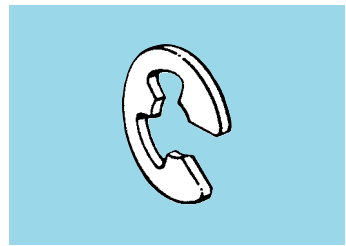
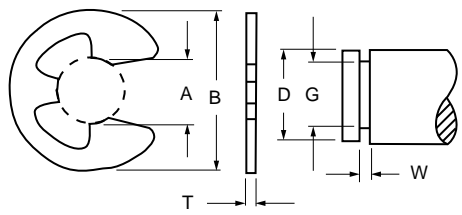


EXTERNAL



Rings conform to
MS16633 & MIL-R-21248

MATERIAL: Carbon Spring Steel (SAE 1065 - 1090)

FINISH: Oil-Dipped

TENSILE STRENGTH: 45,000 PSI

Priced Per 100 Pieces

Catalog Number	Free Diameter		B Ring O.D.	D Shaft Diameter	Groove Diameter		Groove Width		Ring Thickness		Thrust Strength lb.	
	A	Tol.			G	Tol.	W	Tol.	T	Tol.	Ring	Groove
* A 9Q29-04	.025	+ .001	.079	.040	.026	+ .002	.012	+ .002 - .000	.010	± .001	33	13
A 9Q29-X06	.051	- .003	.140	.062	.052	- .000					60	15
A 9Q29-06	.051		.156	.062	.052						60	15
A 9Q29-09	.073	+ .001	.187	.094	.074	+ .002	.018	+ .002 - .000	.015	± .002	150	44
A 9Q29-X09	.069	- .003	.230	.094	.074	- .000					150	44
A 9Q29-X11	.076		.375	.110	.079						180	75
A 9Q29-12	.094	+ .001	.230	.125	.095	+ .002	.018	+ .002 - .000	.015	± .002	210	85
A 9Q29-X14	.100	- .003	.203	.140	.102	- .000					240	125
A 9Q29-Y14	.109		.250	.140	.112						240	95
A 9Q29-14	.102	+ .001	.270	.140	.105	+ .002	.029	+ .003 - .000	.025	± .002	450	110
A 9Q29-15	.114	- .003	.282	.156	.116	- .000					480	145
A 9Q29-X17	.125		.312	.172	.127						540	175
A 9Q29-18	.145		.335	.188	.147	+ .002	.029	+ .003 - .000	.025	± .002	570	175
A 9Q29-X18	.122	+ .001	.375	.188	.125	- .000					585	270
A 9Q29-X21	.185	- .003	.437	.218	.188						675	155
A 9Q29-25	.207		.527	.250	.210		780	235				
A 9Q29-X31	.243		.500	.312	.250		.029	.025	± .002	975	455	
A 9Q29-37	.300	+ .002	.660	.375	.303	+ .003	.039	.035		1650	630	
A 9Q29-43	.337	- .004	.687	.437	.343	- .000	.039	.035		1900	960	
A 9Q29-X43	.375		.600	.437	.380		.039	.035	1800	600		
A 9Q29-50	.392		.800	.500	.396		.046	.042	3300	1200		

* Made of Beryllium Copper (Berylco 25).

For engineering assistance for all SDP components,
call on our application engineers.