

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: $-0.04 \text{ (Total)} / 2 = -0.02 \text{ (one side)}$



RED = NEW INFORMATION

PISTON BUYER'S GUIDE

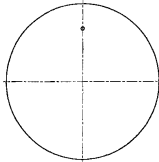
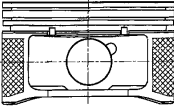
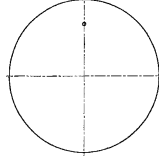
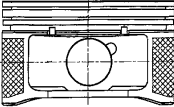
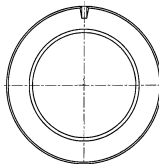
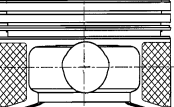
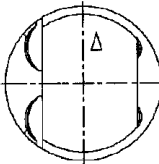
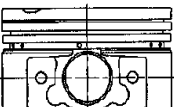
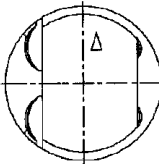
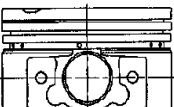
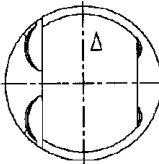
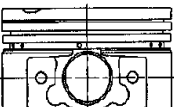
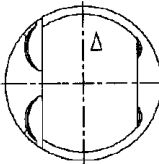
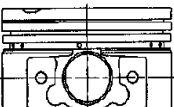
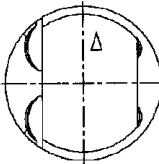
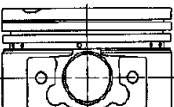
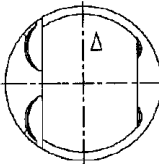
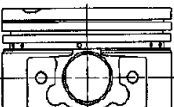
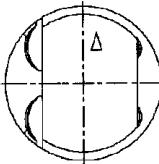
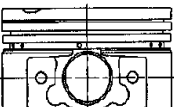
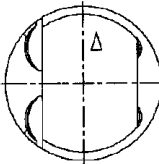
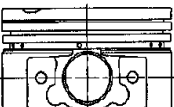
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Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



