



BRYAN MACHINE SERVICE
 345 Commerce Drive
 Huntington, Indiana 46750
Phone: 260-356-5530



Part Number	Description	Price	Sale Price
Vrtntmt275achc50325 (Machine tool ready)	Machine tool series abec 7 angular steel & deep groove bearings with cat 50 shank , C-50-325 base , auto coupler tachometer 1/8 collet wenches air valve (can adapt for other machines price on request)	\$ 6,000.00	\$5,400.00
Vrtntmt275achc40280 Machine tool ready	Machine tool series abec 7 angular steel & deep groove bearings with cat 40 shank , C-40-280 base , auto coupler tachometer 1/8 collet wenches air valve. (can adapt for other machines price on request)	\$ 5,500.00	\$4,950.00
VRTNTMT275 (spindle only)	Machine tool series abec 7 angular contact & deep groove bearing with the no tool (nt) speed adjustment	\$ 3,950.00	\$3,555.00
SS1.B	Strait shank and base .75 dia shank (no coupler with this base. Is meant to be a manual air hookup)	\$ 250.00	\$225.00
Spindle rotor and bearings assembly	This is a repayment assembly meant for replacement for a crashed or damaged unit. includes spindle itself and rotor assembly and bearings	\$ 1,750.00	\$ 1,575.00
C-50MAS1524	Cat 50 shank to fit c50 base	\$ 600.00	\$ 540.00
C-50-HCA	Cat 50 adapter for HAAS 50 taper spindle (adapter for coupler)	\$ 150.00	\$ 135.00
C-50-325	Cat 50 base 3.25 center to center VMC base	\$ 720.00	\$ 648.00
C-40MAS15177	Cat 40 shank to fit c40 base	\$ 240.00	\$ 216.00
C-40-280	CAT 40 base 2.875 center to center	\$ 480.00	\$ 432.00
Bearing replacement	Bearing replacement includes new bearings rebalance and regrind of spindle ER11 taper And internal regulator valve replacement	\$ 500.00	\$ 450.00
AC-LV-124	Auto coupler lower valve 1.25 size (base mounted side)	\$ 180.00	\$ 162.00
ACH125C	Auto coupler complete for HAAS VMC (can adapt for other machines)	\$ 720.00	\$ 648.00
AC-AH-124	Auto coupler actuator for HASS 1.25 sizes (machine mounted side. this will allow you to move spindle's to other machines)	\$ 600.00	\$ 540.00

The VRT is a compressed air turbine with an internal regulator, meaning it works to maintain the same speed in varying loads. The regulator is operator adjustable from the 15,000 to 40,000 rpm range. When used in a CNC machine with the auto coupler, it can be used like any other tool in a tool changer for unattended operation. So it is completely tool changeable.

The ACH125C is the auto coupler and is what allows completely unattended operation for the VRT.



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Originally designed for Haas VMC it is also adaptable to most CNC machines, including lathes and grinders. We can adapt the coupler to virtually any machine.

When not in use, both sides of the AC are closed to prevent coolant and debris from entering. When interfaced to the CNC control a simple command engages the AC and starts the VRT.

The NT in (VRTNTMT) is a “no tools” speed adjustment, meaning the tool and collet does not have to be removed to change the speed. The pushing of a button and turning the spindle will increase or decrease speed.

VRTNT Specs

15,000 to 30,000 rpm continues 40,000 rpm intermittent 60 minutes on, 10 minutes off

Spindle .0005 TIR

Standard 11 ER collet to ¼ tool diameter

.5 H-P at 20,000 rpm with internal muffler

Double angular contact bearing at collet end, ceramic ball at rotor end

4.5 Overall length, including base

Weight 3.5

Noise level 30 dec. (with internal muffler)

10 CFM air consumption at full power