

## L2M Large Bore Oil Seal

The L2M Oil Seal, proven performance in demanding rotary applications including but not limited to, Steel Processing, Pulp and Paper, Aggregate/ Rock Crushing, Wind Power, Construction and Mining, etc. The L2M Oil Seal can also be used where shaft misalignment issues are a concern.

The dual spring design provides increased tolerance to shaft alignment issues. A clamped helical spring retains the coiled spring in place against the sealing element. This design also helps the user properly install the seal without the spring coming free in the seal groove.

Minimum Shaft Diameter:	180 mm (7.086")
Maximum Shaft Diameter:	2000 mm (78.740")
Pressure Rating:	0.5 bar (7.25 PSI)
Misalignment Tolerance:	2.50 mm (0.098")
Operating Speed:	1200 m/min (20 m/s)



**Case:** Steel  
**Elastomer:** Nitrile, Fluorocarbon, HNBR, Silicone,  
**Spring:** Stainless Steel

### L2M vs a Competitor's Design

L2M	Competitor's Design
Metal Case is a single piece without welding	Metal has a welded seam
80% contact share in housing bore No O-Ring required to assure a perfect sealing	Minimal % contact share in housing bore. O-Ring required to assure sealing
Lip vulcanized on the metal case, no leakage through components	Clamped components design, lip not vulcanized on the metal case, leakage through components is possible
Lip interference calibrated on shaft diameter to achieve uniform lip preload	Fixed interference, high preload on small diameters, low preload on large diameters

**Additional profiles and materials options are available to address more demanding and/or unique operating parameters.**

Smaller Shaft Diameter	L1M (3.875-7.000")
Higher Operating Speeds	up to 3000 m/min (50 m/s)
Higher pressure Rating	4 bar (58.01 PSI)
Excluder Lip	Double Lip available

Please contact your HTS Technical Representative to discuss your application.