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RED = NEW INFORMATION

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT										PISTON DIAMETER MEASURING POINT EXPLANATION									
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	PIN LENGTH DIA. mm	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)					
		BORE mm inch	LENGTH mm inch	COMP. mm inch	+ - DIST. mm inch	2ND	mm			mm	mm	mm	mm						
						OIL1	inch			inch	inch	inch	inch						
						OIL2	mm			mm	mm	mm	mm						
PAGE #		39	219							92.960	Tolerance is + / - (mm inch) :				0.0045	0.00018			
11-806	6	93.000	53.90	31.80		1.50	59.00	YELLOW:	92.9705	93.2205	93.4705	93.7205	93.9705						
		3.661	2.122	1.252		0.059	2.323		3.66026	3.67010	3.67994	3.68978	3.69963						
PISTON RING #		Total Clearance				1.50	24.022 0.946	WHITE:	92.9625	93.2125	93.4625	93.7125	93.9625						
		mm	inch			0.059			3.65994	3.66978	3.67963	3.68947	3.69931						
SWC10002		-0.04	-0.00157			3.00			92.9495	93.1995	93.4495	93.6995	93.9495						
						0.118			3.65943	3.66927	3.67911	3.68896	3.69880						
					Cir Clip		24.022 0.946	GREEN:	92.9575	93.2075	93.4575	93.7075	93.9575						
									3.65974	3.66959	3.67943	3.68927	3.69911						
					SURFACE TREATMENT				REMARKS:										
					NONE				Measure for CYL 13.00 mm from Bottom of Skirt.										
PAGE #		43	219			1.50	24.022 0.946	YELLOW:	92.9705	93.2205	93.4705	93.7205	93.9705						
11-807	8	93.000	53.90	31.80		0.059			2.323	3.66026	3.67010	3.67994	3.68978	3.69963					
		3.661	2.122	1.252		0.059			WHITE:	92.9625	93.2125	93.4625	93.7125	93.9625					
PISTON RING #		Total Clearance				1.50			3.65994	3.66978	3.67963	3.68947	3.69931						
		mm	inch			0.059	BLUE:	92.9495	93.1995	93.4495	93.6995	93.9495							
SWC10002 8CYL		-0.04	-0.00157			3.00	0.118	3.65943	3.66927	3.67911	3.68896	3.69880							
					Cir Clip		24.022 0.946	GREEN:	92.9575	93.2075	93.4575	93.7075	93.9575						
									3.65974	3.66959	3.67943	3.68927	3.69911						
					SURFACE TREATMENT				REMARKS:										
					NONE				Measure for CYL 13.00 mm from Bottom of Skirt.										
PAGE #		43	219			1.50	24.022 0.946	YELLOW:	92.9705	93.2205	93.4705	93.7205	93.9705						
11-807D	8	93.000	53.90	31.80		0.059			2.323	3.66026	3.67010	3.67994	3.68978	3.69963					
		3.661	2.181	1.319	+	2.00			0.079	WHITE:	92.9625	93.2125	93.4625	93.7125	93.9625				
PISTON RING #		Total Clearance				1.50			3.65994	3.66978	3.67963	3.68947	3.69931						
		mm	inch			0.059	BLUE:	92.9495	93.1995	93.4495	93.6995	93.9495							
SWC10002 8CYL		-0.04	-0.00157			3.00	0.118	3.65943	3.66927	3.67911	3.68896	3.69880							
					Cir Clip		24.022 0.946	GREEN:	92.9575	93.2075	93.4575	93.7075	93.9575						
									3.65974	3.66959	3.67943	3.68927	3.69911						
					SURFACE TREATMENT				REMARKS:										
					NONE				Measure for CYL 10.00 mm from Bottom of Skirt.										
PAGE #		25			1.20	22.00 0.866	YELLOW:	83.4775	83.7275	83.9775	84.2275	84.4775							
11-808	6	83.500	64.00	31.90	+			0.10	64.00	3.28652	3.29636	3.30620	3.31604	3.32589					
		3.287	2.520	1.256	0.004			0.047	2.520	83.4675	83.7175	83.9675	84.2175	84.4675					
PISTON RING #		Total Clearance						1.50	3.28612	3.29596	3.30581	3.31565	3.32549						
		mm	inch			0.059	BLUE:	83.4625	83.7125	83.9625	84.2125	84.4625							
SWC10009		-0.03	-0.00118			3.00	0.118	3.28593	3.29577	3.30561	3.31545	3.32530							
					Cir Clip		22.00 0.866	GREEN:	83.4725	83.7225	83.9725	84.2225	84.4725						
									3.28632	3.29616	3.30600	3.31585	3.32569						
					SURFACE TREATMENT				REMARKS:										
					NONE				Measure for CYL 9.00 mm from Bottom of Skirt.										
PAGE #		25			1.20	22.00 0.866	YELLOW:	83.4775	83.7275	83.9775	84.2275	84.4775							
11-808	6	83.500	64.00	31.90	+			0.10	64.00	3.28652	3.29636	3.30620	3.31604	3.32589					
		3.287	2.520	1.256	0.004			0.047	2.520	83.4675	83.7175	83.9675	84.2175	84.4675					
PISTON RING #		Total Clearance						1.50	3.28612	3.29596	3.30581	3.31565	3.32549						
		mm	inch			0.059	BLUE:	83.4625	83.7125	83.9625	84.2125	84.4625							
SWC10009		-0.03	-0.00118			3.00	0.118	3.28593	3.29577	3.30561	3.31545	3.32530							
					Cir Clip		22.00 0.866	GREEN:	83.4725	83.7225	83.9725	84.2225	84.4725						
									3.28632	3.29616	3.30600	3.31585	3.32569						
					SURFACE TREATMENT				REMARKS:										
					NONE				Measure for CYL 9.00 mm from Bottom of Skirt.										
PAGE #		25			1.20	22.00 0.866	YELLOW:	83.4775	83.7275	83.9775	84.2275	84.4775							
11-808	6	83.500	64.00	31.90	+			0.10	64.00	3.28652	3.29636	3.30620	3.31604	3.32589					
		3.287	2.520	1.256	0.004			0.047	2.520	83.4675	83.7175	83.9675	84.2175	84.4675					
PISTON RING #		Total Clearance						1.50	3.28612	3.29596	3.30581	3.31565	3.32549						
		mm	inch			0.059	BLUE:	83.4625	83.7125	83.9625	84.2125	84.4625							
SWC10009		-0.03	-0.00118			3.00	0.118	3.28593	3.29577	3.30561	3.31545	3.32530							
					Cir Clip		22.00 0.866	GREEN:	83.4725	83.7225	83.9725	84.2225	84.4725						
									3.28632	3.29616	3.30600	3.31585	3.32569						
					SURFACE TREATMENT				REMARKS:										
					NONE				Measure for CYL 9.00 mm from Bottom of Skirt.										
PAGE #		25			1.20	22.00 0.866	YELLOW:	83.4775	83.7275	83.9775	84.2275	84.4775							
11-808	6	83.500	64.00	31.90	+			0.10	64.00	3.28652	3.29636	3.30620	3.31604	3.32589					
		3.287	2.520	1.256	0.004			0.047	2.520	83.4675	83.7175	83.9675	84.2175	84.4675					
PISTON RING #		Total Clearance						1.50	3.28612	3.29596	3.30581	3.31565	3.32549						
		mm	inch			0.059	BLUE:	83.4625	83.7125	83.9625	84.2125	84.4625							
SWC10009		-0.03	-0.00118			3.00	0.118	3.28593	3.29577	3.30561	3.31545	3.32530							
					Cir Clip		22.00 0.866	GREEN:	83.4725	83.7225	83.9725	84.2225	84.4725						
									3.28632	3.29616	3.30600	3.31585	3.32569						
					SURFACE TREATMENT				REMARKS:										
					NONE				Measure for CYL 9.00 mm from Bottom of Skirt.										
PAGE #		25			1.20	22.00 0.866	YELLOW:	83.4775	83.7275	83.9775	84.2275	84.4775							
11-808	6	83.500	64.00	31.90	+			0.10	64.00	3.28652	3.29636	3.30620	3.31604	3.32589					
		3.287	2.520	1.256	0.004			0.047	2.520	83.4675	83.7175	83.9675	84.2175	84.4675					
PISTON RING #		Total Clearance						1.50	3.28612	3.29596	3.30581	3.31565	3.32549						
		mm	inch			0.059	BLUE:	83.4625	83.7125	83.9625	84.2125	84.4625							
SWC10009		-0.03	-0.00118			3.00	0.118	3.28593	3.29577	3.30561	3.31545	3.32530							
					Cir Clip		22.00 0.866	GREEN:	83.4725	83.7225	83.9725	84.2225	84.4725						
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					SURFACE TREATMENT				REMARKS:										
					NONE				Measure for CYL 9.00 mm from Bottom of Skirt.										
PAGE #		25			1.20	22.00 0.866	YELLOW:	83.4775	83.7275	83.9775	84.2275	84.4775							
11-808	6	83.500	64.00	31.90	+			0.10	64.00	3.28652	3.29636	3.30620	3.31604	3.32589					
		3.287	2.520	1.256	0.004			0.047	2.520	83.4675	83.7175	83.9675	84.2175	84.4675					
PISTON RING #		Total Clearance						1.50	3.28612	3.29596	3.30581	3.31565	3.32549						
		mm	inch			0.059	BLUE:	83.4625	83.7125	83.9625	84.2125	84.4625							
SWC10009		-0.03	-0.00118			3.00	0.118	3.28593	3.29577	3.30561	3.31545	3.32530							
					Cir Clip		22.00 0.866	GREEN:	83.4725	83.7225	83.9725	84.2225	84.4725						
									3.28632	3.29616	3.30600	3.31585	3.32569						
					SURFACE TREATMENT				REMARKS:										
					NONE				Measure for CYL 9.00 mm from Bottom of Skirt.										
PAGE #		25			1.20	22.00 0.866	YELLOW:	83.4775	83.7275	83.9775	84.2275	84.4775							
11-808	6	83.500	64.00	31.90	+			0.10	64.00	3.28652	3.29636	3.30620	3.31604	3.32589					
		3.287	2.520	1.256	0.004			0.047	2.520	83.4675	83.7175	83.9675	84.2175	84.4675					
PISTON RING #		Total Clearance						1.50	3.28612	3.29596	3.30581	3.31565	3.32549						
		mm	inch			0.059	BLUE:	83.4625	83.7125	83.9625	84.2125	84.4625							
SWC10009		-0.03	-0.00118			3.00	0.118	3.28593	3.29577	3.30561	3.31545	3.32530							
					Cir Clip		22.00 0.866	GREEN:	83.4725	83.7225	83.9725	84.2225	84.4725						
									3.28632	3.29616	3.30600	3.31585	3.32569						
					SURFACE TREATMENT				REMARKS:										
					NONE				Measure for CYL 9.00 mm from Bottom of Skirt.										
PAGE #		25			1.20	22.00 0.866	YELLOW:	83.4775	83.7275	83.9775	84.2275	84.4775							
11-808	6	83.500	64.00	31.90	+			0.10	64.00	3.28652	3.29636	3.30620	3.31604	3.32589					
		3.287	2.520	1.256	0.004			0.047	2.520	83.4675	83.7175	83.9675	84.2175	84.4675					
PISTON RING #		Total Clearance						1.50	3.28612	3.29596	3.30581	3.31565	3.32549						
		mm	inch			0.059	BLUE:	83.4625	83.7125	83.9625	84.2125	84.4625							
SWC10009		-0.03	-0.00118			3.00	0.118	3.28593	3.29577	3.30561	3.31545	3.32530							
					Cir Clip		22.00 0.866	GREEN:	83.4725	83.7225	83.9725	84.2225	84.4725						
																			

