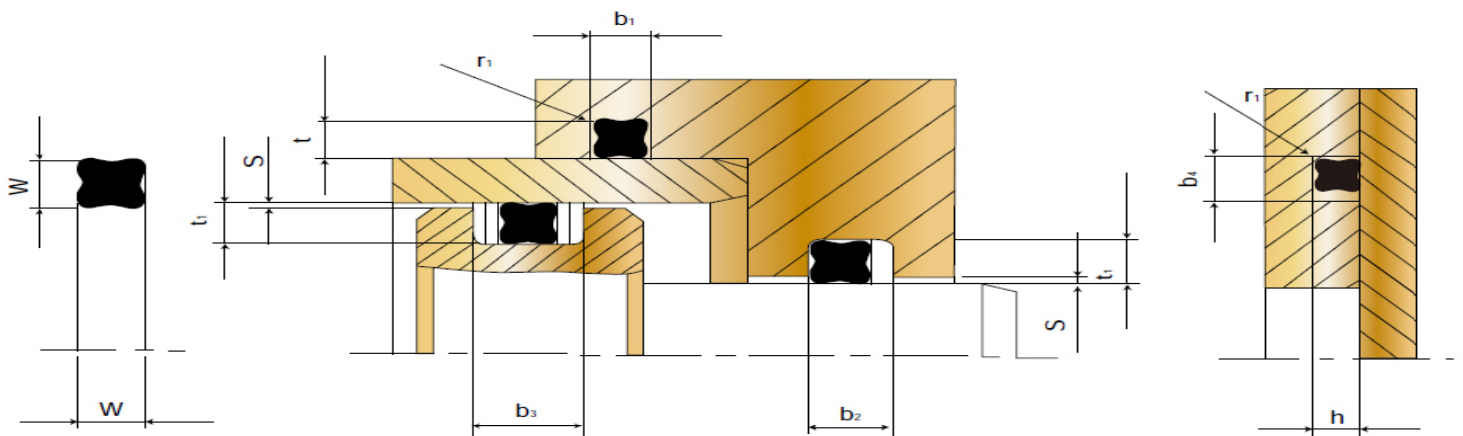




X-RING Design Reference

Installation Recommendations



SAM ENGINEERS

thickness w	Radial Squeezing		Groove Dimensions					Radius r ₁	rad.Gap S _{max.}
	Dynamically max. min.	Statically max. min.	Groove depth		Groove width				
			Dynamically t ₁ +0.05	Statically t / h+0.05	b ₁ ,b ₄ +0.2	b ₂ +0.2	b ₃ +0.2		
1.02	0.300 0.115	0.350 0.165	0.80	0.75	1.20	-	-	0.10	0.03
1.27	0.330 0.145	0.430 0.245	1.00	0.90	1.40	-	-	0.10	0.03
1.52	0.350 0.165	0.450 0.265	1.25	1.15	1.70	-	-	0.22	0.04
1.78	0.360 0.175	0.460 0.275	1.50	1.40	2.00	3.40	4.80	0.22	0.05
2.62	0.400 0.215	0.450 0.265	2.30	2.25	3.00	4.40	5.80	0.30	0.08
3.53	0.430 0.205	0.530 0.305	3.20	3.10	4.00	5.40	6.80	0.40	0.08
5.33	0.560 0.250	0.710 0.400	4.90	4.75	6.00	7.70	9.40	0.40	0.10
7.00	0.700 0.350	0.950 0.600	6.40	6.20	8.00	10.50	13.00	0.60	0.10