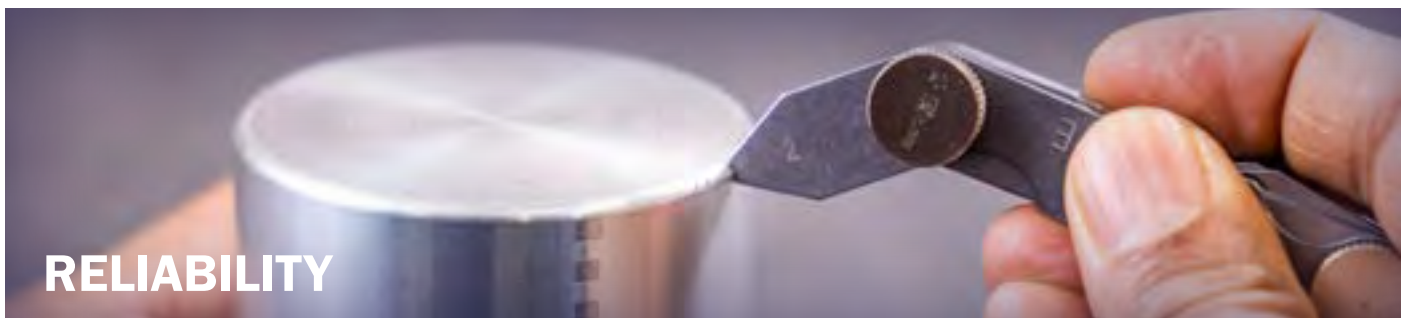
CUTLINE is a range of high-performance cutting tools and measuring instruments designed to serve all your machining needs for **PRODUCTION**.

It has been specially developed using customer feedback, in-depth field research and through close collaboration with leading industrial manufacturers.

Made to our exact specifications, every tool in the CUTLINE range has been expertly produced and tested, ensuring an exceptional level of quality across our comprehensive range.

CUTLINE is a true alternative to leading brands.

**Our goal is to respect our four values:**



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# CALIPERS AND DEPTH GAUGES

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mm/inch

8.10<sup>mm</sup>

ON/OFF

ZERO

CUTLINE

0

0

80

90

3

397245

# CALIPERS AND DEPTH GAUGES

## VERNIER CALIPERS

### Norms: DIN 862

- With upper screw
- Metal thumb
- Satin chrome finished
- Four way measurement - inside, outside, depth and step



Brand Ref.	MDM	Measurement Range mm	Reading mm	Accuracy mm	Length of Jaw
891940	13828764	0-150	0,02	0,03	40
891941	13828765	0-200	0,02	0,03	50
891942	13828766	0-300	0,02	0,03	60
891943	13828767	0-500	0,02	0,03	150

## DIGITAL CALIPERS

### Norms: DIN 862

- Large LCD display for clarity
- Fast response speed
- Dual readout in mm and inch
- High quality digital calipers allow for outside, inside, depth and step measurements



Brand Ref.	MDM	Measurement Range mm	Reading mm/inch	Accuracy mm	Length of Jaw
891945	13828768	0-150	0,01 / 0,0005"	0,03	40

## DIGITAL CALIPERS - IP67

### Norms: DIN 862

- IP67 protection, water and dust resistant
- Large LCD display; fast response speed; dual readout in mm and inch
- High quality digital calipers allow for outside, inside, depth and step measurements



Brand Ref.	MDM	Measurement Range mm	Reading mm/inch	Accuracy mm	Length of Jaw
891946	13828769	0-150	0,01 / 0,0005"	0,02	40
891947	13828770	0-200	0,01 / 0,0005"	0,03	50
891948	13828771	0-300	0,01 / 0,0005"	0,03	60



## VERNIER WORKSHOP CALIPERS

### Norms: DIN 862

- With fine adjustment
- Satin chrome finished
- For outside and inside measurement



Brand Ref.	MDM	Measurement Range mm	Reading mm	Accuracy mm	Length of Jaw
891950	13828772	0-300	0,05	0,07	90
891951	13828773	0-500	0,05	0,09	200
891952	13828774	0-1000	0,05	0,1	200

## DIGITAL WORKSHOP CALIPERS

### Norms: DIN 862

- Without knife point, nib style jaw
- With fine adjustment
- With preset, mm/inch, ABS, ZERO, OFF/ON six buttons
- Stainless steel, hardened
- For outside and inside measurement



Brand Ref.	MDM	Measurement Range mm	Reading mm/inch	Accuracy mm	Length of Jaw
891954	13828775	0-300	0,01 / 0,0005"	0,05	100
891955	13828776	0-500	0,01 / 0,0005"	0,06	100

## DIGITAL WORKSHOP CALIPERS - LONG JAWS

### Norms: DIN 862

- Without knife point, nib style jaw
- With fine adjustment
- With preset, mm/inch, ABS, ZERO, OFF/ON six buttons
- Stainless steel, hardened
- For outside and inside measurement



Brand Ref.	MDM	Measurement Range mm	Reading mm/inch	Accuracy mm	Length of Jaw
891956	13828777	0-300	0,01 / 0,0005"	0,05	150
891957	13828778	0-500	0,01 / 0,0005"	0,06	150

# CALIPERS AND DEPTH GAUGES

## DIGITAL OUTSIDE GROOVE CALIPERS

### Norms: DIN 862

- IP54 protection, water and dust resistant
- Scale with glass rail for precision sampling
- Absolute system IP54 protection
- For outside groove measurement



Brand Ref.	MDM	Measurement Range mm	Reading mm/inch	Accuracy mm	Length of Jaw
891959	13828779	0-200	0,01 / 0,0005"	0,03	46

## DIGITAL INSIDE GROOVE CALIPERS

### Norms: DIN 862

- IP54 protection, water and dust resistant
- Scale with glass rail for precision sampling
- Absolute system IP54 protection
- For inside groove measurement



