

# Fowler

## V+ Series Height Gage



Introducing the new and improved Fowler/Trimos V+ Series height gages. The V+ Series offers the same great features of the V-Series height gages with an extended range of up to 9 inches with the addition of a second probe holder. The V+ series also offers the new V300+ with 12"/300mm travel, 21"/535 application range.

- Measures height, inside & outside diameters & centerline locations without changing probes.
- Simple to operate with handwheel & adjustable measuring pressure.
- Swiss engineering & construction.
- Resolution: .0005"/.00005"/.01mm/.001mm.
- Repeatability: .00008"/.002mm  $\pm$ 2s
- Direct RS232 output for SPC.
- Built in pump provides air cushion to reduce wear & operator fatigue.
- Full numeric keypad & large display.
- Built in rechargeable battery.
- 5 year warranty.
- Optional printer & setting gage.
- Many optional probes available.
- Includes V report software



▲ 54-199-024 shown with optional setting gage and printer.

### Specifications:

	54-199-300	54-199-024	54-199-040
Measuring Range	0—12"/300mm	0—24"/600mm	0—40"/1000mm
Application Range	0—21"/535mm	0—32.8"/835mm	0—48.6"/1235mm
Accuracy	.00016"/.004mm	.0002"/.005mm	.00025"/.006mm
Total Height	22.2"/565mm	34"/865mm	50"/1275mm
Weight	10kg	12.3kg	15.3kg



Order Number	Description
54-199-300	21"/535mm V+ Series Electronic Height Gage
54-199-024	32.8"/835mm V+ Series Electronic Height Gage
54-199-040	48.6"/1235mm V+ Series Electronic Height Gage
54-199-075	3" Master Setting Gage
54-199-076	12" Master Setting Gage
54-199-005	Printer Kit (Printer, holder, cable and charger)

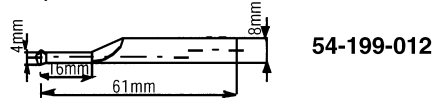
96"/2500mm unit available on special order. Contact the Fowler Technical Department for more information.



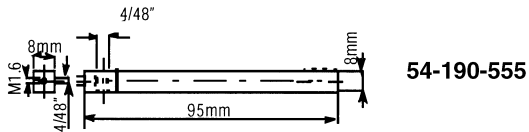
# V+ Series Accessories



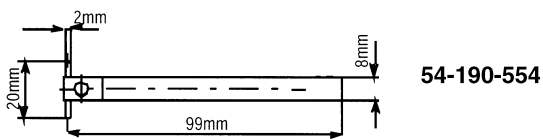
Measuring insert and insert for dial indicator probe



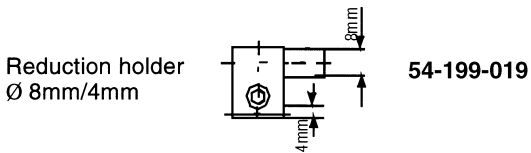
Ruby-ball probe (standard), Ø4mm



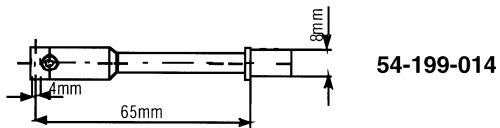
Measuring insert and insert for dial indicator probe



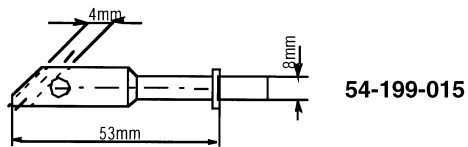
Measuring insert with interchangeable pin.



