

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Micrometer Heads

SERIES 148 — Common Type in Small Size

SPECIFICATIONS

Metric

Range	Order No.	Accuracy	Stem dia.	Stem	Spindle face	Remarks
0 - 13mm	**148-104**	±2µm	9.5mm	Plain	Flat	—
0 - 13mm	**148-103**	±2µm	9.5mm	w/clamp nut	Flat	—
0 - 13mm	**148-121**	±2µm	9.5mm	Plain*	Flat	—
0 - 13mm	**148-120**	±2µm	9.5mm	w/clamp nut*	Flat	—
0 - 13mm	**148-801**	±2µm	9.5mm	Plain	Spherical (SR4)	—
0 - 13mm	**148-802**	±2µm	9.5mm	w/clamp nut	Spherical (SR4)	—
0 - 13mm	**148-803**	±2µm	9.5mm	Plain*	Spherical (SR4)	—
0 - 13mm	**148-804**	±2µm	9.5mm	w/clamp nut*	Spherical (SR4)	—
13mm - 0	**148-821**	±2µm	9.5mm	Plain	Flat	Reverse reading
13mm - 0	**148-822**	±2µm	9.5mm	w/clamp nut	Flat	Reverse reading
13mm - 0	**148-823**	±2µm	9.5mm	Plain*	Flat	Reverse reading
13mm - 0	**148-824**	±2µm	9.5mm	w/ clamp nut*	Flat	Reverse reading

*with spindle lock

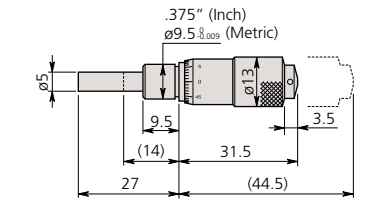
Inch

Range	Order No.	Accuracy	Stem dia.	Stem	Spindle face	Remarks
0 - .5"	**148-112**	±.0001"	.375"	Plain	Flat	—
0 - .5"	**148-111**	±.0001"	.375"	w/clamp nut	Flat	—
0 - .5"	**148-123**	±.0001"	.375"	Plain*	Flat	—
0 - .5"	**148-122**	±.0001"	.375"	w/clamp nut*	Flat	—
0 - .5"	**148-811**	±.0001"	.375"	Plain	Spherical (SR4)	—
0 - .5"	**148-812**	±.0001"	.375"	w/clamp nut	Spherical (SR4)	—
0 - .5"	**148-813**	±.0001"	.375"	Plain*	Spherical (SR4)	—
0 - .5"	**148-814**	±.0001"	.375"	w/clamp nut*	Spherical (SR4)	—
.5" - 0	**148-831**	±.0001"	.375"	Plain	Flat	Reverse reading
.5" - 0	**148-832**	±.0001"	.375"	w/clamp nut	Flat	Reverse reading
.5" - 0	**148-833**	±.0001"	.375"	Plain*	Flat	Reverse reading
.5" - 0	**148-834**	±.0001"	.375"	w/ clamp nut*	Flat	Reverse reading

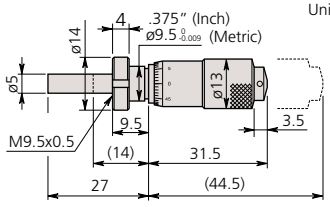
*with spindle lock

DIMENSIONS AND MASS

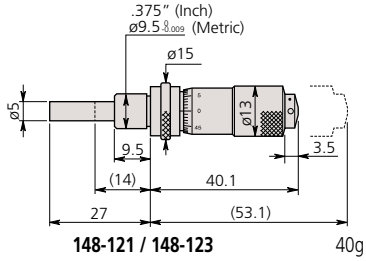
Unit: mm



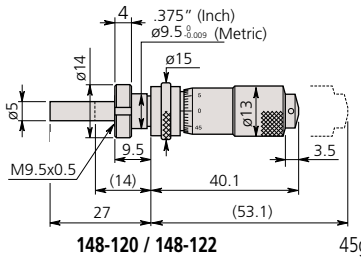
148-104 / 148-112 30g



148-103 / 148-111 35g



148-121 / 148-123 40g



148-120 / 148-122 45g

( ): when retracting the spindle until its stroke end.









Technical Data

Graduations: 0.01mm or .001"
Spindle pitch: 0.5mm
Spindle face: Flat or spherical of SKS3 (more than HR60), lapped surface
Scale surface: Hard-chrome plating
Fixture thickness for clamp nut: 6mm

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

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