Brand Ref.	MDM	Measurement Range mm	Reading mm/inch	Accuracy mm	Length of Jaw
891961	13828780	0-200	0,01 / 0,0005"	0,03	46

## CALIPER MEASURING INSERT SETS

### Norms: DIN 862

- Various exchangeable measuring points for option
- Used for ID, OD, thickness measurements
- Dual readout in mm and inch



Brand Ref.	MDM	Measurement Range mm	Reading mm/inch	Accuracy mm
891963	13828781	0-150	0,01 / 0,0005"	0,03

## VERNIER DEPTH GAUGES

### Norms: DIN 862

- Fitted with an extension base to extend its span
- Made of stainless steel, hardened
- Designed for measuring depth of hole, slots and recesses



Brand Ref.	MDM	Measurement Range mm	Reading mm	Accuracy mm	Length of Base mm
891965	13828782	150	0,05	0,03	100
891966	13828783	200	0,05	0,03	100
891967	13828784	300	0,05	0,04	100

## DIGITAL DEPTH GAUGES

### Norms: DIN 862

- Large LCD display for clarity
- Fast response speed
- Dual readout in mm and inch
- Made of stainless steel, hardened
- Fitted with an extension base to extend its span



Brand Ref.	MDM	Measurement Range mm	Reading mm/inch	Accuracy mm	Length of Base mm
891969	13828785	150	0,01 / 0,0005"	0,03	100
891970	13828786	200	0,01 / 0,0005"	0,03	100
891971	13828787	300	0,01 / 0,0005"	0,04	150

# MICROMETERS

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**OUTSIDE MICROMETERS**

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**DIGITAL 3 POINT  
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**DTI BORE GAUGES**



# MICROMETERS

## OUTSIDE MICROMETERS

### Norms: DIN 863

- Carbide surfaces, lapped, spindle hardened and ground
- Locking lever for quick and precise fixing
- Lightweight design
- Metric graduation
- For use in the workshop



Brand Ref.	MDM	Measurement Range mm	Reading mm	Accuracy mm
891996	13828806	0-25	0,01	0,04
891997	13828807	25-50	0,01	0,04
891998	13828808	50-75	0,01	0,05
891999	13828809	75-100	0,01	0,05
892000	13828810	100-125	0,01	0,06
892001	13828811	125-150	0,01	0,06
892002	13828812	150-175	0,01	0,07
892003	13828813	175-200	0,01	0,07
892004	13828814	200-225	0,01	0,08
892005	13828815	225-250	0,01	0,08
892006	13828816	250-275	0,01	0,09
892007	13828817	275-300	0,01	0,09

## DIGITAL OUTSIDE MICROMETERS - IP65

### Norms: DIN 863

- IP65 protection, water and dust resistant
- Large LCD display, clear reading
- Carbide surfaces, lapped, spindle hardened and ground
- Dual read out mm and inch
- For use in the workshop



Brand Ref.	MDM	Measurement Range mm	Reading mm/inch	Accuracy mm	Data Output	Spindle Diameter mm
892009	13828818	0-25	0,001 / 0,00005"	0,002	No	6,5
892010	13828819	25-50	0,001 / 0,00005"	0,002	No	6,5
892011	13828820	50-75	0,001 / 0,00005"	0,003	No	6,5
892012	13828822	75-100	0,001 / 0,00005"	0,003	No	6,5

### 3 POINT INTERNAL MICROMETER

- Chromed finish
- Self-centering and self-aligning
- For bore holes and blind holes



Brand Ref.	MDM	Measurement Range mm	Reading mm	Accuracy mm	Measuring Depth mm
892014	13828823	6-8	0,001	0,004	53,5
892015	13828824	8-10	0,001	0,004	53,5
892016	13828825	10-12	0,001	0,004	53,5
892017	13828826	12-16	0,005	0,004	80
892018	13828827	16-20	0,005	0,004	80
892019	13828828	20-25	0,005	0,004	90
892020	13828829	25-30	0,005	0,004	90
892021	13828830	30-40	0,005	0,004	97
892022	13828831	40-50	0,005	0,005	97
892023	13828832	50-63	0,005	0,005	114
892024	13828833	62-75	0,005	0,005	114
892025	13828834	75-88	0,005	0,005	114
892026	13828835	87-100	0,005	0,005	114
892027	13828836	100-125	0,005	0,005	145
892028	13828837	125-150	0,005	0,005	145
892029	13828838	150-175	0,005	0,005	145
892030	13828839	175-200	0,005	0,005	145

# MICROMETERS

## 3 POINT INTERNAL MICROMETER SETS

- Set composition
- Chromed finish
- Self-centering and self-aligning
- With setting rings and extension rods
- For bore holes and blind holes



Brand Ref.	MDM	Measurement Range mm	Reading mm
892031	13828840	6-12	0,005
892032	13828841	12-20	0,005
892033	13828842	20-50	0,005

## DIGITAL 3 POINT INTERNAL MICROMETERS - IP65

- IP65 protection, water and dust resistant
- Large LCD display with clear reading
- Bi-directional communication
- Ratchet stop, to ensure constant measuring force
- For bore holes and blind holes



Brand Ref.	MDM	Measurement Range mm	Reading mm/inch	Accuracy mm	Measuring Depth mm
892035	13828843	6-8	0,001 / 0,00005"	0,004	53,5
892036	13828844	8-10	0,001 / 0,00005"	0,004	53,5
892037	13828845	10-12	0,001 / 0,00005"	0,004	53,5
892038	13828846	12-16	0,001 / 0,00005"	0,004	80
892039	13828847	16-20	0,001 / 0,00005"	0,004	80
892040	13828848	20-25	0,001 / 0,00005"	0,004	90
892041	13828849	25-30	0,001 / 0,00005"	0,004	90
892042	13828850	30-40	0,001 / 0,00005"	0,004	97
892043	13828851	40-50	0,001 / 0,00005"	0,005	97
892044	13828852	50-63	0,001 / 0,00005"	0,005	114
892045	13828853	62-75	0,001 / 0,00005"	0,005	114
892046	13828854	75-88	0,001 / 0,00005"	0,005	114
892047	13828855	87-100	0,001 / 0,00005"	0,005	114
892048	13828856	100-125	0,001 / 0,00005"	0,005	145