## Imperial L2M Sizes

Part Number	Imperial			Metric			Garlock Ref. #
	Shaft	O.D.	Height	Shaft	O.D.	Height	
O 1150013000687	11.500	13.000	0.687	292.10	330.20	17.45	21238-64X-4057
O 1150013500812	11.500	13.500	0.812	292.10	342.90	20.62	21238-64X-4063
O 1175013250687	11.750	13.250	0.687	298.45	336.55	17.45	21238-64X-4064
O 1200013500687	12.000	13.500	0.687	304.80	342.90	17.45	21238-64X-4612
O 1200014000750	12.000	14.000	0.750	304.80	355.60	19.05	21238-64X-4071
O 1200014000812	12.000	14.000	0.812	304.80	355.60	20.62	21238-64X-4072
O 1225013750687	12.250	13.750	0.687	311.15	349.25	17.45	21238-64X-4613
O 1225013750875	12.250	13.750	0.875	311.15	349.25	22.22	21238-64X-4614
O 1225014250812	12.250	14.250	0.812	311.15	361.95	20.62	21238-64X-4075
O 1237513875687	12.375	13.875	0.687	314.32	352.42	17.45	21238-64X-4076
O 1237514000687	12.375	14.000	0.687	314.32	355.60	17.45	21238-64X-4056
O 1250014000687	12.500	14.000	0.687	317.50	355.60	17.45	21238-64X-4079
O 1275014250687	12.750	14.250	0.687	323.85	361.95	17.45	21238-64X-4089
O 1300014500687	13.000	14.500	0.687	330.20	368.30	17.45	21238-64X-4093
O 1300015000812	13.000	15.000	0.812	330.20	381.00	20.62	21238-64X-4099
O 1325014750687	13.250	14.750	0.687	336.55	374.65	17.45	21238-64X-4101
O 1325014875687	13.250	14.875	0.687	336.55	377.82	17.45	21238-64X-7734
O 1350015000687	13.500	15.000	0.687	342.90	381.00	17.45	21238-64X-4121
O 1350015500812	13.500	15.500	0.812	342.90	393.70	20.62	21238-64X-4128
O 1375015750812	13.750	15.750	0.812	349.25	400.05	20.62	21238-64X-4129
O 1393715437687	13.937	15.437	0.687	353.99	392.09	17.45	21238-64X-4130
O 1400015500687	14.000	15.500	0.687	355.60	393.70	17.45	21238-64X-4131
O 1400015750750	14.000	15.750	0.750	355.60	400.05	19.05	21238-64X-4134
O 1400015750687	14.000	15.750	0.687	355.60	400.05	17.45	21238-64X-5991
O 1400016000812	14.000	16.000	0.812	355.60	406.40	20.62	21238-64X-4135
O 1425015750687	14.250	15.750	0.687	361.95	400.05	17.45	21238-64X-4118
O 1425016250812	14.250	16.250	0.812	361.95	412.75	20.62	21238-64X-4140
O 1450016000687	14.500	16.000	0.687	368.30	406.40	17.45	21238-64X-4142
O 1450016500812	14.500	16.500	0.812	368.30	419.10	20.62	21238-64X-4145
O 1462516750812	14.625	16.750	0.812	371.47	425.45	20.62	21238-64X-3857
O 1475016250687	14.750	16.250	0.687	374.65	412.75	17.45	21238-64X-4147
O 1475016500687	14.750	16.500	0.687	374.65	419.10	17.45	21238-64X-5990
O 1487516500687	14.875	16.500	0.687	377.82	419.10	17.45	21238-64X-3858
O 1500016500750	15.000	16.500	0.750	381.00	419.00	19.05	21238-64X-3067
O 1500016500687	15.000	16.500	0.687	381.00	419.10	17.45	21238-64X-4151
O 1500017000812	15.000	17.000	0.812	381.00	431.80	20.62	21238-64X-4156
O 1525016750687	15.250	16.750	0.687	387.35	425.45	17.45	21238-64X-4615
O 1525017250875	15.250	17.250	0.875	387.35	438.15	22.22	21238-64X-3030
O 1531217312687	15.312	17.312	0.687	388.92	439.72	17.45	21238-64X-5992



