

## TENUTE T11-S seals

TENUTE T11-S seal is designed and used mostly in work and back-up rolls in rolling mills and further applications where a strong seal is needed.

T11-S has a flexible sealing lip and a metal case back.

The main characteristic of T11-S is a finger spring rather than a garter spring, ensuring a uniform radial lip force on the shaft.

The finger spring is vulcanised into the elastomer, thus eliminating the possibility of coming out of the lip when tilting over.

This seal can withstand pressures up to 1 bar. The use of T11-S model in applications with static or dynamic misalignment should be evaluated by TENUTE Technical Department.



Picture 1

### MATERIALS

The materials used may vary depending on applications. Standard product is made according to Table 1.

<b>Metal Case</b>	Carbon Steel
<b>Inner Ring</b>	Carbon Steel
<b>Lip</b>	NBR Nitrile Rubber
<b>Spring</b>	AISI 301 Stainless Steel

Table 1

Special products are made according to Table 2

<b>Metal Case</b>	<b>Inner Ring</b>	<b>Lip</b>	<b>Spring</b>
Stainless Steel	Stainless Steel	FKM Fluorocarbon Rubber	AISI 301 Stainless Steel
		VMQ Silicone Rubber	
		NBR Nitrile Rubber added with PTFE	
		HNBR Hydrogenated Nitrile	

Table 2