## DTI BORE GAUGES

- Matt chrome finish
- With insulation handle
- Hardened contact points
- For quick and easy measuring of bores



Brand Ref.	MDM	Measurement Range mm	Reading mm	Accuracy mm	Measuring Depth mm
892050	13828857	10-18	0,01	0,012	100
892051	13828858	18-35	0,01	0,015	150
892052	13828859	35-50	0,01	0,018	150
892053	13828860	50-160	0,01	0,018	150

# DIAL INDICATORS AND STANDS

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# DIAL INDICATORS AND STANDS

## DIAL INDICATORS

- Solid brass housing
- Matt chrome finish
- Stem and spindle stainless
- Hardened and lapped
- For workshop use and calibration purposes



Brand Ref.	MDM	Measurement Range mm	Reading mm	Diameter mm
892055	13828861	0-10	0,01	58

## LEVER DIAL INDICATORS

- Metal housing
- Matt chrome finish
- Stem and spindle stainless
- Hardened and lapped
- For workshop use and calibration purposes



Brand Ref.	MDM	Measurement Range mm	Reading mm	Diameter mm
892057	13828862	0-0,8	0,01	32

## PROBE FOR DIAL INDICATOR

- Spare parts

Brand Ref.	MDM	Diameter mm
892059	13829251	2



## SPANNER FOR PROBES

- Spare parts

Brand Ref.	MDM	Type	Material
892060	13829253	Mounting Key	Plastic



## DIGITAL DIAL INDICATORS

- LCD display with clear reading
- Mechanical parts in stainless steel, hardened
- IP54 protection
- For workshop use and calibration purposes



Brand Ref.	MDM	Measurement Range mm	Reading mm	Accuracy mm	Diameter mm
892062	13828863	0-12,7	0,01	0,02	58

## DIGITAL LEVER DIAL INDICATORS

- LCD display with clear reading
- Mechanical parts in stainless steel, hardened
- IP65 protection
- For workshop use and calibration purposes



Brand Ref.	MDM	Measurement Range mm	Reading mm	Accuracy mm	Diameter mm
892064	13828864	0-0,8	0,01 / 0,0005"	0,013	45

## SLIDING BAR MAGNETIC STANDS

- Chromed stem
- With fine adjustment
- Magnetic base with On/Off-switch
- For all kind of measurements in various position



Brand Ref.	MDM	Magnetic Force KG	Base Dimension mm	Clamp Hole	Length of Arms
892067	13828866	80	58x50x55	8mm	176+150

## UNIVERSAL MAGNETIC STANDS

- Universal stand
- For all kind of measurements in various position



Brand Ref.	MDM	Magnetic Force KG	Base Dimension mm	Clamp Hole	Length of Arms
892066	13828865	80	60x50x55	8mm	212

# DIAL INDICATORS AND STANDS

## MINI UNIVERSAL MAGNETIC STANDS

- Chromed stem
- With fine adjustment
- Magnetic base with On/Off-switch
- For all kind of measurements in various position

Brand Ref.	MDM	Magnetic Force KG	Base Dimension mm	Clamp Hole	Length of Arms
892068	13828867	30	36x30x35	8mm	109



## UNIVERSAL MAGNETIC STANDS - LARGE

- Chromed stem
- With fine adjustment
- Magnetic base with On/Off-switch
- For all kind of measurements in various position

Brand Ref.	MDM	Magnetic Force KG	Base Dimension mm	Clamp Hole	Length of Arms
892069	13828868	80	60x50x55	8mm	245



## HYDRAULIC UNIVERSAL MAGNETIC STANDS

- All arms are aluminium alloy
- With fine adjustment
- Magnetic base with On/Off-switch
- For all kind of measurements in various position

Brand Ref.	MDM	Magnetic Force KG	Base Dimension mm	Clamp Hole	Length of Arms
892070	13828869	80	60x50x55	8mm	288





# HEIGHT GAUGES AND SURFACE PLATES

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VERNIER HEIGHT GAUGE

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DIGITAL HEIGHT GAUGE

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SURFACE PLATES

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SAFETY STANDS





12

TOL ON/OFF/PRE

22133

HOLD DP

ZERO/ABS

# HEIGHT GAUGES AND SURFACE PLATES

## VERNIER HEIGHT GAUGE

- Mechanical height gauge
- Easy read matt chrome finish scale
- With fine adjustment
- For standard workshop purposes

Brand Ref.	MDM	Measurement Range mm	Reading mm	Accuracy mm
892079	13829255	0-300	0,05	0,06
892080	13829256	0-600	0,05	0,1



## DIGITAL HEIGHT GAUGE

- LCD display with clear reading
- Stainless steel guideway
- With fine adjustment
- Dual read out mm and inch
- For standard workshop purposes

Brand Ref.	MDM	Measurement Range mm	Reading mm/inch	Accuracy mm	Data Output
892082	13829257	0-300	0,01 / 0,0005"	0,04	No
892083	13829258	0-600	0,01 / 0,0005"	0,05	No



## SURFACE PLATES

### Norms: DIN 876

- Granite measuring and control plate
- Grade 0
- Fine diamond lapped for control purposes
- Extreme hard and wear resistant and acid resistant



Brand Ref.	MDM	Dimensions mm	Class
892074	13828871	600x450x100	Grade 0
892075	13828872	1000x750x150	Grade 0

## SAFETY STANDS

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### Norms: DIN 876

- Solid angular steel construction
- Powder coated

Brand Ref.	MDM	Length mm	Width mm	Height mm
892076	13828873	600	450,0	790,0
892077	13828874	1000	750,0	790,0



