

# COUPLER, MECHANICAL TILT

|  | REQUIREMENTS   | FEATURES & BENEFITS |
|--|--|---------------------|
|   | <ul style="list-style-type: none"> <li>• More flexibility with great working range: 90° tilting on both sides</li> <li>• Compact design with low build actuator height to improve breakout force and performance</li> <li>• Actuator sealed and protected against damage</li> <li>• High retention forces and robust design for toughest applications</li> <li>• Also available with lifting hook (3 - 5 ton)</li> </ul> |                     |

**FOR M-SERIES EXCAVATORS, "ARM MOUNTED AUX2 WITH CAPS" OPTION IS NEEDED! AVAILABLE AS FACTORY OPTION OR AS KIT THROUGH BOBCAT PARTS.**

**Description:** The Bobcat Mechanical Tilt Coupler allows you to change attachments mechanically and rapidly. Coupler systems turn excavators into tool-carriers, switching between different buckets and attachments in a matter of minute. It combines all the benefits of a quick coupler with a tilt actuator. So you can always use the right tool for the job, maximizing efficiency and productivity.

## TECHNICAL SPECIFICATIONS

| Description  | Part Number | Height (mm) | Width (mm) | Length (mm) | Overall Rotation (°) | Weight (kg) | Capacity (cm³) | Operating Pressure (bar) | Relief Pressure (bar) | Output Torque¹ (Nm) | Holding Torque (Nm) |
|--|-------------|-------------|------------|-------------|----------------------|-------------|----------------|--------------------------|-----------------------|---------------------|---------------------|
| Mechanical Tilt Coupler, German System, TC01                 | 7328313     | 397         | 190        | 342         | 88 - 92              | 35.5        | 239            | 207                      | 225                   | 930                 | 2260                |
| Mechanical Tilt Coupler, German System, TC03                 | 7328314     | 467         | 232        | 373         | 88 - 92              | 66.9        | 623            | 207                      | 225                   | 1630                | 6430                |
| Mechanical Tilt Coupler, German System, TC03                 | 7328315     | 496         | 232        | 420         | 88 - 92              | 82.8        | 936            | 207                      | 225                   | 2600                | 9350                |
| Mechanical Tilt Coupler, German System, TC03                 | 7328316     | 524         | 259        | 514         | 88 - 92              | 123.8       | 1262           | 207                      | 225                   | 4375                | 14850               |
| Mechanical Tilt Coupler, German System, TC03                 | 7328317     | 544         | 277        | 503         | 88 - 92              | 124.3       | 1262           | 207                      | 225                   | 4375                | 14850               |
| Mechanical Tilt Coupler, German System, TC01 with Lift Hook* | 7328318     | 423         | 194        | 342         | 88 - 92              | 37.1        | 239            | 207                      | 225                   | 930                 | 2260                |
| Mechanical Tilt Coupler, German System, TC03 with Lift Hook* | 7328319     | 483         | 232        | 397         | 88 - 92              | 68.6        | 623            | 207                      | 225                   | 1630                | 6430                |
| Mechanical Tilt Coupler, German System, TC03 with Lift Hook* | 7328320     | 503         | 232        | 445         | 88 - 92              | 84.5        | 936            | 207                      | 225                   | 2600                | 9350                |
| Mechanical Tilt Coupler, German System, TC03 with Lift Hook* | 7328321     | 560         | 259        | 534         | 88 - 92              | 125.6       | 1262           | 207                      | 225                   | 4375                | 14850               |
| Mechanical Tilt Coupler, German System, TC03 with Lift Hook* | 7328322     | 561         | 277        | 565         | 88 - 92              | 126.1       | 1262           | 207                      | 225                   | 4375                | 14850               |
| Mechanical Tilt Coupler, German System, TC08 with Lift Hook* | 7328323     | 666         | 318        | 627         | 88 - 92              | 190.6       | 1950           | 207                      | 225                   | 6650                | 20450               |
| Mechanical Tilt Coupler, German System, TC08 with Lift Hook* | 7458288     | 670         | 325        | 570         | 88-92                | 196         | 1950           | 207                      | 225                   | 6650                | 20450               |