## Imperial L2M Sizes

Part Number	Imperial			Metric			Garlock Ref. #
	Shaft	O.D.	Height	Shaft	O.D.	Height	
O 1550017500812	15.500	17.500	0.812	393.70	444.40	20.62	21238-64X-4163
O 1575017250687	15.750	17.250	0.687	400.05	438.15	17.45	21238-64X-4170
O 1600017000687	16.000	17.000	0.687	406.40	444.50	17.45	21238-64X-4177
O 1600018000812	16.000	18.000	0.812	406.40	457.20	20.62	21238-64X-4180
O 1600018000875	16.000	18.000	0.875	406.40	457.20	22.22	21238-64X-5077
O 1600018500812	16.000	18.500	0.812	406.40	469.90	20.62	21238-64X-5995
O 1625017750687	16.250	17.750	0.687	412.75	450.85	17.45	21238-64X-4181
O 1625018000750	16.250	18.000	0.750	412.75	457.20	19.05	21238-64X-4184
O 1637517875687	16.375	17.875	0.687	415.92	454.02	17.45	21238-64X-4179
O 1650018000687	16.500	18.000	0.687	419.10	457.20	17.45	21238-64X-9863
O 1650018500812	16.500	18.500	0.812	419.10	469.90	20.62	21238-64X-4186
O 1650018500687	16.500	18.500	0.687	419.10	469.90	17.45	21238-64X-4187
O 1675018500687	16.750	18.500	0.687	425.45	469.90	17.45	21238-64X-8862
O 1700019000812	17.000	19.000	0.812	431.80	482.60	20.62	21238-64X-4190
O 1700019563687	17.000	19.563	0.687	431.80	496.90	17.45	21238-64X-4188
O 1750019000687	17.500	19.000	0.687	444.50	482.60	17.45	21238-64X-4194
O 1750019250100	17.500	19.250	1.000	444.50	488.95	25.40	21238-64X-3005
O 1750019250687	17.500	19.250	0.687	444.50	488.95	17.45	21238-64X-5054
O 1750019500687	17.500	19.500	0.687	444.50	495.30	17.45	21238-64X-4198
O 1762519250687	17.625	19.250	0.687	447.67	488.95	17.45	21238-64X-4199
O 1787519875812	17.875	19.875	0.812	454.02	504.82	20.62	21238-64X-4204
O 1800019500687	18.000	19.500	0.687	457.20	495.30	17.45	21238-64X-4206
O 1800020000875	18.000	20.000	0.875	457.20	508.00	22.22	21238-64X-4210
O 1825019875687	18.250	19.875	0.687	463.55	504.82	17.45	21238-64X-3765
O 1837419875687	18.374	19.875	0.687	466.72	504.82	17.45	21238-64X-4213
O 1850020000687	18.500	20.000	0.687	469.90	508.00	17.45	21238-64X-3768
O 1850020500875	18.500	20.500	0.875	469.90	520.70	22.22	21238-64X-4216
O 1900020500750	19.000	20.500	0.750	482.60	520.70	19.05	21238-64X-4218
O 1900021000875	19.000	21.000	0.875	482.60	533.40	22.22	21238-64X-4219
O 1900021500875	19.000	21.500	0.875	482.60	546.10	22.22	21238-64X-3773
O 1909421063750	19.094	21.063	0.750	485.00	535.00	19.05	21238-64X-4220
O 1925020750750	19.250	20.750	0.750	488.95	527.05	19.05	21238-64X-4617
O 1925021250750	19.250	21.250	0.750	488.95	539.75	19.05	21238-64X-5485
O 1950021500875	19.500	21.500	0.875	495.30	546.10	22.22	21238-64X-4221
O 1975021750875	19.750	21.750	0.875	501.65	552.45	22.22	21238-64X-4228
O 1993721687625	19.937	21.687	0.625	506.40	550.84	15.87	21238-64X-4233
O 2000021500750	20.000	21.500	0.750	508.00	546.10	19.05	21238-64X-4235
O 2000021750750	20.000	21.750	0.750	508.00	552.45	19.05	21238-64X-4236
O 2000022000875	20.000	22.000	0.875	508.00	558.80	22.22	21238-64X-4237



