



EXSYS® **EPPINGER**

Tooling Catalog

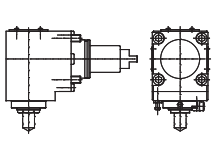


EXSYS Automation, Inc.
15200 Citrus Country Drive
Dade City, Florida 33523
P : 352.588.4345 F : 352.588.4821
www.exsysautomation.com

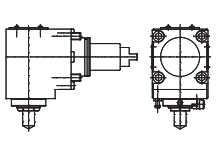
BMT65
- SL Series
SL-300 / SL-400
SL-500 / SL-500A



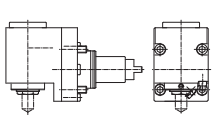
7.073.240 External Coolant
7.073.364 Internal Coolant
 • Drilling and Milling Head
 • Axial, Collet Chuck, ER32, CC
 • **PRECI-FLEX®**



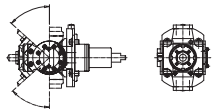
7.073.271 External Coolant
7.073.365 Internal Coolant
 • Drilling and Milling Head
 • Radial, Right Hand / Left Hand
 • Collet Chuck, ER32, CC
 • 72mm Centerline
 • **PRECI-FLEX®**



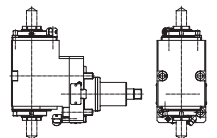
7.073.282 External Coolant
7.073.366 Internal Coolant
 • Drilling and Milling Head
 • Radial, Right Hand / Left Hand
 • Collet Chuck, ER32, CC
 • 100mm Centerline
 • **PRECI-FLEX®**



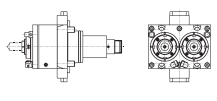
7.073.283 External Coolant
7.073.367 Internal Coolant
 • Drilling and Milling Head
 • Radial, Right Hand / Left Hand
 • Collet Chuck, ER32, Offset, CC
 • **PRECI-FLEX®**



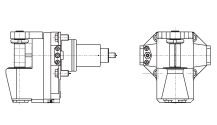
7.073.608 External Coolant
 • Drilling and Milling Head
 • Axial, Angular Adjustable
 • Collet Chuck, ER20, CC
 • **PRECI-FLEX®**



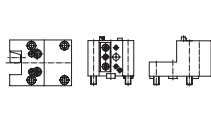
7.073.505 External Coolant
 • Drilling and Milling Head
 • Radial, Double Sided
 • Collet Chuck, ER32
 • **PRECI-FLEX®**



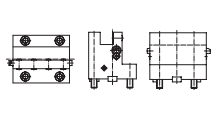
7.076.650 External Coolant
 • Drilling and Milling Head
 • Dual Axial, Y-Axis Offset
 • Collet Chuck, ER25, CC
 • **PRECI-FLEX®**



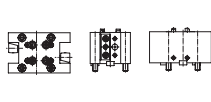
7.077.350 External Coolant
 • Device for Gear Hobbing
 • Cutter Arbor Ø22mm
 • Angular Adjustable ±20°
 • Ratio : 1:1; 5000RPM, CC
 • Torque : 25Nm



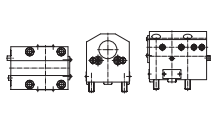
7.077.308 Ext. Coolant (1")
7.074.010 Ext. Coolant (25mm)
 • Type I Axial
 • OD Tool Holder
 • Axial, Left Hand Offset
 Rectangular Transverse



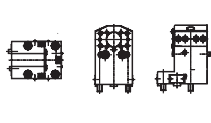
7.077.306 Ext. Coolant (1")
7.074.017 Ext. Coolant (25mm)
 • Type II Axial
 • OD Tool Holder
 • Radial, Right Hand / Left Hand
 Rectangular Transverse



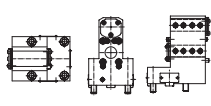
7.078.117 Ext. Coolant (1")
7.074.015 Ext. Coolant (25mm)
 • Double OD Tool Holder
 • Axial, Multiple Rectangular
 Transverse




7.077.304 - (1 1/2")
7.074.030 - (40mm)
 • Single Boring Bar Holder
 • Right Hand / Left Hand
 • External & Internal Coolant
 • Puma 300




