

Puma Polymers

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MASTERWORKS™ High Shear Mixing Blades

Introduction

The Master Works™ stainless steel high shear mixing blades have been specifically designed for use with the Master Works™ resin systems and auxiliary products.

Features

- Manufactured from grade 316 stainless steel.
- Two heavy duty configurations 160mm(6.5") and 80mm (3") blade diameter for small and large batch mixing.
- A lightweight version for small mixes 65mm (2.5") diameter.
- Blade based on cowles configuration to give quick and efficient mixing capability with minimal air entrainment, high shearing action quickly disperses additives, pigments and fillers.

Application

The mixing blades are to be used in conjunction with variable speed power drills for the following uses:

- Homogenising the 'as supplied' Master Works™ resins to ensure application consistency
- Mixing of Master Works™ Control Additives and Pigments into the base materials.
- Incorporation of filler materials.
- Mixing the A and B components.

It is recommended that the mixers are used at drill speeds between 500 – 750 rpm with the 80mm (3") blade being used for batches up to circa 8-10 kg (18-22lbs) and the 160 mm blade for larger batches of circa 10 - 30 kgs (22-60lbs).

Mixing blades should be cleaned with water immediately after use to prevent Master Works™ material drying and adhering to the blade.

Technical Information

Heavy duty

Material type:	316 stainless steel
Blade diameters:	80mm (3")160mm(6.5")
Blade shaft length:	450mm(18")600mm(24")
Blade shaft diameter:	15mm(5/8") 15mm(5/8")
Chuck size:	9.5mm(3/8") 9.5mm(3/8")

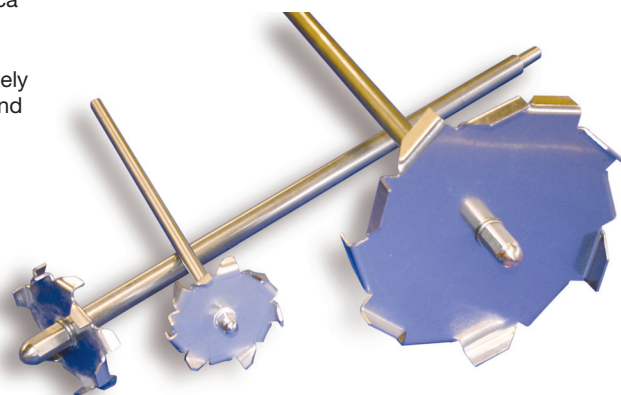
Lightweight

Blade diameter	65mm (2.5")
Blade shaft length	300mm (12")
Chuck size	9mm (3/8")

All blades feature a stud on the bottom that prevents the teeth from contact with the bottom of the pail or mixing vessel.

Packaging

Heavy duty mixer blades are supplied in pairs, one of each size or separately.
Lightweight supplied as single units.
See guide to use.



DISCLAIMER OF LIABILITY

The information above is given in good faith as a guide for material use. However it remains at all times the responsibility of the customer to ensure that the material is fit for the particular purpose intended. The Master Works Trade Mark is the property of the Rohm and Haas Corporation.