

shear bolt clutch



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Ergonomic design

The ergonomic design of the clutch enables easier handling with it. This makes the process of preparing and launching the working machine faster. Because of its compactness the clutch can run in a smaller space. With its modern design the shear bolt clutch is clearly recognizable.



CLhe 4	CLhe 6	CLhe 8
125 mm	145 mm	145 mm





One clutch = multiple torques = more options

The new shear bolt clutch has preset multiple nominal torques. The user can apply the PTO drive shaft on multiple machines and that makes him more flexible and economic. With a simple change of torque settings he can ensure the correct torque/power transmission to the machine. Unused settings of the torque are protected with plugs, which prevent an unintended use.

The user can move the shear bolt, according to the required torque, into the intended borehole. He needs to consider the marked torque on the clutch. He just needs to remove the plug from the borehole and replace it with a shear bolt.

The boreholes on the clutch do not enable the usage of more settings at one time. This means, that it is possible to use only one torque setting at a time. Once one torque setting is chosen, all other boreholes are shifted and disable the placing of shear bolts into the remaining boreholes.

The shear bolt clutch has, given the size, following preset nominal torques:

	900Nm	1300Nm	1700Nm	2000Nm	2400Nm	2700Nm	3000Nm	3500Nm
C Line 4	✗	✗	✗					
C Line 6			✗	✗	✗	✗		
C Line 8					✗	✗	✗	✗

The shear bolts clutches will be available for following profiles:



**C Line 4 will not be available in 1 3/4"*



Symmetrical design

Because of its symmetrical design the negative impacts on the machine drive are reduced; reduction of vibration due to eccentric mass. This leads to longer lifespan of the PTO drive shaft and the working machine.



Faster replacing

The replacing of the shear bolt is simplified due to the shape of the groove nut, which prevents rotation of the nut when fastening the screw. The user needs half less tools than before – instead of two spanners he only needs one for changing the shear bolt. This way the user can save time.



Cerjak d.o.o.
Žadovinek 38
8273 Leskovec pri Krškem
Slovenia

Tel.: +386 (0)7 49 21 682
Fax: +386 (0)7 49 21 683
E-mail: prodaja@cerjak.si

www.cerjak.si