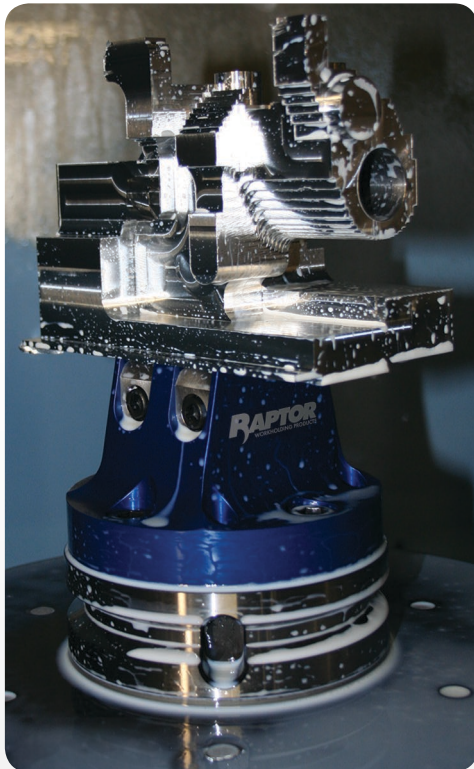




TOOLING OPTIONS FOR HAAS PRODUCTS



**TRY RAPTOR FOR
A 30-DAY FREE
TRIAL PERIOD**

Contact us at
1-818-841-1785
RaptorWorkholding.com



MADE IN THE U.S.A



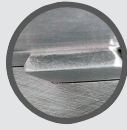
- Speed up your manufacturing by machining five full sides of the workpiece in one setup.
- Visit our website for additional product information:
www.RaptorWorkholding.com
- Customer Service / Sales
We are happy to help you find the best workholding solution for your application needs:

Sales and Support: 818/841-1785

National Sales Manager,
Sarah Selva: 818/599-2477

RAPTOR IS SIMPLE.

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



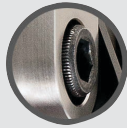
1 - SIMPLE DOVETAIL

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.



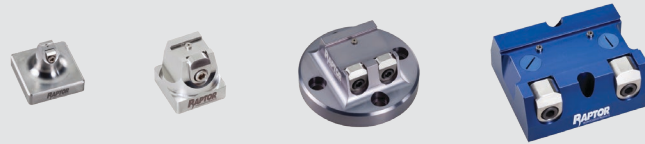
3 - HAND TIGHTENED

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.

MACHINE TOOLING OPTIONS

HAAS UMC-750 / UMC-750SS



RWP-234 Riser
Direct Connect - Single Fixture

OR



RWP-237 Nest Riser
Direct Connect - 4 Fixtures



RWP-001/RWP-001SS
1.5" Dovetail
Connect with Riser

min workpiece size (LxWxH)
2.35" x 2.25" x 0.5"
max workpiece size
6.75" cubed



RWP-002/RWP-002SS
0.75" Dovetail
Connect with Riser

min workpiece size (LxWxH)
2" x 1.75" x 0.5"
max workpiece size
5.8" cubed/6.375" cubed



RWP-003-4X Nest
0.75" Dovetail
Only connect with RWP-234 Riser

min workpiece size (LxWxH)
1.273" x 1.3" x 0.50"
max workpiece size
3" cubed



RWP-006/RWP-006SS
2.25" Dovetail
Connect with Riser

min workpiece size (LxWxH)
5.95" x 3.96" x 0.5"
max workpiece size
8x10x18/12x12x12



RWP-013/RWP-013SS
1.5" Dovetail
Connect with Riser

min workpiece size (LxWxH)
2.35" x 2.25" x 0.50"
max workpiece size
6.75" cubed



RWP-018/RWP-018SS
0.5" Dovetail
Connect with Riser

min workpiece size (LxWxH)
2.5" x 0.95" x 0.5"
max workpiece size
4.75" cubed/5" cubed



RWP-030SS
0.75" Dovetail
Connect with Riser

min workpiece size (LxWxH)
5.0" x 1.75" x 0.50"
max workpiece size
7.5" cubed

ROTARY TABLE TOOLING OPTIONS

HAAS TRT100



RWP-038SS
0.75" Dovetail
Direct Connect
min workpiece size (LxWxH)
2.00" x 1.75" x 0.50"
max workpiece size
5" cubed

**Haas TRT100 please refer to Haas indexer recommendation for weight restrictions.
Raptor recommends maximum weight: 3 lbs

HAAS TR110



RWP-015
0.75" Dovetail
Direct Connect
min workpiece size (LxWxH)
2.00" x 1.75" x 0.50"
max workpiece size
5.75" cubed



RWP-038SS
0.75" Dovetail
Direct Connect
min workpiece size (LxWxH)
2.00" x 1.75" x 0.50"
max workpiece size
5" cubed

HAAS TR160 Series / HRT160 Series



RWP-203 Adapter
Direct Connect



RWP-001/RWP-001SS
1.5" Dovetail
Connect with Adapter

min workpiece size (LxWxH)
2.35" x 2.25" x 0.5"
max workpiece size
6.75" cubed



RWP-002/RWP-002SS
0.75" Dovetail
Connect with Adapter

min workpiece size (LxWxH)
2" x 1.75" x 0.5"
max workpiece size
5.8" cubed/6.375" cubed



RWP-003-4X Nest
0.75" Dovetail
Connect with Adapter

min workpiece size (LxWxH)
1.273" x 1.3" x 0.50"
max workpiece size
3" cubed



RWP-013/RWP-013SS
1.5" Dovetail
Connect with Adapter

min workpiece size (LxWxH)
2.35" x 2.25" x 0.50"
max workpiece size
6.75" cubed



RWP-018/RWP-018SS
0.5" Dovetail
Connect with Adapter

min workpiece size (LxWxH)
2.5" x 0.95" x 0.5"
max workpiece size
4.75" cubed/5" cubed



RWP-030SS
0.75" Dovetail
Connect with Adapter

min workpiece size (LxWxH)
5.0" x 1.75" x 0.50"
max workpiece size
7.5" cubed

HAAS TR210 / HRT210 / HRC210



RWP-202 Adapter
Direct Connect



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



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



RWP-003-4X Nest
0.75" Dovetail
Connect with Adapter
min workpiece size (LxWxH)
1.273" x 1.3" x 0.50"
max workpiece size
3" cubed



RWP-013/RWP-013SS
1.5" Dovetail
Connect with Adapter
min workpiece size (LxWxH)
2.35" x 2.25" x 0.50"
max workpiece size
6.75" cubed



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



RWP-030SS
0.75" Dovetail
Connect with Adapter
min workpiece size (LxWxH)
5.0" x 1.75" x 0.50"
max workpiece size
7.5" cubed

HAAS TR310 / HRT310



RWP-223 Adapter
Direct Connect



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



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



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



RWP-013/RWP-013SS
1.5" Dovetail
Connect with Adapter
min workpiece size (LxWxH)
2.35" x 2.25" x 0.50"
max workpiece size
6.75" cubed



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



www.RaptorWorkholding.com



Patent No. US8,672,310 B2

Patent No. US9,126,299 B2



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REV.: 08/2016