

EXTERNAL

PHONE: 516.328.3300 • FAX: 516.326.8827 • WWW.SDP-SI.COM

► MATERIAL:

Stainless Steel (PH 15-7 Mo)

► SPECIFICATIONS:

A Tolerance:

.225 in. +.002/- .004
 .250 to .461 in. +.002/- .005
 .509 to .925 in. +.005/- .010
 1.041 to 1.387 in. +.010/- .015
 1.446 to 1.503 in. +.013/- .020

G Tolerance:

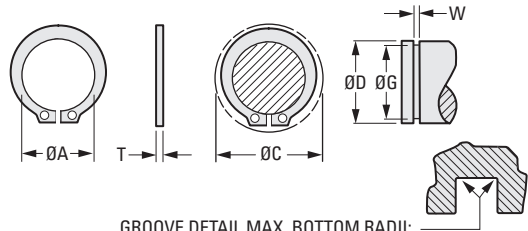
.230 in. ± .0015
 .255 to .530 in. ± .002
 .588 to .940 in. ± .003
 1.059 to 1.406 in. ± .004
 1.468 to 1.529 in. ± .005

W Tolerance:

.029 to .046 in. +.003/- .000
 .056 to .068 in. +.004/- .000

T Tolerance:

.025 to .050 in. ± .002
 .062 in. ± .003



GROOVE DETAIL MAX. BOTTOM RADII:
 .003 (S73HW2-100-025 THRU S73HW2-100-035)
 .005 (S73HW2-100-037 THRU S73HW2-100-100)
 .010 (S73HW2-100-112 THRU S73HW2-100-162)

INCH COMPONENT

Catalog Number	A Free Dia.	C Ring Clear. Dia.	D Shaft Dia.	G Groove Dia.	W Groove Width	T ^Δ Ring Thick.	Thrust Strength* Load lbf	
							Ring	Groove
S73HW2-100-025	.225	.45	.250	.230	.029	.025	590	175
S73HW2-100-027	.250	.48	.276	.255	.029	.025	650	195
S73HW2-100-028	.256	.49	.281	.261	.029	.025	660	200
S73HW2-100-031	.281	.54	.312	.290	.029	.025	740	240
S73HW2-100-034	.309	.57	.344	.321	.029	.025	800	265
S73HW2-100-035	.320	.58	.354	.330	.029	.025	820	300
S73HW2-100-037	.338	.60	.375	.352	.029	.025	870	320
S73HW2-100-039	.354	.62	.394	.369	.029	.025	940	335
S73HW2-100-043	.395	.66	.438	.412	.029	.025	1020	400
S73HW2-100-046	.428	.69	.469	.443	.029	.025	1100	450
S73HW2-100-050	.461	.77	.500	.468	.039	.035	1650	550
S73HW2-100-055	.509	.81	.551	.519	.039	.035	1800	600
S73HW2-100-056	.521	.82	.562	.530	.039	.035	1850	650
S73HW2-100-062	.579	.90	.625	.588	.039	.035	2060	800
S73HW2-100-068	.635	1.01	.688	.646	.046	.042	3400	1000
S73HW2-100-075	.693	1.09	.750	.704	.046	.042	3700	1200
S73HW2-100-087	.810	1.21	.875	.821	.046	.042	4300	1650
S73HW2-100-100	.925	1.41	1.000	.940	.046	.042	4950	2100
S73HW2-100-112	1.041	1.55	1.125	1.059	.056	.050	6600	2600
S73HW2-100-118	1.098	1.61	1.187	1.118	.056	.050	7000	2950
S73HW2-100-125	1.156	1.69	1.250	1.176	.056	.050	7350	3250
S73HW2-100-131	1.214	1.75	1.312	1.232	.056	.050	7750	3700
S73HW2-100-137	1.272	1.80	1.375	1.291	.056	.050	8100	4100
S73HW2-100-143	1.333	1.87	1.438	1.350	.056	.050	8500	4500
S73HW2-100-150	1.387	1.99	1.500	1.406	.056	.050	8800	5000
S73HW2-100-156	1.446	2.10	1.562	1.468	.068	.062	11400	5200
S73HW2-100-162	1.503	2.17	1.625	1.529	.068	.062	11850	5500

^Δ Max. ring thickness will be at least .002 less than listed minimum groove width **W**.

* Thrust Strength Factor of Safety: Rings = 4 Grooves = 2