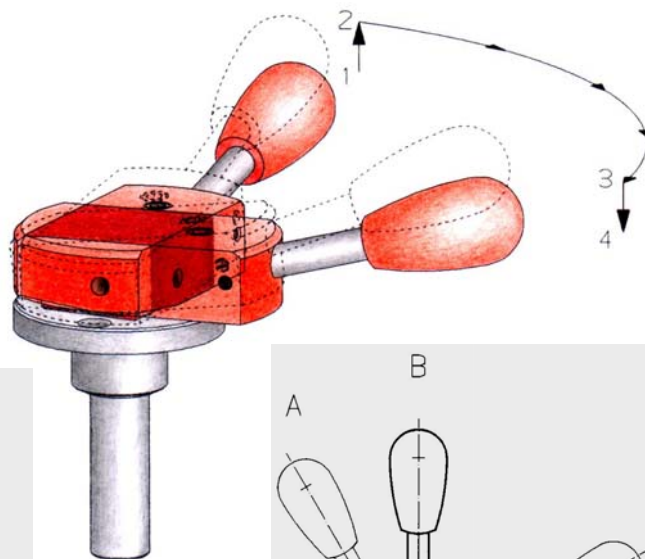


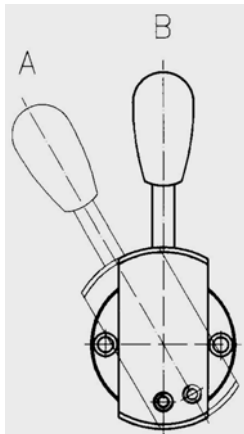
ARLA® Shift & Engage Lever

Mechanical Shifting with Reliable Self-Locking & Indexing

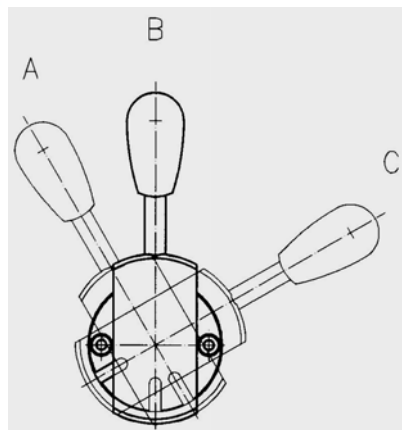


Mechanical Shift ...

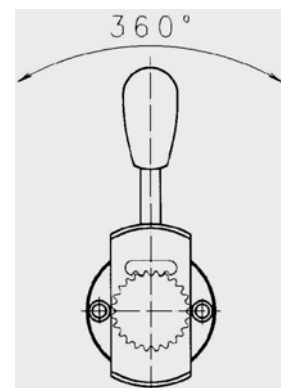
*... simple
... reliable
... safe*



LN 100-2

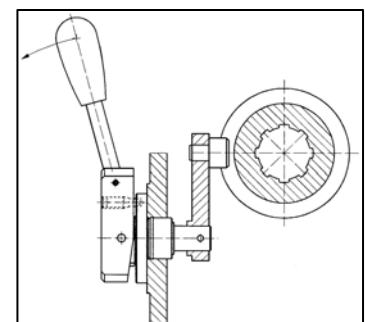
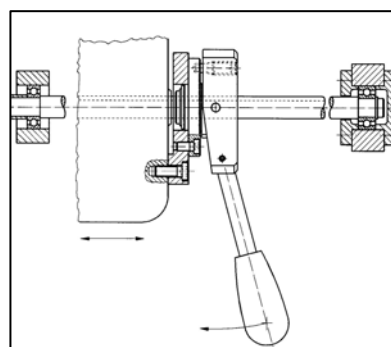


LN 300-2



LN 400-2

- safe self-locking, automatical indexing
- secure against shock & vibration
- simple single-handed operation (pull or push the lever while shifting)
- any shift positions realized by:
 - pin lock** (LN 100-2 / LN 200-2)
 - slot lock** (LN 300-2)
 - tooth lock** (LN 400-2)
- Double-acting lever for shifting in 2 levels (LN 200-2)
- high variety of levers, special models on request





Safe and Precise Shifting ...

Safe shifting with automatic "click-in" effect ("engaging" or "indexing") has become a standard in mechanically controlled machines and machine components.

The **ARLA® Shift & Engage Lever** is the ideal universal fail-safe indexing lever for precise shifting. The lever has a high reliability and is used in several industrial applications: speed change gears, clutches, valves, valve actuators, control mechanisms, assembly equipments, test rigs, special machines. The **ARLA® Shift & Engage Levers** are built to stringent requirements.

Typical characteristics of **ARLA® Shift & Engage Levers** are:

- **universal fail-safe lock** (automatic click-in effect)
- **safe locking (indexing), secure against shock and vibrations**
- **single-handed operation**
- **pull or push operation**
- **any position realized by a mechanical lock**

LN 100-2 / LN 200-2: Drilling the position hole during assembly (*pin-lock*)

LN 300-2: Shift position on customer request (*slot-lock*)
The shift positions must be defined before lever assembly.
The attached flange is also available hardened (on request).

