

## Product Brochure For L3456

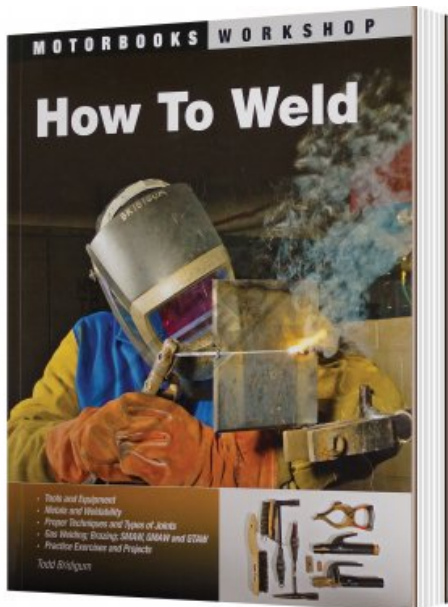
### L3456 - How to Weld Book

208 Colour Pages

AWS-Certified Welding Instructor Todd Bridigum Thoroughly Describes The Tools & Metals Commonly Used

Ex GST  
\$34.00

Inc GST  
\$39.10



ORDER CODE:	L3456
Title:	How to Weld
Number of pages (No.):	208



### Description

Welding is a skill that any do-it-yourself enthusiast needs in his arsenal. If you can't create; in short, you can't do much of anything except bolt premade parts together. How To Weld is both a perfect introduction for beginners and an excellent refresher for veterans. It's a work so comprehensive and so complete that most readers won't need any further instruction - just practice.

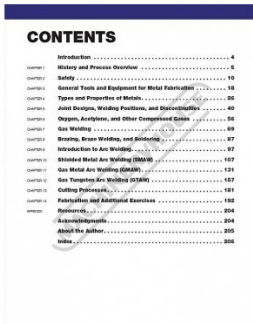
In How to Weld, AWS-certified welding instructor Todd Bridigum thoroughly describes the tools and metals commonly used, proper welding techniques, and types of joints. All popular welding variants are covered, including gas, shielded metal arc welding (or stick), gas metal arc welding (or MIG), gas tungsten arc welding (or TIG), brazing, soldering, and even metal cutting. Each skills section concludes with a series of exercises, each illustrated with fully captioned sequential photography, to fully illustrate the techniques learned. How to Weld is the only book about welding you'll ever need.

### CONTENTS

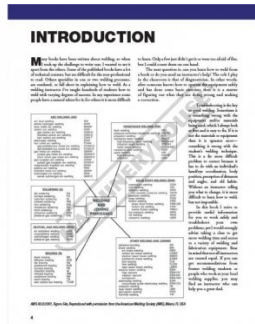
- Introduction - page 4
- History and Process Overview - page 5
- Safety - page 10
- General Tools and Equipment for Metal Fabrication - page 18
- Types and Properties of Metals - page 26
- Joint Designs, Welding Positions, and Discontinuities - page 40
- Oxygen, Acetylene, and Other Compressed Gases - page 56
- Gas Welding - page 69
- Brazing, Braze Welding, and Soldering - page 87
- Introduction to Arc Welding - page 97
- Shielded Metal Arc Welding (SMAW)- page 107
- Gas Metal Arc Welding (GMAW) - page 131
- Gas Tungsten Arc Welding (GTAW) - page 157
- Cutting Processes - page 181
- Fabrication and Additional Exercises - page 192
- Resources - page 204
- Acknowledgements - page 204
- About the Author - page 205
- Index - page 206

## Product Brochure For L3456

### Specific Features



Contents



Introduction



Chapter 1



Chapter 2



Chapter 3



Chapter 4



Back Cover

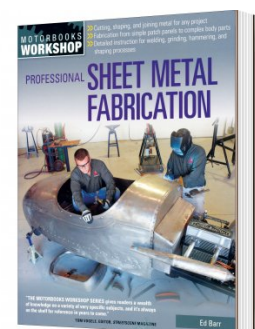
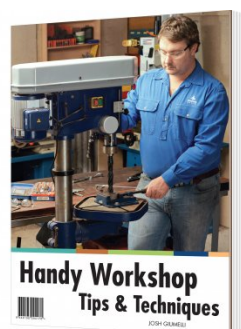
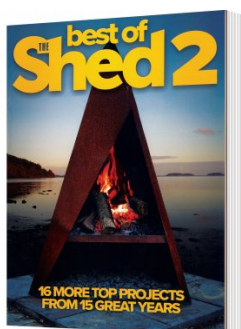
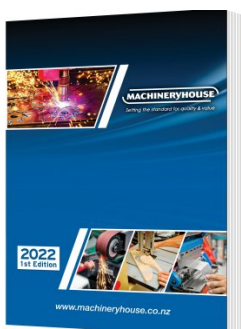
### Recommended Accessories

**CATNZ**  
Engineering, Metal & Wood  
Machinery Catalogue

**L3459**  
The Best Of The Shed 2

**L345**  
Handy Workshop Tips &  
Techniques - 1st Edition

**L3455**  
Professional Sheet Metal  
Fabrication Book

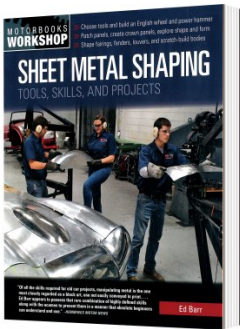


Product Brochure For L3456

---

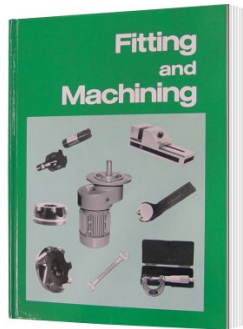
L3457

Sheet Metal Shaping Book -  
Tools, Skills & Projects



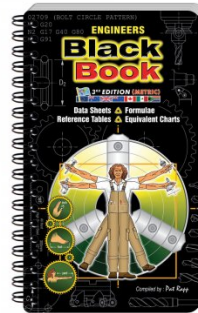
L341

Fitting and Machining Technical  
Book



L343

Engineers Black Book - 3rd  
Edition



L344

Fastener Black Book - 1st  
Edition