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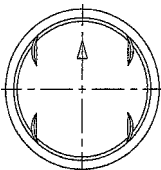
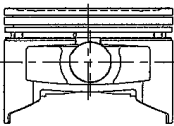
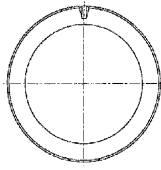
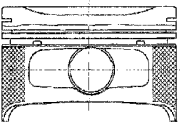
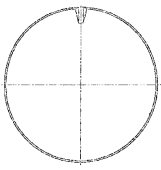
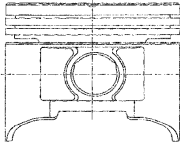
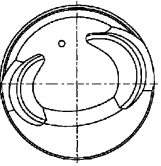
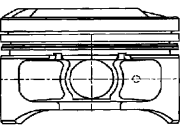
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NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	PIN LENGTH DIA. mm	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)		
		BORE mm inch	LENGTH mm inch	COMP. mm inch	+ - DIST. mm inch	2ND	mm inch			mm inch	mm inch	mm inch	mm inch			
						OIL1										
						OIL2										
PAGE #		33	217						91.100 Tolerance is + / - (mm inch) : 0.0025 0.00010							
11-817	6	91.100 3.587	64.20 2.528	30.20 1.189	~ 0.051	1.20 0.047	64.00 2.520	YELLOW:	91.0775 3.58573	91.3275 3.59557	91.5775 3.60541	91.8275 3.61526	92.0775 3.62510			
		PISTON RING #		Total Clearance mm inch			1.50 0.059		RED:	91.0675 3.58533	91.3175 3.59518	91.5675 3.60502	91.8175 3.61486	92.0675 3.62470		
		SWM31078		-0.03 -0.00118		3.00 0.118	BLUE:			91.0625 3.58514	91.3125 3.59498	91.5625 3.60482	91.8125 3.61467	92.0625 3.62451		
 					Cir Clip			22.00 0.866	GREEN:	91.0725 3.58553	91.3225 3.59537	91.5725 3.60522	91.8225 3.61506	92.0725 3.62490		
					NONE	SURFACE TREATMENT				REMARKS: Measure for CYL 15.00 mm from Bottom of Clearance: 0.591 inch Skirt.						
					C17	NONE										
PAGE #		73	75						90.180 Tolerance is + / - (mm inch) : 0.0045 0.00018							
11-820	8	90.200 3.551	56.20 2.213	30.86 1.215	~ 0.152	1.50 0.059	62.00 2.441	YELLOW:	90.1905 3.55081	90.4405 3.56065	90.6905 3.57049	90.9405 3.58033	91.1905 3.59018			
		PISTON RING #		Total Clearance mm inch			1.50 0.059		WHITE:	90.1825 3.55049	90.4325 3.56033	90.6825 3.57018	90.9325 3.58002	91.1825 3.58986		
		SWF30006		-0.04 -0.00157		3.00 0.118	BLUE:			90.1695 3.54998	90.4195 3.55982	90.6695 3.56967	90.9195 3.57951	91.1695 3.58935		
 					Cir Clip			22.00 0.866	GREEN:	90.1775 3.55030	90.4275 3.56014	90.6775 3.56998	90.9275 3.57982	91.1775 3.58967		
					NONE	SURFACE TREATMENT				REMARKS: Measure for CYL 11.00 mm from Bottom of Clearance: 0.433 inch Skirt.						
					J05	Moly Skirt										
PAGE #		45														
11-821	8	99.310 3.910	86.40 3.402	43.80 1.724		1.98 0.078	76.00 2.992	YELLOW:	99.3005 3.90947	99.5505 3.91931	99.8005 3.92915	100.0505 3.93900	100.3005 3.94884			
		PISTON RING #		Total Clearance mm inch			1.98 0.078		WHITE:	99.2925 3.90915	99.5425 3.91900	99.7925 3.92884	100.0425 3.93868	100.2925 3.94852		
		SWC10019		-0.04 -0.00157		4.76 0.187	BLUE:			99.2795 3.90864	99.5295 3.91848	99.7795 3.92833	100.0295 3.93817	100.2795 3.94801		
 					Cir Clip			22.00 0.866	GREEN:	99.2875 3.90896	99.5375 3.91880	99.7875 3.92864	100.0375 3.93848	100.2875 3.94833		
					NONE	SURFACE TREATMENT				REMARKS: Measure for CYL 14.00 mm from Bottom of Clearance: 0.551 inch Skirt.						
					J05	NONE										
PAGE #		59														
11-822	4	84.860 3.341	47.10 1.854	37.10 1.461	~ 0.185	1.50 0.059	63.30 2.492	YELLOW:	84.8205 3.33939	85.0705 3.34923	85.3205 3.35907	85.5705 3.36892	85.8205 3.37876			
		PISTON RING #		Total Clearance mm inch			1.50 0.059		WHITE:	84.8125 3.33907	85.0625 3.34892	85.3125 3.35876	85.5625 3.36860	85.8125 3.37844		
		SWF30005		-0.04 -0.00157		3.00 0.118	BLUE:			84.7995 3.33856	85.0495 3.34841	85.2995 3.35825	85.5495 3.36809	85.7995 3.37793		
 					Cir Clip			20.63 0.812	GREEN:	84.8075 3.33888	85.0575 3.34872	85.3075 3.35856	85.5575 3.36841	85.8075 3.37825		
					NONE	SURFACE TREATMENT				REMARKS: Measure for CYL 7.00 mm from Bottom of Clearance: 0.276 inch Skirt.						
					J05	NONE										

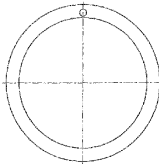
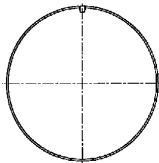
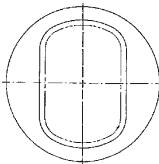
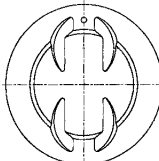
PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION							
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	PIN LENGTH DIA. mm	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)	
		BORE mm inch	LENGTH mm inch	COMP. mm inch	+ - mm inch	DIST. mm inch	2ND			mm	mm	mm	mm	mm	
							OIL1			inch	inch	inch	inch		
							OIL2			mm	mm	mm	mm		
PAGE #		141								101.560 Tolerance is + / - (mm inch) : 0.0045 0.00018					
11-823	8	101.600	60.60	33.80	~	1.10	1.50	70.00	YELLOW:	101.5705	101.8205	102.0705	102.3205	102.5705	
		4.000	2.386	1.331		0.043	0.059	2.756		3.99884	4.00868	4.01852	4.02837	4.03821	
PISTON RING #		Total Clearance				1.50	0.059	24.00	WHITE:	101.5625	101.8125	102.0625	102.3125	102.5625	
		mm	inch							3.99852	4.00837	4.01821	4.02805	4.03789	
SWI10197		-0.04		-0.00157		3.00	0.118	0.945	BLUE:	101.5495	101.7995	102.0495	102.2995	102.5495	
										3.99801	4.00785	4.01770	4.02754	4.03738	
						Cir Clip			GREEN:	101.5575	101.8075	102.0575	102.3075	102.5575	
										3.99833	4.00817	4.01801	4.02785	4.03770	
							NONE			SURFACE TREATMENT		REMARKS: Measure for CYL 21.00 mm from Bottom of Skirt. Clearance: 0.827 inch			
							NONE			NONE					
						J05	Moly Skirt		CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.						
PAGE #		67								88.960 Tolerance is + / - (mm inch) : 0.0045 0.00018					
11-825	6	89.000	66.30	38.50		1.50	1.50	70.00	YELLOW:	88.9705	89.2205	89.4705	89.7205	89.9705	
		3.504	2.610	1.516		0.059	2.756	3.50278		3.51262	3.52246	3.53230	3.54215		
PISTON RING #		Total Clearance				1.50	0.059	23.17	WHITE:	88.9625	89.2125	89.4625	89.7125	89.9625	
		mm	inch							3.50246	3.51230	3.52215	3.53199	3.54183	
SWI10155 SWT20075		-0.04		-0.00157		4.00	0.157	0.912	BLUE:	88.9495	89.1995	89.4495	89.6995	89.9495	
										3.50195	3.51179	3.52163	3.53148	3.54132	
						Cir Clip			GREEN:	88.9575	89.2075	89.4575	89.7075	89.9575	
										3.50226	3.51211	3.52195	3.53179	3.54163	
							NONE			SURFACE TREATMENT		REMARKS: Measure for CYL 8.00 mm from Bottom of Skirt. Clearance: 0.315 inch			
							NONE			NONE					
						J05	NONE								
PAGE #		73								96.830 Tolerance is + / - (mm inch) : 0.0025 0.00010					
11-826	6	96.800	59.10	31.80	~	3.60	1.50	63.30	YELLOW:	96.8075	97.0575	97.3075	97.5575	97.8075	
		3.811	2.327	1.252		0.142	0.059	2.492		3.81132	3.82116	3.83100	3.84085	3.85069	
PISTON RING #		Total Clearance				1.50	0.059	23.00	RED:	96.7975	97.0475	97.2975	97.5475	97.7975	
		mm	inch							3.81093	3.82077	3.83061	3.84045	3.85030	
SWF30004		-0.04		-0.00157		3.00	0.118	0.906	BLUE:	96.7925	97.0425	97.2925	97.5425	97.7925	
										3.81073	3.82057	3.83041	3.84026	3.85010	
						Cir Clip			GREEN:	96.8025	97.0525	97.3025	97.5525	97.8025	
										3.81112	3.82096	3.83081	3.84065	3.85049	
							NONE			SURFACE TREATMENT		REMARKS: Measure for CYL 11.50 mm from Bottom of Skirt. Clearance: 0.453 inch			
							NONE			NONE					
						C17	Moly Skirt		CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.						
PAGE #		121 123								101.580 Tolerance is + / - (mm inch) : 0.0045 0.00018					
11-827	6	101.600	66.00	39.40	~	2.60	1.50	69.70	YELLOW:	101.5905	101.8405	102.0905	102.3405	102.5905	
		4.000	2.598	1.551		0.102	0.059	2.744		3.99963	4.00947	4.01931	4.02915	4.03900	
PISTON RING #		Total Clearance				1.50	0.059	23.56	WHITE:	101.5825	101.8325	102.0825	102.3325	102.5825	
		mm	inch							3.99931	4.00915	4.01900	4.02884	4.03868	
SWI10196		-0.04		-0.00157		3.00	0.118	0.928	BLUE:	101.5695	101.8195	102.0695	102.3195	102.5695	
										3.99880	4.00864	4.01848	4.02833	4.03817	
						Cir Clip			GREEN:	101.5775	101.8275	102.0775	102.3275	102.5775	
										3.99911	4.00896	4.01880	4.02864	4.03848	
							NONE			SURFACE TREATMENT		REMARKS: Measure for CYL 12.00 mm from Bottom of Skirt. Clearance: 0.472 inch			
							NONE			NONE					
						J05	NONE								

