

HYPER QUADREX SERIES MULTIPLEX SERIES QUICK TURN NEXUS SERIES



LIVE TOOLS



















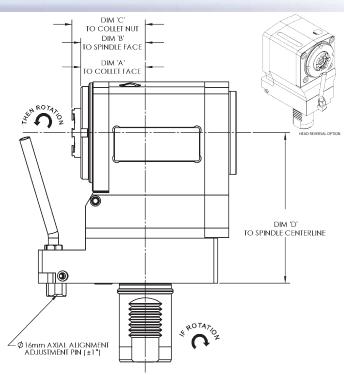




HYPER QUADREX SERIES

HQR100MSY HQR150MSY





RIGHT-ANGLE (HORIZONTAL)

| Item Number | Tool Axis | Ratio | Spindle | Internal Coolant |
|---------------|-----------|-------|---------|------------------|
| DT10211400311 | FACE | 1:1 | ER-32 | |
| DT10211400321 | FACE | 1:1 | ER-32 | 1500 PSI |
| DT10221400311 | FACE | 1:2 | ER-32 | |
| DT10221400321 | FACE | 1:2 | ER-32 | 1500 PSI |
| DT10241400311 | FACE | 2:1 | ER-32 | |
| DT10241400321 | FACE | 2:1 | ER-32 | 1500 PSI |
| DT10411400311 | FACE-HR | 1:1 | ER-32 | |
| DT10411400321 | FACE-HR | 1:1 | ER-32 | 1500 PSI |
| DT10421400311 | FACE-HR | 1:2 | ER-32 | |
| DT10421400321 | FACE-HR | 1:2 | ER-32 | 1500 PSI |
| DT10441400311 | FACE-HR | 2:1 | ER-32 | |
| DT10441400321 | FACE-HR | 2:1 | ER-32 | 1500 PSI |
| DT10210600311 | FACE | 1:1 | KM-40 | |
| DT10210600321 | FACE | 1:1 | KM-40 | 1500 PSI |
| DT10410600311 | FACE-HR | 1:1 | KM-40 | |
| DT10410600321 | FACE-HR | 1:1 | KM-40 | 1500 PSI |

| A (mm) | B (mm) | C (mm) | D (mm) |
|--------|--------|--------|--------|
| 50 | 50 | 52 | 115 |
| 50 | 50 | 58 | 115 |
| 50 | 50 | 52 | 115 |
| 50 | 50 | 58 | 115 |
| 50 | 50 | 52 | 115 |
| 50 | 50 | 58 | 115 |
| 50 | 50 | 52 | 115 |
| 50 | 50 | 58 | 115 |
| 50 | 50 | 52 | 115 |
| 50 | 50 | 58 | 115 |
| 50 | 50 | 52 | 115 |
| 50 | 50 | 58 | 115 |
| 28 | 40 | | 115 |
| 28 | 40 | | 115 |
| 28 | 40 | | 115 |
| 28 | 40 | | 115 |

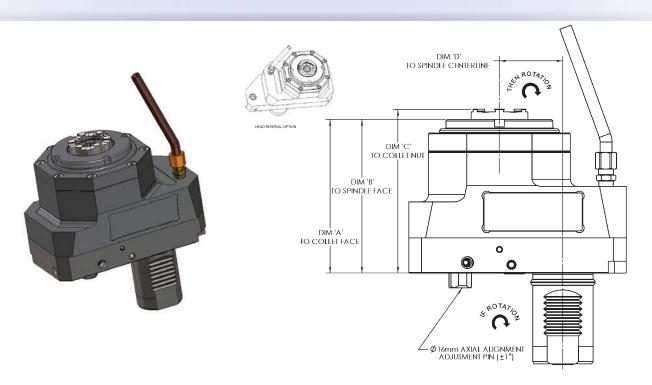
| List Price |
|------------|
| \$3,500.00 |
| \$4,500.00 |
| \$5,000.00 |
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| \$6,000.00 |
| \$3,500.00 |
| \$4,500.00 |
| \$5,000.00 |
| \$6,000.00 |
| \$5,000.00 |
| \$6,000.00 |
| \$5,500.00 |
| \$6,500.00 |
| \$5,500.00 |
| \$6,500.00 |
| |



HYPER QUADREX SERIES



HQR100MSY HQR150MSY



STRAIGHT-OFFSET (VERTICAL)

| Item Number | Tool Axis | Ratio | Spindle | Internal Coolant |
|---------------|-----------|-------|---------|------------------|
| DT10111400311 | OD | 1:1 | ER-32 | |
| DT10111400321 | OD | 1:1 | ER-32 | 1500 PSI |
| DT10121400311 | OD | 1:2 | ER-32 | |
| DT10121400321 | OD | 1:2 | ER-32 | 1500 PSI |
| DT10141400311 | OD | 2:1 | ER-32 | |
| DT10141400321 | OD | 2:1 | ER-32 | 1500 PSI |
| DT10311400311 | OD-HR | 1:1 | ER-32 | |
| DT10311400321 | OD-HR | 1:1 | ER-32 | 1500 PSI |
| DT10321400311 | OD-HR | 1:2 | ER-32 | |
| DT10321400321 | OD-HR | 1:2 | ER-32 | 1500 PSI |
| DT10341400311 | OD-HR | 2:1 | ER-32 | |
| DT10341400321 | OD-HR | 2:1 | ER-32 | 1500 PSI |
| DT10110600311 | OD | 1:1 | KM-40 | |
| DT10110600321 | OD | 1:1 | KM-40 | 1500 PSI |
| DT10310600311 | OD-HR | 1:1 | KM-40 | |
| DT10310600321 | OD-HR | 1:1 | KM-40 | 1500 PSI |

| A (mm) | B (mm) | C (mm) | D (mm) |
|--------|--------|--------|--------|
| 102 | 102 | 104 | 42 |
| 102 | 102 | 110 | 42 |
| 102 | 102 | 104 | 42 |
| 102 | 102 | 110 | 42 |
| 102 | 102 | 104 | 42 |
| 102 | 102 | 110 | 42 |
| 102 | 102 | 104 | 42 |
| 102 | 102 | 110 | 42 |
| 102 | 102 | 104 | 42 |
| 102 | 102 | 110 | 42 |
| 102 | 102 | 104 | 42 |
| 102 | 102 | 110 | 42 |
| 90 | 102 | | 42 |
| 90 | 102 | | 42 |
| 90 | 102 | | 42 |
| 90 | 102 | | 42 |

