



XT HOLEMATIC Groove Sets

Internal groove diameter is the most common application for special bore gaging equipment. Now Fowler Bowers offers ready made sets and individual heads in the most popular groove sizes requested.

Features:

- Pistol grip handle for FAST measurements
- Self-centering, 3 point heads provide exceptional repeatability
- Resolution: 0.00005"/.001mm, direct in/mm conversion
- Diameters from 1/4" - 4" / 6 - 100mm
- Error free bluetooth data transfer
- IP67 protected against fluid and dust
- Anvil profiles suit common groove sizes - see table
- Includes depth stops and UKAS certified setting rings
- Special sizes, profiles and depth extensions available to measure any bore feature



www.fowlerprecision.com

- *Fast, easy, accurate groove measurements with the proven Fowler Bowers Holematic Measuring System*
- *3 point measuring heads ensure self centering, repetitive measurements*
- *Other anvil configurations are also available for custom grooves, threads, splines, slots, deep bores and more*
- *Bluetooth connection to most tablets, phones and laptops*



54-344-002-0

TECHNICAL SPECIFICATIONS

XT Holematic Groove Sets

Includes pistol grip and everything you need to measure

Order No.	Set Range	Heads Included	Anvil Step Height	Anvil Contact Width	Depth Stop OD	Setting Ring Sizes Included
54-344-001-0	1/4" - 3/4"	1/4" - 5/16"	0.049"	0.059"	0.709"	5/16"
		5/16" - 3/8"	0.049"	0.059"	0.787"	
		3/8" - 1/2"	0.059"	0.059"	0.866"	1/2"
		1/2" - 5/8"	0.079"	0.059"	1.024"	
		5/8" - 3/4"	0.098"	0.059"	1.299"	3/4"
54-344-002-0	3/4" - 2"	3/4" - 1"	0.108"	0.079"	1.535"	3/4"
		1" - 1-3/8"	0.217"	0.079"	1.772"	1-3/8"
		1-3/8" - 2"	0.157"	0.079"	2.362"	
54-344-003-0	2" - 4"	2" - 2-5/8"	0.315"	0.118"	3.150"	2-5/8"
		2-5/8" - 3-1/4"	0.315"	0.118"	3.740"	3-1/4"
		3-1/4" - 4"	0.413"	0.118"	4.528"	

Individual Heads

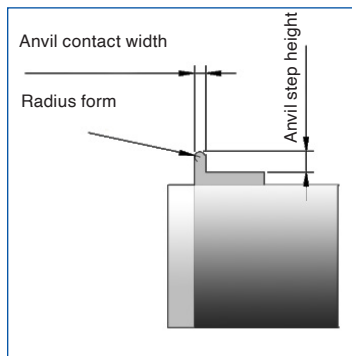
For current holematic users

Order No.	Range
54-344-006-0	1/4" - 5/16"
54-344-008-0	5/16" - 3/8"
54-344-010-0	3/8" - 1/2"
54-344-012-0	1/2" - 5/8"
54-344-016-0	5/8" - 3/4"
54-344-020-0	3/4" - 1"
54-344-025-0	1" - 1-3/8"
54-344-035-0	1-3/8" - 2"
54-344-050-0	2" - 2-5/8"
54-344-065-0	2-5/8" - 3"
54-344-080-0	3-1/4" - 4"

**Head range must match handle range. Setting ring may be required.*

Standard Groove Anvil Detail

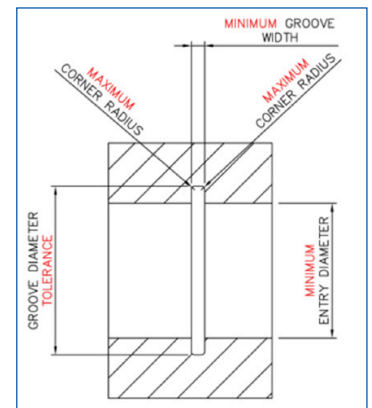
Minimum entry diameter:
0.012"/0.3mm below minimum bore size



Custom Groove Set

If our standard groove anvil profile is not suitable for your application, please provide us with these 4 dimensions for a specific offer.

We will design a tailor-made head that will fit your specific application.



HEADQUARTERS

780 Dedham Street • Canton • Massachusetts 02021
(800) 788-2353 • (617) 332-4137 fax
www.fowlerprecision.com • sales@fowlerprecision.com

DISTRIBUTION CENTER & SHOWROOM

28010 Industry Drive
Valencia, California 91355
(415) 633-5354

