

BLOCK GAUGE (GRADE 1)



HOWTO MOVE



USE

- As reference standard and for general measurement work
- As spacer and prefinished sub-assembly components

MATERIAL

- High carbon high chromium steel

FEATURES

- Conforms to JIS (Grade 1)
- Provided with inspection report

SPECIFICATIONS

- Section size: 10mm or under: 30(0~-0.3)×9(-0.05~-0.2)mm
Over 10mm: 35(0~-0.3)×9(-0.05~-0.2)mm
- Coefficient of thermal expansion: 11.5×10⁻⁶/K
- ※ Calibration and custom size production are NOT available

SPECIFICATIONS

Size (mm)		Grade 1	
Over	Or under	Tolerance (μm)	Dimensional Deviation (μm)
-	10	± 0.20	0.16
10	25	± 0.30	0.16
25	50	± 0.40	0.18
50	75	± 0.50	0.18
75	100	± 0.60	0.20
100	150	± 0.80	0.20
150	200	± 1.00	0.25
200	250	± 1.20	0.25
250	300	± 1.40	0.25
300	400	± 1.80	0.30
400	500	± 2.20	0.35
500	600	± 2.60	0.40

Order No.	Model No.	Size	Order No.	Model No.	Size	Order No.	Model No.	Size
150810	GB1-05	0.5mm	150862	GB1-132	1.32mm	153024	GB1-174	1.74mm
150820	GB1-10	1.0mm	150863	GB1-133	1.33mm	153025	GB1-175	1.75mm
150822	GB1-1-001	1.001mm	150864	GB1-134	1.34mm	153026	GB1-176	1.76mm
150823	GB1-1-002	1.002mm	150865	GB1-135	1.35mm	153027	GB1-177	1.77mm
150824	GB1-1-003	1.003mm	150866	GB1-136	1.36mm	153028	GB1-178	1.78mm
150825	GB1-1-004	1.004mm	150867	GB1-137	1.37mm	153029	GB1-179	1.79mm
150826	GB1-1-005	1.005mm	150868	GB1-138	1.38mm	153030	GB1-180	1.80mm
150827	GB1-1-006	1.006mm	150869	GB1-139	1.39mm	153031	GB1-181	1.81mm
150828	GB1-1-007	1.007mm	150870	GB1-140	1.40mm	153032	GB1-182	1.82mm
150829	GB1-1-008	1.008mm	150871	GB1-141	1.41mm	153033	GB1-183	1.83mm
150830	GB1-1-009	1.009mm	150872	GB1-142	1.42mm	153034	GB1-184	1.84mm
150831	GB1-101	1.01mm	150873	GB1-143	1.43mm	153035	GB1-185	1.85mm
150832	GB1-102	1.02mm	150874	GB1-144	1.44mm	153036	GB1-186	1.86mm
150833	GB1-103	1.03mm	150875	GB1-145	1.45mm	153037	GB1-187	1.87mm
150834	GB1-104	1.04mm	150876	GB1-146	1.46mm	153038	GB1-188	1.88mm
150835	GB1-105	1.05mm	150877	GB1-147	1.47mm	153039	GB1-189	1.89mm
150836	GB1-106	1.06mm	150878	GB1-148	1.48mm	153040	GB1-190	1.90mm
150837	GB1-107	1.07mm	150879	GB1-149	1.49mm	153041	GB1-191	1.91mm
150838	GB1-108	1.08mm	150880	GB1-150	1.50mm	153042	GB1-192	1.92mm
150839	GB1-109	1.09mm	153001	GB1-151	1.51mm	153043	GB1-193	1.93mm
150840	GB1-110	1.10mm	153002	GB1-152	1.52mm	153044	GB1-194	1.94mm
150841	GB1-111	1.11mm	153003	GB1-153	1.53mm	153045	GB1-195	1.95mm
150842	GB1-112	1.12mm	153004	GB1-154	1.54mm	153046	GB1-196	1.96mm
150843	GB1-113	1.13mm	153005	GB1-155	1.55mm	153047	GB1-197	1.97mm
150844	GB1-114	1.14mm	153006	GB1-156	1.56mm	153048	GB1-198	1.98mm
150845	GB1-115	1.15mm	153007	GB1-157	1.57mm	153049	GB1-199	1.99mm
150846	GB1-116	1.16mm	153008	GB1-158	1.58mm	150885	GB1-200	2.00mm
150847	GB1-117	1.17mm	153009	GB1-159	1.59mm	153050	GB1-201	2.01mm
150848	GB1-118	1.18mm	153010	GB1-160	1.60mm	153051	GB1-202	2.02mm
150849	GB1-119	1.19mm	153011	GB1-161	1.61mm	153052	GB1-203	2.03mm
150850	GB1-120	1.20mm	153012	GB1-162	1.62mm	153053	GB1-204	2.04mm
150851	GB1-121	1.21mm	153013	GB1-163	1.63mm	153054	GB1-205	2.05mm
150852	GB1-122	1.22mm	153014	GB1-164	1.64mm	153055	GB1-206	2.06mm
150853	GB1-123	1.23mm	153015	GB1-165	1.65mm	153056	GB1-207	2.07mm
150854	GB1-124	1.24mm	153016	GB1-166	1.66mm	153057	GB1-208	2.08mm
150855	GB1-125	1.25mm	153017	GB1-167	1.67mm	153058	GB1-209	2.09mm
150856	GB1-126	1.26mm	153018	GB1-168	1.68mm	153059	GB1-210	2.10mm
150857	GB1-127	1.27mm	153019	GB1-169	1.69mm	153060	GB1-211	2.11mm
150858	GB1-128	1.28mm	153020	GB1-170	1.70mm	153061	GB1-212	2.12mm
150859	GB1-129	1.29mm	153021	GB1-171	1.71mm	153062	GB1-213	2.13mm
150860	GB1-130	1.30mm	153022	GB1-172	1.72mm	153063	GB1-214	2.14mm
150861	GB1-131	1.31mm	153023	GB1-173	1.73mm	153064	GB1-215	2.15mm



