

# GLM Products, Inc.

## Oil Seals & O-Ring Size Charts

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# MerCruiser

## OIL SEALS SHAFT & BORE SIZE

GLM	OEM	Shaft Size	Bore Size	GLM	OEM	Shaft Size	Bore Size
<b>Table By OEM Numbers</b>							
<b>85700</b>	26-12224	1.1875	1.6875	<b>85800</b>	26-48443	0.7500	1.3750
<b>85820</b>	26-12709	0.5000	0.6875	<b>85440</b>	26-55682	1.0000	1.2500
<b>85130</b>	26-14077	1.1875	1.6875	<b>85460</b>	26-56397	0.7500	1.1250
<b>85790</b>	26-14240	3.7500	4.5000	<b>85480</b>	26-56788	0.8750	1.2500
<b>85040</b>	26-16977	0.8750	1.2500	<b>85500</b>	26-62818	1.6250	2.2500
<b>86730</b>	26-18816	1.6875	2.2500	<b>85011</b>	26-66302	0.8750	1.3750
<b>86590</b>	26-20070	0.6250	1.0000	<b>85120</b>	26-69188	0.8750	1.2500
<b>85210</b>	26-23517	0.7500	1.2500	<b>85520</b>	26-69189	0.8750	1.3125
<b>85680</b>	26-24590	0.3750	0.5625	<b>85530</b>	26-70081	1.1875	1.7500
<b>85110</b>	26-26226	1.0000	1.5000	<b>85810</b>	26-72785	0.7500	1.8750
<b>85100</b>	26-26805	0.6875	1.1250	<b>85130</b>	26-76868	1.1875	1.6875
<b>85100</b>	26-27163	0.6875	1.1250	<b>85580</b>	26-79831	0.7500	1.1250
<b>85260</b>	26-30530	0.5625	1.0000	<b>85370</b>	26-805080	2.5000	3.1875
<b>85270</b>	26-30913	0.4375	0.8360	<b>85581</b>	26-816646-1	0.3750	0.7500
<b>85290</b>	26-32121	0.7500	1.0000	<b>85510</b>	26-821092	1.5000	2.2500
<b>85020</b>	26-32511	1.2500	2.0000	<b>85030</b>	26-823894	2.2500	3.0000
<b>85440</b>	26-32911	1.0000	1.2500	<b>85050</b>	26-89236-1	0.3750	0.7500
<b>85330</b>	26-33467	0.6250	1.1250	<b>85070</b>	26-89238	0.8750	1.5000
<b>85160</b>	26-43035	1.0312	1.4688	<b>85080</b>	26-90562	0.7500	1.2500
<b>85170</b>	26-43036	1.0312	1.4688	<b>85600</b>	26-94038	1.0000	1.5000
<b>85010</b>	26-41953	1.1875	1.8750	<b>85610</b>	26-96063	0.4375	0.8750
<b>85140</b>	26-45577-1	0.3125	0.4375	<b>85060</b>	26-96503-1	0.8750	1.3750
<b>85380</b>	26-45587	0.3750	0.6250	<b>85100</b>	26-99325	0.6875	1.1250
<b>Table By Shaft Size</b>							
<b>85140</b>	26-45577-1	0.3125	0.4375	<b>85060</b>	26-96503-1	0.8750	1.3750
<b>85050</b>	26-89236-1	0.3750	0.7500	<b>85070</b>	26-89238	0.8750	1.5000
<b>85380</b>	26-45587	0.3750	0.6250	<b>85120</b>	26-69188	0.8750	1.2500
<b>85581</b>	26-816646-1	0.3750	0.7500	<b>85480</b>	26-56788	0.8750	1.2500
<b>85680</b>	26-31249	0.3750	0.5625	<b>85520</b>	26-69189	0.8750	1.3125
<b>85270</b>	26-30913	0.4375	0.8360	<b>85110</b>	26-26226	1.0000	1.5000
<b>85610</b>	26-96063	0.4375	0.8750	<b>85440</b>	26-32911	1.0000	1.2500
<b>85820</b>	26-12709	0.5000	0.6875	<b>85440</b>	26-55682	1.0000	1.2500
<b>85260</b>	26-30530	0.5625	1.0000	<b>85600</b>	26-94038	1.0000	1.5000
<b>85330</b>	26-33467	0.6250	1.1250	<b>85170</b>	26-43036	1.0312	1.4688
<b>86590</b>	26-20070	0.6250	1.0000	<b>85160</b>	26-43035	1.0312	1.4688
<b>85100</b>	26.26805	0.6875	1.1250	<b>85010</b>	26-41953	1.1875	1.8750
<b>85100</b>	26-27163	0.6875	1.1250	<b>85130</b>	26-14077	1.1875	1.6875
<b>85100</b>	26-99325	0.6875	1.1250	<b>85130</b>	26-76868	1.1875	1.6875
<b>85080</b>	26-90562	0.7500	1.2500	<b>85530</b>	26-70081	1.1875	1.7500
<b>85210</b>	26-23517	0.7500	1.2500	<b>85700</b>	26-12224	1.1875	1.6875
<b>85290</b>	26-32121	0.7500	1.0000	<b>85020</b>	26-32511	1.2500	2.0000
<b>85460</b>	26-56397	0.7500	1.1250	<b>85510</b>	26-821092	1.5000	2.2500
<b>85580</b>	26-79831	0.7500	1.1250	<b>85500</b>	26-62818	1.6250	2.2500
<b>85800</b>	26-48443	0.7500	1.3750	<b>86730</b>	26-18816	1.6875	2.2500
<b>85810</b>	26-72785	0.7500	1.8750	<b>85030</b>	26-823894	2.2500	3.0000
<b>85011</b>	26-66302	0.8750	1.3750	<b>85370</b>	26-805080	2.5000	3.1875
<b>85040</b>	26-16977	0.8750	1.2500	<b>85790</b>	26-14240	3.7500	4.5000



