

Parallel Gauge Blocks



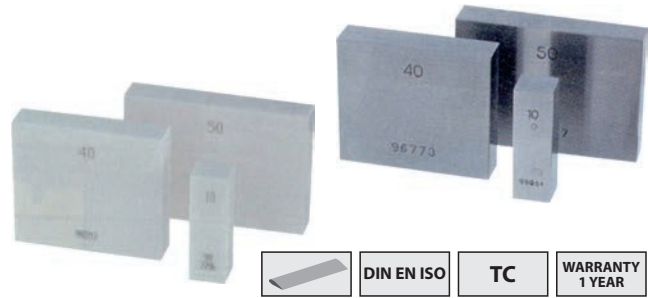
Parallel Gauge Blocks, individual

DIN EN ISO 3650

- from specially alloyed, particularly cured and relaxed special steel or of zirconia ceramic (best ceramic grade)
- ceramic gauge blocks are particularly suitable for the measurement chamber and test room
- each gauge block is marked with an identification number

Options

- art.-no. 3594001 calibration certificate, traceable to national standards
- gauge blocks made of tungsten carbide available on request



size = nominal size mm	ART NO	ART NO	ART NO	ART NO	size = nominal size mm	ART NO	ART NO	ART NO	ART NO
	steel	ceramic	steel	ceramic		steel	ceramic	steel	ceramic
	tolerance class 0	tolerance class 0	tolerance class 1	tolerance class 1		tolerance class 0	tolerance class 0	tolerance class 1	tolerance class 1
0.50	350200-050	350201-050	350210-050	350211-050	1.48	350200-148	350201-148	350210-148	350211-148
1.000	350200-1000	350201-1000	350210-1000	350211-1000	1.49	350200-149	350201-149	350210-149	350211-149
1.0005	350200-10005	350201-10005	350210-10005	350211-10005	1.50	350200-150	350201-150	350210-150	350211-150
1.001	350200-1001	350201-1001	350210-1001	350211-1001	1.60	350200-160	350201-160	350210-160	350211-160
1.002	350200-1002	350201-1002	350210-1002	350211-1002	1.70	350200-170	350201-170	350210-170	350211-170
1.003	350200-1003	350201-1003	350210-1003	350211-1003	1.80	350200-180	350201-180	350210-180	350211-180
1.004	350200-1004	350201-1004	350210-1004	350211-1004	1.90	350200-190	350201-190	350210-190	350211-190
1.005	350200-1005	350201-1005	350210-1005	350211-1005	2.00	350200-200	350201-200	350210-200	350211-200
1.006	350200-1006	350201-1006	350210-1006	350211-1006	2.50	350200-250	350201-250	350210-250	350211-250
1.007	350200-1007	350201-1007	350210-1007	350211-1007	3.00	350200-300	350201-300	350210-300	350211-300
1.008	350200-1008	350201-1008	350210-1008	350211-1008	3.50	350200-350	350201-350	350210-350	350211-350
1.009	350200-1009	350201-1009	350210-1009	350211-1009	4.00	350200-400	350201-400	350210-400	350211-400
1.01	350200-101	350201-101	350210-101	350211-101	4.50	350200-450	350201-450	350210-450	350211-450
1.02	350200-102	350201-102	350210-102	350211-102	5.00	350200-500	350201-500	350210-500	350211-500
1.03	350200-103	350201-103	350210-103	350211-103	5.50	350200-550	350201-550	350210-550	350211-550
1.04	350200-104	350201-104	350210-104	350211-104	6.00	350200-600	350201-600	350210-600	350211-600
1.05	350200-105	350201-105	350210-105	350211-105	6.50	350200-650	350201-650	350210-650	350211-650
1.06	350200-106	350201-106	350210-106	350211-106	7.00	350200-700	350201-700	350210-700	350211-700
1.07	350200-107	350201-107	350210-107	350211-107	7.50	350200-750	350201-750	350210-750	350211-750
1.08	350200-108	350201-108	350210-108	350211-108	8.00	350200-800	350201-800	350210-800	350211-800
1.09	350200-109	350201-109	350210-109	350211-109	8.50	350200-850	350201-850	350210-850	350211-850
1.10	350200-110	350201-110	350210-110	350211-110	9.00	350200-900	350201-900	350210-900	350211-900
1.11	350200-111	350201-111	350210-111	350211-111	9.50	350200-950	350201-950	350210-950	350211-950
1.12	350200-112	350201-112	350210-112	350211-112	10.00	350200-1000	350201-1000	350210-1000	350211-1000
1.13	350200-113	350201-113	350210-113	350211-113	10.50	350200-1050	350201-1050	350210-1050	350211-1050