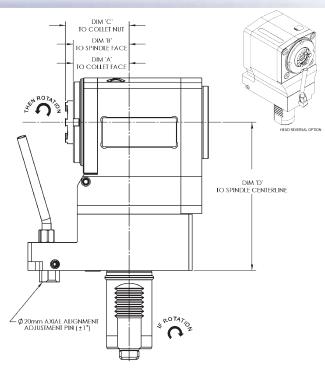
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| \$3,500.00 |
| \$4,500.00 |
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| \$4,500.00 |
| \$5,000.00 |
| \$6,000.00 |
| \$5,000.00 |
| \$6,000.00 |
| \$5,500.00 |
| \$6,500.00 |
| \$5,500.00 |
| \$6,500.00 |



HYPER QUADREX SERIES

HQR200MSY





RIGHT-ANGLE (HORIZONTAL)

| Item Number | Tool Axis | Ratio | Spindle | Internal Coolant |
|---------------|-----------|-------|---------|------------------|
| DT10211400411 | FACE | 1:1 | ER-32 | |
| DT10211400421 | FACE | 1:1 | ER-32 | 1500 PSI |
| DT10221400411 | FACE | 1:2 | ER-32 | |
| DT10221400421 | FACE | 1:2 | ER-32 | 1500 PSI |
| DT10241400411 | FACE | 2:1 | ER-32 | |
| DT10241400421 | FACE | 2:1 | ER-32 | 1500 PSI |
| DT10411400411 | FACE-HR | 1:1 | ER-32 | |
| DT10411400421 | FACE-HR | 1:1 | ER-32 | 1500 PSI |
| DT10421400411 | FACE-HR | 1:2 | ER-32 | |
| DT10421400421 | FACE-HR | 1:2 | ER-32 | 1500 PSI |
| DT10441400411 | FACE-HR | 2:1 | ER-32 | |
| DT10441400421 | FACE-HR | 2:1 | ER-32 | 1500 PSI |
| DT10210600411 | FACE | 1:1 | KM-40 | |
| DT10210600421 | FACE | 1:1 | KM-40 | 1500 PSI |
| DT10410600411 | FACE-HR | 1:1 | KM-40 | |
| DT10410600421 | FACE-HR | 1:1 | KM-40 | 1500 PSI |

| A (mm) | B (mm) | C (mm) | D (mm) |
|--------|--------|--------|--------|
| 50 | 50 | 52 | 130 |
| 50 | 50 | 58 | 130 |
| 50 | 50 | 52 | 130 |
| 50 | 50 | 58 | 130 |
| 50 | 50 | 52 | 130 |
| 50 | 50 | 58 | 130 |
| 50 | 50 | 52 | 130 |
| 50 | 50 | 58 | 130 |
| 50 | 50 | 52 | 130 |
| 50 | 50 | 58 | 130 |
| 50 | 50 | 52 | 130 |
| 50 | 50 | 58 | 130 |
| 28 | 40 | | 130 |
| 28 | 40 | | 130 |
| 28 | 40 | | 130 |
| 28 | 40 | | 130 |

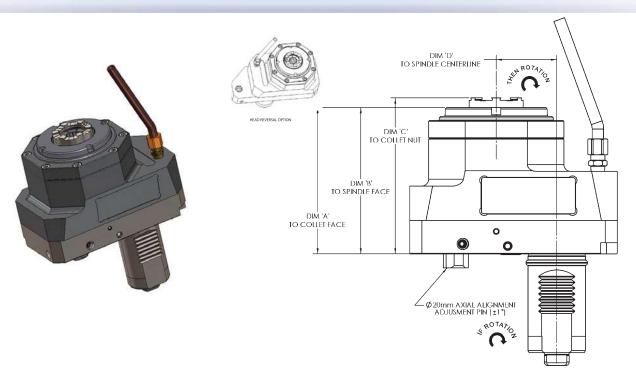
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| \$4,500.00 | |
| \$5,000.00 | |
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| \$3,500.00 | |
| \$4,500.00 | |
| \$5,000.00 | |
| \$6,000.00 | |
| \$5,000.00 | |
| \$6,000.00 | |
| \$5,500.00 | |
| \$6,500.00 | |
| \$5,500.00 | |
| \$6,500.00 | |
| | |



HYPER QUADREX SERIES



HQR200MSY



STRAIGHT-OFFSET (VERTICAL)

| Item Number | Tool Axis | Ratio | Spindle | Internal Coolant |
|---------------|-----------|-------|---------|------------------|
| DT10111400411 | OD | 1:1 | ER-32 | |
| DT10111400421 | OD | 1:1 | ER-32 | 1500 PSI |
| DT10121400411 | OD | 1:2 | ER-32 | |
| DT10121400421 | OD | 1:2 | ER-32 | 1500 PSI |
| DT10141400411 | OD | 2:1 | ER-32 | |
| DT10141400421 | OD | 2:1 | ER-32 | 1500 PSI |
| DT10311400411 | OD-HR | 1:1 | ER-32 | |
| DT10311400421 | OD-HR | 1:1 | ER-32 | 1500 PSI |
| DT10321400411 | OD-HR | 1:2 | ER-32 | |
| DT10321400421 | OD-HR | 1:2 | ER-32 | 1500 PSI |
| DT10341400411 | OD-HR | 2:1 | ER-32 | |
| DT10341400421 | OD-HR | 2:1 | ER-32 | 1500 PSI |
| DT10110600411 | OD | 1:1 | KM-40 | |
| DT10110600421 | OD | 1:1 | KM-40 | 1500 PSI |
| DT10310600411 | OD-HR | 1:1 | KM-40 | |
| DT10310600421 | OD-HR | 1:1 | KM-40 | 1500 PSI |

| A (mm) | B (mm) | C (mm) | D (mm) |
|--------|--------|--------|--------|
| 102 | 102 | 104 | 42 |
| 102 | 102 | 110 | 42 |
| 102 | 102 | 104 | 42 |
| 102 | 102 | 110 | 42 |
| 102 | 102 | 104 | 42 |
| 102 | 102 | 110 | 42 |
| 102 | 102 | 104 | 42 |
| 102 | 102 | 110 | 42 |
| 102 | 102 | 104 | 42 |
| 102 | 102 | 110 | 42 |
| 102 | 102 | 104 | 42 |
| 102 | 102 | 110 | 42 |
| 90 | 102 | | 42 |
| 90 | 102 | | 42 |
| 90 | 102 | | 42 |
| 90 | 102 | | 42 |