# MerCruiser

## O-RING SIZE CHART

GLM	OEM	I.D.	O.D.	W.	GLM	OEM	I.D.	O.D.	W.	GLM	OEM	I.D.	O.D.	W.
<b>Table By OEM Numbers</b>														
82340	25-20081	2	3-1/4	1/8	82150	25-35027	1-1/16	1-5/16	1/8	81100	25-62704	3/8	9/16	3/32
80070	25-16524	5/32	9/32	1/16	82350	25-35029	3-1/8	3-3/8	1/8	80180	25-62705	3/4	7/8	1/16
82280	25-20826	2-1/4	2-1/2	1/8	82100	25-35276	3/4	1	1/8	80430	25-62706	3-1/2	3-5/8	1/16
82310	25-20863	2-5/8	2-7/8	1/8	81240	25-35480	1-1/4	1-7/16	3/32	84190	25-62817	3-3/4	4-17/20	11/40
82110	25-21836	13/16	1-1/16	1/8	81175	25-36318	13/16	1	3/32	80330	25-64067	2	2-1/8	1/16
82140	25-32145	1	1-1/4	1/8	81070	25-36390	11/16	13/16	1/16	80440	25-64966	3-3/4	3-7/8	1/16
81180	25-25439	7/8	1-1/16	3/32	82270	25-38099	2-1/8	2-3/8	1/8	81250	25-65936	1-5/16	1-1/2	3/32
81080	25-26543	1/4	7/16	3/32	81150	25-38101	11/16	7/8	3/32	82480	25-67202	4-3/4	5	1/8
82240	25-26722	1-3/4	2	1/8	80090	25-38933	7/32	11/32	1/16	80410	25-67206	3	3-1/8	1/16
81110	25-26802	7/16	5/8	3/32	82440	25-39695	4-1/4	4-1/2	1/8	81470	25-69202	2-11/16	2-7/8	3/32
82230	25-26855	1-5/8	1-7/8	1/8	82710	25-42357	9-1/4	9-1/2	1/8	83465	25-69201	4-1/8	4-1/2	3/16
81230	25-29439	1-3/16	1-3/8	3/32	80140	25-45253	1/2	5/8	1/16	82380	25-70937	3-1/2	3-3/4	1/8
81190	25-29845	15/16	1-1/8	3/32	80160	25-45254	5/8	3/4	1/16	82530	25-805197	5-3/8	5-5/8	1/8
83415	25-29976	3-1/2	3-7/8	3/16	80290	25-45257	1-1/2	1-5/8	1/16	82425	25-805331	4	4-1/4	1/8
82250	25-30224	1-7/8	2-1/8	1/8	81140	25-45711	5/8	13/16	3/32	81420	25-822370	2-3/8	2-9/16	3/32
81360	25-30529	2	2-3/16	3/32	82390	25-47254	3-5/8	3-7/8	1/8	45250	25-82275M	41.5mm	47.5mm	3mm
81160	25-30613	3/4	15/16	3/32	81220	25-47632	1-1/8	1-5/16	3/32	45260	25-82289M	66mm	76.6mm	5.30mm
82360	25-31305	3-1/4	3-1/2	1/8	80120	25-48171	3/8	1/2	1/16	45280	25-84054M	40mm	44.8mm	2.4mm
83445	25-31534	3-7/8	4-1/4	3/16	82120	25-48452	7/8	1-1/8	1/8	45270	25-811175M	62mm	70mm	4mm
83345	25-31986	2-5/8	3	3/16	80160	25-48462	5/8	3/4	1/16	83330	25-85549	2-1/2	2-7/8	3/16
80140	25-32509	1/2	5/8	1/16	80380	25-53421	2-5/8	2-3/4	1/16	82900	25-85594	1/4	19/32	11/64
80420	25-32546	3-1/4	3-3/8	1/16	81430	25-54029	2-7/16	2-5/8	3/32	82050	25-88198	7/16	11/16	1/8
82260	25-33145	2	2-1/4	1/8	81510	25-54030	3	3-3/16	3/32	81530	25-89497	3-1/2	3-11/16	3/32
81430	25-33465	2-7/16	2-5/8	3/32	80190	25-55801	13/16	15/16	1/16	81390	25-90011	2-3/16	2-3/8	3/32
81260	25-33466	1-3/8	1-9/16	3/32	80230	25-58390	1-1/16	1-3/16	1/16	80390	25-93211	2-3/4	2-7/8	1/16
82200	25-33504	1-3/8	1-5/8	1/8	80350	25-62457	2-1/4	2-3/8	1/16	*84026	25-94288	1-1/14	1-3/8	1/16
82400	25-33756	3-3/4	4	1/8	81520	25-62700	3-1/4	3-7/16	3/32	81570	25-97387	4-1/2	4-11/16	3/32
83505	25-34821	4-5/8	5	3/16	80115	25-62702	5/16	7/16	1/16	82060	25-99691	1-1/2	3/4	1/8
<b>Table By Nominal Size</b>														
81030	25-29619	3/32	9/32	3/32	81230	25-29439	1-3/16	1-3/8	3/32	80410	25-67206	3	3-1/8	1/16
80070	25-16524	5/32	9/32	1/16	81240	25-35480	1-1/4	1-7/16	3/32	81510	25-54030	3	3-3/16	3/32
80090	25-38933	7/32	11/32	1/16	*84026	25-94288	1-1/14	1-3/8	1/16	82340	25-20081	3	3-1/4	1/8
81080	25-26543	1/4	7/16	3/32	81250	25-65936	1-5/16	1-1/12	3/32	82350	25-35029	3-1/8	3-3/8	1/8
82900	25-85594	1/4	19/32	11/64	81260	25-33466	1-3/8	1-9/16	3/32	80420	25-32546	3-1/4	3-3/8	1/16
80115	25-62702	5/16	7/16	1/16	82200	25-33504	1-3/8	1-5/8	1/8	81520	25-62700	3-1/4	3-7/16	3/32
80120	25-48171	3/8	1/2	1/16	81270	25-45710	1-7/16	1-5/8	3/32	82360	25-31305	3-1/4	3-1/2	1/8
81100	25-62704	3/8	9/16	3/32	80290	25-45257	1-1/2	1-5/8	1/16	80430	25-62706	3-1/2	3-5/8	1/16
81110	25-26802	7/16	5/8	3/32	82060	25-99691	1-1/2	3/4	1/8	81530	25-89497	3-1/2	3-11/16	3/32
82050	25-88198	7/16	11/16	1/8	82230	25-26855	1-5/8	1-7/8	1/8	82380	25-70937	3-1/2	3-3/4	1/8
80140	25-32509	1/2	5/8	1/16	82240	25-26722	1-3/4	2	1/8	83415	25-29976	3-1/2	3-7/8	3/16
80160	25-48462	5/8	3/4	1/16	82250	25-30224	1-7/8	2-1/8	1/8	82390	25-47254	3-5/8	3-7/8	1/8
81140	25-48462	5/8	3/4	1/16	80330	25-64067	2	2-1/8	1/16	80440	25-64966	3-3/4	3-7/8	1/16
80170	25-36390	11/16	13/16	1/16	81360	25-30529	2	2-3/16	3/32	82400	25-33756	3-3/4	4	1/8
81150	25-38101	11/16	7/8	3/32	82260	25-33145	2	2-1/4	1/8	84190	25-62817	3-3/4	4-17/20	11/40
80180	25-62705	3/4	7/8	1/16	82270	25-38099	2-1/8	2-3/8	1/8	83445	25-31534	3-7/8	4-1/4	3/16
81160	25-30613	3/4	15/16	3/32	81390	25-90011	2-3/16	2-3/8	3/32	82425	25-905331	4	4-1/4	1/8
82100	25-35276	3/4	1	1/8	80350	25-62457	2-1/4	2-3/8	1/16	83465	25-69201	4-1/8	4-1/2	3/16
80190	25-55801	13/16	15/16	1/16	82280	25-20826	2-1/4	2-1/2	1/8	82440	25-39695	4-1/4	4-1/2	1/8
81175	25-36318	13/16	1	3/32	81420	25-822370	2-3/8	2-9/16	3/32	81570	25-97387	4-1/2	4-11/16	3/32
82110	25-21836	13/16	1-1/16	1/8	81430	25-33465	2-7/16	2-5/8	3/32	83505	25-34821	4-5/8	5	3/16
81180	25-25439	7/8	1-1/16	3/32	81430	25-54029	2-7/16	2-5/8	3/32	82480	25-67202	4-3/4	5	1/8
82120	25-48452	7/8	1-1/8	1/8	83330	25-85549	2-1/2	2-7/8	3/16	82530	25-805197	5-3/8	5-5/8	1/8
81190	25-29845	15/16	1-1/8	3/32	80380	25-53421	2-5/8	2-3/4	1/16	82710	25-42357	9-1/4	9-1/2	1/8
82140	25-23145	1	1-1/4	1/8	82310	25-20863	2-5/8	2-7/8	1/8	45280	25-84054M	40mm	44.8mm	2.4mm
80230	25-58390	1-1/16	1-3/16	1/16	83345	25-31986	2-5/8	3	3/16	45250	25-82275M	41.5mm	47.5mm	3mm
82150	25-35027	1-1/16	1-5/16	1/8	81470	25-69202	2-11/16	2-7/8	3/32	45270	25-811175M	62mm	70mm	4mm
81220	25-47632	1-1/8	1-5/16	3/32	80390	25-92311	2-3/4	2-7/8	1/16	45260	25-82289M	66mm	76.6mm	5.30mm

