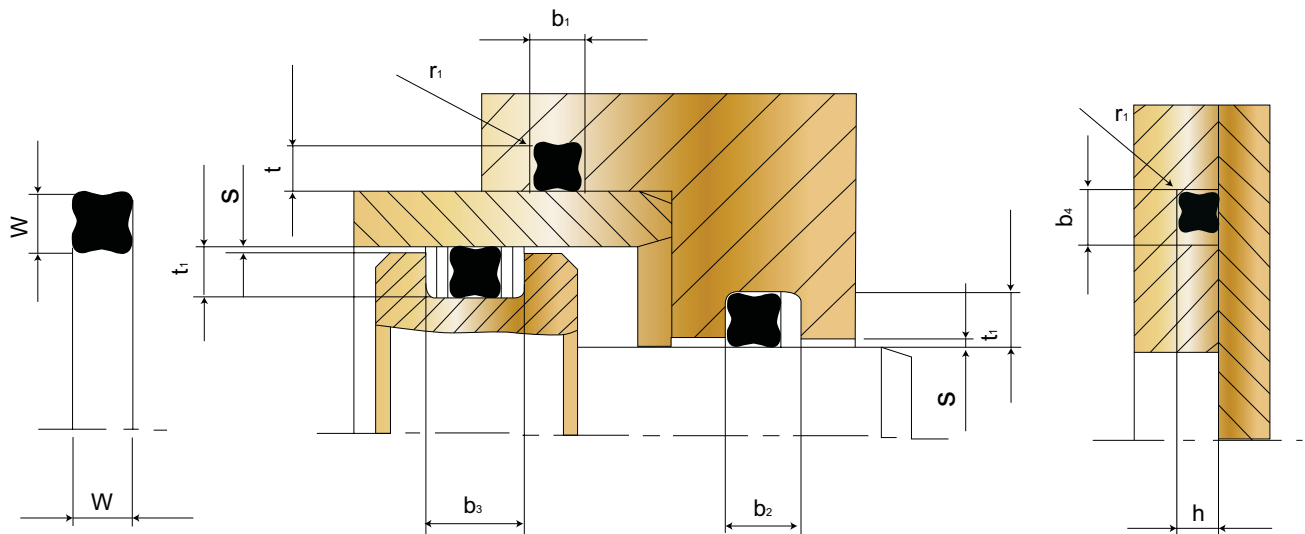


# X-Ring Design Reference

## Installation Recommendations



thickness W	Radial Squeezing		Groove Dimensions					Radius r <sub>1</sub>	rad.Gap S <sub>max.</sub>
	Dynamically max. min.	Statically max. min.	Groove depth		Groove width				
			Dynamically t <sub>1</sub> +0.05	Statically t / h+0.05	b <sub>1</sub> ,b <sub>4</sub> +0.2	b <sub>2</sub> +0.2	b <sub>3</sub> +0.2		
1.02	$\frac{0.300}{0.115}$	$\frac{0.300}{0.115}$	0.80	0.75	1.20	-	-	0.10	0.03
1.27	$\frac{0.330}{0.145}$	$\frac{0.330}{0.145}$	1.00	0.90	1.40	-	-	0.10	0.03
1.52	$\frac{0.350}{0.165}$	$\frac{0.350}{0.165}$	1.25	1.15	1.70	-	-	0.22	0.04
1.78	$\frac{0.360}{0.175}$	$\frac{0.360}{0.175}$	1.50	1.40	2.00	3.40	4.80	0.22	0.05
2.62	$\frac{0.400}{0.215}$	$\frac{0.400}{0.215}$	2.30	2.25	3.00	4.40	5.80	0.30	0.08
3.53	$\frac{0.430}{0.205}$	$\frac{0.430}{0.205}$	3.20	3.10	4.00	5.40	6.80	0.40	0.08
5.33	$\frac{0.560}{0.250}$	$\frac{0.560}{0.250}$	4.90	4.75	6.00	7.70	9.40	0.40	0.10
7.00	$\frac{0.700}{0.350}$	$\frac{0.700}{0.350}$	6.40	6.20	8.00	10.50	13.00	0.60	0.10