



Bowers "Holmikes"



The Holmike is a direct reading internal micrometer which measures bores and bottoms of blind holes. Sizes over .250" (6mm) feature three measuring contact anvils which are self-centering for true readings. Sizes under .250" (6mm) use a 2 point "split-cylinder" design.

Holmikes over 1" use two sets of anvils so that only six sets are necessary to cover the range from .080" to 4". Sizes available from .040 to 12" (1—300mm).

All micrometer anvils over $\frac{1}{2}$ " (12.5mm) are tungsten carbide.

All sizes have blind bore anvils except $\frac{1}{4}$ "- $\frac{1}{2}$ " sizes

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Special anvils are available for specific applications. Contact our Technical Department for details.

Special Features:

- Sizes $\frac{1}{2}$ " (12.5mm) and up have blind bore capability.
- Ratchet stop provides constant pressure and repetitive readings.
- Microfine graduations on satin chrome finished thimble are easy to read.
- Sizes under .250" (6mm) have .0001" (.001mm) resolution.
- Sizes over .250" (6mm) have .00025" (.005mm) resolution.
- Holmike range is .040—12.0" (1-300mm).
- Holmikes 1" (25mm) and up furnished with 2 sets of anvils; each set covers one-half the range. No resetting is required when changing the anvils.
- Supplied with hardened and ground ring gages (which include NAMAS certificates).
- Holmikes over .250" (6mm) measure to a depth of at least 2.36" (60mm).
- Extensions are available for sizes over .250" (6mm).
- Each set includes fitted case.

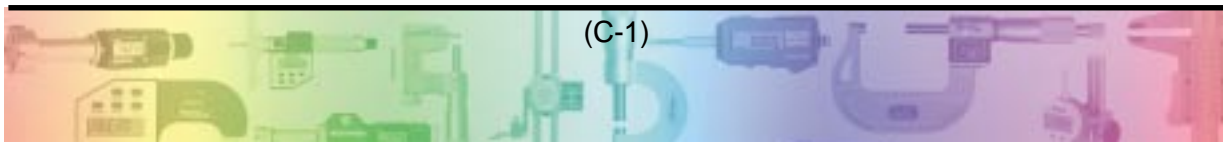




Holmikes & Holmike Sets (Inch)



Order No.	Measuring Range	Measuring Depth	Holmikes Include:
"Holmikes"—Inch Series:			
52-255-115	.040—.045"	.23"	Setting Ring
52-255-130	.045—.050"	.23"	Setting Ring
52-255-150	.050—.060"	.23"	Setting Ring
52-255-175	.060—.070"	.31"	Setting Ring
52-255-210	.070—.080"	.31"	Setting Ring
52-255-250	.080—.100"	.39"	Setting Ring
52-255-300	.100—.120"	.39"	Setting Ring
52-255-400	.120—.160"	.47"	Setting Ring
52-255-500	.160—.200"	.79"	Setting Ring
52-255-600	.200—.250"	.79"	Setting Ring
52-255-003	.250—.312"	2.36"	Setting Ring
52-255-101	.312—.375"	2.36"	Setting Ring
52-255-001	.375—.500"	2.46"	Setting Ring
52-255-005	.500—.625"	2.46"	Setting Ring
52-255-010	.625—.750"	2.46"	Setting Ring
52-255-015	.750—1.000"	2.64"	Setting Ring
52-255-020	1.000—1.375"	2.64"	2 sets of anvils & Setting Ring
52-255-022	1.375—2.000"	2.64"	2 sets of anvils & Setting Ring
52-255-025	2.000—3.000"	3.18"	2 sets of anvils & Setting Ring
52-255-027	3.000—4.000"	3.18"	2 sets of anvils & Setting Ring
52-255-030	4.000—5.000"	3.18"	2 sets of anvils & Setting Ring
52-255-035	5.000—6.000"	4.18"	2 sets of anvils & Setting Ring
52-255-040	6.000—7.000"	4.62"	2 sets of anvils & Setting Ring
52-255-045	7.000—8.000"	4.62"	2 sets of anvils & Setting Ring
52-255-048	8.000—9.000"	4.62"	2 sets of anvils & Setting Ring
52-255-050	9.000—10.000"	4.62"	2 sets of anvils & Setting Ring
52-255-052	10.000—11.000"	4.62"	2 sets of anvils & Setting Ring
52-255-054	11.000—12.000"	4.62"	2 sets of anvils & Setting Ring
"Holmike" Sets—Inch Series:			
52-255-333	Range .080—.120"; includes 2 heads, 2 handles, 1 ring		
52-255-444	Range .120—.250"; includes 3 heads, 3 handles, 2 rings		
52-255-555	Range .250—.375"; includes 2 heads, 2 handles, 1 ring		
52-255-666	Range .375—.750"; includes 3 heads, 3 handles, 2 rings		
52-255-777	Range .750—2.000"; includes 3 heads, 3 handles, 3 rings		
52-255-888	Range 2.000—4.000"; includes 2 heads, 2 handles, 2 rings		