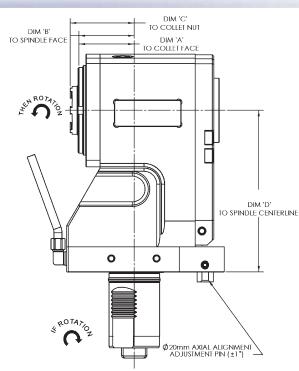
| List Price |
|------------|
| \$3,500.00 |
| \$4,500.00 |
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| \$6,000.00 |
| \$3,500.00 |
| \$4,500.00 |
| \$5,000.00 |
| \$6,000.00 |
| \$5,000.00 |
| \$6,000.00 |
| \$5,500.00 |
| \$6,500.00 |
| \$5,500.00 |
| \$6,500.00 |



MAZAK **HYPER QUADREX SERIES**

HQR450M





RIGHT-ANGLE (HORIZONTAL)

| Item Number | Tool Axis | Ratio | Spindle | Internal Coolant |
|---------------|-----------|-------|---------|------------------|
| DT10211500611 | FACE | 1:1 | ER-40 | |
| DT10211500621 | FACE | 1:1 | ER-40 | 1500 PSI |
| DT10221500611 | FACE | 1:2 | ER-40 | |
| DT10221500621 | FACE | 1:2 | ER-40 | 1500 PSI |
| DT10241500611 | FACE | 2:1 | ER-40 | |
| DT10241500621 | FACE | 2:1 | ER-40 | 1500 PSI |
| DT10210500611 | FACE | 1:1 | KM-50 | |
| DT10210500621 | FACE | 1:1 | KM-50 | 1500 PSI |

| A (mm) | B (mm) | C (mm) | D (mm) |
|--------|--------|--------|--------|
| 56 | 56 | 58 | 160 |
| 56 | 56 | 64 | 160 |
| 56 | 56 | 58 | 160 |
| 56 | 56 | 64 | 160 |
| 56 | 56 | 58 | 160 |
| 56 | 56 | 64 | 160 |
| 32 | 48 | | 160 |
| 32 | 48 | | 160 |

| List Price |
|------------|
| \$4,500.00 |
| \$5,500.00 |
| \$6,000.00 |
| \$7,000.00 |
| \$6,000.00 |
| \$7,000.00 |
| \$7,500.00 |
| \$8,500.00 |

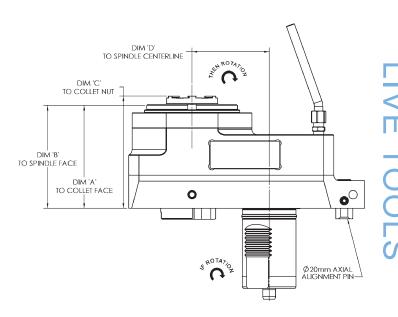


HYPER QUADREX SERIES



HQR450M





STRAIGHT-OFFSET (VERTICAL)

| Item Number | Tool Axis | Ratio | Spindle | Internal Coolant |
|---------------|-----------|-------|---------|------------------|
| DT10111500611 | OD | 1:1 | ER-40 | |
| DT10111500621 | OD | 1:1 | ER-40 | 1500 PSI |
| DT10121500611 | OD | 1:2 | ER-40 | |
| DT10121500621 | OD | 1:2 | ER-40 | 1500 PSI |
| DT10141500611 | OD | 2:1 | ER-40 | |
| DT10141500621 | OD | 2:1 | ER-40 | 1500 PSI |
| DT10110500611 | OD | 1:1 | KM-50 | |
| DT10110500621 | OD | 1:1 | KM-50 | 1500 PSI |

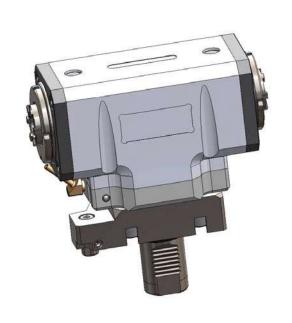
| A (mm) | B (mm) | C (mm) | D (mm) |
|--------|--------|--------|--------|
| 96 | 96 | 99 | 72 |
| 96 | 96 | 105 | 72 |
| 96 | 96 | 99 | 72 |
| 96 | 96 | 105 | 72 |
| 96 | 96 | 99 | 72 |
| 96 | 96 | 105 | 72 |
| 100 | 114 | | 72 |
| 100 | 114 | | 72 |

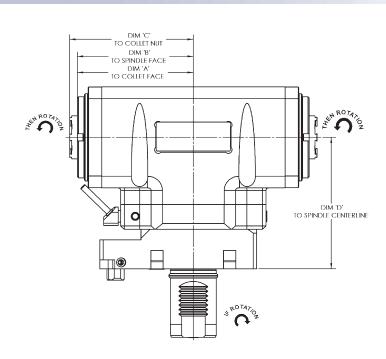
| List Price |
|------------|
| \$4,500.00 |
| \$5,500.00 |
| \$6,000.00 |
| \$7,000.00 |
| \$6,000.00 |
| \$7,000.00 |
| \$7,500.00 |
| \$8,500.00 |



HYPER QUADREX SERIES

HQR100MSY **HQR150MSY HQR200MSY** HQR450M





RIGHT-ANGLE DUAL-HEAD (HORIZONTAL)

HQR100MSY **HQR150MSY**

| Item Number | Tool Axis | Ratio | Spindle | Internal Coolant |
|---------------|-----------|-------|---------|------------------|
| DT10511400311 | FACE-DH | 1:1 | ER-32 | |
| DT10511400321 | FACE-DH | 1:1 | ER-32 | 1500 PSI |

| A (mm) | B (mm) | C (mm) | D (mm) |
|--------|--------|--------|--------|
| 101 | 101 | 103 | 115 |
| 101 | 101 | 108 | 115 |

| List Price | |
|------------|--|
| \$5,000.00 | |
| \$6,500.00 | |

HQR200MSY

| Item Number | Tool Axis | Ratio | Spindle | Internal Coolant |
|---------------|-----------|-------|---------|------------------|
| DT10511400411 | FACE-DH | 1:1 | ER-32 | |
| DT10511400421 | FACE-DH | 1:1 | ER-32 | 1500 PSI |

| A (mm) | B (mm) | C (mm) | D (mm) |
|--------|--------|--------|--------|
| 101 | 101 | 103 | 130 |
| 101 | 101 | 108 | 130 |

List Price \$5,000.00 \$6,500.00

Von Ruden Manufacturing, Inc. 1008 First Street NE, Buffalo, MN 55313 USA Phone: (763) 682-3122 Internet: www.vonruden.com

