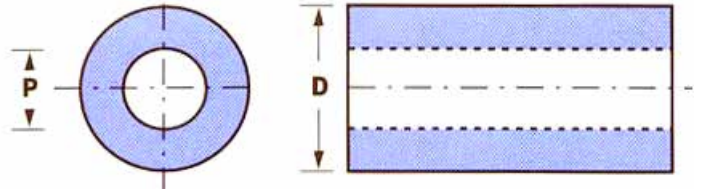


Heavy Duty Urethane Springs

See this table that show different sizes of tube springs available from stock. Metric sizes are available.

The I.D. of the tube spring (P) is slightly smaller than the nominal punch body diameter, so as to enable the spring to be pressed on the punch body.



Part Number	Punch Body Dia (Inch)	Outside Diameter (Inch)	Length (Inch)	Load (Lbs) required to deflect		
				1/8"	1/4"	1/2"
PH-018-100	3/16	15/16	1	550	1050	1480
PH-018-125			1-1/4	420	805	1140
PH-018-150			1-1/2	310	580	820
PH-018-FL			12-1/2	-	-	-
PH-025-100	1/4	1	1	640	1215	1725
PH-025-125			1-1/4	490	935	1325
PH-025-150			1-1/2	360	680	965
PH-025-175			1-3/4	315	595	840
PH-025-FL			12-1/2	-	-	-
PH-031-100	5/16	1-1/16	1	580	1100	1570
PH-031-125			1-1/4	430	830	1180
PH-031-150			1-1/2	310	780	1110
PH-031-175			1-3/4	360	680	970
PH-031-200			2	290	550	780
PH-031-FL			12-1/2	-	-	-
PH-038-100	3/8	1-1/8	1	720	1360	1945
PH-038-125			1-1/4	535	1010	1445
PH-038-150			1-1/2	360	895	1265
PH-038-175			1-3/4	405	770	1090
PH-038-200			2	330	625	890
PH-038-FL			24-1/2	-	-	-
PH-050-100	1/2	1-1/4	1	780	1410	2110
PH-050-125			1-1/4	610	1090	1650
PH-050-150			1-1/2	495	885	1330
PH-050-175			1-3/4	445	795	1195
PH-050-200			2	405	730	1100
PH-050-FL			24-1/2	-	-	-
PH-062-100	5/8	1-3/8	1	880	1580	2365
PH-062-125			1-1/4	700	1255	1880
PH-062-150			1-1/2	575	1035	1555
PH-062-175			1-3/4	490	885	1325
PH-062-200			2	440	790	1190
PH-062-FL			24-1/2	-	-	-
PH-075-125	3/4	1-3/4	1-1/4	1260	2270	3400
PH-075-150			1-1/2	1080	1945	2920
PH-075-175			1-3/4	915	1645	2470
PH-075-200			2	806	1450	2420
PH-075-225			2-1/4	715	1285	1930
PH-075-250			2-1/2	635	1140	1710
PH-075-275			2-3/4	585	1055	1580
PH-075-FL			24-1/2	-	-	-
PH-088-125	7/8	2	1-1/4	1632	2935	4405
PH-088-150			1-1/2	1400	2515	3785
PH-088-175			1-3/4	1185	2130	3200
PH-088-200			2	1045	1875	2815
PH-088-225			2-1/4	925	1665	2505
PH-088-250			2-1/2	825	1485	2225
PH-088-275			2-3/4	760	1365	2055
PH-088-300			3	695	1245	1275
PH-088-FL			24-1/2	-	-	-
PH-100-125	1	2-1/2	1-1/4	2335	4200	6310
PH-100-150			1-1/2	1920	3455	5195
PH-100-175			1-3/4	1615	2910	4370
PH-100-200			2	1370	2480	3720
PH-100-225			2-1/4	1185	2130	3195
PH-100-250			2-1/2	1090	1960	2940
PH-100-275			2-3/4	995	1800	2700
PH-100-300			3	895	1610	2425
PH-100-400			4	660	1185	1785
PH-100-FL			24-1/2	-	-	-