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Piston Ring - Garrett

T2 "stepped gap" design

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6200	0.6300	0.0620	0.0630	0.0050	0.0100
Millimeters	15.75	16.00	1.57	1.60	0.13	0.25

O/D	Width	TI part no	Rotomaster part no.
-----	-------	------------	---------------------

STD | STD | 8-A-2523 | 102032

T2 "ball bearing" design

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.5265	0.5365	0.0620	0.0630	0.0030	0.0080
Millimeters	13.37	13.63	1.57	1.60	0.08	0.20

O/D	Width	TI part no	OEM part no.	Rotomaster part no.
-----	-------	------------	--------------	---------------------

STD | STD | 8-A-3069 | 400749-0010 | 102033

*Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material*



Piston Ring - Garrett

TAO3	TBP4	TA31	TA34	TA35	TA38
TBO3	TO4	TB31	TB34		
TCO3	TO4B step & smooth bore				
TDO3	TO4E				
	TW4B				
	TW4C	TB41	TC43	TC44	T300
	TW4E	TW41			

Turbine End - step bore

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.7050	0.7150	0.0615	0.0625	0.0080	0.0150
Millimeters	17.91	18.16	1.56	1.59	0.20	0.38

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Holset part no.	Schwitzer part no.
STD	STD	8-A-1555	408049-0009	104034	3524771	186841
STD	STD	8-A-1555	403818-0034	104034	3524771	186841
STD	0.010	8-A-1460			3525403	
STD	0.020	8-A-1127				
0.010	STD	8-A-0017			3525404	
0.010	0.010	8-A-1494			3545343	
0.010	0.020	8-A-1612				

Turbine End - smooth bore

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6950	0.7050	0.0620	0.0625	0.0080	0.0150
Millimeters	17.65	17.91	1.57	1.59	0.20	0.38

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Holset part no.
STD	STD	8-A-0832	403818-0010	104032	3526290
0.010	STD	8-A-1613			
0.010	0.010	8-A-1614			
0.010	0.020	8-A-1615			

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.4950	0.5050	0.0620	0.0630	0.0030	0.0080
Millimeters	12.57	12.83	1.57	1.60	0.08	0.20

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Holset part no.	Schwitzer part no.
STD	STD	8-A-1554	403818-0009	104033	3524772	186842
STD	0.010	8-A-3075		104633		
STD	0.020	8-A-3077		104833		
0.010	STD	8-A-0016		104533	3525402	
0.010	0.010	8-A-3076		104733		
0.010	0.020	8-A-3078		104933		

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Garrett

T3 "stepped gap" design

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.7050	0.7150	0.0615	0.0625	0.0080	0.0150
Millimeters	17.91	18.16	1.56	1.59	0.20	0.38

O/D	Width	TI part no	Rotomaster part no.
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STD | STD 8-A-2524 103032

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Garrett

TO4N

TO4S

Turbine End

Standard dimensions		O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches		0.7050	0.7150	0.0615	0.0625	0.0080	0.0150
Millimeters		17.91	18.16	1.56	1.59	0.20	0.38

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Holset part no.	Schwitzer part no.
STD	STD	8-A-1555	408049-0009	104034	3524771	186841
STD	STD	8-A-1555	403818-0034	104034	3524771	186841
STD	0.010	8-A-1460				
STD	0.020	8-A-1127				
0.010	STD	8-A-0017				
0.010	0.010	8-A-1494				
0.010	0.020	8-A-1612				

Compressor End

Standard dimensions		O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches		0.5856	0.5956	0.0620	0.0630	0.0030	0.0080
Millimeters		14.87	15.13	1.57	1.60	0.08	0.20

O/D	Width	TI part no	OEM part no.	Rotomaster part no.
STD	STD	8-A-1566	403818-0041	104031
0.010	STD	8-A-3335		

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Garrett

TO5B step & smooth bore

T12 step & smooth bore

TEO6 step & smooth bore

T60

THO8A step & smooth bore

Turbine End - step bore

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.8180	0.8280	0.0635	0.0640	0.0040	0.0110
Millimeters	20.78	21.03	1.61	1.63	0.10	0.28

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Holset part no.	Schwitzer part no.
STD	STD	8-A-1616	408049-0004	160032	3526288	311862
STD	0.010	8-A-1720		160632		
STD	0.020	8-H-1169		160832	3545153	
0.010	STD	8-H-0807		160532	3545155	
0.010	0.010	8-A-1721		160732		
0.010	0.020	8-H-0926		160932	3545154	

Turbine End - smooth bore

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.8075	0.8175	0.0620	0.0625	0.0080	0.0150
Millimeters	20.51	20.76	1.57	1.59	0.20	0.38

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Holset part no.	Schwitzer part no.
STD	STD	8-A-0184	403818-0015	112033	3545164	311882
0.010	STD	8-A-1622		160032		
0.010	0.010	8-A-1623		160632		
0.010	0.020	8-A-1624		160832		

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6825	0.6925	0.0665	0.0675	0.0030	0.0080
Millimeters	17.34	17.59	1.69	1.71	0.08	0.20

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Holset part no.	Schwitzer part no.
STD	STD	8-A-2141	403818-0047	118033	3526287	311883
STD	0.010	8-A-3109		118633		
STD	0.020	8-A-3080		118833		
0.010	STD	8-A-0033		118533		
0.010	0.010	8-A-3110		118733		
0.010	0.020	8-A-3081		118933		
0.020	STD	8-A-2219				

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Garrett

TO6 TO7 T11

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6950	0.7050	0.0620	0.0625	0.0080	0.0150
Millimeters	17.65	17.91	1.57	1.59	0.20	0.38

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Holset part no.
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STD	STD	8-A-0832	403818-0010	104032	3526290
0.010	STD	8-A-1613			
0.010	0.010	8-A-1614			
0.010	0.020	8-A-1615			

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6825	0.6925	0.0665	0.0675	0.0030	0.0080
Millimeters	17.34	17.59	1.69	1.71	0.08	0.20

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Holset part no.	Schwitzer part no.
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STD	STD	8-A-2141	403818-0047	118033	3526287	311883
STD	0.010	8-A-3109		118633		
STD	0.020	8-A-3080		118833		
0.010	STD	8-A-0033		118533		
0.010	0.010	8-A-3110		118733		
0.010	0.020	8-A-3081		118933		
0.020	STD	8-A-2219				

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Garrett

GT12

Turbine & Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.4830	0.4930	0.0460	0.0470	0.0010	0.0040
Millimeters	12.27	12.52	1.17	1.19	0.03	0.10

O/D	Width	TI part no.	OEM part no.
STD	STD	8-A-2947	n/a
0.010	STD	8-A-3889	n/a

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Garrett

T14

T24

T30

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	1.1195	1.1245	0.0925	0.0935	0.0020	0.0080
Millimeters	28.44	28.56	2.35	2.37	0.05	0.20

O/D	Width	TI part no	OEM part no.	Rotomaster part no.
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STD	STD	8-H-1202	403671-0000	114033
0.010	STD	8-H-1174		114533

*Note: The seal design on this model of turbos does not require turbine end piston rings.
O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material*



Piston Ring - Garrett

GT15 GT17 GT18V GT20 GT22 GT23V GT25
 GT15P GT17V GT20V GT22V GT25V
 GT15V

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6200	0.6300	0.0620	0.0630	0.0050	0.0100
Millimeters	15.75	16.00	1.57	1.60	0.13	0.25

O/D	Width	TI part no	OEM part no.	Holset part no.
-----	-------	------------	--------------	-----------------

STD	STD	8-A-1560	400749-0006	3545928
STD	0.010	8-A-1423		
STD	0.020	8-A-1424		
0.010	STD	8-A-0827		
0.010	0.010	8-A-1493		
0.010	0.020	8-A-1611		

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.3630	0.3730	0.0290	0.0300	0.0010	0.0050
Millimeters	9.22	9.47	0.74	0.76	0.03	0.13

O/D	Width	TI part no	OEM part no.
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STD	STD	8-A-2190	445421-0003
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Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.3888	0.3987	0.0540	0.0550	0.0010	0.0050
Millimeters	9.87	10.13	1.37	1.40	0.03	0.13

O/D	Width	TI part no	OEM part no.
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STD	STD	8-A-2191	700590-0001
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Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Garrett

T18 step & smooth bore T18A T19A
 T18C
 TL18A

Turbine End - step bore

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	1.0250	1.0350	0.0610	0.0625	0.0080	0.0150
Millimeters	26.04	26.29	1.55	1.59	0.20	0.38

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Holset part no.
STD	STD	8-A-0187	403818-0031	118034	3526291
STD	0.010	8-H-1359		118634	
STD	0.020	8-H-1360		118834	
0.010	STD	8-H-1161		118534	
0.010	0.010	8-A-1627		118734	
0.010	0.020	8-H-1374		118934	

Turbine End - smooth bore

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	1.0150	1.0250	0.0620	0.0625	0.0080	0.0150
Millimeters	25.78	26.04	1.57	1.59	0.20	0.38