# RULES AND SQUARES

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STAINLESS STEEL RULES

29

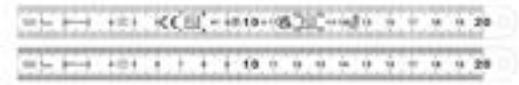
PRECISION SQUARE



## STAINLESS STEEL RULES - METRIC

### Norms: MID II

- Made of stainless steel
- Etched graduation for a clear reading
- Matt chromed, none glare surface



Brand Ref.	MDM	Length mm	Height mm	Thickness mm	Accuracy	Type
892303	13829298	100	13	0,5	Class II	Semi-rigid Rule
892305	13829299	150	13	0,5	Class II	Semi-rigid Rule
892306	13829300	200	13	0,5	Class II	Semi-rigid Rule
892307	13829301	250	13	0,5	Class II	Semi-rigid Rule
892308	13829302	300	13	0,5	Class II	Semi-rigid Rule
892310	13829303	500	25	0,5	Class II	Semi-rigid Rule
892311	13829304	1000	25	0,5	Class II	Semi-rigid Rule

## PRECISION SQUARE

### Norms: DIN 875/2

- Grade 2
- Stainless steel
- Fine ground
- With shoulder
- For standard machinery



Brand Ref.	MDM	Dimensions mm	Section	Accuracy
892296	13829046	75X50	15x5	Grade 2
892297	13829047	100X70	20x5	Grade 2
892298	13829048	150X100	25x5	Grade 2
892299	13829049	200X130	30x6	Grade 2
892300	13829050	250X165	35x7	Grade 2
892301	13829051	300X175	35x7	Grade 2

# SURFACE ROUGHNESS TESTERS

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SURFACE ROUGHNESS TESTER



## SURFACE ROUGHNESS TESTER

- Large OLED display with clear reading and with backlight
- Touch screen
- Selection of different parameters
- Fast and Accurate measurements
- Clear and direct roughness graphs
- Auto power off
- Premium PCS and software design
- Easy to operate
- High performance device
- For measurement of roughness parameters



Brand Ref.	MDM	Measurement Range	Reading mm	Reading	Admissible error
892072	13828870	0-160 $\mu$ m	0,01 $\mu$ m	"0,01 $\mu$ m/ $\pm$ 20 $\mu$ m 0,02 $\mu$ m/ $\pm$ 40 $\mu$ m 0,04 $\mu$ m/ $\pm$ 80 $\mu$ m 0,08 $\mu$ m/ $\pm$ 160 $\mu$ m"	< $\pm$ 10%

# GAUGES

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**FEELER GAUGES**

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**SCREW PITCH GAUGES**

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**RADIUS GAUGES**

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**CENTRE GAUGES**

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**WELDING GAUGES**





## FEELER GAUGES - STEEL

### Norms: DIN 2275

- Enclosed in a steel case
- Clearly marked for easy identification
- With hardened and polished taper blades
- Checking and adjusting spacing between machinery and tools



Brand Ref.	MDM	Range mm	Dimension mm	Number of Blades
891973	13828788	0,04-1,0	100	19

## FEELER GAUGES - STEEL

### Norms: DIN 2275

- Enclosed in a steel case
- Clearly marked for easy identification
- With hardened and polished taper blades
- Checking and adjusting spacing between machinery and tools



Brand Ref.	MDM	Range mm	Dimension mm	Number of Blades
891976	13828790	0,05-1,0	300	13

## FEELER GAUGES - STEEL

### Norms: DIN 2275

- Enclosed in a steel case
- Clearly marked for easy identification
- With hardened and polished taper blades
- Checking and adjusting spacing between machinery and tools



Brand Ref.	MDM	Range mm	Dimension mm	Number of Blades
891977	13828791	0,05-1,0	100	13
891978	13828792	0,05-1,0	100	20
891979	13828793	0,05-2,0	100	21

## FEELER GAUGES - STAINLESS STEEL

### Norms: DIN 2275

- Enclosed in a steel case
- Clearly marked for easy identification
- With stainless steel blades
- Checking and adjusting spacing between machinery and tools



Brand Ref.	MDM	Range mm	Dimension mm	Number of Blades
891980	13828794	0,05-1,0	100	20

## FEELER GAUGES - BRASS

### Norms: DIN 2275

- Enclosed in a steel case
- Clearly marked for easy identification
- For electrical services
- Anti-magnetic gauge
- Checking and adjusting spacing between machinery and tools



Brand Ref.	MDM	Range mm	Dimension mm	Number of Blades
891981	13828795	0,05-1,0	100	20

## SCREW PITCH GAUGES - METRIC

- Enclosed in a steel case for easy storage and portability
- Hardened and polished steel for increased durability
- Used for internal and external thread form measurements



Brand Ref.	MDM	Range mm	Screw Type	Number of Blades
891983	13828796	0,25-6	Metric 60°	24

## SCREW PITCH GAUGES - METRIC AND BSW

- Metric and Whitworth
- Enclosed in a steel case for easy storage and portability
- Hardened and polished steel for increased durability
- Used for internal and external thread form measurements



Brand Ref.	MDM	Measurement Range mm	Screw Type	Number of Blades
891984	13828797	0,25-6 / 4-62 TPI	Metric 60° / Whitworth 55°	52

## SCREW PITCH GAUGES - GAZ

- Enclosed in a steel case for easy storage and portability
- Hardened and polished steel for increased durability
- Used for internal and external thread form measurements



Brand Ref.	MDM	Measurement Range mm	Screw Type	Number of Blades
891985	13828798	8-28 TPI	GAZ 55°	6

## SCREW PITCH GAUGES - UNC

- Enclosed in a steel case for easy storage and portability
- Hardened and polished steel for increased durability
- Used for internal and external thread form measurements



Brand Ref.	MDM	Measurement Range mm	Screw Type	Number of Blades
891986	13828799	4-64 TPI	US 60° UNC	22