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: $-0.04 \text{ (Total)} / 2 = -0.02 \text{ (one side)}$



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PISTON BUYER'S GUIDE

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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION													
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)								
		BORE	LENGTH	COMP.	+	DIST.	2ND		mm	mm	mm	mm	mm								
		inch	inch	inch	-	inch	OIL1 OIL2		inch	inch	inch	inch	inch								
PAGE #		163																			
11-833	4	87.000	53.60	29.60	-	2.60	1.20														
		3.425	2.110	1.165		0.102	0.047														
PISTON RING #		Total Clearance																			
SWH30466																					

PISTON BUYER'S GUIDE

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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION							
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)	
		BORE mm inch	LENGTH mm inch	COMP. mm inch	+ - inch	DIST. mm inch	2ND	LENGTH		mm	mm	mm	mm	mm	
							OIL1	DIA.		inch	inch	inch	inch	inch	
							OIL2	mm		inch	inch	inch	inch	inch	
PAGE #		167								75.500		Tolerance is + / - (mm inch) :		0.0025	0.00010
11-837	4	75.500	53.70	30.70	-	0.20	1.50	47.50	YELLOW:	75.4775	75.7275	75.9775	76.2275	76.4775	
		2.972	2.114	1.209		0.008	0.059	1.870		2.97156	2.98140	2.99124	3.00108	3.01093	
		PISTON RING #		Total Clearance				1.50				75.4675	75.7175	75.9675	76.2175
		mm		inch				0.059			2.97116	2.98100	2.99085	3.00069	3.01053
SWG30017		-0.03		-0.00118				3.00	18.00	BLUE:	75.4625	75.7125	75.9625	76.2125	76.4625
								0.118	0.709	GREEN:	2.97096	2.98081	2.99065	3.00049	3.01033
											75.4725	75.7225	75.9725	76.2225	76.4725
											2.97136	2.98120	2.99104	3.00089	3.01073
						Cir Clip				REMARKS:					
						NONE		SURFACE TREATMENT		Measure for CYL					
						NONE		NONE		Clearance:					
						C17		NONE		10.00 mm					
										0.394 inch					
										from Bottom of Skirt.					
PAGE #		167		185						82.000		Tolerance is + / - (mm inch) :		0.0025	0.00010
11-838	4	82.000	57.80	31.00	+	0.30	1.20	59.00	YELLOW:	81.9775	82.2275	82.4775	82.7275	82.9775	
		3.228	2.276	1.220		0.012	0.047	2.323		3.22746	3.23730	3.24715	3.25699	3.26683	
		PISTON RING #		Total Clearance				1.20				81.9675	82.2175	82.4675	82.7175
		mm		inch				0.047			3.22707	3.23691	3.24675	3.25659	3.26644
SWG30028		-0.03		-0.00118				2.50	20.00	BLUE:	81.9625	82.2125	82.4625	82.7125	82.9625
								0.098	0.787	GREEN:	3.22687	3.23671	3.24656	3.25640	3.26624
											81.9725	82.2225	82.4725	82.7225	82.9725
											3.22726	3.23711	3.24695	3.25679	3.26663
						Cir Clip				REMARKS:					
						NONE		SURFACE TREATMENT		Measure for CYL					
						NONE		NONE		Clearance:					
						C17		NONE		10.00 mm					
										0.394 inch					
										from Bottom of Skirt.					
PAGE #		177								86.000		Tolerance is + / - (mm inch) :		0.0025	0.00010
11-840	4	86.000	53.70	27.60	+	1.20	1.20	61.00	YELLOW:	85.9775	86.2275	86.4775	86.7275	86.9775	
		3.386	2.114	1.087		0.047	0.047	2.402		3.38494	3.39478	3.40463	3.41447	3.42431	
		PISTON RING #		Total Clearance				1.50				85.9675	86.2175	86.4675	86.7175
		mm		inch				0.059			3.38455	3.39439	3.40423	3.41407	3.42392
SWI10206		-0.03		-0.00118				2.50	21.00	BLUE:	85.9625	86.2125	86.4625	86.7125	86.9625
								0.098	0.827	GREEN:	3.38435	3.39419	3.40404	3.41388	3.42372
											85.9725	86.2225	86.4725	86.7225	86.9725
											3.38474	3.39459	3.40443	3.41427	3.42411
						Cir Clip				REMARKS:					
						NONE		SURFACE TREATMENT		Measure for CYL					
						NONE		NONE		Clearance:					
						C17		NONE		15.00 mm					
										0.591 inch					
										from Bottom of Skirt.					
PAGE #		185								81.000		Tolerance is + / - (mm inch) :		0.0025	0.00010
11-841	4	81.000	50.30	30.20	-	2.60	1.20	58.00	YELLOW:	80.9775	81.2275	81.4775	81.7275	81.9775	
		3.189	1.980	1.189		0.102	0.047	2.283		3.18809	3.19793	3.20778	3.21762	3.22746	
		PISTON RING #		Total Clearance				1.20				80.9675	81.2175	81.4675	81.7175
		mm		inch				0.047			3.18770	3.19754	3.20738	3.21722	3.22707
SWG30040		-0.03		-0.00118				2.50	20.00	BLUE:	80.9625	81.2125	81.4625	81.7125	81.9625
								0.098	0.787	GREEN:	3.18750	3.19734	3.20719	3.21703	3.22687
											80.9725	81.2225	81.4725	81.7225	81.9725
											3.18789	3.19774	3.20758	3.21742	3.22726
						Cir Clip				REMARKS:					
						C17		SURFACE TREATMENT		Measure for CYL					
								NONE		Clearance:					
								C17		10.00 mm					
										0.394 inch					
										from Bottom of Skirt.					

