



Weasler®

TORQUE LIMITER

IA-TYPE AUTOMATIC CLUTCH



The INTEGRAL automatic clutch offers a level of implement overload protection not possible with other types of clutches. The efficient design disconnects the power source from the drivetrain when overload occurs, and does not reconnect until the speed is reduced. During disengagement, the patented design minimizes damaging torque spikes and heat.

PERFORMANCE BENEFITS

- REPEATABLE OVERLOAD PROTECTION
- MINIMAL TORQUE SPIKES WHEN DISENGAGED
- MINIMAL HEAT GENERATION
- MAINTENANCE-FREE CLUTCH
- MAINTENANCE-FREE OVERRUNNING
- AUDIBLE OPERATOR NOTIFICATION
- TAMPER-PROOF
- SEALED CLUTCH
- CONSISTENT TORQUE AT VARIOUS UNIVERSAL JOINT ANGLES
- 7.31 in. (186 mm) DIAMETER
- DESIGN OFFERED WITH OR WITHOUT INTEGRAL OVERRUNNING CLUTCH, DRIVE SHAFT OR THROUGH-SHAFT OPTIONS

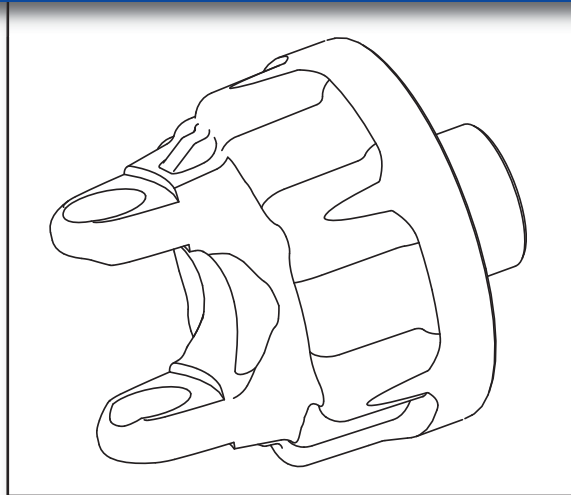
Quality fits. Every time.



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DESIGN FEATURES

- **DRIVE WEDGES AND RING**

- EFFICIENT OVERLOAD PROTECTION IS ATTAINED BY TRANSFERRING THE AXIAL SPRING FORCE INTO TORSIONAL POWER (PATENTED)
- WEAR RESISTANT DESIGN ENSURES REPEATABLE PROTECTION

- **SPRING**

- THE DESIGN ALLOWS THE CLUTCH TO SPIN WITH MINIMAL LOAD WHILE DISENGAGED, MINIMIZING DAMAGING TORQUE SPIKES AND HEAT GENERATION (PATENTED)
- TORQUE PROTECTION LEVEL IS DETERMINED BY SPRING SELECTION AND VERIFIED FOR EACH ASSEMBLY

- **INTEGRAL YOKE/HUB DESIGN**

- LOWER WEIGHT THAN COMPETITIVE CLUTCHES
- LOW MASS AND COMPACT LENGTH MINIMIZE BEARING OVERHUNG LOAD
- ALLOWS FOR UP TO 6750 lb (30,000 N) SHORT DURATION THRUST CAPACITY
- SEALED OVERRUNNING FOR NO MAINTENANCE WITH NORMAL OPERATION
- CONTOURED OD ALLOWS FOR RPM PICK-UP OPTIONS
- HIGH TORQUE CARRYING CAPACITY AT HIGH OPERATING ANGLES

- **AUTO-LOK (PATENTED) AND CLAMP HUB ATTACHMENTS ARE AVAILABLE**

- **AVAILABLE IN EITHER DRIVE SHAFT OR THROUGH-SHAFT CONFIGURATIONS**

- **TORQUE SETTINGS AVAILABLE FROM 8850 TO 26,600 in•lb (1000 TO 3000 Nm)**

- **SPEEDS UP TO 1000 RPM**

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