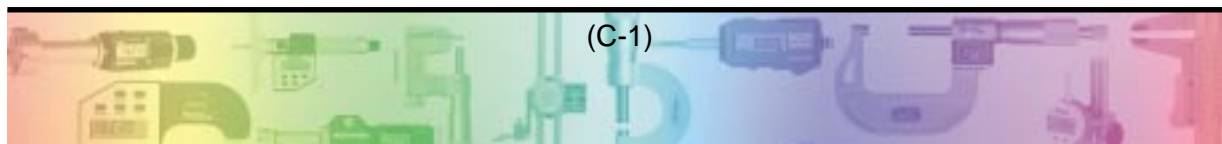




Holmikes & Holmike Sets (Metric)



Order No.	Measuring Range	Measuring Depth	Holmikes Include:
"Holmikes"—Metric Series:			
52-255-116	1—1.15mm	6mm	Setting Ring
52-255-131	1.15—1.30mm	6mm	Setting Ring
52-255-151	1.30—1.50mm	6mm	Setting Ring
52-255-176	1.50—1.75mm	8mm	Setting Ring
52-255-211	1.75—2.0mm	8mm	Setting Ring
52-255-251	2—2.5mm	10mm	Setting Ring
52-255-301	2.5—3.0mm	10mm	Setting Ring
52-255-401	3.0—4.0mm	12mm	Setting Ring
52-255-501	4.0—5.0mm	20mm	Setting Ring
52-255-601	5.0—6.0mm	20mm	Setting Ring
52-255-000	6—8mm	60mm	Setting Ring
52-255-100	8—10mm	60mm	Setting Ring
52-255-002	10—12.5mm	62mm	Setting Ring
52-255-006	12.5—16mm	62mm	Setting Ring
52-255-011	16—20mm	62mm	Setting Ring
52-255-016	20—25mm	67mm	Setting Ring
52-255-021	25—35mm	67mm	2 sets of Anvils & Setting Ring
52-255-023	35—50mm	67mm	2 sets of Anvils & Setting Ring
52-255-026	50—75mm	80mm	2 sets of Anvils & Setting Ring
52-255-028	75—100mm	80mm	2 sets of Anvils & Setting Ring
52-255-036	100—125mm	80mm	2 sets of Anvils & Setting Ring
52-255-041	125—150mm	106mm	2 sets of Anvils & Setting Ring
52-255-046	150—175mm	118mm	2 sets of Anvils & Setting Ring
52-255-047	175—200mm	118mm	2 sets of Anvils & Setting Ring
52-255-049	200—225mm	118mm	2 sets of Anvils & Setting Ring
52-255-051	225—250mm	118mm	2 sets of Anvils & Setting Ring
52-255-053	250—275mm	118mm	2 sets of Anvils & Setting Ring
52-255-055	275—300mm	118mm	2 sets of Anvils & Setting Ring
"Holmike" Sets—Metric Series:			
52-255-334	Range 2.0—3.0mm: includes 2 heads, 2 handles, 1 ring		
52-255-445	Range 3.0—6.0mm: includes 3 heads, 3 handles, 2 rings		
52-255-556	Range 6.0—10mm: includes 2 heads, 2 handles, 1 ring		
52-255-667	Range 10—20mm: includes 3 heads, 3 handles, 2 rings		
52-255-778	Range 20—50mm: includes 3 heads, 3 handles, 3 rings		
52-255-889	Range 50—100mm: includes 2 heads, 2 handles, 2 rings		