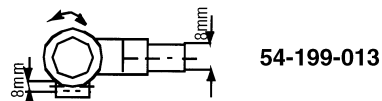
Reduction holder Ø8mm/4mm



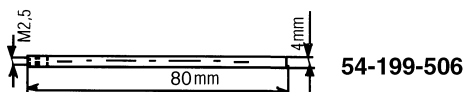
Holder for Ø4mm



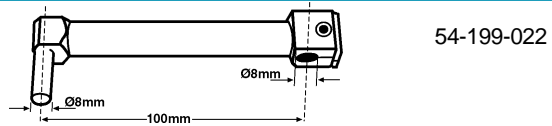
30° holder, Ø4mm



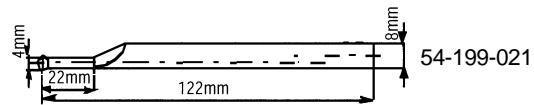
Swivel holder for measuring inserts



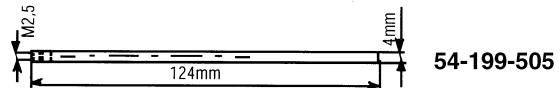
Holder L= 80 mm /M2,5



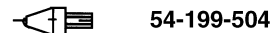
Extension probe holder



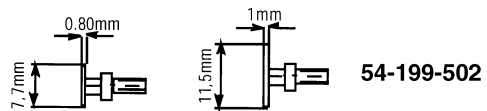
Probe with tungsten carbide ball, Ø4mm



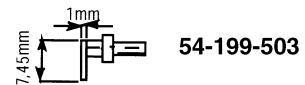
Holder L=124mm /M2,5



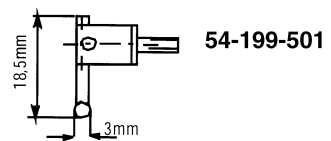
Ball point Ø2mm/M2,5



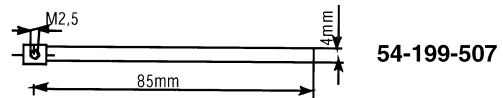
Disc shaped insert 1mm/M2,5  
0,8mm/M2,5 (pair)



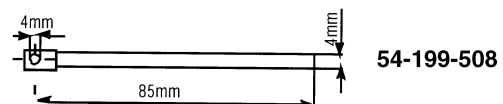
Corner insert 1mm/M2,5



Ruby-ball insert 3mm/M2,5



90° holder / M2,5

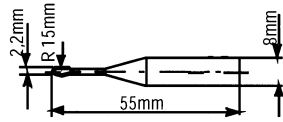


90° holder / Ø4mm



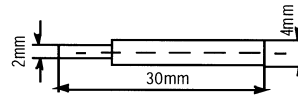


# V+ Series Accessories



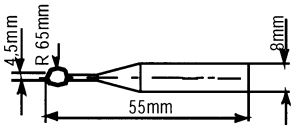
Barrel-shaped insert (M3-M16)

54-190-563



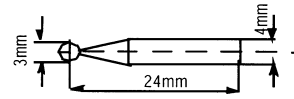
Pin shaped insert

54-190-046



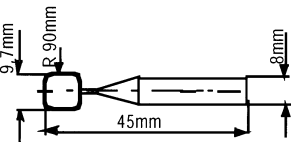
Barrel-shaped insert (M6-M48)

54-190-564



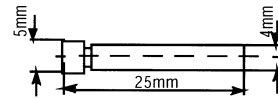
Ball insert

54-190-044



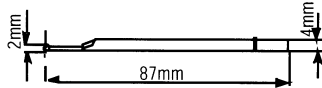
Barrel-shaped insert (M12-M150)

54-190-565



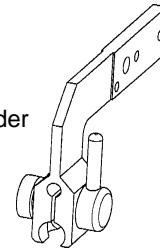
Disc shaped insert

54-190-047



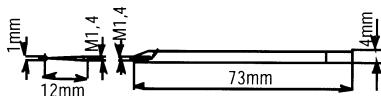
Ruby-ball probe, Ø 2mm

54-199-509



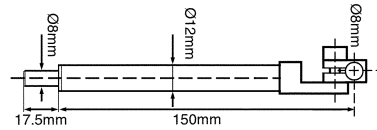
Quick clamp probe holder

54-199-020



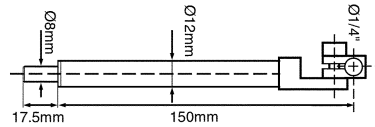
Probe holder and probe  
Ø1mm.