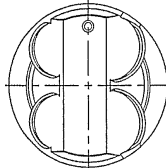
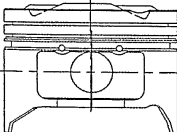
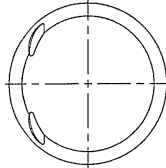
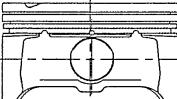
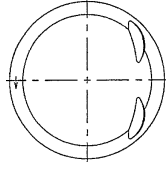
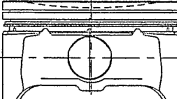
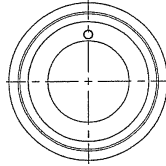
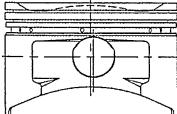
PISTON BUYER'S GUIDE

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Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION							
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)	
		BORE mm inch	LENGTH mm inch	COMP. mm inch	+ DIST. mm inch	-	2ND	LENGTH		mm	mm	mm	mm	mm	
							OIL1	DIA.		inch	inch	inch	inch	inch	
							OIL2	mm		inch	inch	inch	inch	inch	
PAGE #		201								83.000		Tolerance is + / - (mm inch) :		0.0025	0.00010
11-842	4	83.000	64.00	30.70	+	3.00	1.50	57.00		YELLOW:	82.9775	83.2275	83.4775	83.7275	83.9775
		3.268	2.520	1.209		0.118	0.059	2.244			3.26683	3.27667	3.28652	3.29636	3.30620
PISTON RING #		Total Clearance						1.50		RED:	82.9675	83.2175	83.4675	83.7175	83.9675
		mm inch						0.059			3.26644	3.27628	3.28612	3.29596	3.30581
SWT20066		-0.03 -0.00118						3.00	20.00	BLUE:	82.9625	83.2125	83.4625	83.7125	83.9625
								0.118	0.787		3.26624	3.27608	3.28593	3.29577	3.30561
 						Cir Clip			REMARKS:	Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch					
							SURFACE TREATMENT								
						NONE									
						C17	NONE								
PAGE #		203								87.470		Tolerance is + / - (mm inch) :		0.0045	0.00018
11-843	4	87.500	51.00	28.50	-	4.00	1.20	61.50		YELLOW:	87.4805	87.7305	87.9805	88.2305	88.4805
		3.445	2.008	1.122		0.157	0.047	2.421			3.44411	3.45396	3.46380	3.47364	3.48348
PISTON RING #		Total Clearance						1.20		WHITE:	87.4725	87.7225	87.9725	88.2225	88.4725
		mm inch						0.047			3.44380	3.45364	3.46348	3.47333	3.48317
SWT20090		-0.03 -0.00118						2.50	21.00	BLUE:	87.4595	87.7095	87.9595	88.2095	88.4595
								0.098	0.827		3.44329	3.45313	3.46297	3.47281	3.48266
 						Cir Clip			REMARKS:	Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch					
						NONE	SURFACE TREATMENT								
						Anodized Head									
						J05	Moly Skirt								
PAGE #		203								87.480		Tolerance is + / - (mm inch) :		0.0045	0.00018
11-844	4	87.500	51.00	28.50	-	3.30	1.20	61.50		YELLOW:	87.4905	87.7405	87.9905	88.2405	88.4905
		3.445	2.008	1.122		0.130	0.047	2.421			3.44451	3.45435	3.46419	3.47404	3.48388
PISTON RING #		Total Clearance						1.20		WHITE:	87.4825	87.7325	87.9825	88.2325	88.4825
		mm inch						0.047			3.44419	3.45404	3.46388	3.47372	3.48356
SWT20090		-0.03 -0.00118						2.50	21.00	BLUE:	87.4695	87.7195	87.9695	88.2195	88.4695
								0.098	0.827		3.44368	3.45352	3.46337	3.47321	3.48305
 						Cir Clip			REMARKS:	Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch					
						NONE	SURFACE TREATMENT								
						NONE									
						J05	NONE								
PAGE #		217								93.000		Tolerance is + / - (mm inch) :		0.0025	0.00010
11-847	6	93.000	64.20	30.20	-	4.70	1.50	64.00		YELLOW:	92.9775	93.2275	93.4775	93.7275	93.9775
		3.661	2.528	1.189		0.185	0.059	2.520			3.66053	3.67037	3.68022	3.69006	3.69990
PISTON RING #		Total Clearance						1.50		RED:	92.9675	93.2175	93.4675	93.7175	93.9675
		mm inch						0.059			3.66014	3.66998	3.67982	3.68967	3.69951
SWM31121		-0.03 -0.00118						3.00	22.00	BLUE:	92.9625	93.2125	93.4625	93.7125	93.9625
								0.118	0.866		3.65994	3.66978	3.67963	3.68947	3.69931
 						Cir Clip			REMARKS:	Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch					
							SURFACE TREATMENT								
						Anodized Head									
						C17	NONE								
CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.															