BLOCK GAUGE

PIN GAUGE

PIN VISE

PIN GAUGE ACCESSORIES

RING GAUGE

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TAPER GAUGE

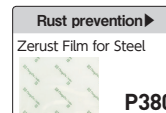
WELDING GAUGE

OTHER GAUGES

BLOCK GAUGE (GRADE 1)



HOWTO MOVE



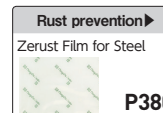
Please refer to page 45 for detailed specifications and tolerance

Order No.	Model No.	Size	Order No.	Model No.	Size	Order No.	Model No.	Size
153065	GB1-216	2.16mm	153113	GB1-265	2.65mm	153161	GB1-314	3.14mm
153066	GB1-217	2.17mm	153114	GB1-266	2.66mm	153162	GB1-315	3.15mm
153067	GB1-218	2.18mm	153115	GB1-267	2.67mm	153163	GB1-316	3.16mm
153068	GB1-219	2.19mm	153116	GB1-268	2.68mm	153164	GB1-317	3.17mm
153069	GB1-220	2.20mm	153117	GB1-269	2.69mm	153165	GB1-318	3.18mm
153070	GB1-221	2.21mm	153118	GB1-270	2.70mm	153166	GB1-319	3.19mm
153071	GB1-222	2.22mm	153119	GB1-271	2.71mm	153167	GB1-320	3.20mm
153072	GB1-223	2.23mm	153120	GB1-272	2.72mm	153168	GB1-321	3.21mm
153073	GB1-224	2.24mm	153121	GB1-273	2.73mm	153169	GB1-322	3.22mm
153074	GB1-225	2.25mm	153122	GB1-274	2.74mm	153170	GB1-323	3.23mm
153075	GB1-226	2.26mm	153123	GB1-275	2.75mm	153171	GB1-324	3.24mm
153076	GB1-227	2.27mm	153124	GB1-276	2.76mm	153172	GB1-325	3.25mm
153077	GB1-228	2.28mm	153125	GB1-277	2.77mm	153173	GB1-326	3.26mm
153078	GB1-229	2.29mm	153126	GB1-278	2.78mm	153174	GB1-327	3.27mm
153079	GB1-230	2.30mm	153127	GB1-279	2.79mm	153175	GB1-328	3.28mm
153080	GB1-231	2.31mm	153128	GB1-280	2.80mm	153176	GB1-329	3.29mm
153081	GB1-232	2.32mm	153129	GB1-281	2.81mm	153177	GB1-330	3.30mm
153082	GB1-233	2.33mm	153130	GB1-282	2.82mm	153178	GB1-331	3.31mm
153083	GB1-234	2.34mm	153131	GB1-283	2.83mm	153179	GB1-332	3.32mm
153084	GB1-235	2.35mm	153132	GB1-284	2.84mm	153180	GB1-333	3.33mm
153085	GB1-236	2.36mm	153133	GB1-285	2.85mm	153181	GB1-334	3.34mm
