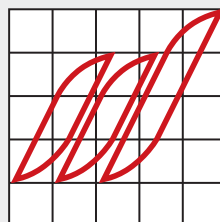


OVALISATION MACHINE

DW 30



Streicher
GEWINDETECHNIK

DW 30

Ovalisation machine

Production of locknuts and moulded locking parts by part-ovalisation of the nut body. Two rotating rollers, situated opposite to each other, are the central feature of the machine. The distance between the rollers is less than the nut that is being fed through. This causes the nut to be slightly deformed and a

change in thread geometry. The distance between the rollers is adjustable; thus all standard nut sizes can be deformed by means of just one machine type.

Each of the rollers is driven by an electric motor with flanged-connected reducing gear mechanism. The bearing housings are guided in between two particularly strong round columns.

The distance of the rollers can be adjusted precisely. The strongly dimensioned adjuster unit will hold the rollers in their set positions even in extreme load situations.

In order to provide for a force-dependent deformation, a roller unit is pre-tensioned by preselection via synthetic spring.

The full metal locknut has become increasingly more significant.

Its advantages are that it is largely insensitive against external influences, easy to fit without any additional parts, can be re-used many times, and economically mass-produced if required.



DW 30

Machine

Machine	DW 30
Thread dimension	M10 - M33 3/8" - 1.1/4"
Width of deformation	0 - 80 mm
Force of deformation	0 - 120 kN
Roller diameter	300 mm
Roller speed	10 rpm
Power of gear motors	2 x 0,75 kW
Max. output quantity depending on part size	10.000 - 30.000 pcs/h