\* Quad Ring

# Mercury / Mariner / Force

## OIL SEALS SHAFT & BORE SIZE

GLM	OEM	Shaft Size	Bore Size	GLM	OEM	Shaft Size	Bore Size
<b>Table By OEM Numbers</b>							
<b>85700</b>	26-12224	1.1875	1.6875	<b>85460</b>	26-56397	0.7500	1.1250
<b>85820</b>	26-12709	0.5000	0.6875	<b>85480</b>	26-56788	0.8750	1.2500
<b>85130</b>	26-14077	1.1875	1.6875	<b>85500</b>	26-62818	1.6250	2.2500
<b>85790</b>	26-14240	3.7500	4.5000	<b>86840</b>	26-66022	0.5625	1.0000
<b>85040</b>	26-16977	0.8750	1.2500	<b>85011</b>	26-66302	0.8750	1.3750
<b>86730</b>	26-18816	1.6875	2.2500	<b>85120</b>	26-69188	0.8750	1.2500
<b>86590</b>	26-20070	0.6250	1.0000	<b>85520</b>	26-29189	0.8750	1.3125
<b>85210</b>	26-23517	0.7500	1.2500	<b>85530</b>	26-70081	1.1875	1.7500
<b>85680</b>	26-24590	0.3750	0.5625	<b>85810</b>	26-72785	0.7500	1.8750
<b>85110</b>	26-26226	1.0000	1.5000	<b>85130</b>	26-76868	4.1875	1.6875
<b>85100</b>	26-26805	0.6875	1.1250	<b>85580</b>	26-79831	0.7500	1.1250
<b>85100</b>	26-27163	0.6875	1.1250	<b>85370</b>	26-805080	2.5000	3.1875
<b>85260</b>	26-30530	0.5625	4.0000	<b>85581</b>	26-816464-1	0.3750	0.7500
<b>85270</b>	26-30913	0.4375	0.8360	<b>85510</b>	26-821092	1.5000	2.2500
<b>85290</b>	26-32121	0.7500	1.0000	<b>85030</b>	26-823894	2.2500	3.0000
<b>85020</b>	26-32511	1.2500	2.0000	<b>85050</b>	26-89236-1	0.3750	0.7500
<b>85440</b>	26-32911	1.0000	1.2500	<b>85070</b>	26-89238	0.8750	1.5000
<b>85330</b>	26-33467	0.6250	1.1250	<b>85080</b>	26-90562	0.7500	1.2500
<b>85160</b>	26-43035	1.0312	1.4687	<b>85600</b>	26-94038	1.0000	1.5000
<b>85010</b>	26-41953	1.1875	1.8750	<b>85610</b>	26-96063	0.4375	0.8750
<b>85170</b>	26-43036	1.0312	1.4687	<b>85060</b>	26-96503	0.8750	1.3750
<b>85140</b>	26-45577-1	0.3125	0.4375	<b>85100</b>	26-99325	0.6875	1.1250
<b>85380</b>	26-45587	0.3750	0.6250				
<b>85800</b>	26-48443	0.7500	1.3750				
<b>85440</b>	26-55682	1.0000	1.2500				
<b>Table By Shaft Size</b>							
<b>85140</b>	26-45577-1	0.3125	0.4375	<b>85120</b>	26-69188	0.8750	1.2500
<b>85050</b>	26-89236-1	0.3750	0.7500	<b>85480</b>	26-56788	0.8750	1.2500
<b>85380</b>	26-45587	0.3750	0.6250	<b>85520</b>	26-69189	0.8750	1.3125
<b>85581</b>	26-816464-1	0.3750	0.7500	<b>85110</b>	26-26226	1.0000	1.5000
<b>85680</b>	26-24590	0.3750	0.5625	<b>85440</b>	26-32911	1.0000	1.2500
<b>85270</b>	26-30913	0.4375	0.8360	<b>85440</b>	26-55682	1.0000	1.2500
<b>85610</b>	26-96063	0.4375	0.8750	<b>85600</b>	26-94038	1.0000	1.5000
<b>85820</b>	26-12709	0.5000	0.6875	<b>85170</b>	26-43036	1.0312	1.4687
<b>86840</b>	26-66022	0.5625	1.0000	<b>85160</b>	26-43035	1.0312	1.4687
<b>85260</b>	26-30530	0.5625	1.0000	<b>85010</b>	26-41953	1.1875	1.8750
<b>85330</b>	26-33467	0.6250	1.1250	<b>85130</b>	26-14077	1.1875	1.6875
<b>86590</b>	26-20070	0.6250	1.0000	<b>85130</b>	26-76868	1.1875	1.6875
<b>85100</b>	26-26805	0.6875	1.1250	<b>85530</b>	26-70081	1.1875	1.7500
<b>85100</b>	26-27163	0.6875	1.1250	<b>85700</b>	26-12224	1.1875	1.6875
<b>85100</b>	26-99325	0.6875	1.1250	<b>85020</b>	26-32511	1.2500	2.0000
<b>85080</b>	26-90562	0.7500	1.2500	<b>85510</b>	26-821092	1.5000	2.2500
<b>85210</b>	26-23517	0.7500	1.2500	<b>85500</b>	26-62818	1.6250	2.2500
<b>85290</b>	26-32121	0.7500	1.0000	<b>86730</b>	26-18816	1.6875	2.2500
<b>85460</b>	26-56397	0.7500	1.1250	<b>85030</b>	26-823894	2.2500	3.0000
<b>85580</b>	26-79831	0.7500	1.1250	<b>85370</b>	26-805080	2.5000	3.1875
<b>85800</b>	26-48443	0.7500	1.3750	<b>85790</b>	26-14240	3.7500	4.5000
<b>85810</b>	26-72785	0.7500	1.8750				
<b>85011</b>	26-66302	0.8750	1.3750				
<b>85040</b>	26-16977	0.8750	1.2500				
<b>85060</b>	26-96503	0.8750	1.3750				
<b>85070</b>	26-89238	0.8750	1.5000				