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Part Number	Imperial			Metric			Garlock Ref. #
	Shaft	O.D.	Height	Shaft	O.D.	Height	
O 2025021750750	20.250	21.750	0.750	514.35	552.45	19.05	21238-64X-4239
O 2050022000750	20.500	22.000	0.750	520.70	558.80	19.05	21238-64X-4619
O 2050022500875	20.500	22.500	0.875	520.70	571.50	22.22	21238-64X-4246
O 2075022750875	20.750	22.750	0.875	527.05	577.85	22.22	21238-64X-4248
O 2086522836812	20.865	22.836	0.812	529.99	580.03	20.62	21238-64X-4244
O 2100022500750	21.000	22.500	0.750	533.40	571.50	19.05	21238-64X-5259
O 2100023000875	21.000	23.000	0.875	533.40	584.20	22.22	21238-64X-4253
O 2125023250875	21.250	23.250	0.875	539.75	590.55	22.22	21238-64X-5254
O 2150023250750	21.500	23.250	0.750	546.10	590.55	19.05	21238-64X-4257
O 2150023500875	21.500	23.500	0.875	546.10	596.90	22.22	21238-64X-4259
O 2162423625875	21.624	23.625	0.875	549.27	600.07	22.22	21238-64X-4263
O 2175023250750	21.750	23.250	0.750	552.45	590.55	19.05	21238-64X-4621
O 2175023750875	21.750	23.750	0.875	552.45	603.25	22.22	21238-64X-4265
O 2200023500750	22.000	23.500	0.750	558.80	596.90	19.05	21238-64X-4269
O 2200024000875	22.000	24.000	0.875	558.80	609.60	22.22	21238-64X-4270
O 2225024250875	22.250	24.250	0.875	565.15	615.95	22.22	21238-64X-3764
O 2243724437750	22.437	24.437	0.750	569.89	620.70	19.05	21238-64X-6480
O 2250024000750	22.500	24.000	0.750	571.50	609.60	19.05	21238-64X-4271
O 2250024500875	22.500	24.500	0.875	571.50	622.30	22.22	21238-64X-4279
O 2275024750875	22.750	24.750	0.875	577.85	628.65	22.22	21238-64X-4281
O 2300024500750	23.000	24.500	0.750	584.20	622.30	19.05	21238-64X-4283
O 2300025000875	23.000	25.000	0.875	584.20	635.00	22.22	21238-64X-4284
O 2300025500875	23.000	25.500	0.875	584.20	647.70	22.22	21238-64X-4285
O 2350025500875	23.500	25.500	0.875	596.90	647.70	22.22	21238-64X-4288
O 2356225375750	23.562	25.375	0.750	598.47	644.52	19.05	21238-64X-4291
O 2362526000875	23.625	26.000	0.875	600.07	660.40	22.22	21238-64X-4292
O 2375025250100	23.750	25.250	1.000	603.25	641.35	25.40	21238-64X-6239
O 2387526000875	23.875	26.000	0.875	606.42	660.40	22.22	21238-64X-4293
O 2400025500750	24.000	25.500	0.750	609.60	647.70	19.05	21238-64X-4623
O 2400026000875	24.000	26.000	0.875	609.60	660.40	22.22	21238-64X-4294
O 2400026000812	24.000	26.000	0.812	609.60	660.40	20.62	21238-64X-4295
O 2400026000750	24.000	26.000	0.750	609.60	660.40	19.05	21238-64X-9988
O 2425026250875	24.250	26.250	0.875	615.95	666.75	22.22	21238-64X-4301
O 2443726000750	24.437	26.000	0.750	620.69	660.40	19.05	21238-64X-4302
O 2443726937100	24.437	26.937	1.000	620.69	684.15	25.40	21238-64X-9990
O 2450026500875	24.500	26.500	0.875	622.30	673.10	22.22	21238-64X-4305
O 2500026500750	25.000	26.500	0.750	635.00	673.10	19.05	21238-64X-4308
O 2500027000875	25.000	27.000	0.875	635.00	685.80	22.22	21238-64X-3774
O 2518726875750	25.187	26.875	0.750	639.75	682.62	19.05	21238-64X-4311