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Holset part no.
STD	STD	8-A-1913	403818-0016	118032	
STD	STD	8-A-1913	403818-0018		3545158
0.010	STD	8-A-1628		118034	
0.010	0.010	8-A-1629			
0.010	0.020	8-A-1630			

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6825	0.6925	0.0665	0.0675	0.0030	0.0080
Millimeters	17.34	17.59	1.69	1.71	0.08	0.20

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Holset part no.	Schwitzer part no.
STD	STD	8-A-2141	403818-0047	118033	3526287	311883
STD	0.010	8-A-3109		118633		
STD	0.020	8-A-3080		118833		
0.010	STD	8-A-0033		118533		
0.010	0.010	8-A-3110		118733		
0.010	0.020	8-A-3081		118933		
0.020	STD	8-A-2219				

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Garrett

GT30

GT32

GT35

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.7050	0.7150	0.0620	0.0625	0.0070	0.0110
Millimeters	17.91	18.16	1.57	1.59	0.18	0.28

O/D	Width	TI part no.	OEM part no.	Rotomaster part no.
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STD | STD | 8-A-1559 | 408049-0013 | 103034

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.4950	0.5050	0.0620	0.0630	0.0030	0.0080
Millimeters	12.57	12.83	1.57	1.60	0.08	0.20

O/D	Width	TI part no.	OEM part no.	Rotomaster part no.	Holset part no.	Schwitzer part no.
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STD	STD	8-A-1554	403818-0009	104033	3524772	186842
STD	0.010	8-A-3075		104633		
STD	0.020	8-A-3077		104833		
0.010	STD	8-A-0016		104533	3525402	
0.010	0.010	8-A-3076		104733		
0.010	0.020	8-A-3078		104933		

Compressor End *Note: GT3576 application*

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.5570	0.5670	0.0620	0.0625	0.0030	0.0080
Millimeters	14.15	14.40	1.57	1.59	0.08	0.20

O/D	Width	TI part no.	OEM part no.	Rotomaster part no.
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STD | STD | 8-A-2050 | 403818-0046 | 140033
 0.010 | STD | 8-A-2341

Compressor End *Note: GT3271 application*

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.4950	0.5050	0.0620	0.0630	0.0030	0.0080
Millimeters	12.57	12.83	1.57	1.60	0.08	0.20

O/D	Width	TI part no.	OEM part no.	Rotomaster part no.	Holset part no.
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STD	STD	8-A-2827	403818-0048		
STD	0.010	8-A-3075		104633	
STD	0.020	8-A-3077		104833	
0.010	STD	8-A-0016		104533	3525402
0.010	0.010	8-A-3076		104733	
0.010	0.020	8-A-3078		104933	

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Garrett

GT37

GT40

GTA40

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.8180	0.8280	0.0620	0.0625	0.0070	0.0110
Millimeters	20.78	21.03	1.57	1.59	0.18	0.28

O/D	Width	TI part no	OEM part no.
STD	STD	8-A-2051	408049-0023
0.010	STD	8-A-2342	

Compressor End

Note: GT37 & GT40 application

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.5570	0.5670	0.0620	0.0625	0.0030	0.0080
Millimeters	14.15	14.40	1.57	1.59	0.08	0.20

O/D	Width	TI part no	OEM part no.
STD	STD	8-A-2050	403818-0046
0.010	STD	8-A-2341	

Compressor End

Note: GTA40 application

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6950	0.7050	0.0620	0.0625	0.0080	0.0150
Millimeters	17.65	17.91	1.57	1.59	0.20	0.38

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Holset part no.
STD	STD	8-A-0832	403818-0010	104032	3526290
0.010	STD	8-A-1613			
0.010	0.010	8-A-1614			
0.010	0.020	8-A-1615			

*Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material*



Piston Ring - Garrett

GTP38

TP38

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.7050	0.7150	0.0615	0.0625	0.0080	0.0150
Millimeters	17.91	18.16	1.56	1.59	0.20	0.38

O/D	Width	TI part no.	OEM part no.	Rotomaster part no.	Holset part no.	Schwitzer part no.
STD	STD	8-A-1555	408049-0009		3524771	186841
STD	STD	8-A-1555	403818-0034	104034	3524771	186841
STD	0.010	8-A-1423				
STD	0.020	8-A-1127				
0.010	STD	8-A-0017				
0.010	0.010	8-A-1494				
0.010	0.020	8-A-1612				

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.4950	0.5050	0.0620	0.0630	0.0030	0.0080
Millimeters	12.57	12.83	1.57	1.60	0.08	0.20

O/D	Width	TI part no.	OEM part no.	Rotomaster part no.	Holset part no.	Schwitzer part no.
STD	STD	8-A-1554	403818-0009	104033	3524772	186842
STD	0.010	8-A-3075		104633		
STD	0.020	8-A-3077		104833		
0.010	STD	8-A-0016		104533	3525402	
0.010	0.010	8-A-3076		104733		
0.010	0.020	8-A-3078		104933		

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Garrett

GT42

GTA42

GT45

Turbine End

Note: GT42 & GT45 applications. Thickness 0.040-0.046"/1.02-1.17mm

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.8180	0.8280	0.0620	0.0625	0.0070	0.0110
Millimeters	20.78	21.03	1.57	1.59	0.18	0.28

O/D	Width	TI part no	OEM part no.
STD	STD	8-A-2051	408049-0023
0.010	STD	8-A-2342	

Turbine End

Note: GTA42 application. Thickness 0.048-0.054"/1.22-1.37mm

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.8180	0.8280	0.0620	0.0625	0.0070	0.0110
Millimeters	20.78	21.03	1.57	1.59	0.18	0.28

O/D	Width	TI part no	OEM part no.
STD	STD	8-A-2494	408049-0021

Compressor End

Note: GT42 & GT45 application

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6825	0.6925	0.0665	0.0675	0.0030	0.0080
Millimeters	17.34	17.59	1.69	1.71	0.08	0.20

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Holset part no.	Schwitzer part no.
STD	STD	8-A-2141	403818-0047	118033	3526287	311883
STD	0.010	8-A-3109		118633		
STD	0.020	8-A-3080		118833		
0.010	STD	8-A-0033		118533		
0.010	0.010	8-A-3110		118733		
0.010	0.020	8-A-3081		118933		
0.020	STD	8-A-2219				

Compressor End

Note: GTA42 application

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6950	0.7050	0.0620	0.0625	0.0080	0.0150
Millimeters	17.65	17.91	1.57	1.59	0.20	0.38

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Holset part no.
STD	STD	8-A-0832	403818-0010	104032	3526290
0.010	STD	8-A-1613			
0.010	0.010	8-A-1614			
0.010	0.020	8-A-1615			

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Garrett

CTV45	TA48	TA51	TM54	TMF55	TV58
GT45	TBP48	TM51			
TA45	TV48	TMF51			
TB45		TV51			
TBP45		TW51			
TD45					
TV45					
BGTV75	TBP75	TV78	TV83	TV85	
BTL75	TV75			BTV85	
BTV75					

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.8180	0.8280	0.0635	0.0640	0.0040	0.0110
Millimeters	20.78	21.03	1.61	1.63	0.10	0.28

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Holset part no.	Schwitzer part no.
STD	STD	8-A-1616	408049-0004		3526288	311862
STD	STD	8-A-1616	403818-0030	160032	3526288	311862
STD	0.010	8-A-1720		160632		
STD	0.020	8-H-1169		160832	3545153	
0.010	STD	8-H-0807		160532	3545155	
0.010	0.010	8-A-1721		160732		
0.010	0.020	8-H-0926		160932	3545154	

Turbine End

Note: GT45 application. Thickness 0.048-0.054"/1.22-1.37mm

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.8180	0.8280	0.0620	0.0625	0.0070	0.0110
Millimeters	20.78	21.03	1.57	1.59	0.18	0.28

O/D	Width	TI part no	OEM part no.
STD	STD	8-A-2494	408049-0021

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6825	0.6925	0.0665	0.0675	0.0030	0.0080
Millimeters	17.34	17.59	1.69	1.71	0.08	0.20

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Holset part no.	Schwitzer part no.
STD	STD	8-A-2141	403818-0047	118033	3526287	311883
STD	0.010	8-A-3109		118633		
STD	0.020	8-A-3080		118833		
0.010	STD	8-A-0033		118533		
0.010	0.010	8-A-3110		118733		
0.010	0.020	8-A-3081		118933		
0.020	STD	8-A-2219				

*Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material*



Piston Ring - Garrett

GT50
GTA50

BTG55
BTL55
BTV55
GTA55

BGTV75
BTG75
BTL75
BTV75
UTV75

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	1.0250	1.0350	0.0630	0.0635	0.0040	0.0110
Millimeters	26.04	26.29	1.60	1.61	0.10	0.28