## RADIUS GAUGES

- Concave and convex shape blades
- Precision form
- Enclosed in a steel case for easy storage and portability
- Hardened and polished steel for increased durability
- Used to measure internal and external radius



Brand Ref.	MDM	Measurement Range mm	Number of Blades
891988	13828800	1-7	34
891989	13828801	7,5-15	32
891990	13828802	15,5-25	30

## CENTRE GAUGES

- Made of stainless steel
- Suitable for craftsmen and industry



Brand Ref.	MDM	Angle °
891991	13828803	60
891992	13828804	55

## WELDING GAUGES

- For angle 60°, 70°, 80°, 90°
- Made of stainless steel
- Satin chrome scale
- Used for inspect flat welded seams and corners



Brand Ref.	MDM	Measurement Range mm	Reading mm	Accuracy mm
891994	13828805	0-20	0,1	0,3

# PLUG & RING GAUGES AND GAUGE BLOCKS

**40**

**SMOOTH PLUG GAUGES**

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**SCREW PLUG GAUGES**

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**SCREW PLUG GAUGES SETS**

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**SMOOTH RING GAUGES**

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**SCREW RING GAUGES**

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**GAUGE BLOCKS**



# PLUG & RING GAUGES AND GAUGE BLOCKS

## SMOOTH PLUG GAUGES - METRIC

### Norms: DIN 2245

- Hardened steel, precision ground and lapped
- With „Go“ and „No-Go“ side
- Dimensions for bores and shafts



Brand Ref.	MDM	Tolerance	Diameter
892085	13828875	H7	1
892086	13828876	H7	1,5
892087	13828877	H7	2
892088	13828878	H7	2,5
892089	13828879	H7	3
892090	13828880	H7	3,5
892091	13828881	H7	4
892092	13828882	H7	4,5
892093	13828883	H7	5
892094	13828884	H7	5,5
892095	13828885	H7	6
892096	13828886	H7	7
892097	13828887	H7	8
892098	13828888	H7	9
892099	13828889	H7	10
892100	13828890	H7	11
892101	13828891	H7	12
892102	13828892	H7	13
892103	13828893	H7	14
892104	13828894	H7	15
892105	13828895	H7	16
892106	13828896	H7	17
892107	13828897	H7	18
892108	13828898	H7	19



Brand Ref.	MDM	Tolerance	Diameter
892109	13828899	H7	20
892110	13828900	H7	21
892111	13828901	H7	22
892112	13828902	H7	23
892113	13828903	H7	24
892114	13828904	H7	25
892115	13828905	H7	26
892116	13828906	H7	27
892117	13828907	H7	28
892118	13828908	H7	30
892119	13828909	H7	32
892120	13828910	H7	33
892121	13828912	H7	34
892122	13828913	H7	35
892123	13828914	H7	36
892124	13828915	H7	37
892125	13828916	H7	38
892126	13828917	H7	40
892127	13828918	H7	42
892128	13828919	H7	44
892129	13828920	H7	45
892130	13828921	H7	46
892131	13828922	H7	47
892132	13828923	H7	48

Brand Ref.	MDM	Tolerance	Diameter
892133	13828924	H7	50
892134	13828925	H7	52
892135	13828926	H7	55
892136	13828927	H7	58
892137	13828928	H7	60
892138	13828929	H7	62
892139	13828930	H7	65
892140	13828931	H7	68
892141	13828932	H7	70
892142	13828933	H7	72
892143	13828934	H7	75
892144	13828935	H7	78
892145	13828936	H7	80
892146	13828937	H7	82
892147	13828938	H7	85
892148	13828939	H7	88
892149	13828940	H7	90
892150	13828941	H7	92
892151	13828942	H7	95
892152	13828943	H7	100

# PLUG & RING GAUGES AND GAUGE BLOCKS

## SCREW PLUG GAUGES - METRIC THREAD

### Norms: DIN 13

- Threaded plug gauge
- Hardened steel and precision ground
- With „Go“ and „No-Go“ side
- Dimensions for thread



Brand Ref.	MDM	Tolerance	Diameter
892154	13829260	6H	M1,6X0,35
892155	13829261	6H	M2X0,40
892156	13829262	6H	M2,5X0,45
892157	13829263	6H	M3X0,50
892158	13829265	6H	M4X0,70
892159	13829266	6H	M5X0,80
892160	13829267	6H	M6X1,00
892161	13829268	6H	M7X1,00
892162	13829270	6H	M8X1,25
892163	13829271	6H	M9X1,25
892164	13829272	6H	M10X1,50
892165	13829273	6H	M11X1,50
892166	13829275	6H	M12X1,75
892167	13829276	6H	M14X2,00
892168	13829277	6H	M16X2,00
892169	13829279	6H	M18X2,50
892170	13829280	6H	M20X2,50
892171	13829281	6H	M22X2,50
892172	13829282	6H	M24X3,00
892173	13829283	6H	M27X3,00
892174	13829284	6H	M30X3,50

## SCREW PLUG GAUGES SETS

### Norms: DIN 13

- Threaded plug gauge
- Hardened steel and precision ground
- With „Go“ and „No-Go“ side
- Dimensions for thread



Brand Ref.	MDM	Tolerance	Diameter
892175	13828944	6H	M3/M4/M5/M6/M8/M10/M12

## SCREW PLUG GAUGES - METRIC FINE THREAD

### Norms: DIN 13

- Threaded plug gauges
- Hardened steel and precision ground
- With „Go“ and „No-Go“ side
- Dimensions for thread



Brand Ref.	MDM	Tolerance	Diameter
892176	13829285	6H	MF6X0,75
892177	13829286	6H	MF8X0,75
892178	13829287	6H	MF8X1,00
892179	13829288	6H	MF10X1,00
892180	13829289	6H	MF12X1,00
892181	13829290	6H	MF12X1,50
892182	13829291	6H	MF14X1,50
892183	13829292	6H	MF16X1,50
892184	13829293	6H	MF20X1,50