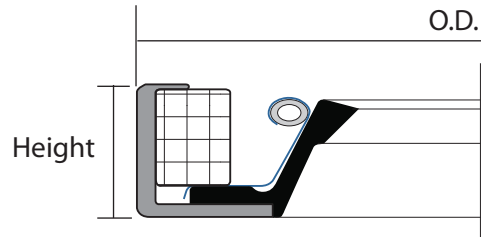


## Imperial L2M Sizes

Part Number	Imperial			Metric			Garlock Ref. #
	Shaft	O.D.	Height	Shaft	O.D.	Height	
O 3300035250875	33.000	35.250	0.875	838.20	895.35	22.22	21238-64X-4326
O 3300035500875	33.000	35.500	0.875	838.20	901.70	22.22	21238-64X-4544
O 3350035500875	33.500	35.500	0.875	850.90	901.70	22.22	21238-64X-4389
O 3350036000875	33.500	36.000	0.875	850.90	914.40	22.22	21238-64X-4550
O 3400036000875	34.000	36.000	0.875	863.60	914.40	22.22	21238-64X-4399
O 3400036500750	34.000	36.500	0.750	863.60	927.10	19.05	21238-64X-3056
O 3425036000750	34.250	36.000	0.750	869.95	914.40	19.05	21238-64X-3017
O 3450036500100	34.500	36.500	1.000	876.30	927.10	25.40	21238-64X-3021
O 3450036500875	34.500	36.500	0.875	876.30	927.10	22.22	21238-64X-4405
O 3500037000875	35.000	37.000	0.875	889.00	939.80	22.22	21238-64X-3835
O 3500037500875	35.000	37.500	0.875	889.00	952.50	22.22	21238-64X-3836
O 3500038000875	35.000	38.000	0.875	889.00	965.20	22.22	21238-64X-3837
O 3525037250875	35.250	37.250	0.875	895.35	946.15	22.22	21238-64X-4416
O 3537537375875	35.375	37.375	0.875	898.52	949.32	22.22	21238-64X-4417
O 3550037500875	35.500	37.500	0.875	901.70	952.50	22.22	21238-64X-4553
O 3550038000984	35.500	38.000	0.984	901.60	965.10	25.00	21238-64X-3001
O 3582638077687	35.826	38.077	0.687	910.00	967.15	17.45	21238-64X-3003
O 3600038000875	36.000	38.000	0.875	914.40	965.20	22.22	21238-64X-4421
O 3600038500100	36.000	38.500	1.000	914.40	977.90	25.40	21238-64X-9993
O 3675038750875	36.750	38.750	0.875	933.45	984.25	22.22	21238-64X-4432
O 3675039250875	36.750	39.250	0.875	933.45	996.95	22.22	21238-64X-7428
O 3700039000875	37.000	39.000	0.875	939.80	990.60	22.22	21238-64X-4434
O 3725039250875	37.250	39.250	0.875	946.15	996.95	22.22	21238-64X-4436
O 3750039500875	37.500	39.500	0.875	952.50	1003.30	22.22	21238-64X-4438
O 3800040000875	38.000	40.000	0.875	965.20	1016.00	22.22	21238-64X-4448
O 3825040250875	38.250	40.250	0.875	971.55	1022.35	22.22	21238-64X-4454
O 3900041000875	39.000	41.000	0.875	990.60	1041.40	22.22	21238-64X-4465
O 3975042250875	39.750	42.250	0.875	1009.65	1073.15	22.22	21238-64X-7538
O 4150043500875	41.500	43.500	0.875	1054.10	1104.90	22.22	21238-64X-4635
O 4187543500100	41.875	43.500	1.000	1063.62	1104.90	25.40	21238-64X-8628
O 4225044250100	42.250	44.250	1.000	1073.10	1123.90	25.40	21238-64X-4470
O 4250044250875	42.500	44.250	0.875	1079.50	1123.95	22.22	21238-64X-5555
O 4250045000875	42.500	45.000	0.875	1079.50	1143.00	22.22	21238-64X-4473
O 4300045500100	43.000	45.500	1.000	1092.20	1155.70	25.40	21238-64X-9994
O 4350045500875	43.500	45.500	0.875	1104.90	1155.70	22.22	21238-64X-4637
O 4375045750875	43.750	45.750	0.875	1111.25	1162.05	22.22	21238-64X-4638
O 4400046500100	44.000	46.500	1.000	1117.60	1181.10	25.40	21238-64X-3024
O 4400046500875	44.000	46.500	0.875	1117.60	1181.10	22.22	21238-64X-4475
O 4500046625100	45.000	46.625	1.000	1143.00	1184.27	25.40	21238-64X-8903
O 4825050250875	48.250	50.250	0.875	1225.55	1276.35	22.22	21238-64X-4639
O 5000052000875	50.000	52.000	0.875	1270.00	1320.80	22.22	21238-64X-8198
O 5125053275875	51.250	53.275	0.875	1301.75	1353.20	22.22	21238-64X-6747