¹at 207 bar

\*Object handling option mandatory - available as machine option

## COMPATIBILITY CHARTS

| Description  | Part Number | Compact Excavators |      |      |     |      |     |      |     |     |      |     |      |      |      |     |     |     |      |
|--|-------------|--------------------|------|------|-----|------|-----|------|-----|-----|------|-----|------|------|------|-----|-----|-----|------|
|  |             | E08                | E10z | E10e | E17 | E17z | E19 | E20z | E26 | E27 | E27z | E34 | E35z | E50z | E55z | E60 | E85 | E88 | E57W |
| Mechanical Tilt Coupler, German System, TC01                   | 7328313     |                    |      |      | X   | X    | X   | X    |     |     |      |     |      |      |      |     |     |     |      |
| Mechanical Tilt Coupler, German System, TC03                   | 7328314     |                    |      |      |     |      |     | X    | X   | X   |      |     |      |      |      |     |     |     |      |
| Mechanical Tilt Coupler, German System, TC03                   | 7328315     |                    |      |      |     |      |     |      |     |     | X    | X   |      |      |      |     |     |     |      |
| Mechanical Tilt Coupler, German System, TC03                   | 7328316     |                    |      |      |     |      |     |      |     |     |      |     | X    | X    | X    |     |     |     |      |
| Mechanical Tilt Coupler, German System, TC03                   | 7328317     |                    |      |      |     |      |     |      |     |     |      |     |      |      |      |     |     |     | X    |
| ① Mechanical Tilt Coupler, German System, TC01 with Lift Hook* | 7328318     |                    |      |      | X   | X    | X   | X    |     |     |      |     |      |      |      |     |     |     |      |
| Mechanical Tilt Coupler, German System, TC03 with Lift Hook*   | 7328319     |                    |      |      |     |      |     | X    | X   | X   |      |     |      |      |      |     |     |     |      |
| Mechanical Tilt Coupler, German System, TC03 with Lift Hook*   | 7328320     |                    |      |      |     |      |     |      |     |     | X    | X   |      |      |      |     |     |     |      |
| Mechanical Tilt Coupler, German System, TC03 with Lift Hook*   | 7328321     |                    |      |      |     |      |     |      |     |     |      |     | X    | X    | X    |     |     |     |      |
| Mechanical Tilt Coupler, German System, TC03 with Lift Hook*   | 7328322     |                    |      |      |     |      |     |      |     |     |      |     |      | X    | X    | X   |     |     | X    |
| Mechanical Tilt Coupler, German System, TC08 with Lift Hook*   | 7328323     |                    |      |      |     |      |     |      |     |     |      |     |      |      |      |     | X   |     |      |
| Mechanical Tilt Coupler, German System, TC08 with Lift Hook*   | 7458288     |                    |      |      |     |      |     |      |     |     |      |     |      |      |      |     |     | X   |      |
| Tilt Coupler Hose Kit for E17/E17z/E19/E20z                    | 7330113     |                    |      |      | X   | X    | X   | X    |     |     |      |     |      |      |      |     |     |     |      |
| Tilt Coupler Hose Kit for E26/E27/E27z/E34/E35z/E50z/E55z/E60  | 7330114     |                    |      |      |     |      |     | X    | X   | X   | X    | X   | X    | X    | X    |     |     |     |      |
| ② Tilt Coupler Hose Kit for E57W/E85 Short Arm                 | 7330115     |                    |      |      |     |      |     |      |     |     |      |     |      |      |      |     | X   |     | X    |
| Tilt Coupler Hose Kit for E57W Long Arm                        | 7330116     |                    |      |      |     |      |     |      |     |     |      |     |      |      |      |     |     |     | X    |
| Tilt Coupler Hose Kit for E85 Long Arm                         | 7330117     |                    |      |      |     |      |     |      |     |     |      |     |      |      |      |     | X   |     |      |

**FOR E26, E27, E27Z, E34, E35z, E50z, E55z, E60 AND E88, MACHINE TO BE EQUIPPED WITH AUX4 HYDRAULIC LINE FOR BEST PERFORMANCE**



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