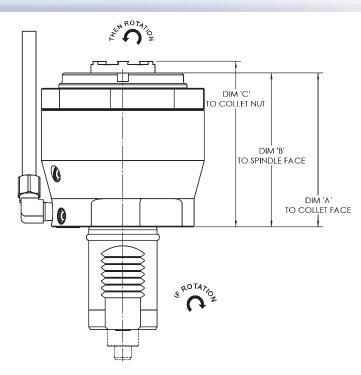


HYPER QUADREX SERIES



HQR100MSY HQR150MSY HQR200MSY HQR450M





STRAIGHT (VERTICAL)

HQR100MSY HQR150MSY

| Item Number | Tool Axis | Ratio | Spindle | Internal Coolant |
|---------------|-----------|-------|---------|------------------|
| DT10611400311 | OD | 1:1 | ER-32 | |
| DT10611400321 | OD | 1:1 | ER-32 | 1500 PSI |

| A (mm) | B (mm) | C (mm) | D (mm) |
|--------|--------|--------|--------|
| 64 | 64 | 66 | |
| 90 | 90 | 98 | |

| List Price |
|------------|
| \$2,000.00 |
| \$3,500.00 |

HQR200MSY

| Item Number | Tool Axis | Ratio | Spindle | Internal Coolant |
|---------------|-----------|-------|---------|------------------|
| DT10611400411 | OD | 1:1 | ER-32 | |
| DT10611400421 | OD | 1:1 | ER-32 | 1500 PSI |

| A (mm) | B (mm) | C (mm) | D (mm) |
|--------|--------|--------|--------|
| 64 | 64 | 66 | |
| 90 | 90 | 98 | |

| List Price |
|------------|
| \$2,000.00 |
| \$3,500.00 |

HQR450M

Page 8

| Item Number | Tool Axis | Ratio | Spindle | Internal Coolant |
|---------------|-----------|-------|---------|-------------------------|
| DT10611500511 | OD | 1:1 | ER-40 | |
| DT10611500521 | OD | 1:1 | ER-40 | 1500 PSI |

| A (mm) | B (mm) | C (mm) | D (mm) |
|--------|--------|--------|--------|
| 78 | 78 | 81 | |
| 102 | 102 | 111 | |

List Price \$3,000.00 \$4,500.00

Von Ruden Manufacturing, Inc.

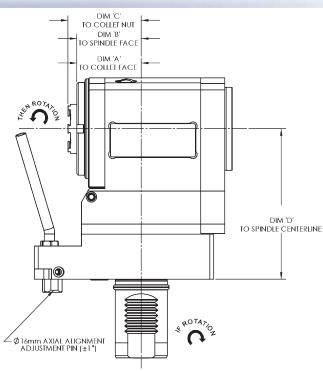
1008 First Street NE, Buffalo, MN 55313 USA Phone: (763) 682-3122 Internet: www.vonruden.com





MPX6100 (Y)





RIGHT-ANGLE (HORIZONTAL)

| Item Number | Tool Axis | Ratio | Spindle | Internal Coolant |
|---------------|-----------|-------|---------|------------------|
| DT10211400311 | FACE | 1:1 | ER-32 | |
| DT10211400321 | FACE | 1:1 | ER-32 | 1500 PSI |
| DT10221400311 | FACE | 1:2 | ER-32 | |
| DT10221400321 | FACE | 1:2 | ER-32 | 1500 PSI |
| DT10241400311 | FACE | 2:1 | ER-32 | |
| DT10241400321 | FACE | 2:1 | ER-32 | 1500 PSI |
| DT10210600311 | FACE | 1:1 | KM-40 | |
| DT10210600321 | FACE | 1:1 | KM-40 | 1500 PSI |

| A (mm) | B (mm) | C (mm) | D (mm) |
|--------|--------|--------|--------|
| 50 | 50 | 52 | 115 |
| 50 | 50 | 58 | 115 |
| 50 | 50 | 52 | 115 |
| 50 | 50 | 58 | 115 |
| 50 | 50 | 52 | 115 |
| 50 | 50 | 58 | 115 |
| 28 | 40 | | 115 |
| 28 | 40 | | 115 |

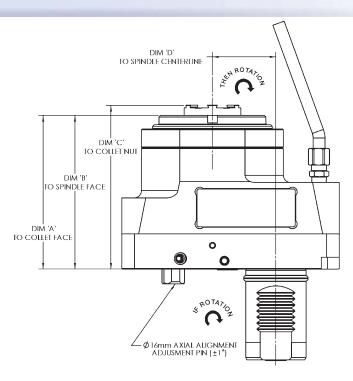
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| \$3,500.00 |
| \$4,500.00 |
| \$5,000.00 |
| \$6,000.00 |
| \$5,000.00 |
| \$6,000.00 |
| \$5,500.00 |
| \$6,500.00 |





MPX6100 (Y)





STRAIGHT-OFFSET (VERTICAL)

| Item Number | Tool Axis | Ratio | Spindle | Internal Coolant |
|---------------|-----------|-------|---------|------------------|
| DT10111400311 | OD | 1:1 | ER-32 | |
| DT10111400321 | OD | 1:1 | ER-32 | 1500 PSI |
| DT10121400311 | OD | 1:2 | ER-32 | |
| DT10121400321 | OD | 1:2 | ER-32 | 1500 PSI |
| DT10141400311 | OD | 2:1 | ER-32 | |
| DT10141400321 | OD | 2:1 | ER-32 | 1500 PSI |
| DT10110600311 | OD | 1:1 | KM-40 | |
| DT10110600321 | OD | 1:1 | KM-40 | 1500 PSI |

| A (mm) | B (mm) | C (mm) | D (mm) |
|--------|--------|--------|--------|
| 102 | 102 | 104 | 42 |
| 102 | 102 | 110 | 42 |
| 102 | 102 | 104 | 42 |
| 102 | 102 | 110 | 42 |
| 102 | 102 | 104 | 42 |
| 102 | 102 | 110 | 42 |
| 90 | 102 | | 42 |
| 90 | 102 | | 42 |

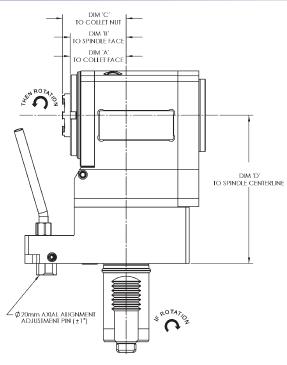
| List Price |
|------------|
| \$3,500.00 |
| \$4,500.00 |
| \$5,000.00 |
| \$6,000.00 |
| \$5,000.00 |
| \$6,000.00 |
| \$5,500.00 |
| \$6,500.00 |