O/D	Width	TI part no.	OEM part no.	Rotomaster part no.
STD	STD	8-A-1914	408049-0008	118034
STD	0.010	8-H-1359		118634
STD	0.020	8-H-1360		118834
0.010	STD	8-H-1161		118534
0.010	0.010	8-A-1627		118734
0.010	0.020	8-H-1374		118934

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.9150	0.9250	0.0632	0.0638	0.0040	0.0110
Millimeters	23.24	23.50	1.61	1.62	0.10	0.28

O/D	Width	TI part no.	OEM part no.
STD	STD	8-A-2261	408049-0025
STD	0.020	8-A-3080	
0.010	STD	8-A-2496	
0.010	0.020	8-A-3081	

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Garrett

GT60

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
	1.2450	1.2550	0.0925	0.0930	0.0410	0.0510
Millimeters	31.62	31.88	2.35	2.36	1.04	1.30

O/D	Width	TI part no	OEM part no.
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STD | STD | 8-A-2434 | 408049-0026

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	1.0570	1.0670	0.0920	0.0930	0.0010	0.0060
Millimeters	26.85	27.10	2.34	2.36	0.03	0.15

O/D	Width	TI part no	OEM part no.
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STD | STD | 8-A-2537 | 408049-0028

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Garrett

TV60	TL61 TM61 TV61 TW61	TV63 TW63	TV65	TV70	TL71 TV71	TV72 TW72	TV73 TW73
TA74 TV74	TA75 TBP75 TV75 TW75	TL77 TV77	TL78 TV78 TW78	TL81 TV81 TW81	TV83 TW83	TV84 TW84	TA85 TW85

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.8180	0.8280	0.0635	0.0640	0.0040	0.0110
Millimeters	20.78	21.03	1.61	1.63	0.10	0.28

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Holset part no.	Schwitzer part no.
STD	STD	8-A-1616	408049-0004	160032	3526288	311862
STD	STD	8-A-1616	403818-0030	160032	3526288	311862
STD	0.010	8-A-1720		160632		
STD	0.020	8-H-1169		160832	3545153	
0.010	STD	8-H-0807		160532	3545155	
0.010	0.010	8-A-1721		160732		
0.010	0.020	8-H-0926		160932	3545154	

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6825	0.6925	0.0665	0.0675	0.0030	0.0080
Millimeters	17.34	17.59	1.69	1.71	0.08	0.20

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Holset part no.	Schwitzer part no.
STD	STD	8-A-2141	403818-0047	118033	3526287	311883
STD	0.010	8-A-3109		118633		
STD	0.020	8-A-3080		118833		
0.010	STD	8-A-0033		118533		
0.010	0.010	8-A-3110		118733		
0.010	0.020	8-A-3081		118933		
0.020	STD	8-A-2219				

*Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material*



Piston Ring - Garrett

TV60	TL61 TM61 TV61 TW61	TV63 TW63	TV65	TV70	TL71 TV71	TV72 TW72	TV73 TW73
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TA74 TV74	TA75 TW75	TL77 TV77	TL78 TV78 TW78	TL81 TV81 TW81	TV83 TW83	TV84 TW84	TA85 TV85
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Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.8180	0.8280	0.0635	0.0640	0.0040	0.0110
Millimeters	20.78	21.03	1.61	1.63	0.10	0.28

O/D	Width	TI part no.	OEM part no.	Rotomaster part no.	Holset part no.	Schwitzer part no.
STD	STD	8-A-1616	408049-0004		3526288	311862
STD	STD	8-A-1616	403818-0030	160032	3526288	311862
STD	0.010	8-A-1720		160632		
STD	0.020	8-H-1169		160832	3545153	
0.010	STD	8-H-0807		160532	3545155	
0.010	0.010	8-A-1721		160732		
0.010	0.020	8-H-0926		160932	3545154	

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.8075	0.8175	0.0620	0.0625	0.0080	0.0150
Millimeters	20.51	20.76	1.57	1.59	0.20	0.38

O/D	Width	TI part no.	OEM part no.	Rotomaster part no.	Holset part no.	Schwitzer part no.
STD	STD	8-A-0184	403818-0015	112033	3526288	311882
0.010	STD	8-A-1622		160032	3526288	311862
0.010	0.010	8-A-1623				
0.010	0.02	8-A-1624				

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Garrett

TV75

TV78

TV83

TV85

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.8180	0.8280	0.0635	0.0640	0.0040	0.0110
Millimeters	20.78	21.03	1.61	1.63	0.10	0.28

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Holset part no.	Schwitzer part no.
STD	STD	8-A-1616	408049-0004		3526288	311862
STD	STD	8-A-1616	403818-0030	160032	3526288	311862
STD	0.010	8-A-1720		160632		
STD	0.020	8-H-1169		160832	3545153	
0.010	STD	8-H-0807		160532	3545155	
0.010	0.010	8-A-1721		160732		
0.010	0.020	8-H-0926		160932	3545154	

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.9150	0.9250	0.0632	0.0638	0.0040	0.0110
Millimeters	23.24	23.50	1.61	1.62	0.10	0.28

O/D	Width	TI part no	OEM part no.
STD	STD	8-A-2261	408049-0025
STD	0.020	8-A-3080	
0.010	STD	8-A-2496	
0.010	0.020	8-A-3081	

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Garrett

BTG75
BTV75
TBP7501

TL75
TV75
UTV7514

UTV78

UTV81

UTV83

BTL85
TV85

UTL89

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	1.0250	1.0350	0.0610	0.0625	0.0080	0.0150
Millimeters	26.04	26.29	1.55	1.59	0.20	0.38

O/D	Width	TI part no	OEM part no.	Rotomaster part no.
STD	STD	8-A-1914	408049-0008	118034
STD	0.010	8-H-1359		118634
STD	0.020	8-H-1360		188834
0.010	STD	8-H-1161		118534
0.010	0.010	8-A-1627		118734
0.010	0.020	8-H-1374		118934

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6825	0.6925	0.0665	0.0675	0.0030	0.0080
Millimeters	17.34	17.59	1.69	1.71	0.08	0.20

O/D	Width	TI part no	OEM part no.		
STD	STD	8-A-2141	403818-0047	118033	3526287 311883
STD	0.010	8-A-3109		118633	
STD	0.020	8-A-3080		118833	
0.010	STD	8-A-0033		118533	
0.010	0.010	8-A-3110		118733	
0.010	0.020	8-A-3081		118933	
0.020	STD	8-A-2219			

Compressor End

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Garrett

TL81

TL91
TV91
TW91

TL92
TV92
TW92

TV94
TW94

TV95

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	1.2450	1.2550	0.0925	0.0930	0.0040	0.0110
Millimeters	31.62	31.88	2.35	2.36	0.10	0.28

O/D	Width	TI part no.	OEM part no.
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STD	STD	8-A-0222	408049-0012
STD	0.010	8-A-1632	
STD	0.020	8-A-1634	
0.010	STD	8-A-1631	
0.010	0.010	8-A-1633	
0.010	0.020	8-A-1635	

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6820	0.6920	0.0660	0.0670	0.0030	0.0080
Millimeters	17.32	17.58	1.68	1.70	0.08	0.20

O/D	Width	TI part no.	OEM part no.	Rotomaster part no.	Holset part no.	Schwitzer part no.
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STD	STD	8-A-2141	403818-0047	118033	3526287	311883
STD	0.010	8-A-3109		118633		
STD	0.020	8-A-3080		118833		
0.010	STD	8-A-0033		118533		
0.010	0.010	8-A-3110		118733		
0.010	0.020	8-A-3081		118933		
0.020	STD	8-A-2219				

*Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material*



Piston Ring - Garrett

UTL94

UTV94

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.8900	0.9000	0.0820	0.0830	0.0020	0.0080
Millimeters	22.61	22.86	2.08	2.11	0.05	0.20

O/D	Width	TI part no	OEM part no.
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STD | STD 8-A-2435 143934-0000

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	1.2450	1.2550	0.9250	0.0930	0.0040	0.0110
Millimeters	31.62	31.88	23.50	2.36	0.10	0.28

O/D	Width	TI part no	OEM part no.
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STD | STD 8-A-2434 408049-0026

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Holset

H1A	H2A	WH1C	WH2D	HX30	HX40
H1B	H2B	WH1E		HX35W	HX40W
H1C	H2C				
H1D	H2D				
H1E	H2E				

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.7550	0.7650	0.0620	0.0630	0.0010	0.0060
Millimeters	19.18	19.43	1.57	1.60	0.03	0.15

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Schwitzer part no.
STD	STD	8-B-0395	56754	143132	186135
STD	0.010	8-B-1676			
STD	0.020	8-B-1678			
0.010	STD	8-B-1675	3524707		
0.010	0.010	8-B-1677			
0.010	0.020	8-B-1679			

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6300	0.6400	0.0620	0.0630	0.0020	0.0060
Millimeters	16.00	16.26	1.57	1.60	0.05	0.15

O/D	Width	TI part no	OEM part no.	Rotomaster part no.
STD	STD	8-B-0070	58848	143532

