

## Right Angle Head (VRA-Type)

1. Used on Vertical Milling Machine to make horizontal cutting work
2. Rigidity constructed suitable for heavy-duty cutting
3. The clamping bushing to suit milling machine



Suitable Milling Head Quill Diameter	Weight	Model No.	Code No.	Price \$
85.725mm - 86mm	12 kgs	VRA-R8	326200	<b>2,540.30</b>
85.725mm - 86mm	13 kgs	VRA-NT 30	326202	<b>2,431.66</b>
105mm	20 kgs	VRA-NT 40	326204	<b>3,600.12</b>



## DRIVEN TOOLS

**2 Year Warranty**  
(against manufacturer defects)

### Main Technical Features

- Main body designed to maximize rigidity and reduce vibration
  - Specially treated corrosion resistant steel body
  - Angular contact bearings + taper roller bearings on output spindle for better rigidity and longer life
  - Gleason spiral bevel gears with completely ground involute form
  - Internal coolant option
  - Designed, manufactured and assembled in Italy
  - 2 Year warranty against manufacturer defects
- ▼ Direction of rotation is opposite to the machine spindle  
 ▼ Direction of rotation is the same as the machine spindle

### Driven Tools For DMG MORI Lathes

Model	Orient	Rotation	Turret	Output	Int. Coolant	Nm	RPM	Gage Length	Code No.	Price \$
99.MS.A59	Axial	▼	NL60	ER-32	-	60	10,000	Max 89.9	381504	<b>2,236.12</b>
99.MS.A60	Axial	▼	NL60	ER-32	• 80bar	60	10,000	Max 89.9	381505	<b>3,308.58</b>
99.MS.A72	Radial	▼	NL60	ER-32	-	60	10,000	90	381506	<b>4,791.74</b>
99.MS.A73	Radial	▼	NL60	ER-32	• 80bar	60	10,000	90	381507	<b>5,362.09</b>



### Driven Tools For DOOSAN Lathes

Model	Orient	Rotation	Turret	Output	Int. Coolant	Nm	RPM	Gage Length	Code No.	Price \$
99.DS.A01	Axial	▼	BMT55	ER-25	-	40	8,000	57.2	381512	<b>1,939.57</b>
99.DS.A02	Axial	▼	BMT55	ER-25	• 80bar	40	8,000	57.2	381513	<b>2,224.75</b>
99.DS.A11	Radial	▼	BMT55	ER-25	-	40	8,000	70	381514	<b>3,650.83</b>
99.DS.A12	Radial	▼	BMT55	ER-25	• 80bar	40	8,000	70	381515	<b>4,312.59</b>
99.DS.A41	Axial	▼	BMT65	ER-32	-	70	6,000	72.5	381516	<b>2,281.82</b>
99.DS.A42	Axial	▼	BMT65	ER-32	• 70bar	70	6,000	72.5	381517	<b>3,501.71</b>
99.DS.A51	Radial	▼	BMT65	ER-32	-	70	6,000	72	381518	<b>3,833.33</b>
99.DS.A52	Radial	▼	BMT65	ER-32	• 70bar	70	6,000	72	381519	<b>4,540.68</b>



### Driven Tools For HAAS Lathes

Model	Orient	Rotation	Turret	Output	Int. Coolant	Nm	RPM	Gage Length	Code No.	Price \$
99.HA.590082	Axial	▼	VDI40	ER-32	-	63	6,000	82.1	381500	<b>1,688.51</b>
99.HA.590082B	Axial	▼	VDI40	ER-32	• 25bar	63	6,000	82.1	381501	<b>2,110.70</b>
99.HA.590084	Radial	▼	VDI40	ER-32	-	63	6,000	Max. 75	381502	<b>3,171.68</b>
99.HA.590084B	Radial	▼	VDI40	ER-32	• 25bar	63	6,000	Max. 75	381503	<b>4,012.14</b>



### Driven Tools For MAZAK Lathes

Model	Orient	Rotation	Turret	Output	Int. Coolant	Nm	RPM	Gage Length	Code No.	Price \$
99.MZ.A58	Offset-Axial	▼	QTN2-40	ER-32	-	80	6,000	50	381508	<b>2,966.33</b>
99.MZ.A59	Offset-Axial	▼	QTN2-40	ER-32	• 80bar	80	6,000	116	381509	<b>4,563.54</b>
99.MZ.A65	Radial	▼	QTN2-40	ER-32	-	80	6,000	130	381510	<b>4,839.91</b>
99.MZ.A66	Radial	▼	QTN2-40	ER-32	• 80bar	80	6,000	130	381511	<b>4,183.27</b>