153086	GB1-237	2.37mm	153134	GB1-286	2.86mm	153182	GB1-335	3.35mm
153087	GB1-238	2.38mm	153135	GB1-287	2.87mm	153183	GB1-336	3.36mm
153088	GB1-239	2.39mm	153136	GB1-288	2.88mm	153184	GB1-337	3.37mm
153089	GB1-240	2.40mm	153137	GB1-289	2.89mm	153185	GB1-338	3.38mm
153090	GB1-241	2.41mm	153138	GB1-290	2.90mm	153186	GB1-339	3.39mm
153091	GB1-242	2.42mm	153139	GB1-291	2.91mm	153187	GB1-340	3.40mm
153092	GB1-243	2.43mm	153140	GB1-292	2.92mm	153188	GB1-341	3.41mm
153093	GB1-244	2.44mm	153141	GB1-293	2.93mm	153189	GB1-342	3.42mm
153094	GB1-245	2.45mm	153142	GB1-294	2.94mm	153190	GB1-343	3.43mm
153095	GB1-246	2.46mm	153143	GB1-295	2.95mm	153191	GB1-344	3.44mm
153096	GB1-247	2.47mm	153144	GB1-296	2.96mm	153192	GB1-345	3.45mm
153097	GB1-248	2.48mm	153145	GB1-297	2.97mm	153193	GB1-346	3.46mm
153098	GB1-249	2.49mm	153146	GB1-298	2.98mm	153194	GB1-347	3.47mm
150886	GB1-250	2.50mm	153147	GB1-299	2.99mm	153195	GB1-348	3.48mm
153099	GB1-251	2.51mm	150887	GB1-300	3.00mm	153196	GB1-349	3.49mm
153100	GB1-252	2.52mm	153148	GB1-301	3.01mm	150888	GB1-350	3.50mm
153101	GB1-253	2.53mm	153149	GB1-302	3.02mm	153197	GB1-351	3.51mm
153102	GB1-254	2.54mm	153150	GB1-303	3.03mm	153198	GB1-352	3.52mm
153103	GB1-255	2.55mm	153151	GB1-304	3.04mm	153199	GB1-353	3.53mm
153104	GB1-256	2.56mm	153152	GB1-305	3.05mm	153200	GB1-354	3.54mm
153105	GB1-257	2.57mm	153153	GB1-306	3.06mm	153201	GB1-355	3.55mm
153106	GB1-258	2.58mm	153154	GB1-307	3.07mm	153202	GB1-356	3.56mm
153107	GB1-259	2.59mm	153155	GB1-308	3.08mm	153203	GB1-357	3.57mm
153108	GB1-260	2.60mm	153156	GB1-309	3.09mm	153204	GB1-358	3.58mm
153109	GB1-261	2.61mm	153157	GB1-310	3.10mm	153205	GB1-359	3.59mm
153110	GB1-262	2.62mm	153158	GB1-311	3.11mm	153206	GB1-360	3.60mm
153111	GB1-263	2.63mm	153159	GB1-312	3.12mm	153207	GB1-361	3.61mm
153112	GB1-264	2.64mm	153160	GB1-313	3.13mm	153208	GB1-362	3.62mm