MPX6200 (Y) **MPX6250 MPX8200**





RIGHT-ANGLE (HORIZONTAL)

| Item Number | Tool Axis | Ratio | Spindle | Internal Coolant |
|---------------|-----------|-------|---------|------------------|
| DT10211400411 | FACE | 1:1 | ER-32 | |
| DT10211400421 | FACE | 1:1 | ER-32 | 1500 PSI |
| DT10221400411 | FACE | 1:2 | ER-32 | |
| DT10221400421 | FACE | 1:2 | ER-32 | 1500 PSI |
| DT10241400411 | FACE | 2:1 | ER-32 | |
| DT10241400421 | FACE | 2:1 | ER-32 | 1500 PSI |
| DT10210600411 | FACE | 1:1 | KM-40 | |
| DT10210600421 | FACE | 1:1 | KM-40 | 1500 PSI |

| A (mm) | B (mm) | C (mm) | D (mm) |
|--------|--------|--------|--------|
| 50 | 50 | 52 | 130 |
| 50 | 50 | 58 | 130 |
| 50 | 50 | 52 | 130 |
| 50 | 50 | 58 | 130 |
| 50 | 50 | 52 | 130 |
| 50 | 50 | 58 | 130 |
| 28 | 40 | I | 130 |
| 28 | 40 | | 130 |

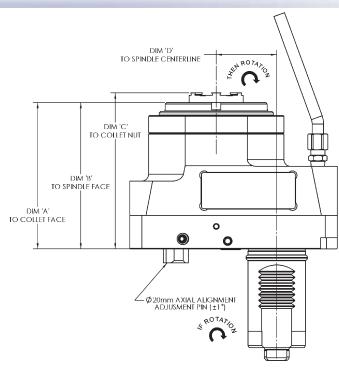
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|------------|
| \$3,500.00 |
| \$4,500.00 |
| \$5,000.00 |
| \$6,000.00 |
| \$5,000.00 |
| \$6,000.00 |
| \$5,500.00 |
| \$6,500.00 |





MPX6200 (Y) **MPX6250 MPX8200**





STRAIGHT-OFFSET (VERTICAL)

| Item Number | Tool Axis | Ratio | Spindle | Internal Coolant |
|---------------|-----------|-------|---------|------------------|
| DT10111400411 | OD | 1:1 | ER-32 | |
| DT10111400421 | OD | 1:1 | ER-32 | 1500 PSI |
| DT10121400411 | OD | 1:2 | ER-32 | |
| DT10121400421 | OD | 1:2 | ER-32 | 1500 PSI |
| DT10141400411 | OD | 2:1 | ER-32 | |
| DT10141400421 | OD | 2:1 | ER-32 | 1500 PSI |
| DT10110600411 | OD | 1:1 | KM-40 | |
| DT10110600421 | OD | 1:1 | KM-40 | 1500 PSI |

| A (mm) | B (mm) | C (mm) | D (mm) |
|--------|--------|--------|--------|
| 102 | 102 | 104 | 42 |
| 102 | 102 | 110 | 42 |
| 102 | 102 | 104 | 42 |
| 102 | 102 | 110 | 42 |
| 102 | 102 | 104 | 42 |
| 102 | 102 | 110 | 42 |
| 90 | 102 | | 42 |
| 90 | 102 | | 42 |
| | | | |

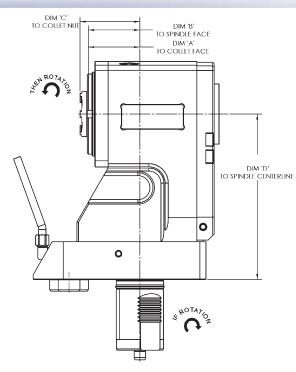
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| \$4,500.00 |
| \$5,000.00 |
| \$6,000.00 |
| \$5,000.00 |
| \$6,000.00 |
| \$5,500.00 |
| \$6,500.00 |





MPX6300 (Y)





RIGHT-ANGLE (HORIZONTAL)

| Item Number | Tool Axis | Ratio | Spindle | Internal Coolant |
|---------------|-----------|-------|---------|------------------|
| DT10211500511 | FACE | 1:1 | ER-40 | |
| DT10211500521 | FACE | 1:1 | ER-40 | 1500 PSI |
| DT10221500511 | FACE | 1:2 | ER-40 | |
| DT10221500521 | FACE | 1:2 | ER-40 | 1500 PSI |
| DT10241500511 | FACE | 2:1 | ER-40 | |
| DT10241500521 | FACE | 2:1 | ER-40 | 1500 PSI |
| DT10210500511 | FACE | 1:1 | KM-50 | |
| DT10210500521 | FACE | 1:1 | KM-50 | 1500 PSI |

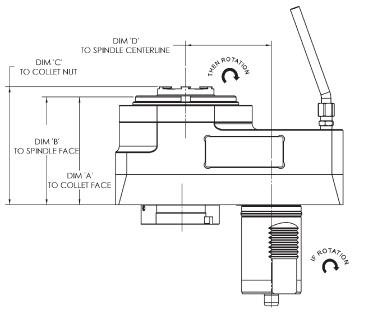
| A (mm) | B (mm) | C (mm) | D (mm) |
|--------|--------|--------|--------|
| 55 | 55 | 58 | 175 |
| 55 | 55 | 64 | 175 |
| 55 | 55 | 58 | 175 |
| 55 | 55 | 64 | 175 |
| 55 | 55 | 58 | 175 |
| 55 | 55 | 64 | 175 |
| 32 | 48 | | 175 |
| 32 | 48 | | 175 |

| List Price |
|------------|
| \$4,500.00 |
| \$5,500.00 |
| \$6,000.00 |
| \$7,000.00 |
| \$6,000.00 |
| \$7,000.00 |
| \$7,500.00 |
| \$8,500.00 |

MAZAK **MULTIPLEX SERIES**

MPX6300 (Y)





STRAIGHT-OFFSET (VERTICAL)

| Item Number | Tool Axis | Ratio | Spindle | Internal Coolant |
|---------------|-----------|-------|---------|------------------|
| DT10111500511 | OD | 1:1 | ER-40 | |
| DT10111500521 | OD | 1:1 | ER-40 | 1500 PSI |
| DT10121500511 | OD | 1:2 | ER-40 | |
| DT10121500521 | OD | 1:2 | ER-40 | 1500 PSI |
| DT10141500511 | OD | 2:1 | ER-40 | |
| DT10141500521 | OD | 2:1 | ER-40 | 1500 PSI |
| DT10110500511 | OD | 1:1 | KM-50 | |
| DT10110500521 | OD | 1:1 | KM-50 | 1500 PSI |

| A (mm) | B (mm) | C (mm) | D (mm) |
|--------|--------|--------|--------|
| 91 | 91 | 94 | 72 |
| 91 | 91 | 100 | 72 |
| 91 | 91 | 94 | 72 |
| 91 | 91 | 100 | 72 |
| 91 | 91 | 94 | 72 |
| 91 | 91 | 100 | 72 |
| 93 | 109 | | 72 |
| 93 | 109 | | 72 |