## SMOOTH RING GAUGES

### Norms: DIN 2250C

- Precision ring gauge
- Hardened steel, ground and lapped
- Dimensions for diameter



Brand Ref.	MDM	Nominal Diameter mm	Nominal Diameter Inch	Tolerance	Use
892186	13828945	3,0	3	0,001	Type C
892187	13828946	3,5	3,5	0,001	Type C
892188	13828947	4,0	4	0,00125	Type C
892189	13828948	4,5	4,5	0,00125	Type C
892190	13828949	5,0	5	0,00125	Type C
892191	13828950	5,5	5,5	0,00125	Type C
892192	13828951	6,0	6	0,00125	Type C
892193	13828952	7,0	7	0,00125	Type C
892194	13828953	8,0	8	0,00125	Type C

# PLUG & RING GAUGES AND GAUGE BLOCKS

Brand Ref.	MDM	Nominal Diameter mm	Nominal Diameter Inch	Tolerance	Use
892195	13828954	9,0	9	0,00125	Type C
892196	13828955	10,0	10	0,00125	Type C
892197	13828956	11,0	11	0,0015	Type C
892198	13828957	12,0	12	0,0015	Type C
892199	13828958	13,0	13	0,0015	Type C
892200	13828959	14,0	14	0,0015	Type C
892201	13828960	15,0	15	0,0015	Type C
892202	13828961	16,0	16	0,0015	Type C
892203	13828962	17,0	17	0,0015	Type C
892204	13828963	18,0	18	0,0015	Type C
892205	13828964	19,0	19	0,002	Type C
892206	13828965	20,0	20	0,002	Type C
892207	13828966	21,0	21	0,002	Type C
892208	13828967	22,0	22	0,002	Type C
892209	13828968	23,0	23	0,002	Type C
892210	13828969	24,0	24	0,002	Type C
892211	13828970	25,0	25	0,002	Type C
892212	13828971	26,0	26	0,002	Type C
892213	13828972	27,0	27	0,002	Type C
892214	13828973	28,0	28	0,002	Type C
892215	13828974	30,0	30	0,002	Type C
892216	13828975	32,0	32	0,002	Type C
892217	13828976	33,0	33	0,002	Type C
892218	13828977	34,0	34	0,002	Type C
892219	13828978	35,0	35	0,002	Type C
892220	13828979	36,0	36	0,002	Type C
892221	13828980	37,0	37	0,002	Type C
892222	13828981	38,0	38	0,002	Type C
892223	13828982	40,0	40	0,002	Type C
892224	13828983	42,0	42	0,002	Type C
892225	13828984	44,0	44	0,002	Type C
892226	13828985	45,0	45	0,002	Type C
892227	13828986	46,0	46	0,002	Type C
892228	13828987	47,0	47	0,002	Type C
892229	13828988	48,0	48	0,002	Type C
892230	13828989	50,0	50	0,002	Type C

## SCREW RING GAUGES - METRIC

### Norms: DIN 13

- Thread ring gauge
- Hardened steel, ground and lapped with metric „Go“ and „No-Go“ thread rings
- Dimensions for thread



Brand Ref.	MDM	Nominal Diameter mm	Tolerance	Use
892232	13828990	M1,6X0,35	6G	GO
892233	13828991	M1,6X0,35	6G	NO GO
892234	13829294	M2X0,40	6G	GO
892235	13829295	M2X0,40	6G	NO GO
892236	13829296	M2,5X0,45	6G	GO
892238	13829297	M2,5X0,45	6G	NO GO
892239	13828992	M3X0,50	6G	GO
892240	13828993	M3X0,50	6G	NO GO
892241	13828994	M4X0,70	6G	GO
892242	13828995	M4X0,70	6G	NO GO
892244	13828996	M5X0,80	6G	GO
892245	13828997	M5X0,80	6G	NO GO
892246	13828998	M6X1,00	6G	GO
892247	13828999	M6X1,00	6G	NO GO
892248	13829000	M7X1,00	6G	GO
892249	13829001	M7X1,00	6G	NO GO
892250	13829002	M8X1,25	6G	GO
892251	13829003	M8X1,25	6G	NO GO
892252	13829004	M9X1,25	6G	GO
892253	13829005	M9X1,25	6G	NO GO
892254	13829006	M10X1,50	6G	GO

Brand Ref.	MDM	Nominal Diameter mm	Tolerance	Use
892255	13829007	M10X1,50	6G	NO GO
892256	13829008	M11X1,50	6G	GO
892257	13829009	M11X1,50	6G	NO GO
892258	13829010	M12X1,75	6G	GO
892259	13829011	M12X1,75	6G	NO GO
892260	13829012	M14X2,00	6G	GO
892261	13829013	M14X2,00	6G	NO GO
892262	13829014	M16X2,00	6G	GO
892263	13829015	M16X2,00	6G	NO GO
892264	13829016	M18X2,50	6G	GO
892265	13829017	M18X2,50	6G	NO GO
892266	13829018	M20X2,50	6G	GO
892267	13829019	M20X2,50	6G	NO GO
892268	13829020	M22X2,50	6G	GO
892270	13829021	M22X2,50	6G	NO GO
892271	13829022	M24X3,00	6G	GO
892272	13829023	M24X3,00	6G	NO GO
892273	13829024	M27X3,00	6G	GO
892274	13829025	M27X3,00	6G	NO GO
892275	13829026	M30X3,50	6G	GO
892276	13829027	M30X3,50	6G	NO GO

# PLUG & RING GAUGES AND GAUGE BLOCKS

## SCREW RING GAUGES - METRIC FINE THREAD

### Norms: DIN 13

- Thread ring gauge
- Hardened steel, ground and lapped with metric fine „Go“ and „No-Go“ thread rings
- Dimensions for thread