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Order No.	Model No.	Size	Order No.	Model No.	Size	Order No.	Model No.	Size
153209	GB1-363	3.63mm	153257	GB1-412	4.12mm	153305	GB1-461	4.61mm
153210	GB1-364	3.64mm	153258	GB1-413	4.13mm	153306	GB1-462	4.62mm
153211	GB1-365	3.65mm	153259	GB1-414	4.14mm	153307	GB1-463	4.63mm
153212	GB1-366	3.66mm	153260	GB1-415	4.15mm	153308	GB1-464	4.64mm
153213	GB1-367	3.67mm	153261	GB1-416	4.16mm	153309	GB1-465	4.65mm
153214	GB1-368	3.68mm	153262	GB1-417	4.17mm	153310	GB1-466	4.66mm
153215	GB1-369	3.69mm	153263	GB1-418	4.18mm	153311	GB1-467	4.67mm
153216	GB1-370	3.70mm	153264	GB1-419	4.19mm	153312	GB1-468	4.68mm
153217	GB1-371	3.71mm	153265	GB1-420	4.20mm	153313	GB1-469	4.69mm
153218	GB1-372	3.72mm	153266	GB1-421	4.21mm	153314	GB1-470	4.70mm
153219	GB1-373	3.73mm	153267	GB1-422	4.22mm	153315	GB1-471	4.71mm
153220	GB1-374	3.74mm	153268	GB1-423	4.23mm	153316	GB1-472	4.72mm
153221	GB1-375	3.75mm	153269	GB1-424	4.24mm	153317	GB1-473	4.73mm
153222	GB1-376	3.76mm	153270	GB1-425	4.25mm	153318	GB1-474	4.74mm
153223	GB1-377	3.77mm	153271	GB1-426	4.26mm	153319	GB1-475	4.75mm
153224	GB1-378	3.78mm	153272	GB1-427	4.27mm	153320	GB1-476	4.76mm
153225	GB1-379	3.79mm	153273	GB1-428	4.28mm	153321	GB1-477	4.77mm
153226	GB1-380	3.80mm	153274	GB1-429	4.29mm	153322	GB1-478	4.78mm
153227	GB1-381	3.81mm	153275	GB1-430	4.30mm	153323	GB1-479	4.79mm
153228	GB1-382	3.82mm	153276	GB1-431	4.31mm	153324	GB1-480	4.80mm
153229	GB1-383	3.83mm	153277	GB1-432	4.32mm	153325	GB1-481	4.81mm
153230	GB1-384	3.84mm	153278	GB1-433	4.33mm	153326	GB1-482	4.82mm
153231	GB1-385	3.85mm	153279	GB1-434	4.34mm	153327	GB1-483	4.83mm
153232	GB1-386	3.86mm	153280	GB1-435	4.35mm	153328	GB1-484	4.84mm
153233	GB1-387	3.87mm	153281	GB1-436	4.36mm	153329	GB1-485	4.85mm
153234	GB1-388	3.88mm	153282	GB1-437	4.37mm	153330	GB1-486	4.86mm
153235	GB1-389	3.89mm	153283	GB1-438	4.38mm	153331	GB1-487	4.87mm
153236	GB1-390	3.90mm	153284	GB1-439	4.39mm	153332	GB1-488	4.88mm
153237	GB1-391	3.91mm	153285	GB1-440	4.40mm	153333	GB1-489	4.89mm
153238	GB1-392	3.92mm	153286	GB1-441	4.41mm	153334	GB1-490	4.90mm
153239	GB1-393	3.93mm	153287	GB1-442	4.42mm	153335	GB1-491	4.91mm
153240	GB1-394	3.94mm	153288	GB1-443	4.43mm	153336	GB1-492	4.92mm
153241	GB1-395	3.95mm	153289	GB1-444	4.44mm	153337	GB1-493	4.93mm
153242	GB1-396	3.96mm	153290	GB1-445	4.45mm	153338	GB1-494	4.94mm
153243	GB1-397	3.97mm	153291	GB1-446	4.46mm	153339	GB1-495	4.95mm
153244	GB1-398	3.98mm	153292	GB1-447	4.47mm	153340	GB1-496	4.96mm
153245	GB1-399	3.99mm	153293	GB1-448	4.48mm	153341	GB1-497	4.97mm
150889	GB1-400	4.00mm	153294	GB1-449	4.49mm	153342	GB1-498	4.98mm
153246	GB1-401	4.01mm	150890	GB1-450	4.50mm	153343	GB1-499	4.99mm
153247	GB1-402	4.02mm	153295	GB1-451	4.51mm	150891	GB1-500	5.00mm
153248	GB1-403	4.03mm	153296	GB1-452	4.52mm	153344	GB1-501	5.01mm
153249	GB1-404	4.04mm	153297	GB1-453	4.53mm	153345	GB1-502	5.02mm
153250	GB1-405	4.05mm	153298	GB1-454	4.54mm	153346	GB1-503	5.03mm
153251	GB1-406	4.06mm	153299	GB1-455	4.55mm	153347	GB1-504	5.04mm
153252	GB1-407	4.07mm	153300	GB1-456	4.56mm	153348	GB1-505	5.05mm
153253	GB1-408	4.08mm	153301	GB1-457	4.57mm	153349	GB1-506	5.06mm
153254	GB1-409	4.09mm	153302	GB1-458	4.58mm	153350	GB1-507	5.07mm
153255	GB1-410	4.10mm	153303	GB1-459	4.59mm	153351	GB1-508	5.08mm
153256	GB1-411	4.11mm	153304	GB1-460	4.60mm	153352	GB1-509	5.09mm



