

# Hydraulic Clamp Nut

## Fixed connection - type round



Series 041 / 141

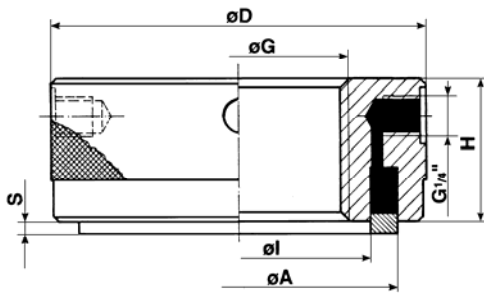
### Features of series

**Radial connection  
with pumpstand**

**Medium remains into  
the pumpstand**



The pressure is based by the fixed connection of an external pumpstand.  
The internal medium will flow into the circular groove and raise the ring piston.  
Pressure rate is shown precisely at the pump stand pressure gauge.  
Relieving the system is based on the pumpstand function.  
After relieve you have to turn the nut to the opposite direction .  
The Medium flows back to the pumpstand.



**Clamping range**  
4 mm  
6 mm  
10 mm

Thread $\varnothing G_{max.}$	Ring piston		Outer Diameter $\varnothing D$	Height H	Clamping Force in kN Pump with max. working pressure		Part No Clamping range S
	$\varnothing A$	$\varnothing I$			400 bar	700 bar	
							<b>4 mm</b>
36	66	46	80	50	70	120	<b>041.04.036</b>
52	82	62	96	50	90	160	<b>041.04.052</b>
							<b>6 mm</b>
80	115	95	135	55	130	230	<b>041.06.080</b>
100	130	112	150	55	135	240	<b>041.06.100</b>
125	160	138	180	55	200	360	<b>041.06.125</b>
							<b>10 mm</b>
125	160	138	185	60	200	360	<b>141.10.125</b>
165	200	180	230	60	240	420	<b>141.10.165</b>

Against corrosion our hydraulic clamp nuts are protected with a brown finish.  
The standard sealing systems are suitable for temperatures up to 80°.  
The ring piston is locked against drop out.

Special design of hydraulic clamp nuts on request



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