1.14	350200-114	350201-114	350210-114	350211-114	11.00	350200-1100	350201-1100	350210-1100	350211-1100
1.15	350200-115	350201-115	350210-115	350211-115	11.50	350200-1150	350201-1150	350210-1150	350211-1150
1.16	350200-116	350201-116	350210-116	350211-116	12.00	350200-1200	350201-1200	350210-1200	350211-1200
1.17	350200-117	350201-117	350210-117	350211-117	12.50	350200-1250	350201-1250	350210-1250	350211-1250
1.18	350200-118	350201-118	350210-118	350211-118	13.00	350200-1300	350201-1300	350210-1300	350211-1300
1.19	350200-119	350201-119	350210-119	350211-119	13.50	350200-1350	350201-1350	350210-1350	350211-1350
1.20	350200-120	350201-120	350210-120	350211-120	14.00	350200-1400	350201-1400	350210-1400	350211-1400
1.21	350200-121	350201-121	350210-121	350211-121	14.50	350200-1450	350201-1450	350210-1450	350211-1450
1.22	350200-122	350201-122	350210-122	350211-122	15.00	350200-1500	350201-1500	350210-1500	350211-1500
1.23	350200-123	350201-123	350210-123	350211-123	15.50	350200-1550	350201-1550	350210-1550	350211-1550
1.24	350200-124	350201-124	350210-124	350211-124	16.00	350200-1600	350201-1600	350210-1600	350211-1600
1.25	350200-125	350201-125	350210-125	350211-125	16.50	350200-1650	350201-1650	350210-1650	350211-1650
1.26	350200-126	350201-126	350210-126	350211-126	17.00	350200-1700	350201-1700	350210-1700	350211-1700
1.27	350200-127	350201-127	350210-127	350211-127	17.50	350200-1750	350201-1750	350210-1750	350211-1750
1.28	350200-128	350201-128	350210-128	350211-128	18.00	350200-1800	350201-1800	350210-1800	350211-1800
1.29	350200-129	350201-129	350210-129	350211-129	18.50	350200-1850	350201-1850	350210-1850	350211-1850
1.30	350200-130	350201-130	350210-130	350211-130	19.00	350200-1900	350201-1900	350210-1900	350211-1900
1.31	350200-131	350201-131	350210-131	350211-131	19.50	350200-1950	350201-1950	350210-1950	350211-1950
1.32	350200-132	350201-132	350210-132	350211-132	20.00	350200-2000	350201-2000	350210-2000	350211-2000
1.33	350200-133	350201-133	350210-133	350211-133	21.00	350200-2100	350201-2100	350210-2100	350211-2100
1.34	350200-134	350201-134	350210-134	350211-134	22.00	350200-2200	350201-2200	350210-2200	350211-2200
1.35	350200-135	350201-135	350210-135	350211-135	23.00	350200-2300	350201-2300	350210-2300	350211-2300
1.36	350200-136	350201-136	350210-136	350211-136	24.00	350200-2400	350201-2400	350210-2400	350211-2400
1.37	350200-137	350201-137	350210-137	350211-137	25.00	350200-2500	350201-2500	350210-2500	350211-2500
1.38	350200-138	350201-138	350210-138	350211-138	30.00	350200-3000	350201-3000	350210-3000	350211-3000
1.39	350200-139	350201-139	350210-139	350211-139	40.00	350200-4000	350201-4000	350210-4000	350211-4000
1.40	350200-140	350201-140	350210-140	350211-140	41.30	350200-4130	350201-4130	350210-4130	350211-4130
1.41	350200-141	350201-141	350210-141	350211-141	50.00	350200-5000	350201-5000	350210-5000	350211-5000
1.42	350200-142	350201-142	350210-142	350211-142	60.00	350200-6000	350201-6000	350210-6000	350211-6000
1.43	350200-143	350201-143	350210-143	350211-143	70.00	350200-7000	350201-7000	350210-7000	350211-7000
1.44	350200-144	350201-144	350210-144	350211-144	80.00	350200-8000	350201-8000	350210-8000	350211-8000
1.45	350200-145	350201-145	350210-145	350211-145	90.00	350200-9000	350201-9000	350210-9000	350211-9000
1.46	350200-146	350201-146	350210-146	350211-146	100.00	350200-10000	350201-10000	350210-10000	350211-10000
1.47	350200-147	350201-147	350210-147	350211-147	-	-	-	-	-

