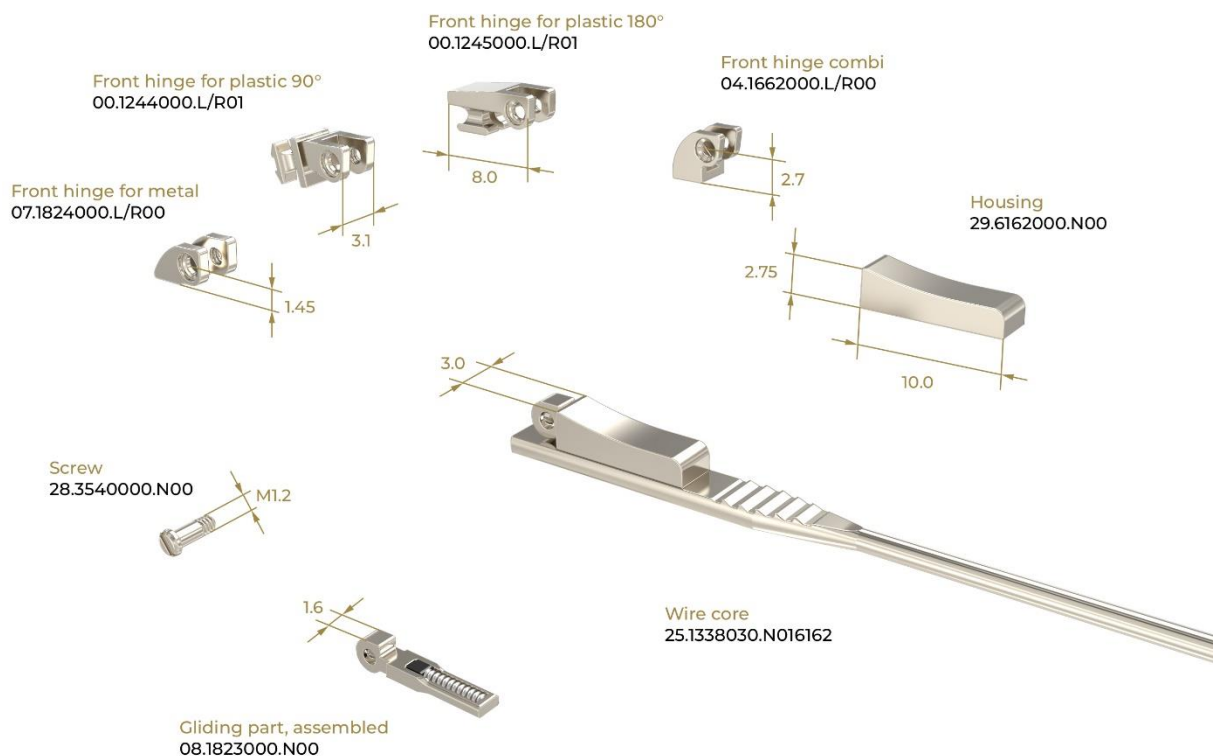
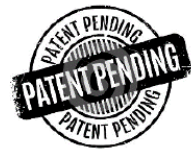


EYE-Flex 3,0

Spring Hinge of a new generation

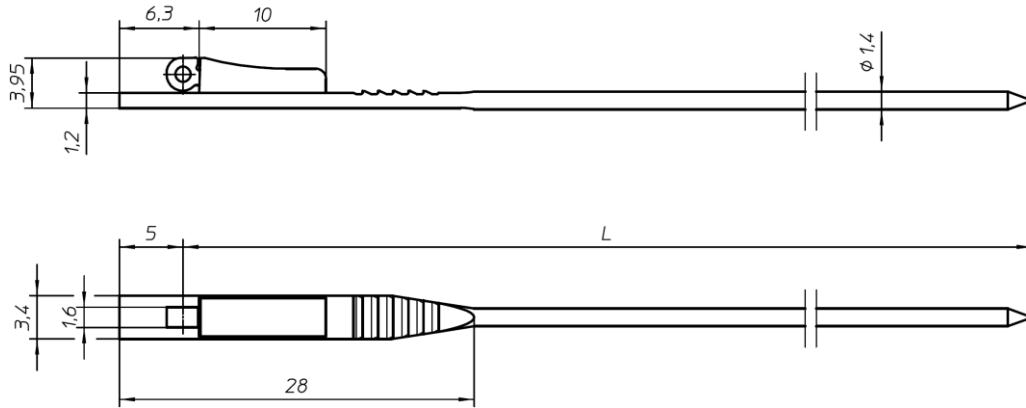
Based on a proven technology – developed by REDTENBACHER

- High stability
- Easy assembling
- New & safe locking device

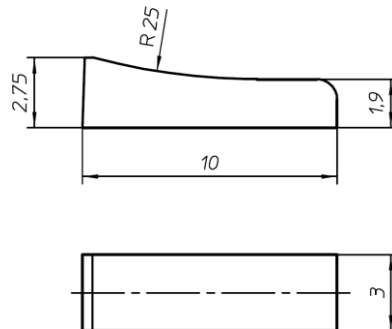


Drawings

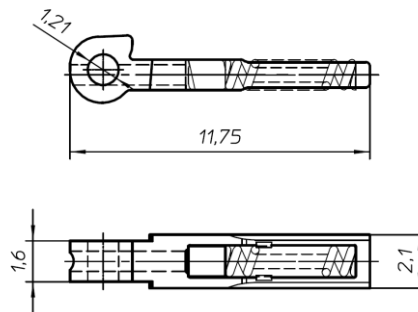
Wire core – 25.1338030.N016162 (L=130)



