

SMF SERIES FIXED FRAME SETMASTERS

SMF Series setmasters are designed to be used in a production environment where a specific set size is required. These masters use solid steel rails with precision ground end blocks bolted and doweled in place. A hardened steel restrictor is fixed to one side, while the adjustable anvil features .50" of micrometer style fine adjustment. The anvil can be continuously reset within its .5" range for various dimensions or it can be set, sealed and pinned to a specific size.



**Note: Setmaster pictured is part #SMF-18-GD1 set for an OD application.*

**Note: Companion to LDF, LDA, LDD, LDLT, LDR, LDRA, LDB, LBBS Series Gages*

MODEL #	RANGE
SMF-12	0 to 12
SMF-18	12 to 18
SMF-24	18 to 24
SMF-30	24 to 30
SMF-36	30 to 36
SMF-42	36 to 42
SMF-48	42 to 48
SMF-54	48 to 54
SMF-60	54 to 60

SMF-CF SERIES SETMASTER

Outrigger assembly for SMF or SSM series masters, add "-C" to the part # (ex: SMF-12-CF)



- To order setmasters, use the following sequence to specify the desired configuration (there is no need to specify configuration for standard items)
Setmaster Type - Rail Size - Gaging Depth - Restrictor Width - Other Options
For example: SMF-24-GD2-R25 is a setmaster with 18-24" of adjustment, 1-2" gaging depth, and .25" wide restrictor
 - Optional restrictors:
For .253" wide restrictor add R25 to part # (Used with LDR or other gages with .25" contacts)
For .628" wide restrictor add R62 to part # (Used with LDAR, LDB or other gages with .62" contacts)
 - Angular anvil and restrictor set, 1" long for cone or inverted cone, specify "-ARS"
 - Intermediate rest surfaces, add "-IRS"
 - Special anvil and restrictor for gage height more than .5", specify "-GH"
 - Roller rest guides for anvil rest plate, specify "-RR"
 - Set and sealed to a specific size with NIST traceable certification, order part #SETCERT
 - Set and sealed with independent party ISO 17025 compliant certification, order part #ISO17025
- NOTE: Set and seal options require purchase of Fitted Storage Case*

VERTICAL SETMASTER STANDS

Recommended if gage is used in vertical position



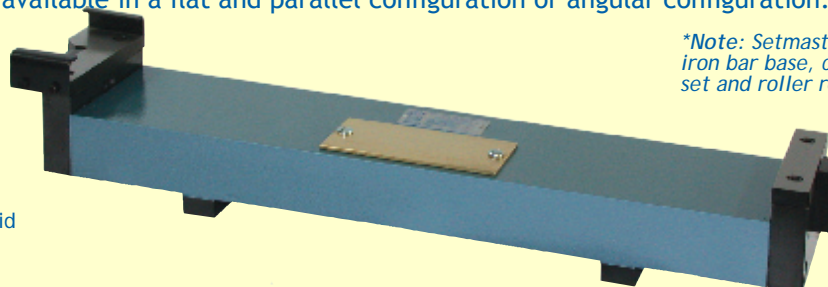
Part# 4350
(used on SMF)



Part# 4395-A (used on SMA)
Part# 4395 (used on SSM)
Up to 36"

SSM SERIES SOLID FRAME SETMASTER

Solid setmasters are ground to a specific size and are not adjustable. The is type of setmaster is recommended for use when the part tolerance is less than .002". The base can be made from tubular or solid steel, cast iron, aluminum or Inconel to better match the coefficient of thermal expansion of the part being machined. Anvils made from either hardened steel or carbide are available in a flat and parallel configuration or angular configuration. Price available upon request.



**Note: Setmaster shown features a cast iron bar base, carbide anvil-restrictor set and roller rest guides*

Typical dimensional tolerances for solid setmasters are +/- .001", +/- .0005", +/- .0002" or +/- .0001"

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