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Steel Parallel Gauge Block Sets

★★★★★
BLUE-LINE® Parallel Gauge Block Set
 DIN EN ISO 3650

- for standard use in workshop area and at the machine
- made of specially alloyed, particularly cured and relaxed special steel
- each gauge block is marked with an identification number
- calibration certificate available by extra charge



ART NO	tolerance class	quantity per set	pcs.	nominal size mm	steps mm	KG	ART NO CC
351001	0	32	1	1.005	-	1.500	3594032
351011	1		9	1.01 - 1.09	0.01		3594032
351021	2		9	1.1 - 1.9	0.1		3594032
			9	1.0 - 9.0	1.0		
			4	10 / 20 / 30 / 50	-		
351002	0	47	1	1.005	-	3.300	3594047
351012	1		19	1.01 - 1.19	0.01		3594047
351022	2		8	1.2 - 1.9	0.1		3594047
			9	1.0 - 9.0	1.0		
			10	10 - 100	10.0		
351003	0	87	9	1.001 - 1.009	0.001	3.800	3594087
351013	1		49	1.01 - 1.49	0.01		3594087
351023	2		19	0.5 - 9.5	0.5		3594087
			10	10 - 100	10.0		
351004	0	103	1	1.005	-	4.600	3594103
351014	1		49	1.01 - 1.49	0.01		3594103
351024	2		49	0.5 - 24.5	0.5		
			4	25 - 100	25.0		

★★★★★
BLUE-LINE® Rectangular Gauge Block Set
 DIN EN ISO 3650

- suitable for use in measurement and test room
- made of specially alloyed, particularly cured and relaxed special steel
- each gauge block is marked with an identification number
- calibration certificate available by extra charge



ART NO	tolerance class	quantity per set	nominal size mm	KG	ART NO CC
350180	0	8	125 / 150 / 175 / 200 / 250 / 300 / 400 / 500	7.000	3594080
350181	1	8	125 / 150 / 175 / 200 / 250 / 300 / 400 / 500	7.000	3594080
350183	0	5	600 / 700 / 800 / 900 / 1000	18.000	3594081
350184	1	5	600 / 700 / 800 / 900 / 1000	18.000	3594081

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Steel Parallel Gauge Block Sets



Parallel Gauge Block Set

DIN EN ISO 3650

- suitable for use in measurement and test room
- made of specially alloyed, particularly cured and relaxed special steel
- each gauge block is marked with an identification number
- calibration certificate available by extra charge

Tungsten carbide sets available on request!



