MODULAR CONNECTING ROD

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CLOSE TO YOU EVERYWHERE

OVERVIEW

Unlimited possibilities ........................................ p.4
Environment .................................................. p.5
Modular 3-part solution ..................................... p.6
Technical specifications ...................................... p.8
Key advantages ................................................ p.9
Endless application list ...................................... p.10
A worldwide network ........................................ p.11

1 center of expertise
11 engineering centers
25 manufacturing sites in 25 countries
6,000 employees
150 years of experience
UNLIMITED POSSIBILITIES

1. Height sensors for smart lightening
2. Height sensors for dynamic suspension
3. Position sensors for gearbox shift
4. Actuators for aerodynamic flaps
5. Actuators for intake manifold flaps
6. Actuators for throttle butterfly valves
7. Actuators for closure systems
8. Actuators for air-conditioning and heating flaps

ENVIRONMENT

A height sensor is fixed on the body and on the suspension arm via a rod linkage.

Our system interface expertise at ARaymond enables us to continuously improve existing solutions.
MODULAR 3-PART SOLUTION

1. Undipping force made by jamming
2. Reduced clipping force
3. Gap/time worn compensation
4. Reduced friction
5. Pliable link + lock enabled by flexible edges
6. Locked without gap/orientation management
7. Maintain clip installed
8. Modular mold for easy adaptation to customer requests
9. Multiple length option from 35.5 mm to 180 mm
10. Specific shapes easily adaptable

CLIP

CLIP HOLDER with cap

AXIS with multiple lengths or multiple shapes
TECHNICAL SPECIFICATIONS

1. Clip Ø 8 mm
   • Uncoupled forces
   • Clipping < 3 daN
   • Unclipping > 10 daN
   • Gap/time worn compensation

2. Axis

3. Clip holder

L = 35.5 mm → 180 mm

α = 0° - 90° - 180° - 270°

KEY ADVANTAGES

• Ergonomic: low push in force
• Mechanical performance: high pull out force
• Automatic gap & wear compensation
• Modular axis length and clip orientation

1. Clipping effort < 3 daN
2. Unclipping effort from 10 daN to 22 daN
3. Axial peak effort > 20 daN

• Interchangeable axis: custom shapes possible
• Light weight: 100% plastic solution
• Clean assembly process: no grease needed
ENDLESS APPLICATION LIST
Unlimited possibilities!

Send us your specifications, we’ll send back the solution!

FULL-SCALE ADAPTABILITY
by various

LENGTHS
SHAPES
ORIENTATIONS
DIAMETERS
MATERIALS
PERFORMANCES

A WORLDWIDE NETWORK

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