LN 400-2: Number of shift positions depends on the number of teeth (*tooth-lock*)

Numerous applications in industry prove the quality and reliability of the self-locking technique realized by **ARLA® Shift & Engage Levers**. Please also note the double acting lever LN 200-2 which is available on customer request.

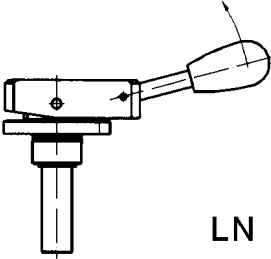
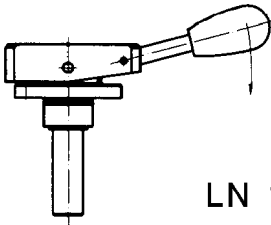
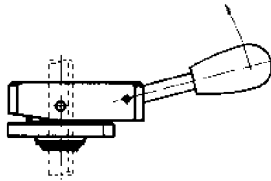
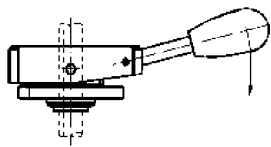
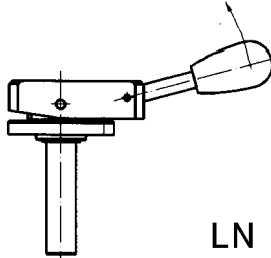
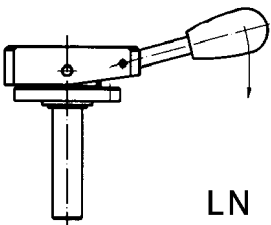
Easy Integration & High Reliability ...

ARLA® Shift & Engage Levers may be easily integrated in existing machine design. Any shift position is possible for your choice. The levers are installed independent of the location.

The shifting shaft of models LN 110-2, LN 120-2, LN 310-2, LN 320-2, LN 410-2 and LN 420-2 are guided by a self-lubricating bushing. One of the remarkable features of these levers is their reliable seal of the attached flange and the shifting shaft (also in oil).

Ask for our detailed catalog !

Overview (Models LN 100-2) – PIN LOCKING

		Shifting shaft diameter $d_1 = 12 \dots 40 \text{ mm}$		
Model LN 100-2		LN 110-2		LN 120-2
		LN 111-2		LN 121-2
		LN 112-2		LN 122-2

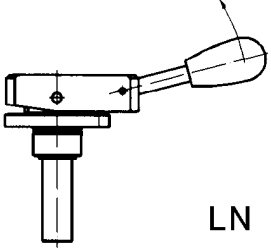
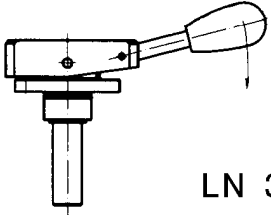
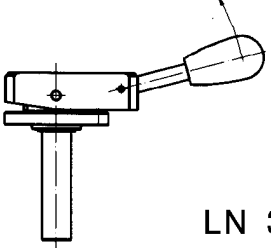
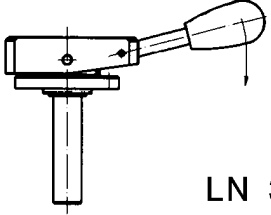
Overview (Models LN 200-2) – PIN LOCKING

The models **LN 200-2** are double acting levers on a single shaft:

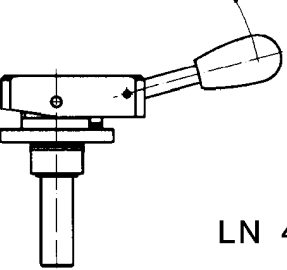
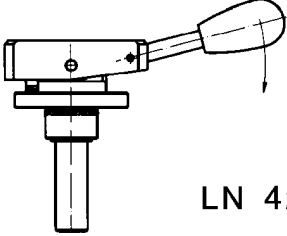
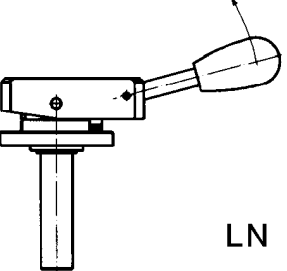
- a) **LN 212-2:** upper lever = LN 112-2 / lower lever similar to LN 111-2 ("**pull**-and-shift")
- b) **LN 222-2:** upper lever = LN 122-2 / lower lever similar to LN 121-2 ("**push**-and-shift")

This lever is very useful to shift independently in two levels on a single axis.

Overview (Model LN 300-2) – SLOT LOCKING

		Shifting shaft diameter $d_1 = 16 \dots 40$ mm	
Model LN 300-2		LN 310-2	
		LN 312-2	

Overview (Model LN 400-2) – TOOTH LOCKING

		Shifting shaft diameter $d_1 = 12 \dots 30$ mm	
Model LN 400-2		LN 410-2	
		LN 412-2	