# Mercury / Mariner / Force

## O-RING SIZE CHART

GLM	OEM	I.D.	O.D.	W.	GLM	OEM	I.D.	O.D.	W.	GLM	OEM	I.D.	O.D.	W.
<b>Table By OEM Numbers</b>														
82340	25-20081	3	3-1/4	1/8	82350	25-35029	3-1/8	3-3/8	1/8	80430	25-62706	3-1/2	3-5/8	1/16
80070	25-16524	5/32	9/32	1/16	82100	25-35276	3/4	1	1/8	88170	25-62817	3-3/4	4-17/20	11/40
82280	25-20826	2-1/4	2-1/2	1/8	81240	25-35480	1-1/4	1-7/16	3/32	80330	25-64067	2	2-1/8	1/16
82310	25-20863	2-5/8	2-7/8	1/8	81175	25-36318	13/16	1	3/32	81080	25-64068	1/4	7/16	3/32
82110	25-21836	13/16	1-1/16	1/8	80170	25-36390	11/16	13/16	1/16	80440	25-64966	3-3/4	3-7/8	1/16
82140	25-23145	1	1-1/4	1/8	82270	25-38099	2-1/8	2-3/8	1/8	81250	25-65936	1-5/16	1-1/2	3/32
81180	25-25439	7/8	1-1/16	3/32	81150	25-38101	11/16	7/8	3/32	82480	25-67202	4-3/4	5	1/8
81080	25-26543	1/4	7/16	3/32	80090	25-38933	7/32	11/32	1/16	80410	25-67206	3	3-1/8	1/16
82240	25-26722	1-3/4	2	1/8	82440	25-39695	4-1/4	4-1/2	1/8	81470	25-69202	2-11/16	2-7/8	3/32
81110	25-26802	7/16	5/8	3/32	82710	25-42357	9-1/4	9-1/2	1/8	83465	25-69201	4-1/8	4-1/2	3/16
82230	25-26855	1-5/8	1-7/8	1/8	80140	25-45253	1/2	5/8	1/16	82380	25-70937	3-1/2	3-3/4	1/8
81230	25-29439	1-3/16	1-3/8	3/32	80160	25-45254	5/8	3/4	1/16	82530	25-805197	5-3/8	5-3/8	1/8
81030	25-29619	3/32	9/32	3/32	80290	25-45257	1-1/2	1-5/8	1/16	82425	25-805331	4	4-1/4	1/8
81190	25-29845	15/16	1-1/8	3/32	81270	25-45710	1-7/16	1-5/8	3/32	81420	25-822370	2-3/8	2-9/16	3/32
83415	25-29976	3-1/2	3-7/8	3/16	81140	25-45711	5/8	13/16	3/32	45250	25-82275M	41.5mm	47.5mm	3mm
82250	25-30224	1-7/8	2-1/8	1/8	82390	25-47254	3-5/8	3-7/8	1/8	45260	25-82289M	66mm	76.6mm	5.30mm
81360	25-30529	2	2-3/16	3/32	81220	25-47632	1-1/8	1-5/16	3/32	45280	25-84054M	40mm	44.8mm	2.4mm
81160	25-30613	3/4	15/16	3/32	80120	25-48171	3/8	1/2	1/16	45270	25-811175M	62mm	70mm	4mm
82360	25-31305	3-1/4	3-1/2	1/8	82120	25-48452	7/8	1-1/8	1/8	83330	25-85549	2-1/2	2-7/8	3/16
83445	25-31534	3-7/8	4-1/4	3/16	80160	25-48462	5/8	3/4	1/16	82900	25-85594	1/4	19/32	11/64
83345	25-31986	2-5/8	3	3/16	80380	25-53421	2-5/8	2-3/4	1/16	82050	25-88198	7/16	11/16	1/8
80140	25-32509	1/2	5/8	1/16	81430	25-54029	2-7/16	2-5/8	3/32	81530	25-89497	3-1/2	3-11/16	3/32
80420	25-32546	3-1/4	3-3/8	1/16	81510	25-54030	3	3-3/16	3/32	81390	25-90011	2-3/16	2-3/8	3/32
82260	25-33145	2	2-1/4	1/8	80190	25-55801	13/16	15/16	1/16	80390	25-92311	2-3/4	2-7/8	1/16
81430	25-33465	2-7/16	2-5/8	3/32	80230	25-58390	1-1/16	1-3/16	1/16	84026	25-94288	1-1/4	1-3/8	1/16
81260	25-33466	1-3/8	1-9/16	3/32	80350	25-62457	2-1/4	2-3/8	1/16	82390	25-97386	3-5/8	3-7/8	1/8
82200	25-33504	1-3/8	1-5/8	1/8	81520	25-62700	3-1/4	3-7/16	3/32	81570	25-97387	4-1/2	4-11/16	3/32
82400	25-33756	3-3/4	4	1/8	80115	25-62702	5/16	7/16	1/16	82060	25-99691	1-1/2	3/4	1/8
83505	25-34821	4-5/8	5	3/16	81100	25-62704	3/8	9/16	3/32					
82150	25-35027	1-1/16	1-5/16	1/8	80180	25-62705	3/4	7/8	1/16					
<b>Table By Nominal Size</b>														
81030	25-29619	3/32	9/32	3/32	81220	25-47632	1-1/8	1-5/16	3/32	81510	25-54030	3	3-3/16	3/32
80070	25-16524	5/32	9/32	1/16	81230	25-29439	1-3/16	1-3/8	3/32	82340	25-20081	3	3-1/4	1/8
80090	25-38933	7/32	11/32	1/16	81240	25-35480	1-1/4	1-7/16	3/32	82350	25-35029	3-1/8	3-3/8	1/8
81080	25-26543	1/4	7/16	3/32	*84026	25-94288	1-1/4	1-3/8	1/16	80420	25-32546	3-1/4	3-3/8	1/16
81080	25-64068	1/4	7/16	3/32	81250	25-65936	1-5/16	1-1/2	3/32	81520	25-62700	3-1/4	3-7/16	3/32
82900	25-85594	1/4	19/32	11/64	81260	25-33466	1-3/8	1-9/16	3/32	82360	25-31305	3-1/4	3-1/2	1/8
80115	25-62702	5/16	7/16	1/16	82200	25-33504	1-3/8	1-5/8	1/8	80430	25-62706	3-1/2	3-5/8	1/16
81020	25-48171	3/8	1/2	1/16	81270	25-45710	1-7/16	1-5/8	3/32	81530	25-89497	3-1/2	3-11/16	3/32
81100	25-62704	3/8	9/16	3/32	80290	25-45257	1-1/2	1-5/8	1/16	82380	25-70937	3-1/2	3-3/4	1/8
81110	25-26802	7/16	5/8	3/32	82060	25-99691	1-1/2	3/4	1/8	83415	25-29976	3-1/2	3-7/8	3/16
82050	25-88198	7/16	11/16	1/8	82230	25-26855	1-5/8	1-7/8	1/8	82390	25-47254	3-5/8	3-7/8	1/8
81040	25-32509	1/2	5/8	1/16	82240	25-26722	1-3/4	2	1/8	82390	25-97386	3-5/8	3-7/8	1/8
81040	25-45253	1/2	5/8	1/16	82250	25-30224	1-7/8	2-1/8	1/8	80440	25-64966	3-3/4	3-7/8	1/16
81060	25-45254	5/8	3/4	1/16	80330	25-64067	2	2-1/8	1/16	82400	25-33756	3-3/4	4	1/8
81060	25-48462	5/8	3/4	1/16	81360	25-30529	2	2-3/16	3/32	88170	25-62817	3-3/4	4-17/20	11/40
81140	25-45711	5/8	13/16	3/32	82260	25-33145	2	2-1/4	1/8	83445	25-31534	3-7/8	4-1/4	3/16
80170	25-36390	11/16	13/16	1/16	82270	25-38099	2-1/8	2-3/8	1/8	82425	25-805331	4	4-1/4	1/8
81150	25-38101	11/16	7/8	3/32	81390	25-90011	2-3/16	2-3/8	3/32	83465	25-69201	4-1/8	4-1/2	3/16
80180	25-62705	3/4	7/8	1/16	80350	25-62457	2-1/4	2-3/8	1/16	82440	25-39695	4-1/4	4-1/2	1/8
81160	25-30613	3/4	15/16	3/32	82280	25-20826	2-1/4	2-1/2	1/8	81570	25-97387	4-1/2	4-11/16	3/32
82100	25-35276	3/4	1	1/8	81420	25-822370	2-3/8	2-9/16	3/32	83505	25-34821	4-5/8	5	3/16
80190	25-55801	13/16	15/16	1/16	81430	25-33465	2-7/16	2-5/8	3/32	82480	25-67202	4-3/4	5	1/8
81175	25-36318	13/16	1	3/32	81430	25-54029	2-7/16	2-5/8	3/32	82530	25-805197	5-3/8	5-5/8	1/8
82110	25-21836	13/16	1-1/16	1/8	83330	25-85549	2-1/2	2-7/8	3/16	82710	25-42357	9-1/4	9-1/2	1/8
81180	25-25439	7/8	1-1/16	3/32	80380	25-53421	2-5/8	2-3/4	1/16	45280	25-84054M	40mm	44.8mm	2.4mm
82120	25-48452	7/8	1-1/8	1/8	82310	25-20863	2-5/8	2-7/8	1/8	45250	25-82275M	41.5mm	47.5mm	3mm
81190	25-29845	15/16	1-1/8	3/32	83345	25-31986	2-5/8	3	3/16	45270	25-811175M	62mm	70mm	4mm
82140	25-23145	1	1-1/4	1/8	81470	25-69202	2-1/6	2-7/8	3/32	45260	25-82289M	66mm	76.6mm	5.30mm
80230	25-58390	1-1/16	1-3/16	1/16	80390	25-92311	2-3/4	2-7/8	1/16					
82150	25-35027	1-1/16	1-5/16	1/8	80410	25-67206	3	3-1/8	1/16					