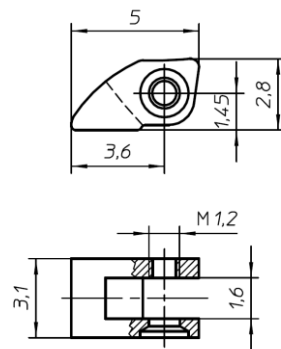
Housing – 29.6162000.N00



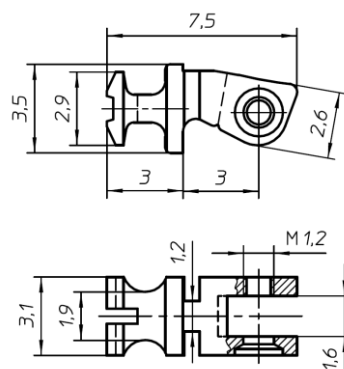
Gliding part, assembled – 08.1823000.N00



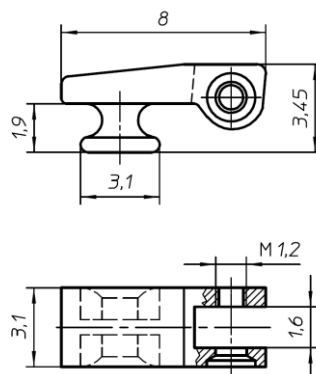
Front hinge for metal – 07.1824000.L/R00



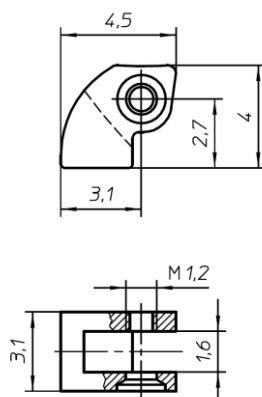
Front hinge for plastic 90° – 00.1244000.L/R01



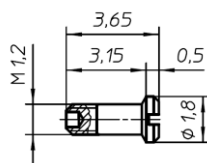
Front hinge for plastic 180° – 00.1245000.L/R01



Front hinge for combination – 04.1662000.L/R00



Screw – 28.3540000.N00



Test Report

EYE-Flex 3,0

Housing	Gliding Part	Front Hinge	Screw
29.6162000	08.1823000	07.1824000	28.3540000
		04.1662000	
		00.1244000	
		00.1245000	

Test

Result

1. Breakage Test
To bend / incline the hinge (vertical)
+/- 15 degrees
20 times without breakage

Passed

2. Bending Resistance Test
To bend / incline the hinge (vertical)
to 20 degrees
minimum torque 33Ncm

Passed

3. Movement Test
To open and close for 50.000 times

Passed

4. Pull-out Resistance Test - Gliding part
To have no breakage or serious damages of the
gliding part at a pull-out strength of 300N

Passed

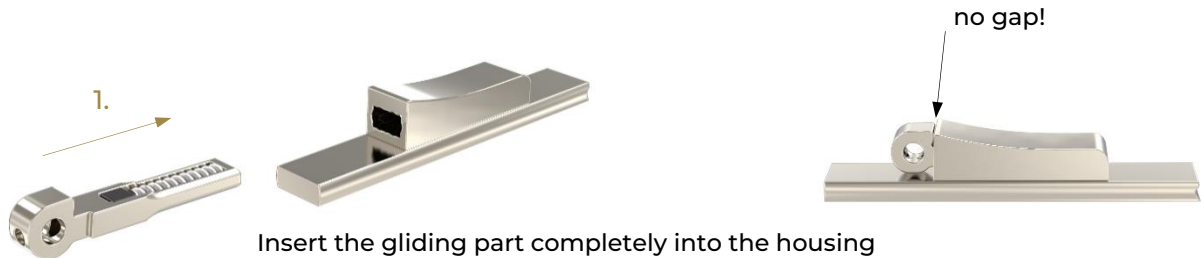
5. Check of rocking movement
Average play = 1,8° (+/- 0,9° / side)

Passed

Quality standard: ppm ≤ 10.000

Assembling (EYE-Flex 3,0=pictured & EYE-Flex 4,0)

1.) Inserting of the gliding part

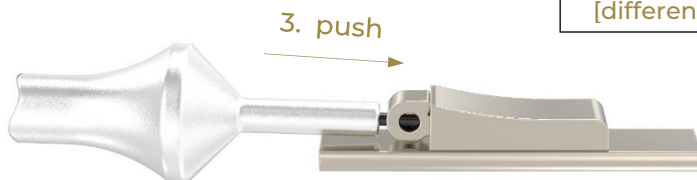


2.) Inserting locking tool



Find the hole dia. 0,8 and insert the EYE-Flex locking tool until position ~0,5

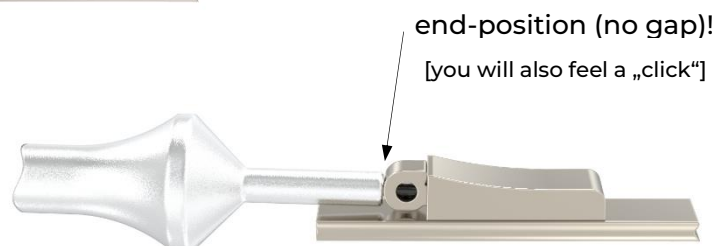
3.) Locking



Locking tool / general notice:

- the front end of the pin dia. 0,8 must be flat
- the front corners of the pin dia. 0,8 must be sharp
- different locking tool version for EYE-Flex 3,0 /4,0 [different length of pin dia. 0,8]

Push the locking tool until end-position (no gap) and then remove it



DONE!