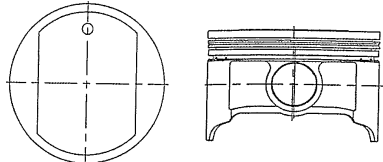
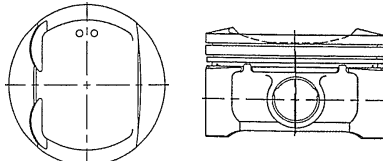
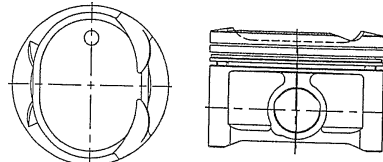
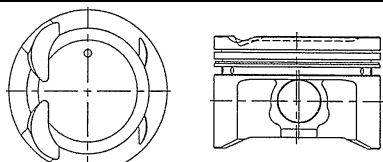
PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	PIN LENGTH DIA. mm	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE mm inch	LENGTH mm inch	COMP. mm inch	+ - mm inch	DIST. mm inch	2ND			mm inch	mm inch	mm inch	mm inch	mm inch
							OIL1 OIL2			MID	MID	MID	MID	
PAGE #		219							94.970 Tolerance is + / - (mm inch) : 0.01 0.00039					
11-848	6	95.000	56.80	29.10	+	0.20	1.20	58.00	RED:					
		3.740	2.236	1.146		0.008	0.047	2.283		94.9600	95.2100	95.4600	95.7100	95.9600
		PISTON RING #		Total Clearance				1.20		3.73858	3.74843	3.75827	3.76811	3.77795
								0.047						
SWM31148								2.00						
								0.079						
						Cir Clip		22.00 0.866	GREEN:	94.9800	95.2300	95.4800	95.7300	95.9800
							SURFACE TREATMENT			3.73937	3.74921	3.75906	3.76890	3.77874
						T03	Anodized Head			REMARKS: Measure for CYL 12.00 mm from Bottom of Skirt. Clearance: 0.472 inch				
						Moly Skirt		CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.						
PAGE #		223							83.970 Tolerance is + / - (mm inch) : 0.01 0.00039					
11-849	4	84.000	52.80	31.20	+	3.20	1.20	53.00	RED:					
		3.307	2.079	1.228		0.126	0.047	2.087		83.9600	84.2100	84.4600	84.7100	84.9600
		PISTON RING #		Total Clearance				1.20		3.30551	3.31535	3.32520	3.33504	3.34488
								0.047						
SWN30154								2.00						
								0.079						
						Cir Clip		19.99 0.787	GREEN:	83.9800	84.2300	84.4800	84.7300	84.9800
							SURFACE TREATMENT			3.30630	3.31614	3.32598	3.33583	3.34567
						J05	Anodized Head			REMARKS: Measure for CYL 5.50 mm from Bottom of Skirt. Clearance: 0.217 inch				
						Moly Skirt		CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.						
PAGE #		257							86.000 Tolerance is + / - (mm inch) : 0.0025 0.00010					
11-850	4	86.000	60.80	40.80	-	5.80	1.20	56.00	YELLOW:	85.9775	86.2275	86.4775	86.7275	86.9775
		3.386	2.394	1.606		0.228	0.047	2.205		3.38494	3.39478	3.40463	3.41447	3.42431
		PISTON RING #		Total Clearance				1.20		85.9675	86.2175	86.4675	86.7175	86.9675
								0.085	3.38455	3.39439	3.40423	3.41407	3.42392	
SWT10186								2.00	85.9625	86.2125	86.4625	86.7125	86.9625	
								0.079	3.38435	3.39419	3.40404	3.41388	3.42372	
						Cir Clip		22.00 0.866	GREEN:	85.9725	86.2225	86.4725	86.7225	86.9725
							SURFACE TREATMENT			3.38474	3.39459	3.40443	3.41427	3.42411
						C17	None			REMARKS: Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch				
						Moly Skirt		CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.						
PAGE #		193 263							85.970 Tolerance is + / - (mm inch) : 0.01 0.00039					
11-851	6	86.000	59.00	34.00	-	2.30	1.50	66.00	RED:					
		3.386	2.323	1.339		0.091	0.059	2.598		85.9600	86.2100	86.4600	86.7100	86.9600
		PISTON RING #		Total Clearance				1.50		3.38425	3.39409	3.40394	3.41378	3.42362
								0.059						
SWT10134								4.00						
								0.157						
						Cir Clip		22.00 0.866	GREEN:	85.9800	86.2300	86.4800	86.7300	86.9800
							SURFACE TREATMENT			3.38504	3.39488	3.40472	3.41457	3.42441
						T03	None			REMARKS: Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch				
						Moly Skirt		CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.						

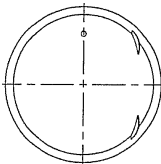
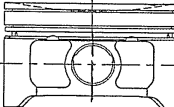
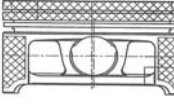
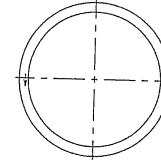
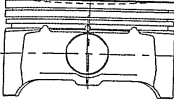
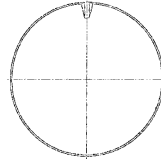
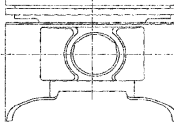
PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	+	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm inch	mm inch	mm inch	-	mm inch	OIL1 OIL2	DIA. mm		inch MID	inch MID	inch MID	inch MID	inch MID
PAGE #		227					88.980 Tolerance is + / - (mm inch) : 0.0045 0.00018							
11-852	4	89.000	54.80	32.00		4.00	1.20	57.00	YELLOW:	88.9905	89.2405	89.4905	89.7405	89.9905
		3.504	2.157	1.260	-	0.157	0.047	2.244		3.50356	3.51341	3.52325	3.53309	3.54293
PISTON RING #		Total Clearance						1.20	WHITE:	88.9825	89.2325	89.4825	89.7325	89.9825
		mm inch						0.047		3.50325	3.51309	3.52293	3.53278	3.54262
SWN30143		-0.03 -0.00118						2.50	BLUE:	88.9695	89.2195	89.4695	89.7195	89.9695
								0.098		3.50274	3.51258	3.52242	3.53226	3.54211
									GREEN:	88.9775	89.2275	89.4775	89.7275	89.9775
										3.50305	3.51289	3.52274	3.53258	3.54242
						Cir Clip			REMARKS:					
							SURFACE TREATMENT		Measure for CYL 19.00 mm from Bottom of Skirt.					
							Anodized Head		Clearance: 0.748 inch					
						J05	Moly Skirt		CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
PAGE #		83					90.180 Tolerance is + / - (mm inch) : 0.0045 0.00018							
11-853	8	90.200	52.00	30.70			1.50	62.00	YELLOW:	90.1905	90.4405	90.6905	90.9405	91.1905
		3.551	2.047	1.209			0.059	2.441		3.55081	3.56065	3.57049	3.58033	3.59018
PISTON RING #		Total Clearance						1.50	WHITE:	90.1825	90.4325	90.6825	90.9325	91.1825
		mm inch						0.059		3.55049	3.56033	3.57018	3.58002	3.58986
SWF30006		-0.04 -0.00157						3.00	BLUE:	90.1695	90.4195	90.6695	90.9195	91.1695
								0.118		3.54998	3.55982	3.56967	3.57951	3.58935
						Cir Clip			REMARKS:					
							SURFACE TREATMENT		Measure for CYL 13.00 mm from Bottom of Skirt.					
							Anodized Head		Clearance: 0.512 inch					
						J05	Moly Skirt		CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
PAGE #		201					87.480 Tolerance is + / - (mm inch) : 0.0045 0.00018							
11-854	8	87.500	51.00	28.50		2.00	1.20	61.50	YELLOW:	87.4905	87.7405	87.9905	88.2405	88.4905
		3.445	2.008	1.122	-	0.079	0.047	2.421		3.44451	3.45435	3.46419	3.47404	3.48388
PISTON RING #		Total Clearance						1.20	WHITE:	87.4825	87.7325	87.9825	88.2325	88.4825
		mm inch						0.047		3.44419	3.45404	3.46388	3.47372	3.48356
SWT20090		-0.03 -0.00118						2.50	BLUE:	87.4695	87.7195	87.9695	88.2195	88.4695
								0.098		3.44368	3.45352	3.46337	3.47321	3.48305
						Cir Clip			REMARKS:					
						NONE	SURFACE TREATMENT		Measure for CYL 10.00 mm from Bottom of Skirt.					
							Anodized Head		Clearance: 0.394 inch					
						J05	Moly Skirt		CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
PAGE #		41					99.290 Tolerance is + / - (mm inch) : 0.0045 0.00018							
11-855	6	99.300	86.40	43.80			1.98	76.00	YELLOW:	99.3005	99.5505	99.8005	100.0505	100.3005
		3.909	3.402	1.724			0.078	2.992		3.90947	3.91931	3.92915	3.93900	3.94884
PISTON RING #		Total Clearance						1.98	WHITE:	99.2925	99.5425	99.7925	100.0425	100.2925
		mm inch						0.078		3.90915	3.91900	3.92884	3.93868	3.94852
SWC10018		-0.04 -0.00157						4.76	BLUE:	99.2795	99.5295	99.7795	100.0295	100.2795
								0.187		3.90864	3.91848	3.92833	3.93817	3.94801
						Cir Clip			REMARKS:					
						NONE	SURFACE TREATMENT		Measure for CYL 14.00 mm from Bottom of Skirt.					
							NONE		Clearance: 0.551 inch					
						J05	NONE							