"Holmike" Setting Rings



Order No.	Setting Ring Nominal Size	Tolerance	For Use With "Holmike" No.
Inch Series:			
52-256-003	.3125"	± .000032"/.0008mm	52-255-003, 101
52-256-005	.500"	± .000032"/.0008mm	52-255-001, 005
52-256-015	.750"	± .000032"/.0008mm	52-255-010, 015
52-256-019	1.200"	±.000039"/.001mm	52-255-020
52-256-024	1.700"	±.000039"/.001mm	52-255-022
52-256-025	2.500"	±.000039"/.001mm	52-255-025
52-256-027	3.500"	± .000059"/.0015mm	52-255-027
52-256-030	4.500"	± .000078"/.002mm	52-255-030
52-256-035	5.500"	± .000078"/.002mm	52-255-035
52-256-040	6.500"	± .000098"/.0025mm	52-255-040
52-256-045	7.500"	± .000098"/.0025mm	52-255-045
52-256-050	8.500"	± .000098"/.0025mm	52-255-048
52-256-055	9.500"	± .000098"/.0025mm	52-255-050
52-256-060	10.500"	± .000098"/.0025mm	52-255-052
52-256-065	11.500"	± .000098"/.0025mm	52-255-054
Metric Series:			
52-256-002	8mm	±.000032/.0008mm	52-255-000, 100
52-256-004	12.5mm	±.000032/.0008mm	52-255-002, 006
52-256-017	20mm	±.000032/.0008mm	52-255-011, 016
52-256-018	30mm	± .000039"/.001mm	52-255-021
52-256-029	42.5mm	± .000039"/.001mm	52-255-023
52-256-031	62.5mm	± .000039"/.001mm	52-255-026
52-256-032	87.5mm	± .000059"/.0015mm	52-255-028
52-256-033	112.5mm	± .000078"/.002mm	52-255-036
52-256-034	137.5mm	± .000078"/.002mm	52-255-041
52-256-037	162.5mm	± .000098"/.0025mm	52-255-046
52-256-038	187.5mm	± .000098"/.0025mm	52-255-047
52-256-051	212.5mm	± .000098"/.0025mm	52-255-049
52-256-056	237.5mm	± .000098"/.0025mm	52-255-051
52-256-061	262.5mm	± .000098"/.0025mm	52-255-053
52-256-066	287.5mm	± .000098"/.0025mm	52-255-055
Inch & Metric Series:			
54-337-001*	.045" (1.15mm)	± .000078"/.002mm	52-255-116
54-337-002*	.060" (1.5mm)	± .000078"/.002mm	52-255-131, 151
54-337-003*	.075" (2mm)	± .000078"/.002mm	52-255-176, 211
54-337-004*	.1" (2.5mm)	±.000032/.0008mm	52-255-251, 301
54-337-005*	.16" (4.0mm)	±.000032/.0008mm	52-255-401, 501
54-337-006*	.2" (5.0mm)	±.000032/.0008mm	52-255-501, 601



Carbide "Holmike" Anvils & Extension Rods



Order No.	Anvil Size	No. of Pieces	For use w/"Holmike" #
Inch Series:			
52-258-003	.250—.312"	3	52-255-003
52-258-101	.312—.375"	3	52-255-101
52-258-001	.375—.500"	3	52-255-001
52-258-005	.500—.625"	3	52-255-005
52-258-010	.625—.750"	3	52-255-010
52-258-015	.750—1.000"	3	52-255-015
52-258-020	1.000—1.375"	6	52-255-020
52-258-022	1.375—2.000"	6	52-255-022
52-258-025	2—3"	6	52-255-025
52-258-027	3—4"	6	52-255-027
52-258-030	4—5"	6	52-255-030
52-258-035	5—6"	6	52-255-035
52-258-040	6—7"	6	52-255-040
52-258-045	7—8"	6	52-255-045
52-258-048	8—9"	6	52-255-048
52-258-050	9—10"	6	52-255-050
52-258-052	10—11"	6	52-255-052
52-258-054	11—12"	6	52-255-054
Metric Series:			
52-258-000	6—8mm	3	52-255-000
52-258-100	8—10mm	3	52-255-100
52-258-002	10—12.5mm	3	52-255-002
52-258-006	12.5—16mm	3	52-255-006
52-258-011	16—20mm	3	52-255-011
52-258-016	20—25mm	3	52-255-016
52-258-021	25—35mm	6	52-255-021
52-258-023	35—50mm	6	52-255-023
52-258-026	50—75mm	6	52-255-026
52-258-028	75—100mm	6	52-255-028
52-258-036	100—125mm	6	52-255-036
52-258-041	125—150mm	6	52-255-041
52-258-046	150—175mm	6	52-255-046
52-258-047	175—200mm	6	52-255-047
52-258-049	200—225mm	6	52-255-049
52-258-051	225—250mm	6	52-255-051
52-258-053	250—275mm	6	52-255-053
52-258-055	275—300mm	6	52-255-055
Extension Rods:	Length:	For use with Holmike:	Range (Fits):
52-260-002	2.5"(63mm)	52-255-000, 003, 100 & 101.	$\frac{1}{4}$ - $\frac{3}{8}$ " (6-10mm)
52-260-000	3"(76mm)	52-255-001 & 002.	$\frac{3}{8}$ - $\frac{1}{2}$ " (10-12.5mm)
52-260-006	4"(100mm)	52-255-005, 006, 010 & 011.	$\frac{1}{2}$ - $\frac{3}{4}$ " (12.5-20mm)
52-260-007	6"(150mm)	52-255-015, 016, 020, 021, 022 & 023.	$\frac{3}{4}$ - 2" (20-50mm)
52-260-008	6"(150mm)	52-255-025 through 055.	2 - 12" (50-300mm)

The 52-258 series listed above is for the newer style (ER series) carbide anvils for Fowler/Bowers Holmikes. To order plain steel anvils for older models, use the former 52-257 series.

