# Achieving the Perfect Mirror Finish

Easily achieve a mirror finish on your welded surface by following our easy step by step tutorial.

## Step 1: Removal & Blending

**BLENDING - Blending the weld**

- **Product Used** - For TIG Welds: QUICK STEP FLEX GR.120 (07-Q 512)
  - **Result** - ROUGHNESS AVERAGE (Ra) (µin): 40-25
- **OR**
  - **Product Used** - For TIG Welds: QUICK STEP XX GR.120 (15-V 412)
  - **Result** - ROUGHNESS AVERAGE (Ra) (µin): 20-12

**Opt. Speed**

- 7300 RPM

## Step 2: Removal & Blending

**BLENDING - Blending deep scratches**

- **Product Used** - QUICK-STEP XX GR.240 (15-V 424) or QUICK-STEP BLENDEX MEDIUM (07-R 453)
  - **Result** - ROUGHNESS AVERAGE (Ra) (µin): 20-12

**Opt. Speed**

- 7000 RPM

## Step 3: Conditioning

**CONDITIONING - Surface conditioning prior to the finishing steps**

- **Product Used** - QUICK-STEP BLENDEX FINE (07-R 454) and if needed QUICK-STEP BLENDEX SUPER FINE (07-R 455)
  - **Result** - ROUGHNESS AVERAGE (Ra) (µin): 8-4

*This is a critical step in order to achieve the perfect finish!*

**Opt. Speed**

- 4000 RPM
- 6500 RPM

## Step 4: Finishing

**MIRROR FINISHING - Achieving first stage of mirror finish**

- **Product Used** - QUICK-STEP HIGH POLISH (07-T 454) + WHITE PASTE (07-T 901)
  - **Result** - ROUGHNESS AVERAGE (Ra) (µin): 4-1
- **OR**
  - **Product Used** - Buffing Drum (07-T 425) + WHITE PASTE (07-T 901)
  - **Result** - ROUGHNESS AVERAGE (Ra) (µin): 4-1

**Opt. Speed**

- 2500 RPM
- 3500 RPM

## Step 5: Cleaning

**CLEANING - Removing white paste residue**

- **Product Used** - SURFOX PRE-WELD (54-A 073)
  - **OR**
    - **Product Used** - SURFOX PowerCloth (54-B 090)

## Step 6: Finishing

**MIRROR FINISHING - Achieving last stage of mirror finish**

- **Product Used** - QUICK-STEP HIGH POLISH (07-T 454) + BLUE PASTE (07-T 905)
  - **Result** - ROUGHNESS AVERAGE (Ra) (µin): 4-1
- **OR**
  - **Product Used** - Buffing Drum (07-T 425) + BLUE PASTE (07-T 905)
  - **Result** - ROUGHNESS AVERAGE (Ra) (µin): 4-1

**Tech Tip:** Use a clean Quick-Step High Polish Disc to clean the surface.

**Opt. Speed**

- 2500 RPM
- 3500 RPM
# Achieving the Perfect Brushed Finish

Easily achieve a brushed finish on your welded surface by following our easy step by step tutorial.

## Removal & Blending

### STEP 1 - Blending the weld

- **Product Used**: For MIG Welds: QUICK STEP FLEX GR 60 (07-Q 506)
- **Result**: ROUGHNESS AVERAGE (Ra) (µin): +60
- **Opt. Speed**: 7300 RPM

## Removal & Blending

### STEP 2 - Blending deep scratches

- **Product Used**: QUICK-STEP XX GR.180 (15-V 418) or QUICK-STEP BLENDEX MEDIUM (07-R 453)
- **Result**: ROUGHNESS AVERAGE (Ra) (µin): 30-20
- **Opt. Speed**: 7000 RPM

## Conditioning

### STEP 3 - Surface conditioning prior to final finishing step

- **Product Used**: QUICK-STEP BLENDEX FINE (07-R 454)
- **Result**: ROUGHNESS AVERAGE (Ra) (µin): 8-4
- **Opt. Speed**: 4000 RPM (6500 RPM)

*This is a critical step in order to achieve the perfect finish!*

## Finishing

### STEP 4 - Final step to give a brushed #4 linear to the metal

- **Product Used**: 2IN1 DRUM (07-K 422)
- **Result**: ROUGHNESS AVERAGE (Ra) (µin): 20-12
- **Opt. Speed**: 3000 RPM

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