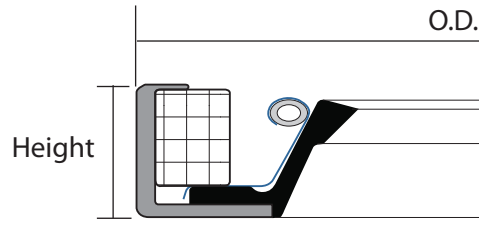


## Metric L2M Sizes



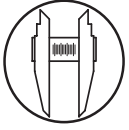
Part Number	Metric			Imperial			Garlock Ref. #
	Shaft	O.D.	Height	Shaft	O.D.	Height	
OS 18022016	180.00	220.00	16.00	7.087	8.661	0.630	21238-64X-3075
OS 20024020	200.00	240.00	20.00	7.874	9.449	0.787	21238-64X-3013
OS 22026016	220.00	260.00	16.00	8.661	10.236	0.630	21238-64X-3074
OS 26030020	260.00	300.00	20.00	10.236	11.811	0.787	21238-64X-5429
OS 26030420	260.00	304.00	20.00	10.236	11.969	0.787	21238-64X-3076
OS 27531918	275.00	319.00	18.00	10.827	12.559	0.709	21238-64X-3078
OS 27531919	275.00	319.00	19.00	10.827	12.559	0.748	21238-64X-3096
OS 29033018	290.00	330.00	18.00	11.417	12.992	0.709	21238-64X-3886
OS 32036418	320.00	364.00	18.00	12.598	14.331	0.709	21238-64X-3079
OS 32036420	320.00	364.00	20.00	12.598	14.331	0.787	21238-64X-3080
OS 33037018	330.00	370.00	18.00	12.992	14.567	0.709	21238-64X-3007
OS 39043016	390.00	430.00	16.00	15.354	16.929	0.630	21238-64X-4616
OS 40044020	400.00	440.00	20.00	15.748	17.323	0.787	21238-64X-3038
OS 42046020	420.00	460.00	20.00	16.535	18.110	0.787	21238-64X-3010
OS 44048020	440.00	480.00	20.00	17.322	18.898	0.787	21238-64X-4192
OS 47052022	470.00	520.00	22.00	18.504	20.472	0.866	21238-64X-3029
OS 52057022	520.00	570.00	22.00	20.472	22.441	0.866	21238-64X-3027
OS 56061020	560.00	610.00	20.00	22.047	24.016	0.787	21238-64X-7266
OS 56560120	565.00	601.00	20.00	22.244	23.661	0.787	21238-64X-9995
OS 60064020	600.00	640.00	20.00	23.622	25.197	0.787	21238-64X-8624
OS 63067020	630.00	670.00	20.00	24.803	26.378	0.787	21238-64X-3020
OS 63069020	630.00	690.00	20.00	24.803	27.165	0.787	21238-64X-3059
OS 64068020	640.00	680.00	20.00	25.196	26.771	0.787	21238-64X-3019
OS 65071425	650.00	714.00	25.00	25.590	28.110	0.984	21238-64X-3016
OS 67072022	670.00	720.00	22.00	26.377	28.346	0.866	21238-64X-3081
OS 75081425	750.00	814.00	25.00	29.528	32.047	0.984	21238-64X-4629
OS 76280015	762.00	800.00	15.00	30.000	31.496	0.591	21238-64X-3048
OS 78084425	780.00	844.00	25.00	30.709	33.228	0.984	21238-64X-3032
OS 79085425	790.00	854.00	25.00	31.102	33.622	0.984	21238-64X-6666
OS 90595522	905.00	955.00	22.00	35.630	37.598	0.866	21238-64X-3065
OS 99010425	990.00	1040.00	25.00	38.976	40.945	0.984	21238-64X-9998
OS 1000106425	1000.00	1064.00	25.00	39.370	41.890	0.984	21238-64X-3093
OS 1350141525	1350.00	1415.00	25.00	53.150	55.709	0.984	21238-64X-3028

