

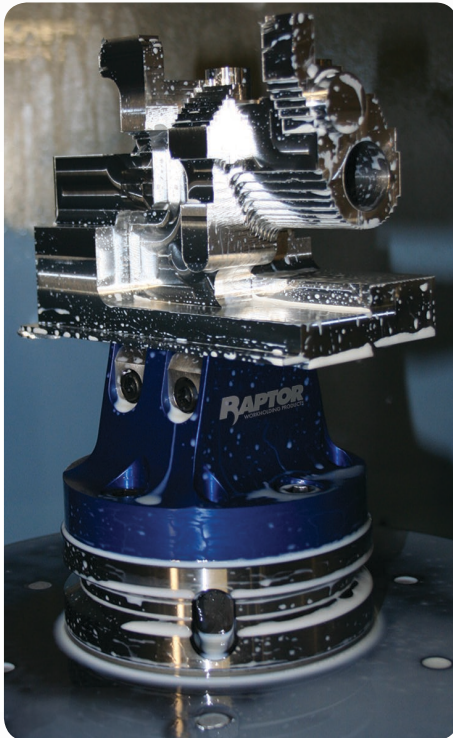


800-824-8333
RaptorWorkholding.com

TOOLING OPTIONS MATSUURA 5 AXIS PRODUCTS



Matsuura



MADE IN THE U.S.A



MAM72-35V



MAM72-63V



RWP-601 Fixture Extender
Connects between Fixture and Adapter/Riser

OR



RWP-602 Fixture Extender
Connects between Fixture and Adapter/Riser

*Fixtures direct connect to Rotary Tables/Pallets
and to Raptor Adapters/Extenders*



RWP-001/RWP-001SS min workpiece size (LxWxH)
1.5" Dovetail **2.35" x 2.25" x 0.5"**
Connect with Adapter max workpiece size
6.75" cubed



RWP-002/RWP-002SS min workpiece size (LxWxH)
0.75" Dovetail **2" x 1.75" x 0.5"**
Connect with Adapter max workpiece size
5.8" cubed/6.375" cubed



RWP-006/RWP-006SS min workpiece size (LxWxH)
2.25" Dovetail **5.95" x 3.96" x 0.5"**
Connect with Adapter max workpiece size
8x10x18/12x12x12



RWP-018/RWP-018SS min workpiece size (LxWxH)
0.5" Dovetail **2.5" x 0.95" x 0.5"**
Connect with Adapter max workpiece size
4.75" cubed/5" cubed



RWP-207 Riser
Direct Connect - Inch Pallet



RWP-001/RWP-001SS min workpiece size (LxWxH)
1.5" Dovetail **2.35" x 2.25" x 0.5"**
Connect with Adapter max workpiece size
6.75" cubed



RWP-002/RWP-002SS min workpiece size (LxWxH)
0.75" Dovetail **2" x 1.75" x 0.5"**
Connect with Adapter max workpiece size
5.8" cubed/6.375" cubed



RWP-006/RWP-006SS min workpiece size (LxWxH)
2.25" Dovetail **5.95" x 3.96" x 0.5"**
Connect with Adapter max workpiece size
8x10x18/12x12x12



RWP-018/RWP-018SS min workpiece size (LxWxH)
0.5" Dovetail **2.5" x 0.95" x 0.5"**
Connect with Adapter max workpiece size
4.75" cubed/5" cubed

DOVETAIL CUTTER OPTIONS

Use with all fixtures excluding RWP-006 / RWP-006SS



RWP-DC403U
3-flute, uncoated

for machining softer metals
such as aluminum or brass



RWP-DC404C
4-flute, coated

for machining harder metals
such as titanium or stainless steel



MX-520

300mm / 500mm configurations



RWP-234 Riser
Direct Connect 300mm Pallet

OR



RWP-237 Nest Riser
Direct Connect 300mm Pallet



RWP-223 Universal Adapter
Direct Connect 500mm Pallet



RWP-601 Fixture Extender
Connects between Fixture and Adapter/Riser

OR



RWP-602 Fixture Extender
Connects between Fixture and Adapter/Riser



RWP-001/RWP-001SS min workpiece size (LxWxH)
1.5" Dovetail $2.35" \times 2.25" \times 0.5"$
Connect with Adapter max workpiece size
 $6.75"$ cubed



RWP-002/RWP-002SS min workpiece size (LxWxH)
0.75" Dovetail $2" \times 1.75" \times 0.5"$
Connect with Adapter max workpiece size
 $5.8"$ cubed/ $6.375"$ cubed



RWP-006/RWP-006SS min workpiece size (LxWxH)
2.25" Dovetail $5.95" \times 3.96" \times 0.5"$
Connect with Adapter max workpiece size
 $8 \times 10 \times 18 / 12 \times 12 \times 12$



RWP-018/RWP-018SS min workpiece size (LxWxH)
0.5" Dovetail $2.5" \times 0.95" \times 0.5"$
Connect with Adapter max workpiece size
 $4.75"$ cubed/ $5"$ cubed



LX-160



RWP-226 Adapter
Direct Connect Inch

OR



RWP-227 Adapter
Direct Connect Metric



RWP-001/RWP-001SS min workpiece size (LxWxH)
1.5" Dovetail $2.35" \times 2.25" \times 0.5"$
Connect with Adapter max workpiece size
 $6.75"$ cubed



RWP-002/RWP-002SS min workpiece size (LxWxH)
0.75" Dovetail $2" \times 1.75" \times 0.5"$
Connect with Adapter max workpiece size
 $5.8"$ cubed/ $6.375"$ cubed



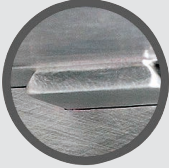
RWP-018/RWP-018SS min workpiece size (LxWxH)
0.5" Dovetail $2.5" \times 0.95" \times 0.5"$
Connect with Adapter max workpiece size
 $4.75"$ cubed/ $5"$ cubed

SEE FOLLOWING PAGE FOR RAPTOR DETAILS



RAPTOR IS SIMPLE.

Simply load your workpiece onto the fixture and hand-tighten the spring-loaded clamp. Unloading is just as easy.



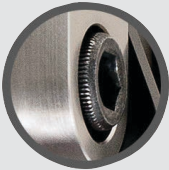
1 - SIMPLE DOVETAIL

A simple workpiece prep creates a dovetail that locks into the Raptor spring-loaded clamp.



2 - SPRING-LOADED CLAMP

Raptor's spring-loaded clamp strongly holds the part and makes releasing easy.



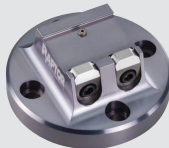
3 - HAND TIGHTENED

Use a T-wrench to hand-tighten the clamp and you're done. It's quick, simple and strong.



4 - STRONG BY DESIGN

Solid, super-strong stainless-steel or lightweight aluminum ensures that Raptor will hold up to repeated use.



5 - FITS ANY MACHINE

We have adapters, risers and versions of Raptor to fit any machine you can think of. Yes, even that one.

- Speed up your manufacturing by machining five full sides of the workpiece in one setup.
- Visit our website for additional product information:
www.RaptorWorkholding.com

- We are happy to help you find the best workholding solution for your application needs:

800-824-8333

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orders@raptorworkholding.com



Patent No. US8,672,310 B2

Patent No. US9,126,299 B2



MADE IN THE U.S.A