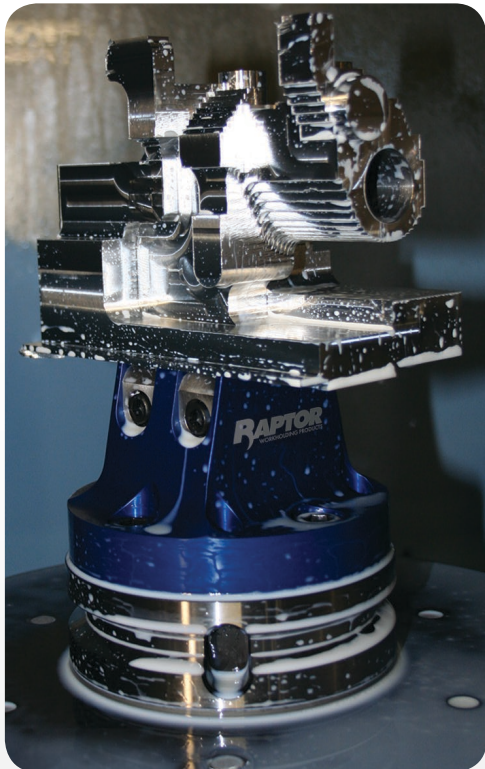




TOOLING OPTIONS FOR HAAS PRODUCTS



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

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



MADE IN THE U.S.A



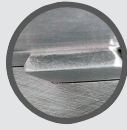
- Speed up your manufacturing by machining five full sides of the workpiece in one setup.
- Visit our website for additional product information:
www.RaptorWorkholding.com
- Customer Service / Sales
We are happy to help you find the best workholding solution for your application needs:

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.



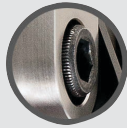
1 - SIMPLE DOVETAIL

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.

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

Dovetail Cutter for RWP-006 / RWP-006SS only



RWP-DC410C

4-flute, coated

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



RWP-002/RWP-002SS

0.75" Dovetail

Connect with Riser



RWP-003-4X Nest

0.75" Dovetail

Only connect with RWP-234 Riser



RWP-006/RWP-006SS

2.25" Dovetail

Connect with Riser



RWP-013/RWP-013SS

1.5" Dovetail

Connect with Riser



RWP-018/RWP-018SS

0.5" Dovetail

Connect with Riser



RWP-030SS

0.75" Dovetail

Connect with Riser

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

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

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

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

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

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

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

5C ROTARY INDEXER SERIES OPTIONS



RWP-003
0.75" Dovetail
Connect with Adapter

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



RWP-238-8 Adapter
Direct Connect

OR



RWP-238-10 Adapter
Direct Connect



www.RaptorWorkholding.com



Patent No. US8,672,310 B2

Patent No. US9,126,299 B2



MADE IN THE **U.S.A**

REV.: Summer 2017