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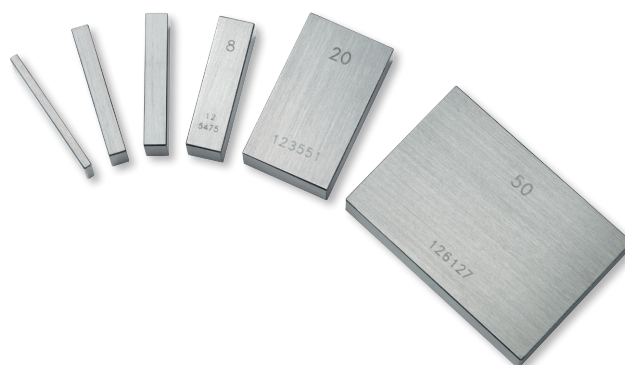
WELDING GAUGE

OTHER GAUGES

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HOWTO MOVE



Please refer to page 45 for detailed specifications and tolerance

Order No.	Model No.	Size	Order No.	Model No.	Size	Order No.	Model No.	Size
153353	GB1-510	5.10mm	153401	GB1-559	5.59mm	150903	GB1-1000	10.00mm
153354	GB1-511	5.11mm	153402	GB1-560	5.60mm	150905	GB1-1050	10.50mm
153355	GB1-512	5.12mm	153403	GB1-561	5.61mm	150906	GB1-1100	11.00mm
153356	GB1-513	5.13mm	153404	GB1-562	5.62mm	150907	GB1-1150	11.50mm
153357	GB1-514	5.14mm	153405	GB1-563	5.63mm	150908	GB1-1200	12.00mm
153358	GB1-515	5.15mm	153406	GB1-564	5.64mm	150909	GB1-1250	12.50mm
153359	GB1-516	5.16mm	153407	GB1-565	5.65mm	150911	GB1-1300	13.00mm
153360	GB1-517	5.17mm	153408	GB1-566	5.66mm	150912	GB1-1350	13.50mm
153361	GB1-518	5.18mm	153409	GB1-567	5.67mm	150913	GB1-1400	14.00mm
153362	GB1-519	5.19mm	153410	GB1-568	5.68mm	150914	GB1-1450	14.50mm
153363	GB1-520	5.20mm	153411	GB1-569	5.69mm	150915	GB1-1500	15.00mm
153364	GB1-521	5.21mm	153412	GB1-570	5.70mm	150916	GB1-1550	15.50mm
153365	GB1-522	5.22mm	153413	GB1-571	5.71mm	150917	GB1-1600	16.00mm
153366	GB1-523	5.23mm	153414	GB1-572	5.72mm	150918	GB1-1650	16.50mm
153367	GB1-524	5.24mm	153415	GB1-573	5.73mm	150919	GB1-1700	17.00mm
153368	GB1-525	5.25mm	153416	GB1-574	5.74mm	150920	GB1-1750	17.50mm
153369	GB1-526	5.26mm	153417	GB1-575	5.75mm	150921	GB1-1800	18.00mm
153370	GB1-527	5.27mm	153418	GB1-576	5.76mm	150922	GB1-1850	18.50mm
153371	GB1-528	5.28mm	153419	GB1-577	5.77mm	150923	GB1-1900	19.00mm
153372	GB1-529	5.29mm	153420	GB1-578	5.78mm	150924	GB1-1950	19.50mm
153373	GB1-530	5.30mm	153421	GB1-579	5.79mm	150925	GB1-2000	20.00mm
153374	GB1-531	5.31mm	153422	GB1-580	5.80mm	150927	GB1-2050	20.50mm
