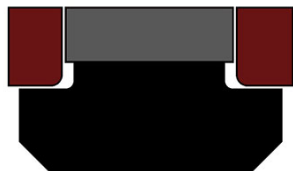


**CT**



<b>Temperature</b>	-30°C / +100°C
<b>Pressure</b>	500 bar/7250 psi
<b>Speed</b>	1.5 m/sec
<b>Media</b>	Mineral hydraulic oils

<b>ØD1</b>	H9
<b>Ød1</b>	h10
<b>L1</b>	+0.20mm – 0.00mm

## Energiser

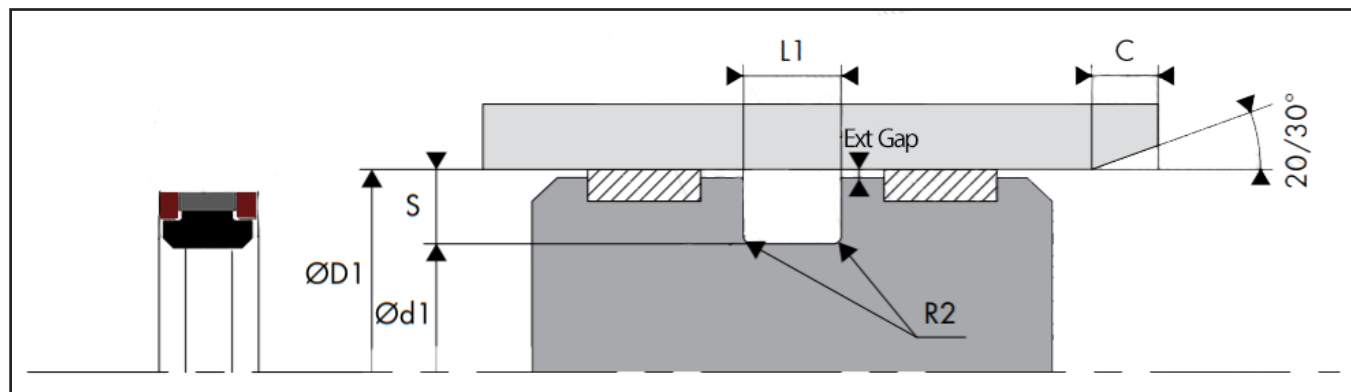
NBR 80 Shore A

### Sealing face

BFT 64 Shore D - Bronze

## Back-up rings

### Polyoxymethylene - POM



S (Standard Cross Sections)	Radius & Chamfers		Max Radial Extrusion Gap		
			BAR/PSI		
	R2	C	260/3800	400/5800	500/7250
≤7.00mm	0.80mm	4.50mm	0.40 mm (0.015")	0.30mm (0.012")	0.25mm (0.010")
≤0.187"	0.016"	0.160"			
≤7.50mm	0.80mm	5.00mm	0.40 mm (0.015")	0.30mm (0.012")	0.25mm (0.010")
≤0.240"	0.016"	0.200"			
≤11.50mm	0.80mm	6.50mm	0.40 mm (0.015")	0.30mm (0.012")	0.25mm (0.010")
≤0.365"	0.032"	0.250"			
≤14.00mm	0.80mm	8.00mm	0.40 mm (0.015")	0.30mm (0.012")	0.25mm (0.010")
≤0.470"	0.032'	0.280"			

<b>Roughness</b>	<b>Dynamic surface area</b>	<b>Static surface area</b>	<b>Groove flanks</b>
Ra	0.1 - 0.4 $\mu\text{m}$	$\leq 1.6 \mu\text{m}$	$\leq 3.2 \mu\text{m}$
Rz	0.63 - 1.44 $\mu\text{m}$	$\leq 6.3 \mu\text{m}$	$\leq 10.0 \mu\text{m}$
Rmax	1.0 - 4.0 $\mu\text{m}$	$\leq 10.0 \mu\text{m}$	$\leq 16.0 \mu\text{m}$

Our CT is a medium to heavy duty profile commonly used in earthmoving equipment. It incorporates an NBR energiser, two acetal Anti-Extrusion rings and a bronze teflon face which provides minimal stick-slip.

Very good sealing effect  
Minimal stick-slip  
Simple groove design

Mobile hydraulics  
Hydraulic cylinders  
Underground mining equipment