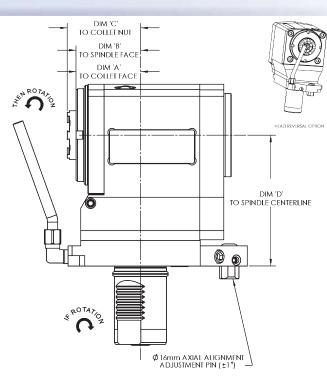
| List Price |
|------------|
| \$4,500.00 |
| \$5,500.00 |
| \$6,000.00 |
| \$7,000.00 |
| \$6,000.00 |
| \$7,000.00 |
| \$7,500.00 |
| \$8,500.00 |



NEXUS QUICK TURN SERIES

QTN100-II M (MS - MY - MSY)





RIGHT-ANGLE (HORIZONTAL)

| Item Number | Tool Axis | Ratio | Spindle | Internal Coolant |
|---------------|-----------|-------|---------|------------------|
| DT10211400111 | FACE | 1:1 | ER-32 | |
| DT10211400121 | FACE | 1:1 | ER-32 | 1500 PSI |
| DT10221400111 | FACE | 1:2 | ER-32 | |
| DT10221400121 | FACE | 1:2 | ER-32 | 1500 PSI |
| DT10241400111 | FACE | 2:1 | ER-32 | |
| DT10241400121 | FACE | 2:1 | ER-32 | 1500 PSI |
| DT10411400111 | FACE-HR | 1:1 | ER-32 | |
| DT10411400121 | FACE-HR | 1:1 | ER-32 | 1500 PSI |
| DT10421400111 | FACE-HR | 1:2 | ER-32 | |
| DT10421400121 | FACE-HR | 1:2 | ER-32 | 1500 PSI |
| DT10441400111 | FACE-HR | 2:1 | ER-32 | |
| DT10441400121 | FACE-HR | 2:1 | ER-32 | 1500 PSI |
| DT10210600111 | FACE | 1:1 | KM-40 | |
| DT10210600121 | FACE | 1:1 | KM-40 | 1500 PSI |
| DT10410600111 | FACE-HR | 1:1 | KM-40 | |
| DT10410600121 | FACE-HR | 1:1 | KM-40 | 1500 PSI |

| A (mm) | B (mm) | C (mm) | D (mm) |
|--------|--------|--------|--------|
| 50 | 50 | 52 | 100 |
| 50 | 50 | 58 | 100 |
| 50 | 50 | 52 | 100 |
| 50 | 50 | 58 | 100 |
| 50 | 50 | 52 | 100 |
| 50 | 50 | 58 | 100 |
| 50 | 50 | 52 | 100 |
| 50 | 50 | 58 | 100 |
| 50 | 50 | 52 | 100 |
| 50 | 50 | 58 | 100 |
| 50 | 50 | 52 | 100 |
| 50 | 50 | 58 | 100 |
| 28 | 40 | | 100 |
| 28 | 40 | | 100 |
| 28 | 40 | | 100 |
| 28 | 40 | | 100 |

| List Price |
|------------|
| \$3,500.00 |
| \$4,500.00 |
| \$5,000.00 |
| \$6,000.00 |
| \$5,000.00 |
| \$6,000.00 |
| \$3,500.00 |
| \$4,500.00 |
| \$5,000.00 |
| \$6,000.00 |
| \$5,000.00 |
| \$6,000.00 |
| \$5,500.00 |
| \$6,500.00 |
| \$5,500.00 |
| \$6,500.00 |
| |

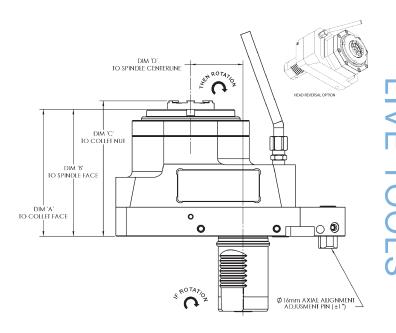


NEXUS QUICK TURN SERIES



QTN100-II M (MS - MY - MSY)





STRAIGHT-OFFSET (VERTICAL)

| Item Number | Tool Axis | Ratio | Spindle | Internal Coolant |
|---------------|-----------|-------|---------|------------------|
| DT10111400111 | OD | 1:1 | ER-32 | |
| DT10111400121 | OD | 1:1 | ER-32 | 1500 PSI |
| DT10121400111 | OD | 1:2 | ER-32 | |
| DT10121400121 | OD | 1:2 | ER-32 | 1500 PSI |
| DT10141400111 | OD | 2:1 | ER-32 | |
| DT10141400121 | OD | 2:1 | ER-32 | 1500 PSI |
| DT10311400111 | OD-HR | 1:1 | ER-32 | |
| DT10311400121 | OD-HR | 1:1 | ER-32 | 1500 PSI |
| DT10321400111 | OD-HR | 1:2 | ER-32 | |
| DT10321400121 | OD-HR | 1:2 | ER-32 | 1500 PSI |
| DT10341400111 | OD-HR | 2:1 | ER-32 | |
| DT10341400121 | OD-HR | 2:1 | ER-32 | 1500 PSI |
| DT10110600111 | OD | 1:1 | KM-40 | |
| DT10110600121 | OD | 1:1 | KM-40 | 1500 PSI |
| DT10310600111 | OD-HR | 1:1 | KM-40 | |
| DT10310600121 | OD-HR | 1:1 | KM-40 | 1500 PSI |

| A (mm) | B (mm) | C (mm) | D (mm) |
|--------|--------|--------|--------|
| 102 | 102 | 104 | 42 |
| 102 | 102 | 110 | 42 |
| 102 | 102 | 104 | 42 |
| 102 | 102 | 110 | 42 |
| 102 | 102 | 104 | 42 |
| 102 | 102 | 110 | 42 |
| 102 | 102 | 104 | 42 |
| 102 | 102 | 110 | 42 |
| 102 | 102 | 104 | 42 |
| 102 | 102 | 110 | 42 |
| 102 | 102 | 104 | 42 |
| 102 | 102 | 110 | 42 |
| 90 | 102 | | 42 |
| 90 | 102 | | 42 |
| 90 | 102 | | 42 |
| 90 | 102 | | 42 |

| List Price |
|------------|
| \$3,500.00 |
| \$4,500.00 |
| \$5,000.00 |
| \$6,000.00 |
| \$5,000.00 |
| \$6,000.00 |
| \$3,500.00 |
| \$4,500.00 |
| \$5,000.00 |
| \$6,000.00 |
| \$5,000.00 |
| \$6,000.00 |
| \$5,500.00 |
| \$6,500.00 |
| \$5,500.00 |
| \$6,500.00 |
| \$6,500.00 |