\* Quad Ring

# OMC - Volvo Penta

## OIL SEALS SHAFT & BORE SIZE

GLM	OEM	Shaft Size	Bore Size	GLM	OEM	Shaft Size	Bore Size
<b>Table By OEM Numbers</b>							
86350	302564	0.7813	1.3750	86510	324639	0.4375	0.9375
86360	303345	0.5625	1.0000	86750	326716	0.7500	1.3750
86380	305987	1.0000	1.3750	86450	327031	0.4375	0.8750
86370	309989	1.3750	2.0000	86240	329922	0.8750	1.3750
85110	310599	1.0000	1.5000	86250	329923	0.8750	1.3750
86040	310649	2.5000	3.0000	86030	330137	1.1250	1.6250
86390	313282	0.5540	1.0625	86270	330327	0.6250	1.1250
86740	313283	0.8125	1.3125	86790	331103	1.1250	1.6250
86410	313284	0.6250	1.1250	86460	332205	0.7500	1.1250
86050	313353	1.9375	2.4375	86520	332261	0.6250	1.3750
85010	313392	1.1875	1.8750	86470	332942	1.6250	2.0625
86400	314167	0.4219	0.9375	86810	334950	1.2500	1.6875
86120	318972	0.5000	0.8750	86440	339620	1.6250	2.1250
85130	320862	1.1875	1.6875	86011	341280	0.8750	1.3750
85120	321453	0.8750	1.2500	86012	314281	1.2500	1.6875
86150	321459	0.6250	1.1250	86590	908855	0.6250	1.0000
86160	321466	0.7500	1.1250	86070	911019	1.0000	2.5000
86060	321467	1.0000	1.3750	86530	911685	2.0000	2.5000
86170	321480	0.5000	1.2500	86550	911788	1.0000	1.3750
86180	321481	0.6875	1.2500	86010	981195	1.5000	2.1250
86420	321786	0.6250	1.1250	86080	981196	1.7500	2.5000
86190	321787	0.6250	1.1250	86090	981268	1.6250	2.5000
86430	321788	0.5000	1.0000	87100	3852272	45MM	75MM
86760	321831	0.7500	1.2500	86610	3853655	0.5000	0.9062
86770	321895	1.6250	1.9219	87110	3853858	25MM	35MM
86200	321928	0.6250	1.3750	86260	3858303	1.2500	1.7500
<b>Table By Shaft Size</b>							
86400	314167	0.4219	0.9375	86240	329922	0.8750	1.3750
86450	327031	0.4375	0.8750	86250	329923	0.8750	1.3750
86510	324639	0.4375	0.9375	87110	3853858	25mm	35mm
86120	318972	0.5000	0.8750	85110	310599	1.0000	1.5000
86170	321480	0.5000	1.2500	86060	321467	1.0000	1.3750
86430	321788	0.5000	1.0000	86070	911019	1.0000	2.5000
86610	3853655	0.5000	0.9062	86380	305987	1.0000	1.3750
86390	313282	0.5540	1.0625	86550	911788	1.0000	1.3750
86360	303345	0.5625	1.0000	86030	330137	1.1250	1.6250
86410	313284	0.6250	1.1250	86790	331103	1.1250	1.6250
86150	321459	0.6250	1.1250	85010	313392	1.1875	1.8750
86190	321787	0.6250	1.1250	85130	320862	1.1875	1.6875
86200	321928	0.6250	1.3750	86012	314281	1.2500	1.6875
86270	330327	0.6250	1.1250	86810	334950	1.2500	1.6875
86420	321786	0.6250	1.1250	86260	385830	1.2500	1.7500
86520	332261	0.6250	1.3750	86370	309989	1.3750	2.0000
86590	908855	0.6250	1.0000	86010	981195	1.5000	2.1250
86180	321481	0.6875	1.2500	86090	981268	1.6250	2.5000
86160	321466	0.7500	1.1250	86440	339620	1.6250	2.1250
86460	332205	0.7500	1.1250	86470	332942	1.6250	2.0625
86750	326716	0.7500	1.3750	86770	321895	1.6250	1.9219
86760	321831	0.7500	1.2500	86080	981196	1.7500	2.5000
86350	302564	0.7813	1.3750	87100	3852272	45mm	75mm
86740	313283	0.8125	1.3125	86050	313353	1.9375	2.4375
85120	321453	0.8750	1.2500	86530	911685	2.0000	2.5000
86011	341280	0.8750	1.3750	86040	310649	2.5000	3.0000