## Imperial L2M Sizes



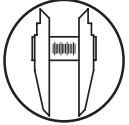
Part Number	Imperial			Metric			Garlock Ref. #
	Shaft	O.D.	Height	Shaft	O.D.	Height	
O 78759375687	7.875	9.375	0.687	200.02	238.12	17.45	21238-64X-9176
O 80009500687	8.000	9.500	0.687	203.20	241.30	17.45	21238-64X-3921
O 825010250812	8.250	10.250	0.812	209.55	260.35	20.62	21238-64X-4499
O 83759875687	8.375	9.875	0.687	212.72	250.82	17.45	21238-64X-3933
O 850010000687	8.500	10.000	0.687	215.90	254.00	17.45	21238-64X-8453
O 862510125687	8.625	10.125	0.687	219.07	257.17	17.45	21238-64X-3939
O 875010250687	8.750	10.250	0.687	222.25	260.35	17.45	21238-64X-3946
O 900010500687	9.000	10.500	0.687	228.60	266.70	17.45	21238-64X-3954
O 912510625687	9.125	10.625	0.687	231.77	269.87	17.45	21238-64X-3957
O 925010750687	9.250	10.750	0.687	234.95	273.05	17.45	21238-64X-3963
O 937511375812	9.375	11.375	0.812	238.12	288.92	20.62	21238-64X-4610
O 950011250750	9.500	11.250	0.750	241.30	285.75	19.05	21238-64X-3981
O 950011500812	9.500	11.500	0.812	241.30	292.10	20.62	21238-64X-3984
O 975011250687	9.750	11.250	0.687	247.65	285.75	17.45	21238-64X-3985
O 975011750687	9.750	11.750	0.687	247.65	298.45	17.45	21238-64X-9425
O 1000011500687	10.000	11.500	0.687	254.00	292.10	17.45	21238-64X-3992
O 1000012000812	10.000	12.000	0.812	254.00	304.80	20.62	21238-64X-3997
O 1000012250812	10.000	12.250	0.812	254.00	311.15	20.62	21238-64X-3669
O 1012511625687	10.125	11.625	0.687	257.17	295.27	17.45	21238-64X-3999
O 1012511750687	10.125	11.750	0.687	257.17	298.45	17.45	21238-64X-5989
O 1025011750687	10.250	11.750	0.687	260.35	298.45	17.45	21238-64X-4004
O 1050012000687	10.500	12.000	0.687	266.70	304.80	17.45	21238-64X-4011
O 1050012500812	10.500	12.500	0.812	266.70	317.50	20.62	21238-64X-4017
O 1075012250687	10.750	12.250	0.687	273.05	311.15	17.45	21238-64X-4023
O 1075012500875	10.750	12.500	0.875	273.05	317.50	22.22	21238-64X-4033
O 1075012750625	10.750	12.750	0.625	273.05	323.85	15.87	21238-64X-3014
O 1087512375687	10.875	12.375	0.687	276.22	314.32	17.45	21238-64X-4027
O 1087512500687	10.875	12.500	0.687	276.22	317.50	17.45	21238-64X-4028
O 1100012500687	11.000	12.500	0.687	279.40	317.50	17.45	21238-64X-4611
O 1100013500687	11.000	13.500	0.687	279.40	342.90	17.45	21238-64X-3060
O 1125012750750	11.250	12.750	0.750	285.75	323.85	19.05	21238-64X-4046
O 1125012750687	11.250	12.750	0.687	285.75	323.85	17.45	21238-64X-4527
O 1125013250812	11.250	13.250	0.812	285.75	336.55	20.62	21238-64X-4047

## Locations:



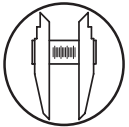
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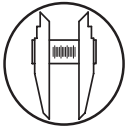
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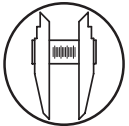
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