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Holset

H2S

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.7550	0.7650	0.0620	0.0630	0.0010	0.0060
Millimeters	19.18	n/a	n/a	n/a	n/a	n/a

O/D	Width	TI part no	OEM part no.
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STD | STD | 8-B-2862 | 3528522

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6300	0.6400	0.0620	0.0630	0.0020	0.0060
Millimeters	16.00	16.26	1.57	1.60	0.05	0.15

O/D	Width	TI part no	OEM part no.	Rotomaster part no.
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STD | STD | 8-B-0070 | 58848 | 143532

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Holset

3LD - step & smooth bore

Turbine End - step bore

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.8800	0.8900	0.0062	0.0063	0.0020	0.0090
Millimeters	22.35	22.61	0.16	0.16	0.05	0.23

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	OEM part no.	Rotomaster part no.	Schwitzer part no.
STD	STD	8-B-0387	22447	143007	52195	143034	135209
STD	0.010	8-B-1668					
STD	0.020	8-B-1670					
0.010	STD	8-B-1574	3524706	143534			
0.010	0.010	8-B-1669					
0.010	0.020	8-B-1671		143934			

Turbine End - smooth bore

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.8700	0.8800	0.0620	0.0630	0.0020	0.0070
Millimeters	22.10	22.35	1.57	1.60	0.05	0.18

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Schwitzer part no.	OEM part no.	Rotomaster part no.	Schwitzer part no.
STD	STD	8-B-0391	52951	143032	125647	9516	143006	142114
STD	0.010	8-B-1662						
STD	0.020	8-B-1664						
0.010	STD	8-B-1661	3524708	143034			143007	
0.010	0.010	8-B-1663						
0.010	0.020	8-B-1573						

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.8700	0.8800	0.0620	0.0630	0.0020	0.0090
Millimeters	22.10	22.35	1.57	1.60	0.05	0.23

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Schwitzer part no.	OEM part no.	Rotomaster part no.	Schwitzer part no.
STD	STD	8-B-0391	52951	143032	125647	9516	143006	142114
STD	0.010	8-B-1662						
STD	0.020	8-B-1664						
0.010	STD	8-B-1661	3524708	143034			143007	
0.010	0.010	8-B-1663						
0.010	0.020	8-B-1573						

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Holset

HC3 HT3B HT60
 HC3B HX60
 H3B HX60W

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.8800	0.8900	0.0062	0.0063	0.0020	0.0090
Millimeters	22.35	22.61	0.16	0.16	0.05	0.23

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	OEM part no.	Rotomaster part no.	Schwitzer part no.
STD	STD	8-B-0387	52195	143007	3518579	143034	135209
STD	0.010	8-B-1668					
STD	0.020	8-B-1670					
0.010	STD	8-B-1574	3524706	143534			
0.010	0.010	8-B-1669					
0.010	0.020	8-B-1671		143934			

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.7450	0.7550	0.0620	0.0630	0.0030	0.0080
Millimeters	18.92	19.18	1.57	1.60	0.08	0.20

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Schwitzer part no.
STD	STD	8-B-0527	3521442	144232	129577
0.010	STD	8-B-1680		143132	

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Holset

4L - step & smooth bore

Turbine End - step bore

Standard dimensions			O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches			0.8800	0.8900	0.0062	0.0063	0.0020	0.0090
Millimeters			22.35	22.61	0.16	0.16	0.05	0.23
O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Schwitzer part no.	OEM part no.	Rotomaster part no.	Schwitzer part no.
STD	STD	8-B-0387	52195	143034	135209	3518579	143007	146808
STD	0.010	8-B-1668						
STD	0.020	8-B-1670						
0.010	STD	8-B-1574	3524706	143534				
0.010	0.010	8-B-1669						
0.010	0.020	8-B-1671		143934				

Turbine End - smooth bore

Standard dimensions			O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches			0.8700	0.8800	0.062	0.063	0.0020	0.0090
Millimeters			22.10	22.35	1.57	1.60	0.05	0.23
O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Schwitzer part no.	OEM part no.	Rotomaster part no.	Schwitzer part no.
STD	STD	8-B-0391	52951	143032	125647	9516	143006	142114
STD	0.010	8-B-1662						
STD	0.020	8-B-1664						
0.010	STD	8-B-1661	52195	143034	135209	3518579	143007	146808
0.010	0.010	8-B-1663						
0.010	0.020	8-B-1573						

Compressor End - 0.750"/19.05mm bore design

Standard dimensions			O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches			0.7450	0.7550	0.062	0.063	0.0030	0.0080
Millimeters			18.92	19.18	1.57	1.60	0.08	0.20
O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Schwitzer part no.		part no.	part no.
STD	STD	8-B-0527	3521442	144232	129577			
0.010	STD	8-B-1680		143132				

Compressor End - 0.875"/22.22mm bore design

Standard dimensions			O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches			0.8700	0.8800	0.062	0.063	0.0020	0.0070
Millimeters			22.10	22.35	1.57	1.60	0.05	0.18
O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Schwitzer part no.	OEM part no.	Rotomaster part no.	Schwitzer part no.
STD	STD	8-B-0391	52951	143032	125647	9516	143006	142114
STD	0.010	8-B-1662						
STD	0.020	8-B-1664						
0.010	STD	8-B-1661	52195	143034	135209	3518579	143007	146808
0.010	0.010	8-B-1663						
0.010	0.020	8-B-1573						

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Holset

HT4B

HC5
HC5A

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	1.1170	1.1270	0.0620	0.0630	0.0020	0.0080
Millimeters	28.37	28.63	1.57	1.60	0.05	0.20

O/D	Width	TI part no.	OEM part no.
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STD | STD | 8-B-0108 | 3523412

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.7450	0.7550	0.0620	0.0630	0.0030	0.0080
Millimeters	18.92	19.18	1.57	1.60	0.08	0.20

O/D	Width	TI part no.	OEM part no.	Rotomaster part no.	Schwitzer part no.
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STD	STD	8-B-0527	3521442	144232	129577
0.010	STD	8-B-1680		143132	

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Holset

HX50

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.7450	0.7550	0.0670	0.0680	0.0020	0.0060
Millimeters	18.92	19.18	1.70	1.73	0.05	0.15

O/D	Width	TI part no.	OEM part no.
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STD | STD 8-B-2879 3532814

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6300	0.6400	0.0620	0.0630	0.0020	0.0070
Millimeters	16.00	16.26	1.57	1.60	0.05	0.18

O/D	Width	TI part no.	OEM part no.	Rotomaster part no.
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STD | STD 8-B-0070 58848 143532

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Holset

HX50
HX50W

HX82

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.7450	0.7550	0.0670	0.0680	0.0020	0.0060
Millimeters	18.92	19.18	1.70	1.73	0.05	0.15

O/D	Width	TI part no	OEM part no.
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STD | STD 8-B-2879 3532814

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.7450	0.7550	0.0670	0.0680	0.0020	0.0080
Millimeters	18.92	19.18	1.70	1.73	0.05	0.20

O/D	Width	TI part no	OEM part no.
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STD | STD 8-B-2890 3536143

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6300	0.6400	0.0620	0.0630	0.0020	0.0060
Millimeters	16.00	16.26	1.57	1.60	0.05	0.15

O/D	Width	TI part no	OEM part no.	Rotomaster part no.
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STD | STD 8-B-0070 58848 143532

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Holset

HX55

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.8800	0.8900	0.0062	0.0063	0.0020	0.0090
Millimeters	22.35	22.61	0.16	0.16	0.05	0.23

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Schwitzer part no.	Rotomaster part no.	Schwitzer part no.
STD	STD	8-B-0387	52195	143007	146808	143034	135209
STD	0.010	8-B-1668					
STD	0.020	8-B-1670					
0.010	STD	8-B-1574	3524706	143534			
0.010	0.010	8-B-1669					
0.010	0.020	8-B-1671		143934			

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6300	0.6400	0.0620	0.0630	0.0020	0.0060
Millimeters	16.00	16.26	1.57	1.60	0.05	0.15

O/D	Width	TI part no	OEM part no.	Rotomaster part no.
STD	STD	8-B-0070	58848	143532

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap

Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Mitsubishi

TDO2

TDO25

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.4830	0.4930	0.0460	0.0470	0.0010	0.0040
Millimeters	12.27	12.52	1.17	1.19	0.03	0.10

O/D	Width	TI part no	OEM part no.
STD 0.010	STD	8-E-0379	49170-23100
	STD	8-E-2039	

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.3100	0.3200	0.0300	0.0310	0.0010	0.0050
Millimeters	7.87	8.13	0.76	0.79	0.03	0.13

O/D	Width	TI part no	OEM part no.
STD	STD	8-E-2889	

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Mitsubishi

TCO3

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6200	0.6300	0.0620	0.0630	0.0050	0.0100
Millimeters	15.75	16.00	1.57	1.60	0.13	0.25