54-199-512



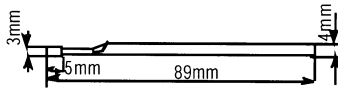
6" Swivel holder, 8mm

54-199-080



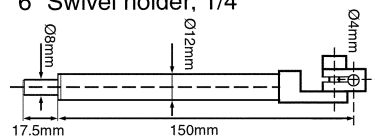
6" Swivel holder, 1/4"

54-199-081



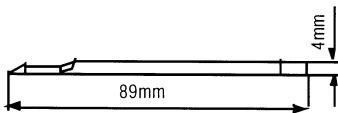
Cylindrical probe, Ø 3mm

54-199-511



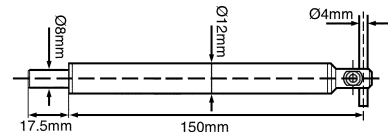
6" Swivel holder, 4mm

54-199-082



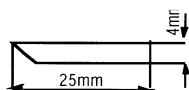
Knife-edge insert

54-199-510



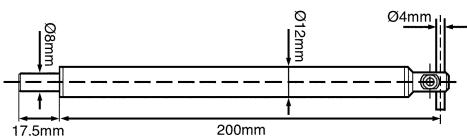
6" Probe holder, 4mm

54-199-083



Knife-edge insert

54-190-043



8" Probe holder, 2mm

*note: contact not included*

54-199-086





## V+ Series Accessories

### Probes, Holders & Inserts (shown)



Order #	Description
54-199-012	Ruby-ball probe (standard) 4mm
54-190-555	Measuring insert & insert for dial indicator probe
54-199-567	Measuring insert & insert for dial indicator probe
54-190-554	Measuring insert with interchangeable pin
54-199-019	Reduction holder 8mm/4m
54-199-020	Quick clamp probe holder
54-199-021	Tungsten carbide ball probe, 4mm
54-199-022	Extension probe holder
54-199-014	Holder for 4mm
54-199-015	30° holder 4mm
54-199-013	Swivel holder for measuring inserts 8mm
54-199-011	Swivel holder for measuring inserts .250"
54-199-080	6" Swivel holder, 8mm
54-199-081	6" Swivel holder, 1/4"
54-199-082	6" Swivel holder, 4mm
54-199-083	6" Probe holder
54-199-086	8" Probe holder
54-199-506	Holder L=80mm/M2.5
54-199-505	Holder L=124mm/M2.5
54-199-504	Ball point 2mm/M2.5
54-199-502	Disc shaped insert set 1mm/M2.5 0.8mm/M2.5 (pair)
54-199-503	Corner insert 1mm/M2.5
54-199-501	Ruby-ball insert 3mm/M2.5
54-199-507	90° holder/M2.5
54-199-508	90° holder/4mm
54-190-563	Barrel-shaped insert
54-190-564	Barrel-shaped insert
54-190-565	Barrel-shaped insert
54-199-509	Ruby-ball probe 2mm
54-199-512	Probe holder & probe 1mm
54-199-511	Cylindrical probe 3mm
54-199-510	Knife-edge probe
54-190-043	Knife-edge probe
54-190-046	Pin shaped probe
54-190-044	Ball probe
54-190-047	Disc shaped probe
<b>Other Accessories (not shown)</b>	
54-199-000	Printer including: Printer & AC adaptor (without cable & bracket)
54-199-004	Printer bracket with mounting hardware
54-199-002	RS232 printer cable
54-618-166	RS232 PC cable
54-199-010	Thermal printer paper (5 rolls)
54-199-018	110V AC adaptor for V600/V1000 (included with all V series gages)
54-199-070	Setting reference gage, height=75mm
54-199-560	Wooden accessory support block
54-199-016	Complete set of probes (including 54-199-501 thru 54-199-515 & 54-199-550)*
54-199-017	Partial set of probes (including 54-199-509 thru 54-199-513 & 54-199-550)*
54-199-513	Lock wrench
54-199-514	Hex screw wrench 1.5mm
54-199-515	Hex screw wrench 2.5mm
54-199-550	Wooden case for probe sets (empty) Included with 54-199-016/017

(\* Requires #54-199-019)