ART NO	tolerance class	quantity per set	pcs.	nominal size mm	steps mm	KG	ART NO CC
350001	0	32	1	1.005	-	1.500	3594032
350011	1		9	1.01 - 1.09	0.01		3594032
350021	2		9	1.1 - 1.9	0.1		3594032
			9	1.0 - 9.0	1.0		
			4	10 / 20 / 30 / 50	-		
350002	0	47	1	1.005	-	3.300	3594047
350012	1		19	1.01 - 1.19	0.01		3594047
350022	2		8	1.2 - 1.9	0.1		3594047
			9	1.0 - 9.0	1.0		
			10	10 - 100	10.0		
350003	0	87	9	1.001 - 1.009	0.001	3.800	3594087
350013	1		49	1.01 - 1.49	0.01		3594087
350023	2		19	0.5 - 9.5	0.5		3594087
			10	10 - 100	10.0		
350004	0	103	1	1.005	-	4.600	3594103
350014	1		49	1.01 - 1.49	0.01		3594103
350024	2		49	0.5 - 24.5	0.5		3594103
			4	25 - 100	25.0		
350005	0	112	1	1.0005	-	4.680	3594112
350015	1		9	1.001 - 1.009	0.001		3594112
350025	2		49	1.01 - 1.49	0.01		3594112
			49	0.5 - 24.5	0.5		
			4	10 - 100	25.0		



Rectangular Gauge Block Set

DIN EN ISO 3650

- suitable for use in measurement and test room
- made of specially alloyed, particularly cured and relaxed special steel
- each gauge block is marked with an identification number
- calibration certificate available by extra charge



ART NO	tolerance class	quantity per set	nominal size mm	KG	ART NO CC
350185	0	8	125 / 150 / 175 / 200 / 250 / 300 / 400 / 500	7.000	3594080
350186	1	8	125 / 150 / 175 / 200 / 250 / 300 / 400 / 500	7.000	3594080
350187	0	5	600 / 700 / 800 / 900 / 1000	18.000	3594081
350188	1	5	600 / 700 / 800 / 900 / 1000	18.000	3594081

Ceramic Parallel Gauge Block Sets



Ceramic Parallel Gauge Block Set

DIN EN ISO 3650

- suitable for use in measurement and test room
- made of zirconia ceramic, best ceramic quality
- up to 50-fold higher wear resistance than steel
- high thermal stability
- high resistance to knocks and drops
- does not burr easily and high corrosion resistant
- each gauge block is marked with an identification number
- calibration certificate available by extra charge

Other set combinations available on request!



ART NO	tolerance class	quantity per set	pcs.	nominal size mm	steps mm	KG	ART NO CC
350031	0	32	1	1.005	-	1.200	3594032
350041	1		9	1.01 - 1.09	0.01		3594032
			9	1.1 - 1.9	0.1		
			9	1.0 - 9.0	1.0		
			4	10 / 20 / 30 / 50	-		
350032	0	47	1	1.005	-	2.600	3594047
350042	1		19	1.01 - 1.19	0.01		3594047
			8	1.2 - 1.9	0.1		
			9	1.0 - 9.0	1.0		
			10	10 - 100	10.0		
350033	0	87	9	1.001 - 1.009	0.001	3.000	3594087
350043	1		49	1.01 - 1.49	0.01		3594087
			19	0.5 - 9.5	0.5		
			10	10 - 100	10.0		



Optical Parallels

- designed to inspect parallelism and flatness of measuring faces of micrometers
- each glass is marked with an identification-number (glued)
- ground and polished on both sides
- polished and faceted border



example

ART NO 350309



ART NO	ART NO CC	ART NO DAKS	nominal size mm	glass-ø mm	accuracy of flatness μm	parallelism μm	KG
350305-1	350315-1	350325-1	15	55	≤ 0.10	-	0.145
350309	350319	350339	12.00 / 12.12 / 12.25 / 12.37	30	≤ 0.15	≤ 0.30	0.365
350309-1	350319-1	350339-1	25.00 / 25.12 / 25.25 / 25.37	30	≤ 0.15	≤ 0.40	0.500

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Inspection Gauge Block Sets

Inspection Gauge Block Set, for Micrometers DIN EN ISO 3650

- for review and adjustment of micrometer acc. to VDI/VDE/DGQ 2618, page 5
- with optical plane face glass and gloves
- each gauge block is marked with an identification number
- calibration certificate **without** optical plane glass calibration by extra charge