O/D	Width	TI part no.	OEM part no.	Garrett part no.	Holset no.	Schwitzer part no.
STD	STD	8-E-0374	49177-23100	400749-0006	9764	128936
STD	0.010	8-E-1431				
STD	0.020	8-E-1432				
0.010	STD	8-E-1646				
0.010	0.010	8-E-1495				
0.010	0.020	8-E-1647				

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.4830	0.4930	0.0460	0.0470	0.0010	0.0040
Millimeters	12.27	12.52	1.17	1.19	0.03	0.10

O/D	Width	TI part no.	OEM part no.
STD	STD	8-E-0379	49170-23100
0.010	STD	8-E-2039	

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Mitsubishi

TCO4 TDO4 TEO4H TFO35

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6200	0.6300	0.0620	0.0630	0.0050	0.0100
Millimeters	15.75	16.00	1.57	1.60	0.13	0.25

O/D	Width	TI part no	OEM part no.	Garrett part no.	Holset no.	Schwitzer part no.
STD	STD	8-E-0374	49177-23100	400749-0006	9764	128936
STD	0.010	8-E-1431				
STD	0.020	8-E-1432				
0.010	STD	8-E-1646				
0.010	0.010	8-E-1495				
0.010	0.020	8-E-1647				

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.3887	0.3987	0.0380	0.0400	0.0010	0.0030
Millimeters	9.87	10.13	0.97	1.02	0.03	0.08

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Holset no.
STD	STD	8-E-0369	49172-23200	115032	3545553
0.010	STD	8-E-2473			

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Mitsubishi

TC05

TDO5

TC06

TDO6

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6840	0.6940	0.0615	0.0625	0.0020	0.0060
Millimeters	17.37	17.63	1.56	1.59	0.05	0.15

O/D	Width	TI part no	OEM part no.	Holset part no.	Schwitzer part no.
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STD	STD	8-E-0365	49178-23100	3545552	310630
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STD	0.010	8-E-1601
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STD	0.020	8-E-1651
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0.010	STD	8-E-1648
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0.010	0.010	8-E-1650
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0.010	0.020	8-E-1652
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Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.4830	0.4930	0.0460	0.0470	0.0010	0.0040
Millimeters	12.27	12.52	1.17	1.19	0.03	0.10

O/D	Width	TI part no	OEM part no.
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STD	STD	8-E-0379	49170-23100
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0.010	STD	8-E-2039
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Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Mitsubishi

TEO6

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6840	0.6940	0.0615	0.0625	0.0020	0.0060
Millimeters	17.37	17.63	1.56	1.59	0.05	0.15

O/D	Width	TI part no	OEM part no.	Holset part no.	Schwitzer part no.
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STD	STD	8-E-0365	49178-23100	3545552	310630
STD	0.010	8-E-1601			
STD	0.020	8-E-1651			
0.010	STD	8-E-1648			
0.010	0.010	8-E-1650			
0.010	0.020	8-E-1652			

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.5450	0.5550	0.0540	0.0550	0.0020	0.0070
Millimeters	13.84	14.10	1.37	1.40	0.05	0.18

O/D	Width	TI part no
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STD | STD | 8-E-2934

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Mitsubishi

TDO7S

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6840	0.6940	0.0615	0.0625	0.0020	0.0060
Millimeters	17.37	17.63	1.56	1.59	0.05	0.15

O/D	Width	TI part no	OEM part no.	Holset part no.	Schwitzer part no.
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STD	STD	8-E-0365	49178-23100	3545552	310630
STD	0.010	8-E-1601			
STD	0.020	8-E-1651			
0.010	STD	8-E-1648			
0.010	0.010	8-E-1650			
0.010	0.020	8-E-1652			

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.5450	0.5550	0.0540	0.0550	0.0020	0.0070
Millimeters	13.84	14.10	1.37	1.40	0.05	0.18

O/D	Width	TI part no	OEM part no.
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STD	STD	8-E-2875	49187-23100
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Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Mitsubishi

TD07

TD08

TD08H

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.8590	0.8690	0.0605	0.0612	0.0020	0.0080
Millimeters	21.82	22.07	1.54	1.55	0.05	0.20

O/D	Width	TI part no	OEM part no.
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STD | STD | 8-E-2902 | 49181-23100

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6200	0.6300	0.0620	0.0630	0.0050	0.0100
Millimeters	15.75	16.00	1.57	1.60	0.13	0.25

O/D	Width	TI part no	OEM part no.	Garrett part no.	Holset no.	Schwitzer part no.
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STD	STD	8-E-0374	49177-23100	400749-0006	9764	128936
STD	0.010	8-E-1431				
STD	0.020	8-E-1432				
0.010	STD	8-E-1646				
0.010	0.010	8-E-1495				
0.010	0.020	8-E-1647				

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - I H I

RHB3

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.4281	0.4381	0.0380	0.0390	0.0010	0.0050
Millimeters	10.87	11.13	0.97	0.99	0.03	0.13

O/D	Width	TI part no	OEM part no. (North America)	OEM part no. (Europe)
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STD | STD | 8-F-0428 | 070T-014 | NB131013

Compressor End - Small

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.3100	0.3200	0.0300	0.0310	0.0010	0.0050
Millimeters	7.87	8.13	0.76	0.79	0.03	0.13

O/D	Width	TI part no	OEM part no. (North America)	OEM part no. (Europe)
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STD | STD | 8-F-0430 | 070T-015 | NB131009

Compressor End - Large

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.3887	0.3987	0.0380	0.0400	0.0010	0.0030
Millimeters	9.87	10.13	0.97	1.02	0.03	0.08

O/D	Width	TI part no	OEM part no. (North America)	OEM part no. (Europe)	Rotomaster part no.
-----	-------	------------	---------------------------------	--------------------------	------------------------

STD | STD | 8-F-1636 | 070T-022 | NN131577 | 115032

0.010 | STD | 8-F-2450

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - I H I

RHB4

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.5050	0.5150	0.0420	0.0430	0.0010	0.0030
Millimeters	12.83	13.08	1.07	1.09	0.03	0.08

O/D	Width	TI part no	OEM part no. (North America)	OEM part no. (Europe)	Rotomaster
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STD	STD	8-F-3085			
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RHF4H

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.5850	0.5950	0.0460	0.0470	0.0010	0.0030
Millimeters	14.86	15.11	1.17	1.19	0.03	0.08

O/D	Width	TI part no	OEM part no. (North America)	OEM part no. (Europe)	Rotomaster
-----	-------	------------	---------------------------------	--------------------------	------------

STD	STD	8-F-2453			
STD	0.010	8-F-2454			
STD	0.020	8-F-2455			
0.010	STD	8-F-2456			
0.010	0.010	8-F-2457			
0.010	0.020	8-F-2458			

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.3890	0.3990	0.0380	0.0390	0.0010	0.0030
Millimeters	9.88	10.13	0.97	0.99	0.03	0.08

O/D	Width	TI part no	OEM part no. (North America)	OEM part no. (Europe)	Rotomaster part no.
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STD	STD	8-F-2451			
0.010	STD	8-F-2452			

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - I H I

RHB5

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.5855	0.5955	0.0450	0.0470	0.0010	0.0040
Millimeters	14.87	15.13	1.14	1.19	0.03	0.10

O/D	Width	TI part no	OEM part no. (North America)	OEM part no. (Europe)	Rotomaster
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STD	STD	8-F-0440	070T-020	NN131575	115034
STD	0.010	8-F-1787			
STD	0.020	8-F-1789			
0.010	STD	8-F-1786			
0.010	0.010	8-F-1788			
0.010	0.020	8-F-1790			

RHF5

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6640	0.6740	0.0460	0.0470	0.0020	0.0060
Millimeters	16.87	17.12	1.17	1.19	0.05	0.15

O/D	Width	TI part no	OEM part no. (North America)	OEM part no. (Europe)	Rotomaster
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STD STD 8-F-3693

RHB5 & RHF5

Compressor End - Small

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.3887	0.3987	0.0380	0.0400	0.0010	0.0030
Millimeters	9.87	10.13	0.97	1.02	0.03	0.08

O/D	Width	TI part no	OEM part no. (North America)	OEM part no. (Europe)	Rotomaster
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STD	STD	8-F-1637	070T-022	NN131577	115032
0.010	STD	8-F-1783			

RHB5 only

Compressor End - Large

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.4830	0.4963	0.0460	0.0470	0.0010	0.0040
Millimeters	12.27	12.61	1.17	1.19	0.03	0.10

O/D	Width	TI part no	OEM part no. (North America)	OEM part no. (Europe)	Rotomaster
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STD	STD	8-F-1638	070T-017	NN131576	115033
0.010	STD	8-F-1784			

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - I H I

RHB6

RHC6

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6643	0.6743	0.0460	0.0470	0.0020	0.0060
Millimeters	16.87	17.13	1.17	1.19	0.05	0.15

O/D	Width	TI part no	OEM part no. (North America)	OEM part no. (Europe)
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STD	STD	8-F-0472	070T-018	NH261604
STD	0.010	8-F-1794		
STD	0.020	8-F-1796		
0.010	STD	8-F-1793		
0.010	0.010	8-F-1795		
0.010	0.020	8-F-1797		