153375	GB1-532	5.32mm	153423	GB1-581	5.81mm	150928	GB1-2100	21.00mm
153376	GB1-533	5.33mm	153424	GB1-582	5.82mm	150929	GB1-2150	21.50mm
153377	GB1-534	5.34mm	153425	GB1-583	5.83mm	150930	GB1-2200	22.00mm
153378	GB1-535	5.35mm	153426	GB1-584	5.84mm	150931	GB1-2250	22.50mm
153379	GB1-536	5.36mm	153427	GB1-585	5.85mm	150933	GB1-2300	23.00mm
153380	GB1-537	5.37mm	153428	GB1-586	5.86mm	150934	GB1-2350	23.50mm
153381	GB1-538	5.38mm	153429	GB1-587	5.87mm	150935	GB1-2400	24.00mm
153382	GB1-539	5.39mm	153430	GB1-588	5.88mm	150936	GB1-2450	24.50mm
153383	GB1-540	5.40mm	153431	GB1-589	5.89mm	150937	GB1-2500	25.00mm
153384	GB1-541	5.41mm	153432	GB1-590	5.90mm	150939	GB1-3000	30.00mm
153385	GB1-542	5.42mm	153433	GB1-591	5.91mm	150940	GB1-4000	40.00mm
153386	GB1-543	5.43mm	153434	GB1-592	5.92mm	150941	GB1-5000	50.00mm
153387	GB1-544	5.44mm	153435	GB1-593	5.93mm	150942	GB1-6000	60.00mm
153388	GB1-545	5.45mm	153436	GB1-594	5.94mm	150944	GB1-7000	70.00mm
153389	GB1-546	5.46mm	153437	GB1-595	5.95mm	150945	GB1-7500	75.00mm
153390	GB1-547	5.47mm	153438	GB1-596	5.96mm	150946	GB1-8000	80.00mm
153391	GB1-548	5.48mm	153439	GB1-597	5.97mm	150947	GB1-9000	90.00mm
153392	GB1-549	5.49mm	153440	GB1-598	5.98mm	150948	GB1-10000	100.00mm
150893	GB1-550	5.50mm	153441	GB1-599	5.99mm	150949	GB1-12500	125mm
153393	GB1-551	5.51mm	150894	GB1-600	6.00mm	150950	GB1-15000	150mm
153394	GB1-552	5.52mm	150895	GB1-650	6.50mm	150794	GB1-17500	175mm
153395	GB1-553	5.53mm	150896	GB1-700	7.00mm	150795	GB1-20000	200mm
153396	GB1-554	5.54mm	150897	GB1-750	7.50mm	150796	GB1-25000	250mm
153397	GB1-555	5.55mm	150899	GB1-800	8.00mm	150797	GB1-30000	300mm
153398	GB1-556	5.56mm	150900	GB1-850	8.50mm	150798	GB1-40000	400mm
153399	GB1-557	5.57mm	150901	GB1-900	9.00mm	150799	GB1-50000	500mm
153400	GB1-558	5.58mm	150902	GB1-950	9.50mm	150800	GB1-60000	600mm