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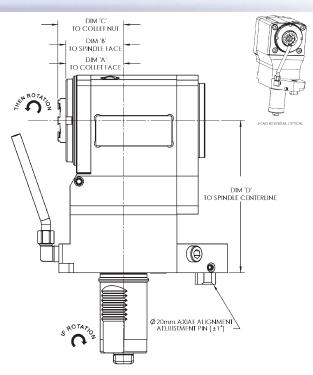
Von Ruden Manufacturing, Inc. 1008 First Street NE, Buffalo, MN 55313 USA Phone: (763) 682-3122 Internet: www.vonruden.com



NEXUS QUICK TURN SERIES

QTN200-II M (MS - MY - MSY) QTN250-II M (MS - MY - MSY)





RIGHT-ANGLE (HORIZONTAL)

| Item Number | Tool Axis | Ratio | Spindle | Internal Coolant |
|---------------|-----------|-------|---------|------------------|
| DT10211400211 | FACE | 1:1 | ER-32 | |
| DT10211400221 | FACE | 1:1 | ER-32 | 1500 PSI |
| DT10221400211 | FACE | 1:2 | ER-32 | |
| DT10221400221 | FACE | 1:2 | ER-32 | 1500 PSI |
| DT10241400211 | FACE | 2:1 | ER-32 | |
| DT10241400221 | FACE | 2:1 | ER-32 | 1500 PSI |
| DT10411400211 | FACE-HR | 1:1 | ER-32 | |
| DT10411400221 | FACE-HR | 1:1 | ER-32 | 1500 PSI |
| DT10421400211 | FACE-HR | 1:2 | ER-32 | |
| DT10421400221 | FACE-HR | 1:2 | ER-32 | 1500 PSI |
| DT10441400211 | FACE-HR | 2:1 | ER-32 | |
| DT10441400221 | FACE-HR | 2:1 | ER-32 | 1500 PSI |
| DT10210600211 | FACE | 1:1 | KM-40 | |
| DT10210600221 | FACE | 1:1 | KM-40 | 1500 PSI |
| DT10410600211 | FACE-HR | 1:1 | KM-40 | |
| DT10410600221 | FACE-HR | 1:1 | KM-40 | 1500 PSI |

| A (mm) | B (mm) | C (mm) | D (mm) |
|--------|--------|--------|--------|
| 50 | 50 | 52 | 130 |
| 50 | 50 | 58 | 130 |
| 50 | 50 | 52 | 130 |
| 50 | 50 | 58 | 130 |
| 50 | 50 | 52 | 130 |
| 50 | 50 | 58 | 130 |
| 50 | 50 | 52 | 130 |
| 50 | 50 | 58 | 130 |
| 50 | 50 | 52 | 130 |
| 50 | 50 | 58 | 130 |
| 50 | 50 | 52 | 130 |
| 50 | 50 | 58 | 130 |
| 28 | 40 | | 130 |
| 28 | 40 | | 130 |
| 28 | 40 | | 130 |
| 28 | 40 | | 130 |

| List Price |
|------------|
| \$3,500.00 |
| \$4,500.00 |
| \$5,000.00 |
| \$6,000.00 |
| \$5,000.00 |
| \$6,000.00 |
| \$3,500.00 |
| \$4,500.00 |
| \$5,000.00 |
| \$6,000.00 |
| \$5,000.00 |
| \$6,000.00 |
| \$5,500.00 |
| \$6,500.00 |
| \$5,500.00 |
| \$6,500.00 |

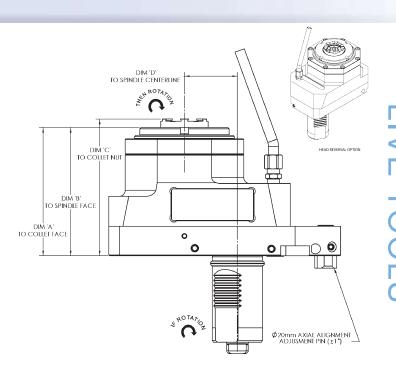


NEXUS QUICK TURN SERIES



QTN200-II M (MS - MY - MSY) QTN250-II M (MS - MY - MSY)





STRAIGHT-OFFSET (VERTICAL)

| Item Number | Tool Axis | Ratio | Spindle | Internal Coolant |
|---------------|-----------|-------|---------|------------------|
| DT10111400211 | OD | 1:1 | ER-32 | |
| DT10111400221 | OD | 1:1 | ER-32 | 1500 PSI |
| DT10121400211 | OD | 1:2 | ER-32 | |
| DT10121400221 | OD | 1:2 | ER-32 | 1500 PSI |
| DT10141400211 | OD | 2:1 | ER-32 | |
| DT10141400221 | OD | 2:1 | ER-32 | 1500 PSI |
| DT10311400211 | OD-HR | 1:1 | ER-32 | |
| DT10311400221 | OD-HR | 1:1 | ER-32 | 1500 PSI |
| DT10321400211 | OD-HR | 1:2 | ER-32 | |
| DT10321400221 | OD-HR | 1:2 | ER-32 | 1500 PSI |
| DT10341400211 | OD-HR | 2:1 | ER-32 | |
| DT10341400221 | OD-HR | 2:1 | ER-32 | 1500 PSI |
| DT10110600211 | OD | 1:1 | KM-40 | |
| DT10110600221 | OD | 1:1 | KM-40 | 1500 PSI |
| DT10310600211 | OD-HR | 1:1 | KM-40 | |
| DT10310600221 | OD-HR | 1:1 | KM-40 | 1500 PSI |

| A (mm) | B (mm) | C (mm) | D (mm) |
|--------|--------|--------|--------|
| 102 | 102 | 104 | 42 |
| 102 | 102 | 110 | 42 |
| 102 | 102 | 104 | 42 |
| 102 | 102 | 110 | 42 |
| 102 | 102 | 104 | 42 |
| 102 | 102 | 110 | 42 |
| 102 | 102 | 104 | 42 |
| 102 | 102 | 110 | 42 |
| 102 | 102 | 104 | 42 |
| 102 | 102 | 110 | 42 |
| 102 | 102 | 104 | 42 |
| 102 | 102 | 110 | 42 |
| 90 | 102 | | 42 |
| 90 | 102 | | 42 |
| 90 | 102 | | 42 |
| 90 | 102 | | 42 |

| List Price |
|------------|
| \$3,500.00 |
| \$4,500.00 |
| \$5,000.00 |
| \$6,000.00 |
| \$5,000.00 |
| \$6,000.00 |
| \$3,500.00 |
| \$4,500.00 |
| \$5,000.00 |
| \$6,000.00 |
| \$5,000.00 |
| \$6,000.00 |
| \$5,500.00 |
| \$6,500.00 |
| \$5,500.00 |
| \$6,500.00 |