# OMC - Volvo Penta

## O-RING SIZE CHART

GLM	OEM	I.D.	O.D.	W.	GLM	OEM	I.D.	O.D.	W.	GLM	OEM	I.D.	O.D.	W.
<b>Table By OEM Numbers</b>														
80120	202893	3/8	1/2	1/16	81230	309731	1-3/16	1-3/8	3/32	81100	329381	3/8	9/16	3/32
81070	310824	7/32	13/32	3/32	82250	310327	1-7/8	2-1/8	1/8	80100	332583	1/4	3/8	1/16
45230	301877	31/128	73/128	21/128	82390	310414	3-5/8	3-7/8	1/8	80100	332584	1/4	3/8	1/16
81170	301967	13/16	1	3/32	82100	310584	3/4	1	1/8	81080	333572	1/4	7/16	3/32
82260	302337	2	2-1/4	1/8	81160	310585	3/4	15/16	3/32	81450	338518	2-9/16	2-3/4	3/32
82170	302493	1-3/16	1-7/16	1/8	81160	310967	3/4	15/16	3/32	81300	338522	1-5/8	1-13/16	3/32
81260	302537	1-3/8	1-9/16	3/32	80180	311338	3/4	7/8	1/16	81120	339543	1/2	11/16	3/32
82140	302540	1	1-1/4	1/8	82480	313175	4-3/4	5	1/8	82360	553126	3-1/4	3-1/2	1/8
82240	302588	1-3/4	2	1/8	81310	313340	1-11/16	1-7/8	3/32	81220	554545	1-1/8	1-5/16	3/32
81100	303067	3/8	9/16	3/32	82370	313446	3-3/8	3-5/8	1/8	81550	908194	4	4-3/16	3/32
80110	303191	5/16	7/16	1/16	81340	313754	1-7/8	2-1/16	3/32	81440	908383	2-1/2	2-11/16	3/32
81110	303347	7/16	5/8	3/32	80220	314491	1	1-1/8	1/16	81140	909047	5/8	13/16	3/32
82150	303360	1-1/16	1-5/16	1/8	81380	314728	2-1/8	2-5/16	3/32	41120	909048	1/2	11/16	3/32
80140	304174	1/2	5/8	1/16	80100	317178	1/4	3/8	1/16	42140	909139	1	1-1/4	1/8
82400	305123	3-3/4	4	1/8	45200	318372	8mm	16mm	4mm	80230	909140	1-1/16	1-3/16	1/16
82080	305146	5/8	7/8	1/8	83250	318717	1-1/2	1-7/8	3/16	81280	909316	1-1/2	1-11/16	3/32
82030	305242	5/16	9/16	1/8	83200	319085	1-1/8	1-1/12	3/16	81090	909747	5/16	1/2	3/32
82230	305270	1-5/8	1-7/8	1/8	81330	319662	1-13/16	2	3/32	82520	910238	5-1/4	5-1/2	1/8
80100	305739	1/4	3/8	1/16	82130	320140	15/16	1-3/16	1/8	82250	910582	1-7/8	2-1/8	1/8
82310	307082	2-5/8	2-7/8	1/8	82320	320303	2-3/4	3	1/8	80100	911311	1/4	3/8	1/16
80130	307450	7/16	9/16	1/16	80080	321117	3/16	5/16	1/16	82380	911686	3-1/2	3-3/4	1/8
80090	307853	7/32	11/32	1/16	81250	322501	1-5/16	1-1/2	3/32	82430	911700	4-1/8	4-3/8	1/8
82350	308621	3-1/8	3-3/8	1/8	80090	322598	7/32	11/32	1/16	81210	911718	1-1/16	1-1/4	3/32
81290	308458	1-9/16	1-3/4	3/32	81140	326649	5/8	13/16	3/32	81230	911871	1-3/16	1-3/8	3/32
81190	308624	15/16	1-1/8	3/32	82460	326741	4-1/2	4-3/4	1/8	45080	925093	70mm	76mm	3mm
81270	308626	1-7/16	1-5/8	3/32	82440	326849	4-1/4	4-1/2	1/8	81180	3852565	7/8	1-1/6	3/32
82280	308627	2-1/4	2-1/2	1/8	45230	326956	31/128	73/128	21/128					
81400	308876	2-1/4	2-7/16	3/32	81140	329380	5/8	13/16	3/32					
<b>Table By Nominal Size</b>														
80080	321117	3/16	5/16	1/16	81170	301967	13/16	1	3/32	82170	302493	1-3/16	1-7/16	1/8
80090	307853	7/32	11/32	1/16	81180	3852565	7/8	1-1/16	3/32	82230	305270	1-5/8	1-7/8	1/8
80090	322598	7/32	11/32	1/16	81190	308624	15/16	1-1/8	3/32	82240	302588	1-3/4	2	1/8
80100	305739	1/4	3/8	1/16	81210	911718	1-1/16	1-1/4	3/32	82250	310327	1-7/8	2-1/8	1/8
80100	317178	1/4	3/8	1/16	81220	554545	1-1/8	1-5/16	3/32	82250	910582	1-7/8	2-1/8	1/8
80100	332583	1/4	3/8	1/16	81230	309731	1-3/16	1-3/8	3/32	82260	302337	2	2-1/4	1/8
80100	332584	1/4	3/8	1/16	81230	911871	1-3/16	1-3/8	3/32	82280	308627	2-1/4	2-1/2	1/8
80100	911311	1/4	3/8	1/16	81250	322501	1-5/16	1-1/2	3/32	83210	307082	2-5/8	2-7/8	1/8
80110	303191	5/16	7/16	1/16	81260	302537	1-3/8	1-9/16	3/32	82320	320303	2-3/4	3	1/8
80120	202893	3/8	1/2	1/16	81270	308626	1-7/16	1-5/8	3/32	82350	308621	3-1/8	3-3/8	1/8
80130	307450	7/16	9/16	1/16	81280	909316	1-1/2	1-11/16	3/32	82360	553126	3-1/4	3-1/2	1/8
80140	304174	1/2	5/8	1/16	81290	308458	1-9/16	1-3/4	3/32	82370	313446	3-3/8	3-5/8	1/8
80180	311338	3/4	7/8	1/16	81300	338522	1-5/8	1-13/16	3/32	82380	911686	3-1/2	3-3/4	1/8
80220	314491	1	1-1/8	1/16	81310	313340	1-11/16	1-7/8	3/32	82390	310414	3-5/8	3-7/8	1/8
80230	909140	1-1/16	1-3/16	1/16	81330	319662	1-13/16	2	3/32	82400	305123	3-3/4	4	1/8
41120	909048	1/2	11/16	3/32	81340	313754	1-7/8	2-1/16	3/32	82430	911700	4-1/8	4-3/8	1/8
80170	301824	7/32	13/32	3/32	81380	314728	2-1/8	2-5/16	3/32	82440	326849	4-1/4	4-1/2	1/8
81080	333572	1/4	7/16	3/32	81400	308876	2-1/4	2-7/16	3/32	82460	326741	4-1/2	4-3/4	1/8
81090	909747	5/16	1/2	3/32	81440	908383	2-1/2	2-11/16	3/32	82480	313175	4-3/4	5	1/8
81100	303067	3/8	9/16	3/32	81450	338518	2-9/16	2-3/4	3/32	82520	910238	5-1/4	5-1/2	1/8
81100	329381	3/8	9/16	3/32	81550	908194	4	4-3/16	3/32	45230	301877	31/128	73/128	21/128
81110	303347	7/16	5/8	3/32	42140	909139	1	1-1/4	1/8	45230	326956	31/128	73/128	21/128
81120	339543	1/2	11/16	3/32	82030	305242	5/16	9/16	1/8	83200	319085	1-1/8	1-1/2	3/16
81140	326649	5/8	13/16	3/32	82080	305146	5/8	7/8	1/8	83250	318717	1-1/2	1-7/8	3/16
81140	329380	5/8	13/16	3/32	82100	310584	3/4	1	1/8	45080	925093	70mm	76mm	3mm
81140	909047	5/8	13/16	3/32	82130	320140	15/16	1-3/16	1/8	45200	318372	8mm	16mm	4mm
81160	310585	3/4	15/16	3/32	82140	302540	1	1-1/4	1/8					
81160	310967	3/4	15/16	3/32	82150	303360	1-1/16	1-5/16	1/8					