7.077.300 - (1 1/2")
7.074.065 - (40mm)
 • Single Boring Bar Holder
 • Right Hand / Left Hand
 • Extended Version
 • External & Internal Coolant



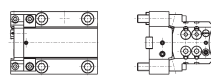
7.077.302 - (1")
7.074.035 - (25mm)
 • Double Boring Bar Holder
 • Right Hand / Left Hand
 • External & Internal Coolant



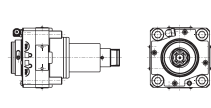
7.076.022 Ext. Coolant (20mm)
 • Dual Offset OD Tool Holder
 • Y-Axis



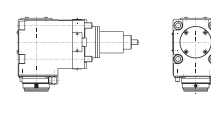
7.076.228 Ext. Coolant (20mm)
 • Quad OD Tool Holder
 • Multiple Rectangular
 Transverse



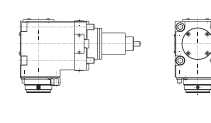
7.075.950 Ext / Int Coolant
 • Cut-off Tool Holder
 • Axial, Right Hand / Left Hand
 • System Iscar and Coromant



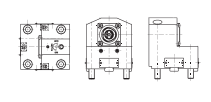
7.076.640 External Coolant
7.077.618 Internal Coolant
 • Drilling and Milling Head
 • Axial, Straight, CC
 • **Compacto C4** (PSC40)



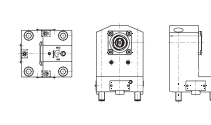
7.077.620 External Coolant
7.077.622 Internal Coolant
 • Drilling and Milling Head
 • Radial, RH - LH, CC
 • 72mm Centerline
 • **Compacto C4** (PSC40)



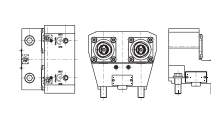
7.076.915 External Coolant
7.077.624 Internal Coolant
 • Drilling and Milling Head
 • Radial, RH - LH, CC
 • 100mm Centerline
 • **Compacto C4** (PSC40)



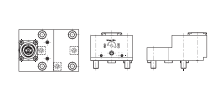
7.076.775 - Right Hand
7.077.513 - Left Hand
 • Face Tool Holder
 • External / Internal Coolant
 • **Compacto C4** (PSC40)



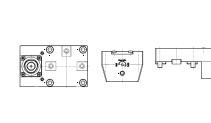
7.077.110 - Right Hand
7.077.245 - Left Hand
 • OD Tool Holder
 • Extended Version
 • External / Internal Coolant
 • **Compacto C4** (PSC40)



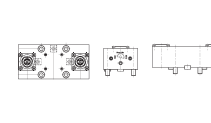
7.077.523 - Right Hand
7.077.524 - Left Hand
 • OD Tool Holder
 • Double Version
 • External / Internal Coolant
 • **Compacto C4** (PSC40)



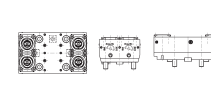
7.076.755 - Right Hand
7.077.200 - Left Hand
 • OD Tool Holder
 • Internal Coolant
 • **Compacto C4** (PSC40)



7.077.558 - Right Hand
7.077.559 - Left Hand
 • OD Tool Holder
 • Flush Mount Version
 • External / Internal Coolant
 • **Compacto C4** (PSC40)



7.076.772 - Right Hand
7.077.234 - Left Hand
 • OD Tool Holder
 • Double Version
 • External / Internal Coolant
 • **Compacto C4** (PSC40)



7.077.520 - Right Hand
7.077.521 - Left Hand
 • Quad OD Tool Holder
 • External / Internal Coolant
 • **Compacto C4** (PSC40)

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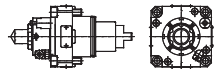
BMT75

- HT Series

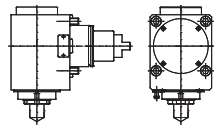
HT-30 / HT-35 / HT-40 / HT-60

- ST Series (15HP Spindle Motor)