Rev. 07-11-A

Von Ruden Manufacturing, Inc. 1008 First Street NE, Buffalo, MN 55313 USA Phone: (763) 682-3122 Internet: www.vonruden.com

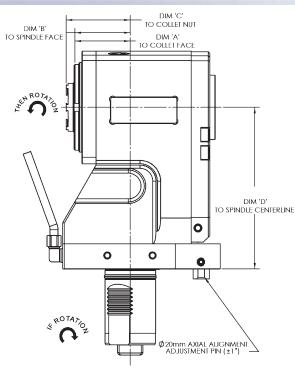


NEXUS QUICK TURN SERIES

QTN400-II M QTN450-II M

QTN300-II M QTN350-II M (MY)





RIGHT-ANGLE (HORIZONTAL)

| Item Number | Tool Axis | Ratio | Spindle | Internal Coolant |
|---------------|-----------|-------|---------|------------------|
| DT10211500611 | FACE | 1:1 | ER-40 | |
| DT10211500621 | FACE | 1:1 | ER-40 | 1500 PSI |
| DT10221500611 | FACE | 1:2 | ER-40 | |
| DT10221500621 | FACE | 1:2 | ER-40 | 1500 PSI |
| DT10241500611 | FACE | 2:1 | ER-40 | |
| DT10241500621 | FACE | 2:1 | ER-40 | 1500 PSI |
| DT10210500611 | FACE | 1:1 | KM-50 | |
| DT10210500621 | FACE | 1:1 | KM-50 | 1500 PSI |

| A (mm) | B (mm) | C (mm) | D (mm) |
|--------|--------|--------|--------|
| 55 | 55 | 58 | 160 |
| 55 | 55 | 64 | 160 |
| 55 | 55 | 58 | 160 |
| 55 | 55 | 64 | 160 |
| 55 | 55 | 58 | 160 |
| 55 | 55 | 64 | 160 |
| 32 | 48 | | 160 |
| 32 | 48 | | 160 |

| List Price |
|------------|
| \$4,500.00 |
| \$5,500.00 |
| \$6,000.00 |
| \$7,000.00 |
| \$6,000.00 |
| \$7,000.00 |
| \$7,500.00 |
| \$8.500.00 |



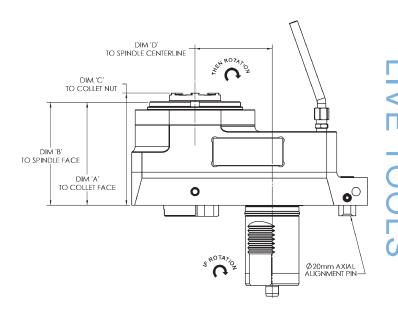
NEXUS QUICK TURN SERIES



QTN400-II M QTN450-II M

QTN300-II M QTN350-II M (MY)





STRAIGHT-OFFSET (VERTICAL)

| Item Number | Tool Axis | Ratio | Spindle | Internal Coolant |
|---------------|-----------|-------|---------|------------------|
| DT10111500611 | OD | 1:1 | ER-40 | |
| DT10111500621 | OD | 1:1 | ER-40 | 1500 PSI |
| DT10121500611 | OD | 1:2 | ER-40 | |
| DT10121500621 | OD | 1:2 | ER-40 | 1500 PSI |
| DT10141500611 | OD | 2:1 | ER-40 | |
| DT10141500621 | OD | 2:1 | ER-40 | 1500 PSI |
| DT10110500611 | OD | 1:1 | KM-50 | |
| DT10110500621 | OD | 1:1 | KM-50 | 1500 PSI |

| A (mm) | B (mm) | C (mm) | D (mm) |
|--------|--------|--------|--------|
| 96 | 96 | 99 | 72 |
| 96 | 96 | 105 | 72 |
| 96 | 96 | 99 | 72 |
| 96 | 96 | 105 | 72 |
| 96 | 96 | 99 | 72 |
| 96 | 96 | 105 | 72 |
| 99 | 114 | | 72 |
| 99 | 114 | | 72 |

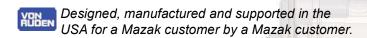
| List Price |
|------------|
| \$4,500.00 |
| \$5,500.00 |
| \$6,000.00 |
| \$7,000.00 |
| \$6,000.00 |
| \$7,000.00 |
| \$7,500.00 |
| \$8.500.00 |

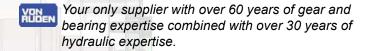
Von Ruden Manufacturing, Inc.



HYPER QUADREX SERIES MULTIPLEX SERIES QUICK TURN NEXUS SERIES

Why do over 94% of our test programs result in customer purchases...?





- All tools are designed to each specific machine as to not limit your equipment's capabilities.
- Quality high precision spindle bearings (ABEC 7 / P4 minimum) are used for performance, rigidity and durability for smooth operation and long life giving the assurance of solid performance.
- Maximum use of each machine's turret cone for larger diameter duplex bearings set around the clamping system without interference to neighboring tools.
- Highest quality seals and o-rings for protection against external contamination. Long-life premium grease for optimum lubrication environment.
- Recessed spindle configurations reduces the length of moment arm for longer bearing life while maximizing tool lengths.
- Bodies are made of high quality steels with a one piece base for maximum rigidity and wear resistance. Black oxide coated and/or melonited for a professional finish.
- Internal and External combination coolant options. High pressure internal coolant option up to 1,500 PSI.
- Hardened and honed right-angle spiral bevel and spur cut gears provide for long life, high strength and quiet operation.
- Industry proven ER Tooling System for reliable and controlled machining. Wrenches Included!
- All tools are packaged with specification sheets, operating instructions and audit-test reports.
- Kennametal® Modular Quick-Change Tooling System for reliable and efficient tool changes.
- 48 Hour Service on repairs! We have even done them in less than one hour. We understand your urgency as we are a customer too!