Brand Ref.	MDM	Nominal Diameter mm	Tolerance	Use
892277	13829028	MF6X0,75	6G	GO
892278	13829029	MF6X0,75	6G	NO GO
892279	13829030	MF8X0,75	6G	GO
892280	13829031	MF8X0,75	6G	NO GO
892281	13829032	MF8X1,00	6G	GO
892282	13829033	MF8X1,00	6G	NO GO
892283	13829034	MF10X1,00	6G	GO
892284	13829035	MF10X1,00	6G	NO GO
892285	13829036	MF12X1,00	6G	GO
892286	13829037	MF12X1,00	6G	NO GO
892287	13829038	MF12X1,50	6G	GO
892288	13829039	MF12X1,50	6G	NO GO
892289	13829040	MF14X1,50	6G	GO
892290	13829041	MF14X1,50	6G	NO GO
892291	13829042	MF16X1,50	6G	GO
892292	13829043	MF16X1,50	6G	NO GO
892293	13829044	MF20X1,50	6G	GO
892294	13829045	MF20X1,50	6G	NO GO

## SLIP GAUGE BLOCK SET - STEEL

### Norms: DIN EN ISO 3650

- Made of specially alloyed, particularly cured and relaxed special steel
- Each gauge block is marked with an identification number
- Suitable for use in measurement and test room



Brand Ref.	MDM	Number of Elements	Measurement Range	Tolerance
892313	13829052	47	1,005-100	Grade 2
892314	13829053	87	1,001-100	Grade 2
892315	13829054	112	1,0005-100	Grade 2

## SLIP GAUGE BLOCK SET - CERAMIC

### Norms: DIN EN ISO 3650

- Made of zirconia ceramic, best ceramic quality
- High thermal stability
- High resistance to knocks and drops
- Each gauge block is marked with an identification number
- Suitable for use in measurement and test room



Brand Ref.	MDM	Number of Elements	Measurement Range	Tolerance
892317	13829055	47	1,005-100	Grade 1
892318	13829056	87	1,001-100	Grade 1

# QUALITY

**Our metrology products range follow a rigorous quality process at all key stages of the development.**

- Factories are audited on their quality management system and production process
- Social audits are also conducted to ensure that products are manufactured in compliance with applicable laws regarding working conditions
- Products are controlled at different stages of the manufacturing process and pre-shipment inspections are carried out by specialised independent organisations





# EU CALIBRATION AND REPAIR CENTER



Benefit from our many years of experience in calibration and repair of measuring tools.

Rubix calibrates, repairs and performs measurement work with specific and standard equipment.

We can calibrate and repair measuring instruments in-house according to RvA and DAkkS (Deutsche Akkreditierungsstelle) guidelines for various measuring instruments in accordance with DIN EN ISO/IEC 17025:2017.

By having the measuring tools checked by our calibration and repair laboratory, you save time and money. Adjustment, testing and calibration from a single source ensure that your measuring tools are in perfect condition.

## Overview of services:

- Visual and functional test
- Dismantling and cleaning
- Replacement of the defect parts
- Assembly with function test
- Calibration if desired



## Any questions?

We are happy to help.

Email address: [calibratie-bnl@rubix.com](mailto:calibratie-bnl@rubix.com)

Website: [Rubix \(toolingcenterbenelux.nl\)](http://Rubix(toolingcenterbenelux.nl))

# RUBIX CODE CONVERSION TABLE

Rubix Code	MDM Code	UK (GB)
891940	13828764	2517138
891941	13828765	2517137
891942	13828766	2503934
891943	13828767	2503933
891945	13828768	2517136
891946	13828769	2503932
891947	13828770	2503931
891948	13828771	2503930
891950	13828772	2503929
891951	13828773	2503928
891952	13828774	2503927
891954	13828775	2503926
891955	13828776	2503925
891956	13828777	2503924
891957	13828778	2503923
891959	13828779	2503922
891961	13828780	2503918
891963	13828781	2503917
891965	13828782	2503916
891966	13828783	2503915
891967	13828784	2503914
891969	13828785	2503913
891970	13828786	2503912
891971	13828787	2503911
891973	13828788	2517135
891976	13828790	2517134
891977	13828791	2517133
891978	13828792	2517132
891979	13828793	2517131
891980	13828794	2517130
891981	13828795	2517129
891983	13828796	2517128
891984	13828797	2517127
891985	13828798	2517126
891986	13828799	2517125
891988	13828800	2517124
891989	13828801	2517123
891990	13828802	2517122
891991	13828803	2517121
891992	13828804	2517120
891994	13828805	2517119
891996	13828806	2503909
891997	13828807	2503908
891998	13828808	2503907
891999	13828809	2503906
892000	13828810	2503905
892001	13828811	2503904
892002	13828812	2503903
892003	13828813	2503902
892004	13828814	2503900
892005	13828815	2503899
892006	13828816	2503898
892007	13828817	2503897
892009	13828818	2503896
892010	13828819	2503895
892011	13828820	2503894
892012	13828822	2503893
892014	13828823	2503892
892015	13828824	2503891
892016	13828825	2503890
892017	13828826	2503889
892018	13828827	2503888
892019	13828828	2503887
892020	13828829	2503886
892021	13828830	2503885
892022	13828831	2503884
892023	13828832	2503883
892024	13828833	2503882
892025	13828834	2503881
892026	13828835	2503880
892027	13828836	2503879
892028	13828837	2503878
892029	13828838	2503877
892030	13828839	2503876
892031	13828840	2503875
892032	13828841	2503874
892033	13828842	2503873
892035	13828843	2503872
892036	13828844	2503871
892037	13828845	2503870
892038	13828846	2503869
892039	13828847	2503868
892040	13828848	2503867
892041	13828849	2503866
892042	13828850	2503865