Compressor End - Small

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.4830	0.4930	0.0460	0.0470	0.0010	0.0040
Millimeters	12.27	12.52	1.17	1.19	0.03	0.10

O/D	Width	TI part no	OEM part no. (North America)	OEM part no. (Europe)	Rotomaster part no.
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STD	STD	8-F-1639	070T-017	NN131576	115033
0.010	STD	8-F-1785			

Compressor End - Large

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.5462	0.5562	0.0540	0.0550	0.0020	0.0060
Millimeters	13.87	14.13	1.37	1.40	0.05	0.15

O/D	Width	TI part no	OEM part no. (North America)	OEM part no. (Europe)
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STD	STD	8-F-1239	070T-016	NH261605
0.010	STD	8-F-1791		

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - I H I

RHB7

RHC7

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.7233	0.7333	0.0550	0.0556	0.0020	0.0060
Millimeters	18.37	18.63	1.40	1.41	0.05	0.15

O/D	Width	TI part no	OEM part no. (North America)	OEM part no. (Europe)
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STD	STD	8-F-0039	070T-007	NN171107
STD	0.010	8-F-1800		
STD	0.020	8-F-1802		
0.010	STD	8-F-1799		
0.010	0.010	8-F-1801		
0.010	0.020	8-F-1803		

Compressor End - Small

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.5462	0.5562	0.0540	0.0550	0.0020	0.0060
Millimeters	13.87	14.13	1.37	1.40	0.05	0.15

O/D	Width	TI part no	OEM part no. (North America)	OEM part no. (Europe)
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STD	STD	8-F-0441	070T-016	NH261605
0.010	STD	8-F-1792		

Compressor End - Large

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6250	0.6350	0.0620	0.0630	0.0020	0.0060
Millimeters	15.88	16.13	1.57	1.60	0.05	0.15

O/D	Width	TI part no	OEM part no. (North America)	OEM part no. (Europe)
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STD	STD	8-F-0040	070T-010	NH191305
0.010	STD	8-F-1798		

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Toyota

CT9

CT12

CT12B

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6000	0.6100	0.0620	0.0630	0.0050	0.0100
Millimeters	15.24	15.49	1.57	1.60	0.13	0.25

O/D	Width	TI part no
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STD | STD 8-G-0738

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.4290	0.4390	0.0470	0.0480	0.0010	0.0060
Millimeters	10.92	11.05	1.17	1.19	0.05	0.15

O/D	Width	TI part no
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STD | STD 8-G-0737

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Toyota

CT20

CT26

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.7050	0.7150	0.0615	0.0625	0.0080	0.0150
Millimeters	17.91	18.16	1.56	1.59	0.20	0.38

O/D	Width	TI part no
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STD	STD	8-G-1640
STD	0.010	8-G-1642
STD	0.020	8-G-1644
0.010	STD	8-G-1641
0.010	0.010	8-G-1643
0.010	0.020	8-G-1645

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.4950	0.5050	0.0460	0.0470	0.0070	0.0120
Millimeters	12.57	12.83	1.17	1.19	0.18	0.30

O/D	Width	TI part no
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STD	STD	8-G-0513
0.010	STD	8-G-1804

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Borg Warner (K K K)

3LD 3LDZ 3LEP 3LKS 3LKZ

Turbine End - step bore

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.8800	0.8900	0.0062	0.0063	0.0020	0.0090
Millimeters	22.35	22.61	0.16	0.16	0.05	0.23

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	OEM part no.	Rotomaster part no.	Schwitzer part no.
STD	STD	8-B-0387	22447	143007	52195	143034	135209
STD	0.010	8-B-1668					
STD	0.020	8-B-1670					
0.010	STD	8-B-1574	3524706	143534			
0.010	0.010	8-B-1669					
0.010	0.020	8-B-1671		143934			

Turbine End - smooth bore

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.8700	0.8800	0.0620	0.0630	0.0020	0.0070
Millimeters	22.10	22.35	1.57	1.60	0.05	0.18

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Schwitzer part no.	OEM part no.	Rotomaster part no.	Schwitzer part no.
STD	STD	8-B-0391	52951	143032	125647	9516	143006	142114
STD	0.010	8-B-1662						
STD	0.020	8-B-1664						
0.010	STD	8-B-1661	3524708	143034			143007	
0.010	0.010	8-B-1663						
0.010	0.020	8-B-1573						

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.8700	0.8800	0.0620	0.0630	0.0020	0.0090
Millimeters	22.10	22.35	1.57	1.60	0.05	0.23

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Schwitzer part no.	OEM part no.	Rotomaster part no.	Schwitzer part no.
STD	STD	8-B-0391	52951	143032	125647	9516	143006	142114
STD	0.010	8-B-1662						
STD	0.020	8-B-1664						
0.010	STD	8-B-1661	3524708	143034			143007	
0.010	0.010	8-B-1663						
0.010	0.020	8-B-1573						

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Borg Warner (K K K)

KO3

KO4

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.5462	0.5562	0.0540	0.0550	0.0020	0.0060
Millimeters	13.87	14.13	1.37	1.40	0.05	0.15

O/D	Width	TI part no	OEM part no.
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STD	STD	8-D-0923	5314-127-0100
STD	0.010	8-D-1806	
STD	0.020	8-D-1808	
0.010	STD	8-D-1805	
0.010	0.010	8-D-1807	
0.010	0.020	8-D-1809	

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.3887	0.3987	0.0540	0.0550	0.0010	0.0050
Millimeters	9.87	10.13	1.37	1.40	0.03	0.13

O/D	Width	TI part no	OEM part no.
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STD	STD	8-D-1782	5303-127-0100
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Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Borg Warner (K K K)

4LB

4LE

4LF

4LG

4LGZ

K36

Turbine End - step bore

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.8800	0.8900	0.0062	0.0063	0.0020	0.0090
Millimeters	22.35	22.61	0.16	0.16	0.05	0.23

O/D	Width	TI part no.	OEM part no.	Rotomaster part no.	Schwitzer part no.	OEM part no.	Rotomaster part no.	Schwitzer part no.
STD	STD	8-B-0387	5222-127-0103	143034	135209	52195	143007	146808
STD	0.010	8-B-1668						
STD	0.020	8-B-1670						
0.010	STD	8-B-1574		143534				
0.010	0.010	8-B-1669						
0.010	0.020	8-B-1671		143934				

Turbine End - smooth bore

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.8700	0.8800	0.0620	0.0630	0.0020	0.0070
Millimeters	22.10	22.35	1.57	1.60	0.05	0.18

O/D	Width	TI part no.	OEM part no.	Rotomaster part no.	Schwitzer part no.	OEM part no.	Rotomaster part no.	Schwitzer part no.
STD	STD	8-B-0391	5232-127-0104	143032	125647	9516	143006	142114
STD	0.010	8-B-1662						
STD	0.020	8-B-1664						
0.010	STD	8-B-1661		143034			143007	
0.010	0.010	8-B-1663						
0.010	0.020	8-B-1573						

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.8700	0.8800	0.0620	0.0630	0.0020	0.0090
Millimeters	22.10	22.35	1.57	1.60	0.05	0.23

O/D	Width	TI part no.	OEM part no.	Rotomaster part no.	Schwitzer part no.	OEM part no.	Rotomaster part no.	Schwitzer part no.
STD	STD	8-B-0391	5232-127-0104	143032	125647	9516	143006	142114
STD	0.010	8-B-1662						
STD	0.020	8-B-1664						
0.010	STD	8-B-1661		143034			143007	
0.010	0.010	8-B-1663						
0.010	0.020	8-B-1573						

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Borg Warner (K K K)

K14

K16

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.5462	0.5562	0.0540	0.0550	0.0020	0.0060
Millimeters	13.87	14.13	1.37	1.40	0.05	0.15

O/D	Width	TI part no.	OEM part no.
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STD	STD	8-D-0923	5314-127-0100
STD	0.010	8-D-1806	
STD	0.020	8-D-1808	
0.010	STD	8-D-1805	
0.010	0.010	8-D-1807	
0.010	0.020	8-D-1809	

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.5450	0.5550	0.0540	0.0550	0.0020	0.0070
Millimeters	13.84	14.10	1.37	1.40	0.05	0.18

O/D	Width	TI part no.	OEM part no.
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STD	STD	8-D-0406	5326-127-0102
0.010	STD	8-D-1815	

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Borg Warner (K K K)

K24

K26

K27

K28

K29

Turbine End (& Compressor End on 0.755"/19.18mm o/d)

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.7550	0.7650	0.0530	0.0540	0.0010	0.0060
Millimeters	19.18	19.43	1.35	1.37	0.03	0.15

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Schwitzer part no.	Holset part no.
STD	STD	8-D-0668	5223-127-0102	127032	182042	3545361
STD	0.010	8-D-1811				
STD	0.020	8-D-1813				
0.010	STD	8-D-1810				
0.010	0.010	8-D-1812				
0.010	0.020	8-D-1814				

