EPIC QT INC | 528 Hamden Road, Annandale, NJ 08801
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PRODUCT DATA SHEET

# Stainless Steel Welding Practice Coupons

Type 304 | 20ga, 18ga and 16ga | 10 sizes | 24 coupons per pack

TDS-WC304 | Rev 06 | September 29, 2026 | FINAL

## 01 PRODUCT OVERVIEW

Precision-sheared coupons made from new Type 304 stainless steel for welding practice, training and procedure development exercises. This sheet covers 30 configurations: ten square or rectangular sizes in three gauges. Each pack contains 24 coupons of one selected size and gauge.

## 02 PRODUCT PHOTO AND DRAWING

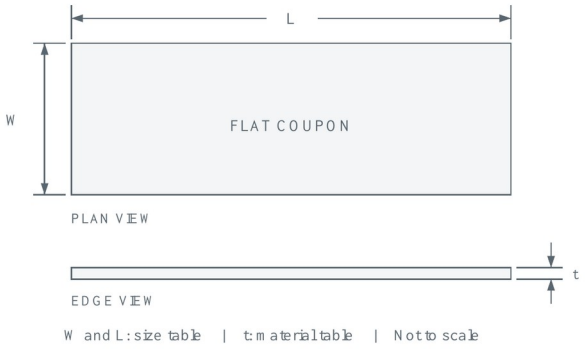
| ACTUAL PRODUCT PHOTO | DIMENSIONAL DRAWING |
|---|---|
|  |  |



Photo: 18ga, 2 × 4 in pack. Drawing identifies W, L and t for all listed configurations; not to scale.

## 03 MATERIAL AND CONSTRUCTION

| Material | Gauge | Nominal thickness t | Finish |
|---|---|---|---|
| Type 304 stainless steel | 20ga | 0.036 in / 0.91 mm | #4 brushed |
| Type 304 stainless steel | 18ga | 0.048 in / 1.22 mm | #4 brushed |
| Type 304 stainless steel | 16ga | 0.060 in / 1.52 mm | #4 brushed |

## 04 DIMENSIONS AND TECHNICAL DETAILS

| Specification | Value |
|---|---|
| Form and dimensions | Flat square or rectangular coupons; W × L options appear in Section 05. |
| Manufacturing process | Precision sheared from new stainless steel sheet. |
| Edge condition | As-sheared; not deburred. |
| Protective film | Supplied with film on one side. Remove completely before use. |
| Flatness and tolerances | Commercial sheet flatness. Sheared width and length: ±0.015 in (±0.38 mm). Material thicknesses are nominal. |

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# Sizes, weights and application details

## 05 AVAILABLE SIZES AND SKUS

Each gauge column shows the order SKU, followed by estimated net weight per coupon / 24-pack in lb.

| W × L inches | W × L mm | 20ga SKU; each / pack lb | 18ga SKU; each / pack lb | 16ga SKU; each / pack lb |
|---|---|---|---|---|
| 2 × 2 | 50.8 × 50.8 | **WC-304-20-0202-P24** 0.044 / 1.06 | **WC-304-18-0202-P24** 0.060 / 1.44 | **WC-304-16-0202-P24** 0.072 / 1.73 |
| 2 × 4 | 50.8 × 101.6 | **WC-304-20-0204-P24** 0.088 / 2.11 | **WC-304-18-0204-P24** 0.120 / 2.88 | **WC-304-16-0204-P24** 0.144 / 3.46 |
| 2 × 6 | 50.8 × 152.4 | **WC-304-20-0206-P24** 0.132 / 3.17 | **WC-304-18-0206-P24** 0.180 / 4.32 | **WC-304-16-0206-P24** 0.216 / 5.18 |
| 2 × 8 | 50.8 × 203.2 | **WC-304-20-0208-P24** 0.176 / 4.22 | **WC-304-18-0208-P24** 0.240 / 5.76 | **WC-304-16-0208-P24** 0.288 / 6.91 |
| 3 × 3 | 76.2 × 76.2 | **WC-304-20-0303-P24** 0.099 / 2.38 | **WC-304-18-0303-P24** 0.135 / 3.24 | **WC-304-16-0303-P24** 0.162 / 3.89 |
| 3 × 5 | 76.2 × 127.0 | **WC-304-20-0305-P24** 0.165 / 3.96 | **WC-304-18-0305-P24** 0.225 / 5.40 | **WC-304-16-0305-P24** 0.270 / 6.48 |
| 4 × 4 | 101.6 × 101.6 | **WC-304-20-0404-P24** 0.176 / 4.22 | **WC-304-18-0404-P24** 0.240 / 5.76 | **WC-304-16-0404-P24** 0.288 / 6.91 |
| 4 × 6 | 101.6 × 152.4 | **WC-304-20-0406-P24** 0.264 / 6.34 | **WC-304-18-0406-P24** 0.360 / 8.64 | **WC-304-16-0406-P24** 0.432 / 10.37 |
| 4 × 7 | 101.6 × 177.8 | **WC-304-20-0407-P24** 0.308 / 7.39 | **WC-304-18-0407-P24** 0.420 / 10.08 | **WC-304-16-0407-P24** 0.504 / 12.10 |
| 4 × 8 | 101.6 × 203.2 | **WC-304-20-0408-P24** 0.352 / 8.45 | **WC-304-18-0408-P24** 0.480 / 11.52 | **WC-304-16-0408-P24** 0.576 / 13.82 |

Estimated net weight = coupon area (in²) × factor: 20ga 0.011; 18ga 0.015; 16ga 0.018 lb/in². Pack = 24 × unrounded piece weight. Values rounded independently; packaging excluded.

## 06 PACKAGE CONTENTS

24 welding coupons of the selected size and gauge, supplied with protective film on one side. Estimated net weights per coupon and per 24-pack are listed for every SKU in Section 05.

## 07 INTENDED APPLICATIONS

Welding practice and training in classrooms and fabrication shops: arc starts, bead control, butt joints, lap joints, T-joints and corner joints. Listed processes: TIG (GTAW), MIG (GMAW), pulse MIG, Stick (SMAW) and Flux-Core (FCAW).

## 08 LIMITATIONS AND COMPATIBILITY

Select joint preparation, consumables and process settings for the chosen thickness. Qualification testing requires acceptance under the applicable welding procedure; this sheet does not establish certification or material traceability.

## 09 PREPARATION AND HANDLING

Remove the protective film completely before use. Prepare surfaces and joint geometry as required by the welding procedure. Inspect sheared edges before handling and use suitable fixturing.

## 10 DOCUMENT CONTROL

Source: EPIC QT product listing

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