

infinity

CONTINUOUS EXPANSION CHUCK



UNIVERSAL SOLUTION FOR CORE
DIAMETERS FROM 3" TO 12"

The innovative Infinity pneumatic chuck is a universal model and the perfect solution in case of cores of different diameters since **with a single core chuck it is possible to work with core diameters from 3" to 6" or 3" to 12" without the need for adapters. This is possible thanks to the continuous expansion of the gripping units.**

Through the air pressure, the expansion units expand and safely stop when the reel is engaged.

The automatic continuous expansion of the units doesn't require any manual adjustment and ensures the highest safety level for the operator as it eliminates any loads handling for the changing of the cages.

Furthermore Infinity ensures a perfect grip to any core and continuous in operation as it eliminates the needs of manual intervention usually required when using different cores diameters.

ZERO MAINTENANCE

chucks can be cleaned directly on roll stand

TIME SAVING

continuous expansion of the gripping units with no manual adjustment needed. It ensures continuous in operations when using different core diameters.

FITS ANY CORE DIAMETER

Renova's Infinity provides the best-in-industry grip to any core diameter from 3" to 6" or from 3" to 12" with only one chuck.

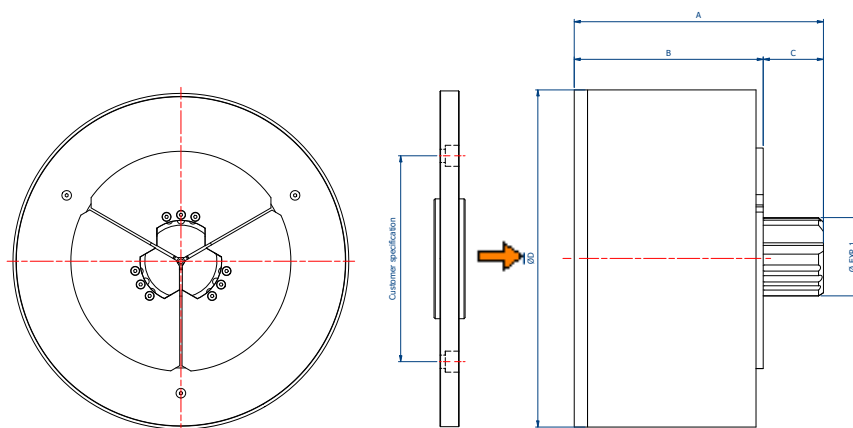
HIGH SAFETY LEVEL

no more manual intervention and loads handling needed for the changing of the cages.

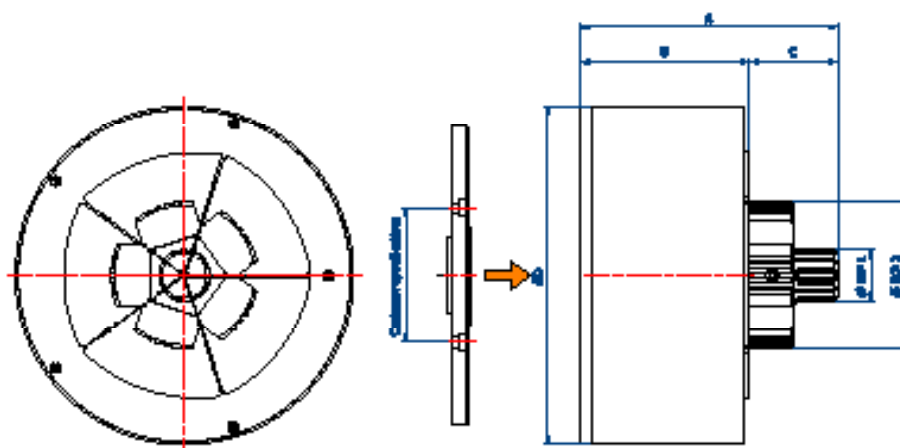
INFINITY

The innovative pneumatic chuck Infinity fits any core diameter from 3" to 6" or from 3" to 12" with only one chuck. This is possible thanks to the continuous expansion of the gripping units.

CK-CE 3"-6"



CK-CE 3"-12"



	CK-CE 3" - 6"		CK-CE 3" - 12"	
diameter 1	70 ÷ 150 mm	3" ÷ 6"	70 ÷ 180 mm	3" ÷ 9"
diameter 2	/		200 ÷ 300 mm	6" ÷ 12"
Ø EXP 1 [mm]	69 ÷156 mm		69 ÷ 189 mm	/
Ø EXP 2 [mm]	/		198 ÷ 316 mm	/
A [mm]	210 mm		345 mm	
B [mm]	157 mm		227 mm	
C [mm]	53 mm		118 mm	
D [mm]	280 mm		452 mm	
air supply	6 bar			
piston force	≅ 30000 N		≅ 70000 N	
load capacity ESP 1	45000 N		25000 N	
diameter ESP 2	/		50000 N	
torque	4500 Nm			