Compressor End (0.545"/13.84mm o/d)

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.5450	0.5550	0.0540	0.0550	0.0020	0.0070
Millimeters	13.84	14.10	1.37	1.40	0.05	0.18

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Schwitzer part no.
STD	STD	8-D-0406	5326-127-0103	127033	312697
0.010	STD	8-D-1815			

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Borg Warner (K K K)

KP31 KP35 BV39 KP39

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.3887	0.3987	0.0540	0.0550	0.0010	0.0050
Millimeters	9.87	10.13	1.37	1.40	0.03	0.13

O/D	Width	TI part no	OEM part no.
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STD | STD 8-D-3636 5431-127-0102

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.3887	0.3987	0.0540	0.0550	0.0010	0.0050
Millimeters	9.87	10.13	1.37	1.40	0.03	0.13

O/D	Width	TI part no	OEM part no.
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STD | STD 8-D-3636 5431-127-0102

*Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material*



Piston Ring - Borg Warner (Schwitzer)

S1B

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6200	0.6300	0.0620	0.0630	0.0030	0.0080
Millimeters	15.75	16.00	1.57	1.60	0.08	0.20

O/D	Width	TI part no	OEM part no.
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STD	STD	8-C-1772	313783
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Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.4350	0.4450	0.0450	0.0460	0.0030	0.0080
Millimeters	11.05	11.30	1.14	1.17	0.08	0.20

O/D	Width	TI part no	OEM part no.
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STD	STD	8-C-2982	311857
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Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Borg Warner (Schwitzer)

S2A

S2B

S2D

S2E

Turbine End - S2B & S2E

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.7550	0.7650	0.0620	0.0630	0.0010	0.0060
Millimeters	19.18	19.43	1.57	1.60	0.03	0.15

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Holset part no.
STD	STD	8-C-1682	186135	143132	56754
STD	STD	8-C-2983	313861		
STD	0.010	8-C-1552			
STD	0.020	8-C-1553			
0.010	STD	8-C-1532		143533	3524707
0.010	0.010	8-C-1683			
0.010	0.020	8-C-1684			

Turbine End - S2A & S2D

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.7050	0.7150	0.0615	0.0625	0.0080	0.0150
Millimeters	17.91	18.16	1.56	1.59	0.20	0.38

O/D	Width	TI part no	OEM part no.
STD	STD	8-C-1748	186841
STD	0.010	8-C-2949	
STD	0.020	8-C-2950	
0.010	STD	8-C-2951	
0.010	0.010	8-C-2952	

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.4950	0.5050	0.0620	0.0630	0.0030	0.0080
Millimeters	12.57	12.83	1.57	1.60	0.08	0.20

O/D	Width	TI part no	OEM part no.	Rotomaster part no.
STD	STD	8-C-1749	186842	104033
STD	0.010	8-C-3111		104533
STD	0.020	8-C-3113		
0.010	STD	8-C-1770		104533
0.010	0.010	8-C-3112		
0.010	0.020	8-C-3114		

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Borg Warner (Schwitzer)

3LD - step & smooth bore

Turbine End - step bore

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.8800	0.8900	0.0620	0.0630	0.0020	0.0090
Millimeters	22.35	22.61	1.57	1.60	0.05	0.23

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Holset part no.
STD	STD	8-B-0387	146808	143034/143007	195/3518579
STD	0.010	8-B-1668			
STD	0.020	8-B-1670			
0.010	STD	8-B-1574		143534	3524706
0.010	0.010	8-B-1669			
0.010	0.020	8-B-1671		143934	

Turbine End - smooth bore

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.8700	0.8800	0.0620	0.0630	0.0020	0.0090
Millimeters	22.10	22.35	1.57	1.60	0.05	0.23

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Holset part no.
STD	STD	8-B-0391	125647/142114	143032/143006	52951/9516
STD	0.010	8-B-1662			
STD	0.020	8-B-1664			
0.010	STD	8-B-1661	146808	143034/143007	52195
0.010	0.010	8-B-1663			
0.010	0.020	8-B-1573			

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.8700	0.8800	0.0620	0.0630	0.0020	0.0090
Millimeters	22.10	22.35	1.57	1.60	0.05	0.23

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Holset part no.
STD	STD	8-B-0391	125647/142114	143032/143006	52951/9516
STD	0.010	8-B-1662			
STD	0.020	8-B-1664			
0.010	STD	8-B-1661		143034/143007	3524708
0.010	0.010	8-B-1663			
0.010	0.020	8-B-1573			

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Borg Warner (Schwitzer)

3LM

S76

S76A

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.7550	0.7650	0.0625	0.0630	0.0010	0.0060
Millimeters	19.18	19.43	1.59	1.60	0.03	0.15

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Holset part no.
STD	STD	8-C-1682	186135	143132	56754
STD	0.010	8-C-1552			
STD	0.020	8-C-1553			
0.010	STD	8-C-1532		143533	3524707
0.010	0.010	8-C-1683			
0.010	0.020	8-C-1684			

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6200	0.6300	0.0620	0.0630	0.0050	0.0100
Millimeters	15.75	16.00	1.57	1.60	0.13	0.25

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Holset part no.
STD	STD	8-C-1649	310279	143232	9764
STD	0.010	8-C-3097			
STD	0.020	8-C-3099			
0.010	STD	8-C-1681			
0.010	0.010	8-C-3098			
0.010	0.020	8-C-3100			

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Borg Warner (Schwitzer)

S3

S3A

S3B

Turbine End - S3, S3A & S3B

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.9900	1.0000	0.0620	0.0630	0.0030	0.0080
Millimeters	25.15	25.40	1.57	1.60	0.08	0.20

O/D	Width	TI part no	OEM part no.
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STD	STD	8-C-1726	194798
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Turbine End - S3B

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.9950	1.0050	0.0770	0.0780	0.0030	0.0080
Millimeters	25.27	25.53	1.96	1.98	0.08	0.20

O/D	Width	TI part no	OEM part no.
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STD	STD	8-C-2984	316193
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STD	0.010	8-C-3579	
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Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6200	0.6300	0.0620	0.0630	0.0050	0.0100
Millimeters	15.75	16.00	1.57	1.60	0.13	0.25

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Holset part no.
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STD	STD	8-C-1649	310279	143232	9764
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STD	0.010	8-C-3097			
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STD	0.020	8-C-3099			
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0.010	STD	8-C-1681			
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0.010	0.010	8-C-3098			
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0.010	0.020	8-C-3100			
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Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Borg Warner (Schwitzer)

4B

4D

4HD

4HF

4MD

V4MD

V4HD

Turbine & Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.8700	0.8800	0.0620	0.0630	0.0020	0.0080
Millimeters	22.10	22.35	1.57	1.60	0.05	0.20

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Holset part no.
STD	STD	8-B-0391	125647/142114	143032/143006	52951/9516
STD	0.010	8-B-1662			
STD	0.020	8-B-1664			
0.010	STD	8-B-1661	146808	143034/143007	521995
0.010	0.010	8-B-1663			
0.010	0.020	8-B-1573			

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Borg Warner (Schwitzer)

4L - step & smooth bore

Turbine End - step bore

Standard dimensions			O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches			0.8800	0.8900	0.062	0.063	0.0020	0.0090
Millimeters			22.35	22.61	1.57	1.60	0.05	0.23
O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Schwitzer part no.	OEM part no.	Rotomaster part no.	Schwitzer part no.
STD	STD	8-B-0387	52195	143034	135209	3518579	143007	146808
STD	0.010	8-B-1668						
STD	0.020	8-B-1670						
0.010	STD	8-B-1574	3524706	143534				
0.010	0.010	8-B-1669						
0.010	0.020	8-B-1671		143934				

Turbine End - smooth bore

Standard dimensions			O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches			0.8700	0.8800	0.062	0.063	0.0020	0.0090
Millimeters			22.10	22.35	1.57	1.60	0.05	0.23
O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Schwitzer part no.	OEM part no.	Rotomaster part no.	Schwitzer part no.
STD	STD	8-B-0391	52951	143032	125647	9516	143006	142114
STD	0.010	8-B-1662						
STD	0.020	8-B-1664						
0.010	STD	8-B-1661	52195	143034	135209	3518579	143007	146808
0.010	0.010	8-B-1663						
0.010	0.020	8-B-1573						

Compressor End - 0.750"/19.05mm bore design

Standard dimensions			O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches			0.7450	0.7550	0.062	0.063	0.0030	0.0080
Millimeters			18.92	19.18	1.57	1.60	0.08	0.20
O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Schwitzer part no.			
STD	STD	8-B-0527	3521442	144232	129577			
0.010	STD	8-B-1680		143132				

