

Universal's 16 Inch Diameter Slider Head Series

UNIVERSAL		MINIMUM FINISHED COIL INSIDE DIAMETER		WINDING HEAD 16S	
COIL HT.	MAX COIL O.D.	SIDE SLIDER SHUTTLE SIZES (inches and mm)			
INCH mm	INCH mm	.440" 11.18mm	.625" 15.88mm	.750" 19.05mm	.875" 22.23mm
1/4" 6.35	11" 279.4	.450 11.43	.700 17.78	.850 21.59	1.000 25.40
1/2" 12.70	11" 279.4	.460 11.68	.710 18.03	.860 21.84	1.010 25.65
3/4" 19.05	11" 279.4	.480 12.19	.720 18.29	.870 22.09	1.020 25.91
1" 25.40	11" 279.4	.500 12.70	.730 18.54	.880 22.35	1.030 26.16
1-1/4" 31.75	11" 279.4	.520 13.20	.740 18.79	.890 22.61	1.040 26.42
1-1/2" 38.10	11" 279.4	.540 13.72	.750 19.05	.900 22.86	1.050 26.67
1-3/4" 44.45	11" 279.4	.560 14.22	.760 19.30	.910 23.11	1.060 26.92
2" 50.80	11" 279.4	.590 14.99	.780 19.81	.930 23.62	1.080 27.43
2-1/4" 57.15	10" 254.0	.610 15.49	.800 20.32	.950 24.13	1.100 27.94
2-1/2" 63.50	10" 254.0	.630 16.00	.820 20.83	.970 24.64	1.130 28.70
3" 76.20	10" 254.0	.680 12.27	.870 22.09	1.020 25.91	1.170 29.72
3-1/2" 88.90	9" 228.6	.730 18.54	.930 23.62	1.080 27.43	1.220 30.98
4" 101.60	9" 228.6	.780 19.81	1.000 25.40	1.150 29.21	1.280 32.51
4-1/2" 114.30	8" 203.2	.840 21.34	1.070 27.18	1.220 30.98	1.350 34.29
5" 127.00	8" 203.2	.940 23.88	1.150 29.21	1.300 33.02	1.440 36.58
5-1/2" 139.70	7" 177.80	1.040 26.42	1.240 31.49	1.390 35.31	1.540 39.11
6" 152.40	7" 177.80	1.150 29.21	1.340 33.27	1.500 38.10	1.660 42.16

UNIVERSAL		SHUTTLE WIRE CAPACITY		WINDING HEAD 16S	
WIRE SIZE	SIDE SLIDER SHUTTLE SIZES (inches and mm)				
AWG mm	FEET METERS	.440" 11.18mm	.625" 15.88mm	.750" 19.05mm	.875" 22.23mm
#20 0.812	FEET METERS	147 44.8	352 107.3	592 180.4	856 260.9
#21 0.732	FEET METERS	184 56.1	438 133.5	733 223.4	1037 315.2
#22 0.642	FEET METERS	229 72.1	546 166.4	917 279.5	1323 403.2
#23 0.574	FEET METERS	282 85.9	683 208.2	1142 348.1	1642 500.5
#24 0.510	FEET METERS	351 107.0	852 259.7	1430 435.9	2074 632.2
#25 0.454	FEET METERS	437 133.2	1059 322.8	1780 542.5	2557 779.4
#26 0.403	FEET METERS	539 164.3	1324 403.6	2226 678.5	3187 971.4
#27 0.360	FEET METERS	674 205.4	1643 500.8	2756 840.0	3931 1198.2
#28 0.320	FEET METERS	838 255.4	2057 627.0	3440 1048.5	4993 1521.9
#29 0.287	FEET METERS	1042 317.6	2528 770.5	4249 1295.1	6048 1843.4
#30 0.254	FEET METERS	1288 392.6	3182 969.9	5337 1626.7	7711 2350.3
#31 0.226	FEET METERS	1595 486.2	3890 1185.7	6538 1992.8	9408 2867.6
#32 0.203	FEET METERS	1983 604.4	4764 1452.1	7998 2437.8	11457 3492.1
#33 0.180	FEET METERS	2454 748.0	5989 1825.5	9757 2974.0	14700 4481.0
#34 0.160	FEET METERS	3067 934.8	7690 2343.9	12947 3946.2	18580 5663.2
#35 0.142	FEET METERS	3803 1159.2	9664 2945.6	16054 4893.3	23459 7177.7
#36 0.127	FEET METERS	4703 1433.5	12094 3686.3	20082 6121.0	29820 9089.1
#37 0.114	FEET METERS	5848 1782.5	14436 4400.1	23910 7287.8	35250 10744.2
#38 0.101	FEET METERS	7280 2218.9	18273 5569.6	30500 9296.4	44578 13587.4
#39 0.083	FEET METERS	8998 2742.6	23870 7275.6		
#40 0.073	FEET METERS	11043 3365.9			

SLIDER USED FOR SHUTTLE .440		
SLIDER #	WIRE SIZE	
	AWG	mm
#64	#40 - #47	(0.073 - 0.114)
#65	#36 - #33	(0.127 - 0.180)
#66	#32 - #29	(0.203 - 0.287)
#67	#28 - #25	(0.320 - 0.454)
#68	#24 - #20	(0.510 - 0.812)

SLIDER USED FOR SHUTTLE .625, .750 and .875		
SLIDER #	WIRE SIZE	
	AWG	mm
#72	#39 - #37	(0.088 - 0.114)
#73	#36 - #33	(0.127 - 0.180)
#74	#32 - #29	(0.203 - 0.287)
#75	#28 - #25	(0.320 - 0.454)
#76	#24 - #20	(0.510 - 0.812)