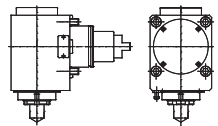
ST-40 / ST-60 / ST-70 / ST-80



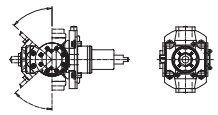
7.073.245 External Coolant
7.073.369 Internal Coolant
 • Drilling and Milling Head
 • Axial, Collet Chuck, ER40, CC
 • **PRECI-FLEX®**



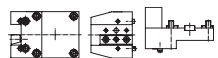
7.073.275 External Coolant
7.073.370 Internal Coolant
 • Drilling and Milling Head
 • Radial, Right Hand / Left Hand
 • Collet Chuck, ER40, CC
 • 60mm Centerline
 • **PRECI-FLEX®**



7.073.340 External Coolant
7.073.341 Internal Coolant
 • Drilling and Milling Head
 • Radial, Right Hand / Left Hand
 • Collet Chuck, ER40, CC
 • 90mm Centerline
 • **PRECI-FLEX®**



7.073.609 External Coolant
 • Drilling and Milling Head
 • Axial, Angular Adjustable
 • Collet Chuck, ER32, CC
 • **PRECI-FLEX®**



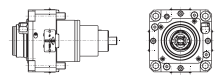
7.074.632 Ext. Coolant (25mm)
 • Type I Axial
 • OD Tool Holder
 • Axial, Left Hand Offset
 Rectangular Transverse
 • Available in in 1"



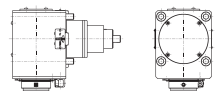
7.074.628 Ext. Coolant (25mm)
 • Type II Axial
 • OD Tool Holder
 • Radial Right Hand / Left Hand
 Rectangular Transverse
 • Available in 1"



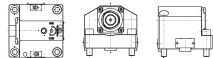
7.074.637 Ext / Int Coolant
 • Boring Bar Holder
 • Right Hand / Left Hand
 • 60mm Bore
 • Available in 2 1/2"



7.077.625 External Coolant
7.077.626 Internal Coolant
 • Drilling and Milling Head
 • Axial, Straight, CC
 • **Compacto C5** (PSC50)



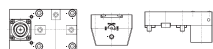
7.077.628 External Coolant
7.077.630 Internal Coolant
 • Drilling and Milling Head
 • Radial, RH - LH, CC
 • 60mm Centerline
 • **Compacto C5** (PSC50)



7.077.596 - Right Hand
7.077.597 - Left Hand
 • Face Tool Holder
 • External / Internal Coolant
 • **Compacto C5** (PSC50)



7.077.592 - Right Hand
7.077.593 - Left Hand
 • OD Tool Holder
 • External / Internal Coolant
 • **Compacto C5** (PSC50)



7.077.594 - Right Hand
7.077.595 - Left Hand
 • OD Tool Holder
 • Flush Mount Version
 • External / Internal Coolant
 • **Compacto C5** (PSC50)

BMT85

- GT Series

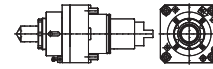
GT-40 / GT-60 / GT-80 / GT-100

- ST Series (20HP Spindle Motor)

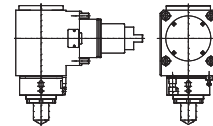
ST-40 / ST-60 / ST-70 / ST-80

- LC Series

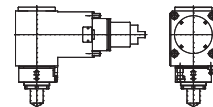
LC-40 / LC-50 / LC-60 / LC-70



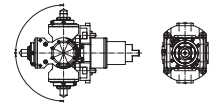
7.073.250 External Coolant
7.073.371 Internal Coolant
 • Drilling and Milling Head
 • Axial, Collet Chuck, ER50, CC
 • **PRECI-FLEX®**



7.073.277 External Coolant
7.073.372 Internal Coolant
 • Drilling and Milling Head
 • Radial, Right Hand / Left Hand
 • Collet Chuck, ER50, CC
 • 85mm Centerline
 • **PRECI-FLEX®**