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION									
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN LENGTH DIA. mm	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)			
		BORE	LENGTH	COMP.	+	DIST.			2ND	mm	mm	mm	mm	mm		
		inch	inch	inch	-	inch			OIL1	inch	inch	inch	inch	inch		
PAGE #		51	85					102.000	Tolerance is + / - (mm inch) :				0.0025	0.00010		
11-856	6	102.000	105.20	71.40	~	12.50	3.00K	83.00	YELLOW:	101.9775	102.2275	102.4775	102.7275	102.9775		
		4.016	4.142	2.811		0.492	0.118K			3.268	4.01486	4.02470	4.03455	4.04439	4.05423	
PISTON RING #		Total Clearance				2.35	40.00	RED:	101.9675	102.2175	102.4675	102.7175	102.9675			
		mm		inch		0.093			4.01447	4.02431	4.03415	4.04400	4.05384			
SDC10022		-0.1016		-0.00400		4.00	1.575	BLUE:	101.9625	102.2125	102.4625	102.7125	102.9625			
						0.157			4.01427	4.02411	4.03396	4.04380	4.05364			
							Cir Clip	GREEN:	101.9725	102.2225	102.4725	102.7225	102.9725			
									4.01467	4.02451	4.03435	4.04419	4.05404			
							SURFACE TREATMENT	REMARKS: Measure for CYL 20.00 mm from Bottom of Skirt. Clearance: 0.787 inch								
														NONE		
						C17	NONE									
PAGE #		85						95.000	Tolerance is + / - (mm inch) :				0.0025	0.00010		
11-857	8	95.000	85.80	52.04	~	6.60	2.25	65.00	YELLOW:	94.9775	95.2275	95.4775	95.7275	95.9775		
		3.740	3.378	2.049		0.260	0.089			2.559	3.73927	3.74911	3.75896	3.76880	3.77864	
PISTON RING #		Total Clearance				16.40	2.00	34.00	RED:	94.9675	95.2175	95.4675	95.7175	95.9675		
		mm		inch		0.646	0.079			3.73888	3.74872	3.75856	3.76841	3.77825		
NA		-0.1016		-0.00400		3.50	0.138	BLUE:	94.9625	95.2125	95.4625	95.7125	95.9625			
									3.73868	3.74852	3.75837	3.76821	3.77805			
							Cir Clip	GREEN:	94.9725	95.2225	95.4725	95.7225	95.9725			
									3.73907	3.74892	3.75876	3.76860	3.77844			
							SURFACE TREATMENT	REMARKS: Measure for CYL 15.00 mm from Bottom of Skirt. Clearance: 0.591 inch								
														NONE		
						C17	Moly Skirt									
PAGE #		173						95.500	Tolerance is + / - (mm inch) :				0.0025	0.00010		
11-859	6	95.500	52.60	29.60		1.20		58.00	YELLOW:	95.4775	95.7275	95.9775	96.2275	96.4775		
		3.760	2.071	1.165		0.047	0.047			2.283	3.75896	3.76880	3.77864	3.78848	3.79833	
PISTON RING #		Total Clearance				1.20		22.00	RED:	95.4675	95.7175	95.9675	96.2175	96.4675		
		mm		inch		0.047	0.047			3.75856	3.76841	3.77825	3.78809	3.79793		
SWN30131		-0.03		-0.00118		2.50	0.098	BLUE:	95.4625	95.7125	95.9625	96.2125	96.4625			
						0.098			3.75837	3.76821	3.77805	3.78789	3.79774			
							Cir Clip	GREEN:	95.4725	95.7225	95.9725	96.2225	96.4725			
									3.75876	3.76860	3.77844	3.78829	3.79813			
							SURFACE TREATMENT	REMARKS: Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch								
														Anodized Head		
						C17	Moly Skirt									
PAGE #		173		231						95.440	Tolerance is + / - (mm inch) :				0.0045	0.00018
11-860	6	95.500	53.90	29.50	+	0.80	1.20	58.00	YELLOW:	95.4450	95.6950	95.9450	96.1950	96.4450		
		3.760	2.122	1.161		0.047	0.047			2.283	3.75768	3.76752	3.77736	3.78720	3.79705	
PISTON RING #		Total Clearance				1.20		22.00	WHITE:	95.4425	95.6925	95.9425	96.1925	96.4425		
		mm		inch		0.047	0.047			3.75758	3.76742	3.77726	3.78711	3.79695		
SWN30131		-0.03		-0.00118		2.50	0.098	BLUE:	95.4350	95.6850	95.9350	96.1850	96.4350			
						0.098			3.75728	3.76713	3.77697	3.78681	3.79665			
							Cir Clip	GREEN:	95.4375	95.6875	95.9375	96.1875	96.4375			
									3.75738	3.76722	3.77707	3.78691	3.79675			
							SURFACE TREATMENT	REMARKS: Measure for CYL 6.00 mm from Bottom of Skirt. Clearance: 0.236 inch								
														Anodized Head		
						J05	Moly Skirt									