# Johnson / Evinrude

## OIL SEALS SHAFT & BORE SIZE

GLM	OEM	Shaft Size	Bore Size	GLM	OEM	Shaft Size	Bore Size
<b>Table By OEM Numbers</b>							
<b>86530</b>	302564	0.7813	1.3750	<b>86200</b>	321928	0.6250	1.3750
<b>86360</b>	303345	0.5625	1.0000	<b>86510</b>	324639	0.4375	0.9375
<b>86380</b>	305987	1.0000	1.3750	<b>86750</b>	326716	0.7500	1.3750
<b>86370</b>	309989	1.3750	2.0000	<b>86450</b>	327031	0.4375	0.8750
<b>85110</b>	310599	1.0000	1.5000	<b>86240</b>	329922	0.8750	1.3750
<b>86040</b>	310649	2.5000	3.0000	<b>86250</b>	329923	0.8750	1.3750
<b>86390</b>	313282	0.5540	1.0625	<b>86030</b>	330137	1.1250	1.6250
<b>86740</b>	313283	0.8125	1.3125	<b>86270</b>	330327	0.6250	1.1250
<b>86410</b>	313284	0.6250	1.1250	<b>86790</b>	331103	1.1250	1.6250
<b>86050</b>	313353	1.9375	2.4375	<b>86460</b>	332205	0.7500	1.1250
<b>85010</b>	313392	1.1875	1.8750	<b>86520</b>	332261	0.6250	1.3750
<b>86012</b>	314281	1.2500	1.6875	<b>86470</b>	332942	1.6250	2.0625
<b>86400</b>	314167	0.4219	0.9375	<b>86810</b>	334950	1.2500	1.6875
<b>86120</b>	318972	0.5000	0.8750	<b>86440</b>	339620	1.6250	2.1250
<b>85130</b>	320862	1.1875	1.6875	<b>86011</b>	341280	0.8750	1.3750
<b>85120</b>	321453	0.8750	1.2500	<b>86013</b>	342786	0.7500	1.1875
<b>86150</b>	321459	0.6250	1.1250	<b>86590</b>	908855	0.6250	1.0000
<b>86160</b>	321466	0.7500	1.1250	<b>86070</b>	911019	1.0000	2.5000
<b>86060</b>	321467	1.0000	1.3750	<b>86530</b>	911685	2.0000	2.5000
<b>86170</b>	321480	0.5000	1.2500	<b>86550</b>	911788	1.0000	1.3750
<b>86180</b>	321481	0.6875	1.2500	<b>86560</b>	911785	1.3750	2.1875
<b>86420</b>	321786	0.6250	1.1250	<b>86010</b>	981195	1.5000	2.1250
<b>86190</b>	321787	0.6250	1.1250	<b>86080</b>	981196	1.7500	2.5000
<b>86430</b>	321788	0.5000	1.0000	<b>86090</b>	981268	1.6250	2.5000
<b>86760</b>	321831	0.7500	1.2500	<b>86560</b>	3852548	1.3750	2.1875
<b>86770</b>	321895	1.6250	1.9219	<b>86610</b>	3853655	0.5000	0.9062
<b>Table By Shaft Size</b>							
<b>86400</b>	314167	0.4219	0.9375	<b>86011</b>	341280	0.8750	1.3750
<b>86450</b>	327031	0.4375	0.8750	<b>86240</b>	329922	0.8750	1.3750
<b>86510</b>	324639	0.4375	0.9375	<b>86250</b>	329923	0.8750	1.3750
<b>86120</b>	318972	0.5000	0.8750	<b>85110</b>	310599	1.0000	1.5000
<b>86170</b>	321480	0.5000	1.2500	<b>86060</b>	321467	1.0000	1.3750
<b>86430</b>	321788	0.5000	1.0000	<b>86070</b>	911019	1.0000	2.5000
<b>86610</b>	3853655	0.5000	0.9062	<b>86380</b>	305987	1.0000	1.3750
<b>86390</b>	313282	0.5540	1.0625	<b>86550</b>	911788	1.0000	1.3750
<b>86360</b>	303345	0.5625	1.0000	<b>86030</b>	330137	1.1250	1.6250
<b>86410</b>	313284	0.6250	1.1250	<b>86790</b>	331103	1.1250	1.6250
<b>86150</b>	321459	0.6250	1.1250	<b>85010</b>	313392	1.1875	1.8750
<b>86190</b>	321787	0.6250	1.1250	<b>85130</b>	320862	1.1875	1.6875
<b>86200</b>	321928	0.6250	1.3750	<b>86012</b>	314281	1.2500	1.6875
<b>86270</b>	330327	0.6250	1.1250	<b>86810</b>	334950	1.2500	1.6875
<b>86420</b>	321786	0.6250	1.1250	<b>86370</b>	309989	1.3750	2.0000
<b>86520</b>	332261	0.6250	1.3750	<b>86560</b>	911785	1.3750	2.1875
<b>86590</b>	908855	0.6250	1.0000	<b>86560</b>	3852548	1.3750	2.1875
<b>86180</b>	321481	0.6875	1.2500	<b>86010</b>	981195	1.5000	2.1250
<b>86160</b>	321466	0.7500	1.1250	<b>86090</b>	981268	1.6250	2.5000
<b>86460</b>	332205	0.7500	1.1250	<b>86440</b>	339620	1.6250	2.1250
<b>86013</b>	342786	0.7500	1.1875	<b>86470</b>	332942	1.6250	2.0625
<b>86750</b>	326716	0.7500	1.3750	<b>86770</b>	321895	1.6250	1.9219
<b>86760</b>	321831	0.7500	1.2500	<b>86080</b>	981196	1.7500	2.5000
<b>86530</b>	302564	0.7813	1.3750	<b>86050</b>	313353	1.9375	2.4375
<b>86740</b>	313283	0.8125	1.3125	<b>86530</b>	911685	2.0000	2.5000
<b>85120</b>	321453	0.8750	1.2500	<b>86040</b>	310649	2.5000	3.0000





