



# Product Information

**WSI Sealing Solutions for Industrial Power Tools**



## Introduction

**Power tools are kinds of equipment actuated by additional power source and mechanism other than the solely manual labor used with hand tools. According to the survey, the global demand of power tools is getting rising year by year. Power tools are used to cut quickly into concrete, stone, cement block, or brick which are used in a wide range of commercial or industrial applications.**

**In addition, they are also used broadly in consumer-related settings, i.e., in do-it-yourself and home remodeling activities for drilling, grinding, shaping and more.**

**Power tool can be generated by various sources, which are mainly sorted into electric motors, rechargeable batteries, gasoline engines, and compressed air motors. They may be corded or cordless, and may involve with variety of motions in the moving parts including side-to-side, up and down, and other complicated combination of movements.**





## Specification

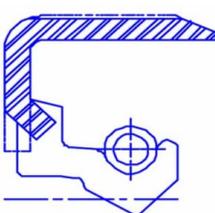
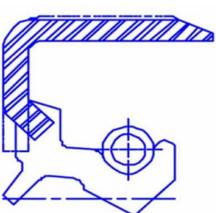
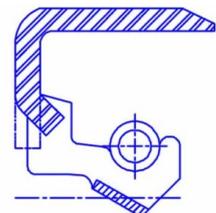
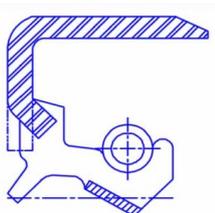
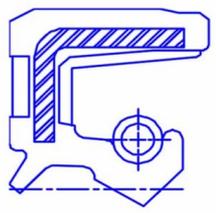
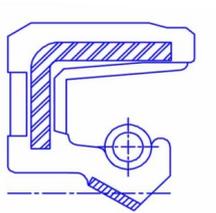
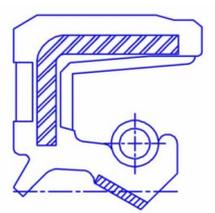
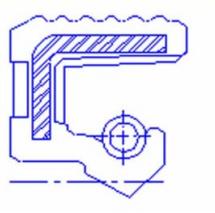
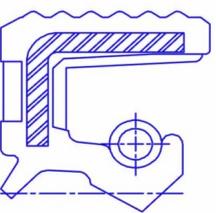
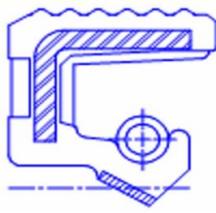
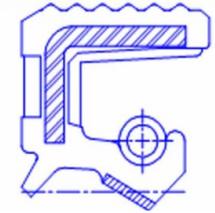
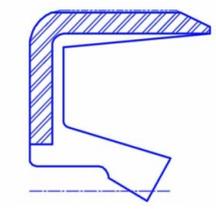
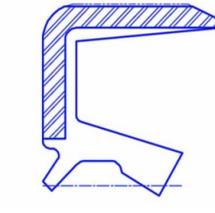
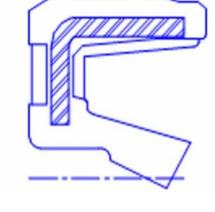
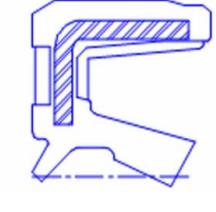
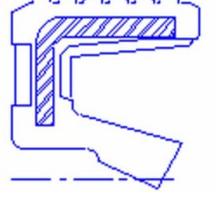
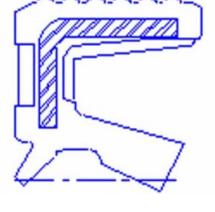
**WSI sealing solutions for industrial power tools include rotary seals and O-rings. Rotary seals are the sealing elements that have specific interference between the sealing lip and the shaft. The seal lip provides sealing function to retain oil from leaking to the outside while prevents contaminants from entering to the system. When the seal lip is contacting with the shaft, a thin lubricant film is formed along with the seal lip contact area which could reduce friction and wear between the seal lip and the shaft. Moreover, the thin film could be a nature barrier between the air side and the oil side of the seal. Customized design for both single lip and dual-lip seal are available.**

**O-rings are kind of sealing ring to be installed in grooves. It can be used to seal oil, water, air, gas and other fluids, for both static and dynamic applications.**

**Additional elastomeric compounds to fit different applications are available upon request. Please contact us for more information.**



# WSI Sealing Solutions for Industrial Power Tools

<b>SB</b> 	<b>TB</b> 	<b>SB-PL</b> 	<b>TB-PL</b> 
<b>SC</b> 	<b>TC</b> 	<b>SC-PL</b> 	<b>TC-PL</b> 
<b>SG</b> 	<b>TG</b> 	<b>SG-PL</b> 	<b>TG-PL</b> 
<b>SM</b> 	<b>TM</b> 	<b>VM</b> 	<b>KM</b> 
<b>VC</b> 	<b>KC</b> 	<b>VG</b> 	<b>KG</b> 



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