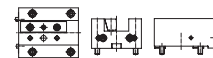
7.073.330 External Coolant
7.073.561 Internal Coolant
 • Drilling and Milling Head
 • Radial, Right Hand / Left Hand
 • Collet Chuck, ER50, CC, VT1100
 • 135mm Centerline
 • **PRECI-FLEX®**



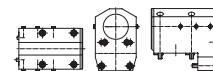
7.073.610 External Coolant
 • Drilling and Milling Head
 • Axial, Angular Adjustable
 • Collet Chuck, ER32, CC
 • **PRECI-FLEX®**



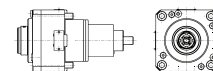
7.074.550 Ext. Coolant (32mm)
 • Type I Axial
 • OD Tool Holder
 • Axial Left Hand Offset
 Rectangular Transverse
 • Available in in 1 1/4"



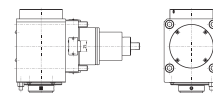
7.074.630 Ext. Coolant (32mm)
 • Type II Axial
 • OD Tool Holder
 • Radial Right Hand / Left Hand
 Rectangular Transverse
 • Available in 1 1/4"



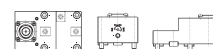
7.074.635 Ext / Int Coolant
 • Boring Bar Holder
 • Right Hand / Left Hand
 • 80mm Bore
 • Available in Inch



7.079.454 External Coolant
7.078.885 Internal Coolant
 • Drilling and Milling Head
 • Axial, Straight, CC
 • **Compacto C5** (PSC50)



7.079.452 External Coolant
7.078.880 Internal Coolant
 • Drilling and Milling Head
 • Radial, RH - LH, CC
 • 85mm Centerline
 • **Compacto C5** (PSC50)



7.077.598 - Right Hand
 • OD Tool Holder
 • External / Internal Coolant
 • **Compacto C6** (PSC63)

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INNOVATIVE DESIGN



PRECIFLEX®

Benefits :

- * Our Interface works off ER collet configuration
- * Compact
- * Secure & Rigid Mounting
- * Cone Face Connection
- * Pre-Settable Offline
- * Repeatability
- * Highly Accurate
- * Universal



FEATURES

Pre-Settable Offline

- There is no need to remove the holder out of the position on the turret.
- When using PRECI-FLEX® you can leave the holder in the turret and use an adapter to reduce time in change over.

Repeatability and Accuracy

- When using the Weldon Shanks you can even leave your adapter in the holder and change out the end mill and still be within 3 Microns of Centerline.
- With the PRECI-FLEX® System you are able to leave your holder in the turret position while doing tool change over.
- Every time you have to take the tool holder out of the turret you run the risk of not being on centerline. This requires you to relocate on center, which is time consuming.
- With using the PRECI-FLEX® System you will be less than 5 microns (0,005MM) off center when using the adapters.
- Run-Out : Less 10 microns < 0,01MM (When using an adapter)
- Accuracy against Standard Collet : 3-4 times better.

HIGH PERFORMANCE SEAL SYSTEM COMPENSATION CLUTCH PRECIFLEX®

- One Piece Housing
- Rigid Bearing Technology
- Patented PRECI-FLEX® Interface
- Patented High Performance Seals
- Patented Compensation Clutch
- Heavy Duty Bevel Gearing



INNOVATIVE DESIGNS : COMPENSATION CLUTCH

Solution:

- Minimal Backlash
 - Contact surface enlarged by 60% = better torque transmission
 - Reduce Vibration = Optimize Noise
 - Enhance lifetime of tool holder by compensating for misalignment. The cutting tools will last longer because the vibration has been reduced.
 - Maintenance is now economical because it cost less to replace a coupling instead of the entire drive shaft.
 - Which reduces down time & can save you money in production cost.

RETURN ON YOUR INVESTMENT

ROI Facts:

- Shorter Set-Up & Cycle Times
- Longer Tool Life
- Increase Chip Removal when using PRECI-FLEX®.
- The Quality of Tool Holder Represents Your Machine Capabilities.
- 3 Year Warranty
- Stateside Service & Support Center

EXSYS Automation, Inc.
15200 Citrus Country Drive Dade City, Florida 33523
P : 352.588.4345 F : 352.588.4821

W : www.exsysautomation.com