



# KOENIG EXPANDER® SEALING PLUGS

## Series SK 552 Long Mandrel

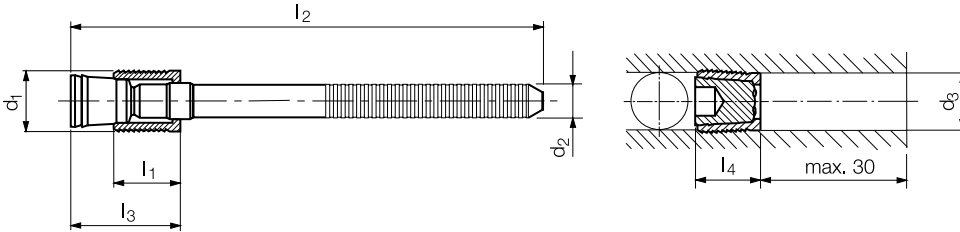
Special Type: With Mandrel 30mm Longer than Standard

**Material:**

Sleeve: Case Hardening Steel, Gun Metal-Finish  
Mandrel: Heat Treatable Steel, Special Oil Film Lubrication

**Important:**

See installation instructions on page 80  
Installation requirements on page 73



Part Number	d <sub>1</sub>	l <sub>1</sub>	d <sub>2</sub>	l <sub>2</sub>	l <sub>3</sub> max.	l <sub>4</sub> max.	d <sub>3</sub> +0.12 0	Packaging Unit*	Weight in gram/pcs.
SK552-040	4.0	4.5	2.5	69	7.8	6.5	4.0	1000	2.87
SK552-050	5.0	5.5	3.0	71	9.8	8.0	5.0	500	4.32
SK552-060	6.0	6.5	3.4	73	11.6	8.0	6.0	500	5.65
SK552-070	7.0	7.5	4.1	68	13.2	9.5	7.0	250	8.01
SK552-080	8.0	8.5	4.2	70	14.5	10.5	8.0	250	9.60
SK552-090	9.0	9.5	4.5	73	16.7	11.5	9.0	100	11.97
SK552-100	10.0	10.5	4.8	75	18.7	13.5	10.0	100	14.73

Dimensions in millimeters

\*Standard pack quantities may vary by sales organization

### PRESSURE PERFORMANCE

Series SK 552 mm	①	②	③	⑤	⑥	⑦	⑧
	ETG-100 / 44SMn28 / AISI 1144	C15Pb / 1.0403 ~ SAE 1015 (10L15)	EN 1563: GJS-600-3 / ASTM A536: 80-60-03	EN 1561: GJL-250 / ASTM A48: NO.35	AlCu4Mg1 / EN AW-2024-T3 / AA: 2024 T4/T6*	AlMgSiPb / EN AW-6012-T6 / AA: 6012-T6	G-AlSi7Mg / EN-AC-42100 / ASTM/UNS: A356
Base Material of the Installation							
Ø 4 – 10	1600 bar / 23200 psi 500 bar / 7200 psi			1400 bar / 20300 psi 450 bar / 6500 psi			

Proof Pressure Test - ⑥

**Max. Allowable Working Pressure = Nominal Pressure**

\*SFC KOENIG's North American Engineering Department utilizes 2024-T4/T6 as a test base material.