Compressor End - 0.875"/22.22mm bore design

Standard dimensions			O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches			0.8700	0.8800	0.062	0.063	0.0020	0.0070
Millimeters			22.10	22.35	1.57	1.60	0.05	0.18
O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Schwitzer part no.	OEM part no.	Rotomaster part no.	Schwitzer part no.
STD	STD	8-B-0391	52951	143032	125647	9516	143006	142114
STD	0.010	8-B-1662						
STD	0.020	8-B-1664						
0.010	STD	8-B-1661	52195	143034	135209	3518579	143007	146808
0.010	0.010	8-B-1663						
0.010	0.020	8-B-1573						

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Borg Warner (Schwitzer)

S4

S4D

S4DW

S4T

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.9950	1.0050	0.0620	0.0630	0.0020	0.0070
Millimeters	25.27	25.53	1.57	1.60	0.05	0.18

O/D	Width	TI part no	OEM part no.
STD	STD	8-C-1726	194798
STD	0.010	8-C-3090	
STD	0.020	8-C-3092	
0.010	STD	8-C-2037	
0.010	0.010	8-C-3091	
0.010	0.020	8-C-3093	

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.8700	0.8800	0.0620	0.0630	0.0020	0.0080
Millimeters	22.10	22.35	1.57	1.60	0.05	0.20

O/D	Width	TI part no	OEM part no.
STD	STD	8-C-1351	310724
STD	STD	8-C-1351	125647
STD	0.010	8-C-3102	
STD	0.020	8-C-3104	
0.010	STD	8-C-1775	
0.010	0.010	8-C-3103	
0.010	0.020	8-C-3101	

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Borg Warner (Schwitzer)

S81

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.8800	0.8900	0.0620	0.0630	0.0020	0.0090
Millimeters	22.35	22.61	1.57	1.60	0.05	0.23

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Holset part no.
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STD	STD	8-B-0387	146808	143034/143007	52195/3518579
STD	0.010	8-B-1668			
STD	0.020	8-B-1670			
0.010	STD	8-B-1574		143534	3524706
0.010	0.010	8-B-1669			
0.010	0.020	8-B-1671		143934	

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6200	0.6300	0.0620	0.0630	0.0050	0.0100
Millimeters	15.75	16.00	1.57	1.60	0.13	0.25

O/D	Width	TI part no	OEM part no.	Rotomaster part no.	Holset part no.
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STD	STD	8-C-1649	310279	143232	9764
STD	0.010	8-C-3097			
STD	0.020	8-C-3099			
0.010	STD	8-C-1681			
0.010	0.010	8-C-3098			
0.010	0.020	8-C-3100			

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Borg Warner (Schwitzer)

S200

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.7800	0.7900	0.0570	0.0580	0.0030	0.0080
Millimeters	19.81	20.07	1.45	1.47	0.08	0.20

O/D	Width	TI part no	OEM part no.
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STD	STD	8-C-2992	315534
10	STD	8-C-3955	
10	20	8-C-3956	

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6200	0.6300	0.0580	0.0590	0.0030	0.0080
Millimeters	15.75	16.00	1.47	1.50	0.08	0.20

O/D	Width	TI part no	OEM part no.
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STD	STD	8-C-2990	167747
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Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Borg Warner (Schwitzer)

S300

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.8600	0.8700	0.0770	0.0780	0.0030	0.0080
Millimeters	21.84	22.10	1.96	1.98	0.08	0.20

O/D	Width	TI part no.	OEM part no.
STD	STD	8-C-2993	315535
STD	0.010	8-C-3724	
0.010	STD	8-C-3725	
0.010	0.010	8-C-3726	
0.010	0.020	8-C-3727	

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.7050	0.7150	0.0615	0.0625	0.0030	0.0080
Millimeters	17.91	18.16	1.56	1.59	0.08	0.20

O/D	Width	TI part no.	OEM part no.
STD	STD	8-C-3477	186841

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Borg Warner (Schwitzer)

S400

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.8800	0.8900	0.0580	0.0590	0.0030	0.0080
Millimeters	22.35	22.61	1.47	1.50	0.08	0.20

O/D	Width	TI part no.	OEM part no.
STD	STD	8-C-3504	317569

S410

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	1.0200	1.0300	0.0770	0.0780	0.0030	0.0080
Millimeters	25.91	26.16	1.96	1.98	0.08	0.20

O/D	Width	TI part no.	OEM part no.
STD	STD	8-C-3497	315536

S400 & S410

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.8600	0.8700	0.0780	0.0790	0.0030	0.0080
Millimeters	21.84	22.10	1.98	2.01	0.08	0.20

O/D	Width	TI part no.	OEM part no.
STD	STD	8-C-3500	317324

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Borg Warner (Schwitzer)

S500

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	1.1750	1.1850	0.0970	0.0980	0.0030	0.0080
Millimeters	29.85	30.10	2.46	2.49	0.08	0.20

O/D	Width	TI part no	OEM part no.
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STD | STD 8-C-3742 315537

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	1.1750	1.1850	0.0780	0.0790	0.0030	0.0080
Millimeters	29.85	30.10	1.98	2.01	0.08	0.20

O/D	Width	TI part no	OEM part no.
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STD | STD 8-C-3743 171519

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	1.0200	1.0300	0.0780	0.0790	0.0030	0.0080
Millimeters	25.91	26.16	1.98	2.01	0.08	0.20

O/D	Width	TI part no	OEM part no.
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STD | STD 8-C-2996 167782

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Cummins

T46

ST50

VT50

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	1.2700	1.2800	0.1230	0.1240	0.0050	0.0190
Millimeters	32.26	32.51	3.12	3.15	0.13	0.48

O/D	Width	TI part no	Rotomaster part no.	Schwitzer part no.
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STD	STD	8-H-3706	150033	188559	STEP GAP DESIGN
STD	0.025	8-H-1512	150534		
0.010	0.010	8-H-1518	150933		
0.010	0.025	8-H-1513	150834		

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.9940	1.0040	0.1225	0.1245	0.0050	0.0300
Millimeters	25.25	25.50	3.11	3.16	0.13	0.76

O/D	Width	TI part no	Rotomaster part no.	Schwitzer part no.
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STD	STD	8-H-3705	150032	311883	STEP GAP DESIGN
0.010	STD	8-H-1600	150532		

*Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material
 The standard dimension turbine & compressor end rings have the "step gap" design.
 All over-sizes are "plain end" design.*



Piston Ring - Hitachi

HT-10

HT-12

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.6092	0.6192	0.0650	0.0660	0.0020	0.0080
Millimeters	15.47	15.73	1.65	1.68	0.05	0.20

O/D	Width	TI part no
STD	STD	8-K-1003

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.4950	0.5050	0.0630	0.0640	0.0030	0.0080
Millimeters	12.57	12.83	1.60	1.63	0.08	0.20

O/D	Width	TI part no
STD	STD	8-K-1233

HT18-2S

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.7050	0.7150	0.0619	0.0625	0.0080	0.0150
Millimeters	17.91	18.16	1.57	1.59	0.20	0.38

O/D	Width	TI part no
STD	STD	8-K-2961
STD	0.010	8-K-2975
STD	0.020	8-K-2976
0.010	STD	8-K-2977
0.010	0.010	8-K-2978
0.010	0.020	8-K-2979

Note: O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



Piston Ring - Komatsu

KTR110A

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.9620	0.9720	0.0745	0.0755	0.0010	0.0060
Millimeters	24.43	24.69	1.89	1.92	0.03	0.15

O/D	Width	TI part no.	OEM part no.
STD	STD	8-L-2248	6505-11-0310

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.7050	0.7150	0.0600	0.0610	0.0010	0.0060
Millimeters	17.91	18.16	1.52	1.55	0.03	0.15

O/D	Width	TI part no.	OEM part no.
STD	STD	8-L-2249	6505-11-0350

Turbine End

KTR110G

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	1.0400	1.0500	0.0865	0.0875	0.0010	0.0030
Millimeters	26.42	26.67	2.20	2.22	0.03	0.08

O/D	Width	TI part no.	OEM part no.
STD	STD	8-L-2265	6505-51-0310

Turbine End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	0.7850	0.7950	0.0745	0.0755	0.0010	0.0060
Millimeters	19.94	20.19	1.89	1.92	0.03	0.15

O/D	Width	TI part no.	OEM part no.
STD	STD	8-L-2266	6505-51-0351

Turbine End

KTR130

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	1.1760	1.1860	0.1135	0.1145	0.0010	0.0060
Millimeters	29.87	30.12	2.88	2.91	0.03	0.15

O/D	Width	TI part no.	OEM part no.
STD	STD	8-L-2256	6502-12-1340

Compressor End

Standard dimensions	O/D min	O/D max	Width min	Width max	I/Gap min	I/Gap max
Inches	1.1760	1.1860	0.1135	0.1145	0.0010	0.0060
Millimeters	29.87	30.12	2.88	2.91	0.03	0.15

O/D	Width	TI part no.	OEM part no.
STD	STD	8-L-2256	6502-12-1340

⁹ O/D is the outside diameter. I/Gap is the "installed gap". The O/D includes the installed gap
 Non-standard dimensions are quoted in inches. All piston rings are manufactured of "hi-temperature" material



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