# Johnson / Evinrude

## O-RING SIZE CHART

GLM	OEM	I.D.	O.D.	W.	GLM	OEM	I.D.	O.D.	W.	GLM	OEM	I.D.	O.D.	W.
<b>Table By OEM Numbers</b>														
80120	202893	3/8	1/2	1/16	81230	309731	1 3/16	1 3/8	3/32	81140	329380	5/8	13/16	3/32
81070	301824	7/32	13/32	3/32	82250	310327	1 7/8	2 1/8	1/8	81100	329381	3/8	9/16	3/32
45230	301877	31/128	73/128	21/128	82390	310414	3 5/8	3 7/8	1/8	80100	332583	1/4	3/8	1/16
81170	301967	13/16	1	3/32	82100	310584	3/4	1	1/8	80100	332584	1/4	3/8	1/16
82260	302337	2	2 1/4	1/8	81160	310585	3/4	15/16	3/32	81080	333572	1/4	7/16	3/32
82170	302493	1 3/16	1 7/16	1/8	81160	310967	3/4	15/16	3/32	81540	335523	3 3/4	3 15/16	3/32
81260	302537	1 3/8	1 9/16	3/32	80180	311338	3/4	7/8	1/16	81450	338518	2 9/16	2 3/4	3/32
82140	302540	1	1 1/4	1/8	82480	313175	4 3/4	5	1/8	81300	338522	1 5/8	1 13/16	3/32
82240	302588	1 3/4	2	1/8	81310	313340	1 11/16	1 7/8	3/32	81120	339543	1/2	11/16	3/32
81100	303067	3/8	9/16	3/32	82370	313446	3 3/8	3 5/8	1/8	82360	553126	3 1/4	3 1/2	1/8
80110	303191	5/16	7/16	1/16	81340	313754	1 7/8	2 1/16	3/32	81220	554545	1 1/8	1 5/16	3/32
81110	303347	7/16	5/8	3/32	80220	314491	1	1 1/8	1/16	81550	908194	4	4 3/16	3/32
82150	303360	1 1/16	1 5/16	1/8	81380	314728	2 1/8	2 5/16	3/32	81440	908383	2 1/2	2 11/16	3/32
80140	304174	1/2	5/8	1/16	80100	317178	1/4	3/8	1/16	81140	909047	5/8	13/16	3/32
82400	305123	3 3/4	4	1/8	45200	318372	8 mm	16 mm	4 mm	41120	909048	1/2	11/16	3/32
82080	305146	5/8	7/8	1/8	83250	318717	1 1/2	1 7/8	3/16	42140	909139	1	1 1/4	1/8
82030	305242	5/16	9/16	1/8	83200	319085	1 1/8	1 1/2	3/16	80230	909140	1 1/16	1 3/16	1/16
82230	305270	1 5/8	1 7/8	1/8	81320	319662	1 3/4	1 15/16	3/32	81280	909316	1 1/2	1 11/16	3/32
80100	305739	1/4	3/8	1/16	82130	320140	15/16	1 3/16	1/8	81090	909747	5/16	1/2	3/32
82310	307082	2 5/8	2 7/8	1/8	82320	320303	2 3/4	3	1/8	82520	910238	5 1/4	5 1/2	1/8
80130	307450	7/16	9/16	1/16	80080	321117	3/16	5/16	1/16	82250	910582	1 7/8	2 1/8	1/8
80090	307853	7/32	11/32	1/16	81250	322501	1 5/16	1 1/2	3/32	80100	911311	1/4	3/8	1/16
82350	308621	3 1/8	3 3/8	1/8	80090	322598	7/32	11/32	1/16	82380	911686	3 1/2	3 3/4	1/8
81290	308458	1 9/16	1 3/4	3/32	81140	326649	5/8	13/16	3/32	82430	911700	4 1/8	4 3/8	1/8
81190	308624	15/16	1 1/8	3/32	82460	326741	4 1/2	4 3/4	1/8	81210	911718	1 1/16	1 1/4	3/32
81270	308626	1 7/16	1 5/8	3/32	82440	326849	4 1/4	4 1/2	1/8	81230	911871	1 3/16	1 3/8	3/32
82280	308627	2 1/4	2 1/2	1/8	45230	326956	31/128	73/128	21/128	81180	3852565	7/8	1 1/16	3/32
81400	308876	2 1/4	2 7/16	3/32	81250	331188	1 5/16	1 1/2	3/32					
<b>Table By Nominal Size</b>														
80080	321117	3/16	5/16	1/16	81170	301967	13/16	1	3/32	82140	302540	1	1 1/4	1/8
80090	307853	7/32	11/32	1/16	81180	3852565	7/8	1 1/16	3/32	82150	303360	1 1/16	1 5/16	1/8
80090	322598	7/32	11/32	1/16	81190	308624	15/16	1 1/8	3/32	82170	302493	1 3/16	1 7/16	1/8
80100	305739	1/4	3/8	1/16	81210	911718	1 1/16	1 1/4	3/32	82230	305270	1 5/8	1 7/8	1/8
80100	317178	1/4	3/8	1/16	81220	554545	1 1/8	1 5/16	3/32	82240	302588	1 3/4	2	1/8
80100	332583	1/4	3/8	1/16	81230	309731	1 3/16	1 3/8	3/32	82250	310327	1 7/8	2 1/8	1/8
80100	332584	1/4	3/8	1/16	81230	911871	1 3/16	1 3/8	3/32	82250	910582	1 7/8	2 1/8	1/8
80100	911311	1/4	3/8	1/16	81250	322501	1 5/16	1 1/2	3/32	82260	302337	2	2 1/4	1/8
80110	303191	5/16	7/16	1/16	81260	302537	1 3/8	1 9/16	3/32	82280	308627	2 1/4	2 1/2	1/8
80120	202893	3/8	1/2	1/16	81270	308626	1 7/16	1 5/8	3/32	82310	307082	2 5/8	2 7/8	1/8
80130	307450	7/16	9/16	1/16	81280	909316	1 1/2	1 11/16	3/32	82320	320303	2 3/4	3	1/8
80140	304174	1/2	5/8	1/16	81290	308458	1 9/16	1 3/4	3/32	82350	308621	3 1/8	3 3/8	1/8
80180	311338	3/4	7/8	1/16	81300	338522	1 5/8	1 13/16	3/32	82360	553126	3 1/4	3 1/2	1/8
80220	314491	1	1 1/8	1/16	81310	313340	1 11/16	1 7/8	3/32	82370	313446	3 3/8	3 5/8	1/8
80230	909140	1 1/16	1 3/16	1/16	81320	319662	1 3/4	1 15/16	3/32	82380	911686	3 1/2	3 3/4	1/8
41120	909048	1/2	11/16	3/32	81340	313754	1 7/8	2 1/16	3/32	82390	310414	3 5/8	3 7/8	1/8
81070	301824	7/32	13/32	3/32	81380	314728	2 1/8	2 5/16	3/32	82400	305123	3 3/4	4	1/8
81080	333572	1/4	7/16	3/32	81400	308876	2 1/4	2 7/16	3/32	82430	911700	4 1/8	4 3/8	1/8
81090	909747	5/16	1/2	3/32	81440	908383	2 1/2	2 11/16	3/32	82440	326849	4 1/4	4 1/2	1/8
81100	303067	3/8	9/16	3/32	81450	338518	2 9/16	2 3/4	3/32	82460	326741	4 1/2	4 3/4	1/8
81100	329381	3/8	9/16	3/32	81540	335523	3 3/4	3 15/16	3/32	82480	313175	4 3/4	5	1/8
81110	303347	7/16	5/8	3/32	81550	908194	4	4 3/16	3/32	82520	910238	5 1/4	5 1/2	1/8
81120	339543	1/2	11/16	3/32	42140	909139	1	1 1/4	1/8	45230	301877	31/128	73/128	21/128
81140	326649	5/8	13/16	3/32	82030	305242	5/16	9/16	1/8	45230	326956	31/128	73/128	21/128
81140	329380	5/8	13/16	3/32	82080	305146	5/8	7/8	1/8	83200	319085	1 1/8	1 1/2	3/16
81140	909047	5/8	13/16	3/32	82100	310584	3/4	1	1/8	83250	318717	1 1/2	1 7/8	3/16
81160	310585	3/4	15/16	3/32	82130	320140	15/16	1 3/16	1/8	45200	318372	8 mm	16 mm	4 mm
81160	310967	3/4	15/16	3/32	81250	331188	1 5/16	1 1/2	3/32					

\* Quad Ring

# Yamaha

## OIL SEALS SHAFT & BORE SIZE

GLM	OEM	Shaft Size	Bore Size
<b>Table By OEM Numbers</b>			
85658	93101-13M27	13mm	25mm
85660	93101-17054	-	-
85231	93101-20M07	20mm	34mm
85225	93101-22067	22mm	36mm
85227	93101-22M60	22mm	35.5mm
85228	93101-23070	23mm	37mm
85229	93101-25M03	25mm	40mm
85224	93101-25M57	23mm	35.5
85222	93101-28M16	28mm	43mm
85221	93101-30M17	30mm	45mm
85232	93102-20484	20mm	30mm
85223	93106-09014	9mm	19mm
85226	93110-16004	16mm	30mm
<b>Table By Shaft Size</b>			
85223	93106-09014	9mm	19mm
85658	93101-13M27	13mm	25mm
85226	93110-16004	16mm	30mm
85232	93102-20484	20mm	30mm
85231	93101-20M07	20mm	34mm
85227	93101-22M60	22mm	35.5mm
85225	93101-22067	22mm	36mm
85224	93101-25M57	23mm	35.5
85228	93101-23070	23mm	37mm
85229	93101-25M03	25mm	40mm
85222	93101-28M16	28mm	43mm
85221	93101-30M17	30mm	45mm
85660	93101-17054	-	-