ART NO ceramic	ART NO steel	ART NO carbide	tolerance class	quantity per set	nominal size mm	KG	ART NO CC
350110	350130	350119	1	10	2.50 / 5.10 / 7.70 / 10.30 / 12.90 / 15.00 / 17.60 / 20.20 / 22.80 / 25.00	1.000	3594010

Inspection Gauge Block Set, for Micrometers DIN EN ISO 3650

- for review and adjustment of micrometer acc. to VDI/VDE/DGQ 2618, page 5 / 10.1
- each gauge block is marked with an identification number
- calibration certificate by extra charge



ART NO steel	for micrometer sizes	tolerance class	quantity per set	nominal size mm	KG	ART NO CC
350176	0 - 25	1	5	5.10 / 10.30 / 15.00 / 20.20 / 25	0.850	3594186
350177	0 - 100	1	8	5.10 / 10.30 / 15.00 / 20.20 / 25 / 50 / 75 / 100	0.980	3594187

Inspection Gauge Block Set, for Calipers DIN EN ISO 3650

- for review and adjustment of calipers acc. to VDI/VDE/DGQ 2618, page 5
- with hardened steel setting ring and protective gloves
- each gauge block is marked with an identification number
- calibration certificate without setting ring certificate by extra charge

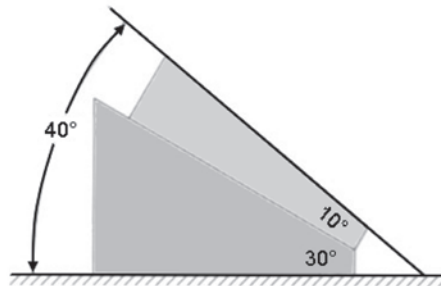


ART NO ceramic	ART NO steel	tolerance class	ø mm	nominal size mm	KG	ART NO CC
350111	350139	1	20	30 / 41.3 / 131.4	1.000	3594007
350118	350148	1	4 und 25	30 / 41.3 / 131.4	1.100	3594008
-	350149	1	4 und 25	30 / 41.3 / 131.4 / 243.5	1.290	3594008

Angle Gauge Block Sets and Wave Parallel Supports

★★★★★ BLUE-LINE® Angle Gauge Block Set

- workshop quality, for standard purposes
- for fast, easy and accurate determination of angular dimensions
- hardened and relieved special steel, high grade of abrasion resistance
- measuring faces fine ground
- angle accuracy of measuring faces +/- 60"



ART NO	tolerance class	quantity per set	angle sizes in °	L x H	KG	ART NO CC
352012	1	12	0.25 / 0.5 / 1 / 2 / 3 / 4 / 5 / 10 / 15 / 20 / 25 / 30°	75 x 6.5	0.930	3594212

Explore our website!

On our website you will find many features and informations, which make cooperation with us very well. For more dealer information, ask for your personal access code to our login area!

Our **Vmade**®-team is happy to help.



Any questions?
We are pleased to advise!

Accessories for Parallel Gauge Blocks

★★★★★ BLUE-LINE® Accessory Set for Gauge Blocks

- 8-piece set, contents:
- 1 pair of 2 mm half round jaws
- 1 pair of 5 mm half round jaws
- 1 scriber point, 1 centering tip
- 1 holder 0 - 50 / 0 - 100 / 100 - 200 mm
- 1 base for holder



ART N°	content / pieces	KG
353000	8	3.000

★★★★★ BLUE-LINE® Gauge Block Holder

- for clamping individual gauge blocks
- special steel made



ART N° 350313 - 350317



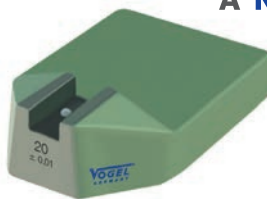
ART N° 350310 - 350312



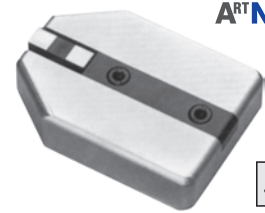
ART N°	clamping range mm	suitable base		KG
350310	0 - 50	353020	-	0.230
350311	0 - 100	353020	-	0.250
350312	100 - 200	353020	-	0.300
350313	0 - 300	-	353021	0.500
350314	100 - 300	-	353021	0.500
350315	200 - 400	-	353021	0.600
350316	300 - 500	-	353021	0.700
350317	400 - 600	-	353021	0.800