Rubix Code	MDM Code	UK (GB)
892043	13828851	2503864
892044	13828852	2503863
892045	13828853	2503862
892046	13828854	2503861
892047	13828855	2503860
892048	13828856	2503859
892050	13828857	2503858
892051	13828858	2503857
892052	13828859	2503856
892053	13828860	2503855
892055	13828861	2517118
892057	13828862	2517117
892059	13829251	2517110
892060	13829253	2517109
892062	13828863	2503854
892064	13828864	2503853
892066	13828865	2517116
892067	13828866	2517115
892068	13828867	2517114
892069	13828868	2517113
892070	13828869	2503852
892072	13828870	2503851
892074	13828871	2503850
892075	13828872	2503849
892076	13828873	2503848
892077	13828874	2503847
892079	13829255	2503658
892080	13829256	2503657
892082	13829257	2503656
892083	13829258	2517108
892085	13828875	2503846
892086	13828876	2503845
892087	13828877	2503844
892088	13828878	2503843
892089	13828879	2503842
892090	13828880	2503841
892091	13828881	2503840
892092	13828882	2503839
892093	13828883	2503838
892094	13828884	2503836
892095	13828885	2503834
892096	13828886	2503833
892097	13828887	2503832
892098	13828888	2503831
892099	13828889	2503830
892100	13828890	2503829
892101	13828891	2503828
892102	13828892	2503827
892103	13828893	2503826
892104	13828894	2503825
892105	13828895	2503824
892106	13828896	2503823
892107	13828897	2503822
892108	13828898	2503821
892109	13828899	2503820
892110	13828900	2503819
892111	13828901	2503818
892112	13828902	2503817
892113	13828903	2503816
892114	13828904	2503815
892115	13828905	2503814
892116	13828906	2503813
892117	13828907	2503812
892118	13828908	2503811
892119	13828909	2503810
892120	13828910	2503809
892121	13828912	2503808
892122	13828913	2503807
892123	13828914	2503806
892124	13828915	2503805
892125	13828916	2503804
892126	13828917	2503803
892127	13828918	2503802
892128	13828919	2503801
892129	13828920	2503800
892130	13828921	2503799
892131	13828922	2503798
892132	13828923	2503797
892133	13828924	2503796
892134	13828925	2503795
892135	13828926	2503794
892136	13828927	2503793
892137	13828928	2503792
892138	13828929	2503791
892139	13828930	2503790

Rubix Code	MDM Code	UK (GB)
892140	13828931	2503789
892141	13828932	2503788
892142	13828933	2503787
892143	13828934	2503786
892144	13828935	2503785
892145	13828936	2503784
892146	13828937	2503783
892147	13828938	2503782
892148	13828939	2503781
892149	13828940	2503780
892150	13828941	2503779
892151	13828942	2503778
892152	13828943	2503777
892154	13829260	2503655
892155	13829261	2503654
892156	13829262	2503653
892157	13829263	2503652
892158	13829265	2503651
892159	13829266	2503650
892160	13829267	2503649
892161	13829268	2503648
892162	13829270	2503647
892163	13829271	2503646
892164	13829272	2503645
892165	13829273	2503644
892166	13829275	2503643
892167	13829276	2503642
892168	13829277	2503641
892169	13829279	2503640
892170	13829280	2503638
892171	13829281	2503637
892172	13829282	2503636
892173	13829283	2503635
892174	13829284	2503634
892175	13828944	2503776
892176	13829285	2503633
892177	13829286	2503632
892178	13829287	2503631
892179	13829288	2503630
892180	13829289	2503629
892181	13829290	2503628
892182	13829291	2503627
892183	13829292	2503626
892184	13829293	2503624
892186	13828945	2503775
892187	13828946	2503774
892188	13828947	2503773
892189	13828948	2503772
892190	13828949	2503771
892191	13828950	2503770
892192	13828951	2503769
892193	13828952	2503768
892194	13828953	2503767
892195	13828954	2503766
892196	13828955	2503765
892197	13828956	2503764
892198	13828957	2503763
892199	13828958	2503762
892200	13828959	2503761
892201	13828960	2503760
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892207	13828966	2503754
892208	13828967	2503753
892209	13828968	2503752
892210	13828969	2503751
892211	13828970	2503750
892212	13828971	2503749
892213	13828972	2503748
892214	13828973	2503747
892215	13828974	2503746
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892217	13828976	2503744
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892220	13828979	2503741
892221	13828980	2503740
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Rubix Code	MDM Code	UK (GB)
892226	13828985	2503735
892227	13828986	2503734
892228	13828987	2503733
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892239	13828992	2503728
892240	13828993	2503727
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892248	13829000	2503715
892249	13829001	2503714
892250	13829002	2503713
892251	13829003	2503712
892252	13829004	2503711
892253	13829005	2503709
892254	13829006	2503708
892255	13829007	2503707
892256	13829008	2503706
892257	13829009	2503705
892258	13829010	2503704
892259	13829011	2503703
892260	13829012	2503702
892261	13829013	2503701
892262	13829014	2503700
892263	13829015	2503699
892264	13829016	2503698
892265	13829017	2503697
892266	13829018	2503696
892267	13829019	2503695
892268	13829020	2503694
892270	13829021	2503693
892271	13829022	2503692
892272	13829023	2503691
892273	13829024	2503690
892274	13829025	2503689
892275	13829026	2503688
892276	13829027	2503687
892277	13829028	2503686
892278	13829029	2503685
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892284	13829035	2503679
892285	13829036	2503678
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892287	13829038	2503676
892288	13829039	2503675
892289	13829040	2503674
892290	13829041	2503673
892291	13829042	2503672
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892293	13829044	2503669
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892298	13829048	2503665
892299	13829049	2517112
892300	13829050	2503664
892301	13829051	2503663
892303	13829298	2517107
892305	13829299	2517106
892306	13829300	2517105
892307	13829301	2517104
892308	13829302	2517103
892310	13829303	2517102
892311	13829304	2517101
892313	13829052	2517111
892314	13829053	2503662
892315	13829054	2503661
892317	13829055	2503660
892318	13829056	2503659

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