★★★★★ BLUE-LINE® Holder Base

- made of cast steel
- art.-no. 353020 special steel, chromed
- art.-no. 353021 cast iron, lacquered



ART N° 353021



ART N° 353020



ART N°	ART N°	KG
353020	-	0.140
-	353021	0.920

★★★★★ BLUE-LINE® Gauge Connector

- art.-no. 350360 for coupling gauge blocks > 100 mm
- art.-no. 350361 for coupling gauge blocks > 100 mm with gauges < 100 mm

ART N° 350361



ART N° 350360



Other sizes available on request!

ART N°	for sizes mm	KG
350360	> 100 + > 100	0.210
350361	0 - 180	0.200

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products are on top of the charts!

Vogel Germany always convinced with innovation and quality, for example with the products:

Inspection Tool Kits

Got an award by German magazine "Heimwerker Praxis".



Price / Performance: goog - excellent

Pocket Measuring Tapes

Got an award by German magazine "DIY selberrmachen".



For more information and options please have a look at our website.

Accessories for Parallel Gauge Blocks

BLUE-LINE® Half rounded Measuring Jaws, in pair

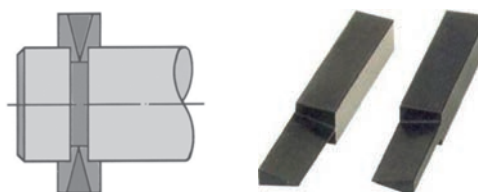
- half round jaws for internal and external measurements
- hardened and relieved steel



ART N°	nominal size ø mm	max. measuring depth mm	total length mm	KG
350327	2	10	40	0.022
350328	5	15	45	0.030
350329	10	40	70	0.055

BLUE-LINE® Knife Edge Jaws, in pair

- hardened and relieved steel



ART N°	nominal size ø mm	total length mm	KG
353026	60	65	0.080

BLUE-LINE® Steel Scriber Point

- hardened and relieved steel



ART N°	KG
350350	0.055

BLUE-LINE® Centering Point

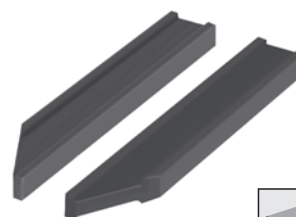
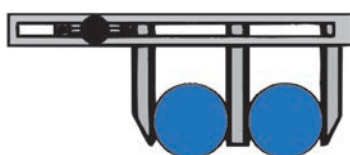
- hardened and relieved steel



ART N°	KG
350351	0.055

BLUE-LINE® Measuring Jaws, in Pair

- hardened and relieved steel



ART N°	total length mm	KG
353025	100	0.140

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Accessories for Parallel Gauge Blocks

★★★★★ BLUE-LINE® Maintenance Kit for Gauge Block

contents:

linen cloth, chamois leather, anti corrosion oil, deburring stone, soft brush, grease brush, operation manual



★★★★★ BLUE-LINE® Anti Corrosion Oil

- for maintenance and cleaning of gauge blocks and other gauges, brings a protective film on the surface



ART No		KG
350301		0.690
ART No	contents ml	KG
350306	50	0.060

★★★★★ BLUE-LINE® Maintenance Spray

- cleans, maintains and lubricates measuring tools, loosens caked-on section and conserves degreased mechanical connections
- acid and resin-free, compatible to environment, FCKW-free
- displaces humidity in electrical and electronical areas



ART No	contents ml	spray can	spray bottle	mm	KG
350320	500	✓	-	260 x ø 64	0.480
350325	500	-	✓	260 x 95 x 45	0.540

Explore our website!



Any questions?
We are pleased to advise!

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