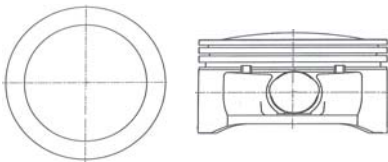
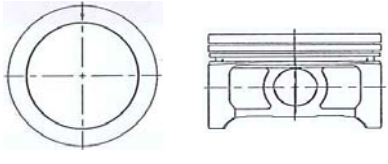
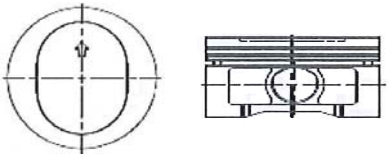
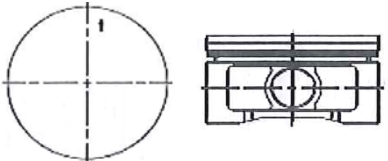
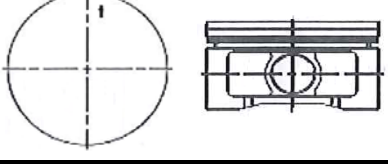
PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION							
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)	
		BORE mm inch	LENGTH mm inch	COMP. mm inch	+ DIST. mm inch	-	2ND	LENGTH		mm	mm	mm	mm	mm	
							OIL1	DIA.		inch	inch	inch	inch	inch	
							OIL2	mm		inch	inch	inch	inch	inch	
PAGE #		47													
11-861	8	99.500	59.00	31.00	+	4.00	1.50	71.00	YELLOW:	99.5405	99.7905	100.0405	100.2905	100.5405	
		3.917	2.323	1.220			0.059			2.795	3.91892	3.92876	3.93860	3.94844	3.95829
PISTON RING #		Total Clearance													
		mm		inch											
SWC10016		-0.04		-0.00157											
						Cir Clip		REMARKS: Measure for CYL Clearance:	5.00 mm		from Bottom of Skirt.				
						NONE	SURFACE TREATMENT								
							Anodized Head								
						J05	Moly Skirt								
PAGE #		169		187											
11-862	6	86.700	54.00	30.40	-	0.80	1.20	60.00	YELLOW:	86.6905	86.9405	87.1905	87.4405	87.6905	
		3.413	2.126	1.197			0.047			2.362	3.41301	3.42285	3.43270	3.44254	3.45238
PISTON RING #		Total Clearance													
		mm		inch											
SWG30037		-0.03		-0.00118											
						Cir Clip		REMARKS: Measure for CYL Clearance:	6.00 mm		from Bottom of Skirt.				
						NONE	SURFACE TREATMENT								
							NONE								
						J05	NONE								
PAGE #		35													
11-863	6	93.000	53.60	31.70	-	2.30	1.50	67.50	RED:						
		3.661	2.110	1.248			0.059			2.657	92.9600	93.2100	93.4600	93.7100	93.9600
PISTON RING #		Total Clearance													
		mm		inch											
SWC10002		-0.04		-0.00157											
						Cir Clip		REMARKS: Measure for CYL Clearance:	7.00 mm		from Bottom of Skirt.				
						NONE	SURFACE TREATMENT								
							NONE								
						T03	Moly Skirt								
PAGE #		41		271											
11-864	6	96.000	54.10	32.30	-	2.30	1.20	71.50	RED:						
		3.780	2.130	1.272			0.047			2.815	95.9600	96.2100	96.4600	96.7100	96.9600
PISTON RING #		Total Clearance													
		mm		inch											
SWC10015		-0.04		-0.00157											
						Cir Clip		REMARKS: Measure for CYL Clearance:	6.50 mm		from Bottom of Skirt.				
						NONE	SURFACE TREATMENT								
							NONE								
						T03	Moly Skirt								
PAGE #															
11-865	6	99.500	59.00	31.00	+	4.00	1.50	71.00	YELLOW:	99.5405	99.7905	100.0405	100.2905	100.5405	
		3.917	2.323	1.220			0.059			2.795	3.91892	3.92876	3.93860	3.94844	3.95829
PISTON RING #		Total Clearance													
		mm		inch											
SWC10016		-0.04		-0.00157											
						Cir Clip		REMARKS: Measure for CYL Clearance:	5.00 mm		from Bottom of Skirt.				
						NONE	SURFACE TREATMENT								
							NONE								
						J05	Moly Skirt								

PISTON BUYER'S GUIDE

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NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	PIN LENGTH DIA. mm	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)	
		BORE	LENGTH	COMP.	+	DIST.	2ND			mm	mm	mm	mm	mm	
		inch	inch	inch	-	inch	OIL1			inch	inch	inch	inch	inch	
PAGE # 59															
11-865	4	84.800	54.20	29.40	+	0.80	1.50	59.00	RED:						
		3.339	2.134	1.157		0.031	0.059	2.323							
PISTON RING #		Total Clearance						1.75	SWF30005	84.7700	85.0200	85.2700	85.5200	85.7700	
		mm		inch				0.069		3.33740	3.34724	3.35709	3.36693	3.37677	
		-0.03		-0.00118				3.00							
								0.118	20.00						
									0.787	GREEN:	84.7900	85.0400	85.2900	85.5400	85.7900
										3.33819	3.34803	3.35787	3.36772	3.37756	

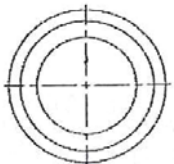
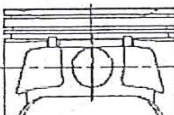
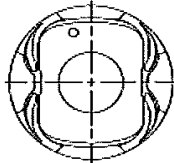
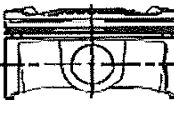
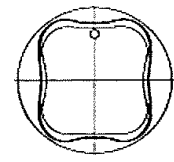
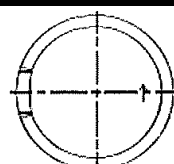
PISTON BUYER'S GUIDE

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NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)		
		BORE	LENGTH	COMP.	+	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm		
		mm	mm	mm	mm	mm	OIL1	DIA.		inch	inch	inch	inch	inch		
		PAGE #	223								79.970	Tolerance is + / - (mm inch) :			0.01	0.00039
11-869	4	80.000	53.70	29.10	-	4.70	1.20	51.50	RED:							
		3.150	2.114	1.146		0.185	0.047	2.028								
PISTON RING #		Total Clearance							GREEN:	79.9600	80.2100	80.4600	80.7100	80.9600		
		mm	inch							3.14803	3.15787	3.16772	3.17756	3.18740		
SWN30142		-0.03	-0.00118					19.00		79.9800	80.2300	80.4800	80.7300	80.9800		
								0.748		3.14882	3.15866	3.16850	3.17835	3.18819		
 						Cir Clip		REMARKS: Measure for CYL 12.50 mm from Bottom of Skirt. Clearance: 0.492 inch	CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.							
							SURFACE TREATMENT									
						Anodized Head										
						T03	NONE									
		PAGE #	193	263						93.970	Tolerance is + / - (mm inch) :			0.01	0.00039	
11-870	6	94.000	52.50	31.30	+	2.10	1.20	56.00	RED:							
		3.701	2.067	1.232		0.083	0.047	2.205								
PISTON RING #		Total Clearance							GREEN:	93.9600	94.2100	94.4600	94.7100	94.9600		
		mm	inch							3.69921	3.70906	3.71890	3.72874	3.73858		
SDT10194		-0.03	-0.00118					22.00		93.9800	94.2300	94.4800	94.7300	94.9800		
								0.866		3.70000	3.70984	3.71969	3.72953	3.73937		
 						Cir Clip		REMARKS: Measure for CYL 5.50 mm from Bottom of Skirt. Clearance: 0.217 inch	CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.							
							SURFACE TREATMENT									
						Anodized Head										
						T03	Moly Skirt									
		PAGE #	263						93.970	Tolerance is + / - (mm inch) :			0.01	0.00039		
11-871	6	94.000	56.50	32.70	+	2.80	1.20	62.00	RED:							
		3.701	2.224	1.287		0.110	0.047	2.441								
PISTON RING #		Total Clearance							GREEN:	93.9600	94.2100	94.4600	94.7100	94.9600		
		mm	inch							3.69921	3.70906	3.71890	3.72874	3.73858		
SWT10195		-0.03	-0.00118					22.00		93.9800	94.2300	94.4800	94.7300	94.9800		
								0.866		3.70000	3.70984	3.71969	3.72953	3.73937		
 						Cir Clip		REMARKS: Measure for CYL 8.00 mm from Bottom of Skirt. Clearance: 0.315 inch	CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.							
							SURFACE TREATMENT									
						Anodized Head										
						C17	Moly Skirt									
		PAGE #	9	269						80.980	Tolerance is + / - (mm inch) :			0.01	0.00039	
11-872	4	81.000	53.70	32.70	-	1.90	1.50	50.00	RED:							
		3.189	2.114	1.287		0.075	0.059	1.969								
PISTON RING #		Total Clearance							GREEN:	80.9700	81.2200	81.4700	81.7200	81.9700		
		mm	inch							3.18780	3.19764	3.20748	3.21732	3.22717		
SWE50744		-0.03	-0.00118					19.00		80.9900	81.2400	81.4900	81.7400	81.9900		
								0.748		3.18858	3.19843	3.20827	3.21811	3.22795		
 						Cir Clip		REMARKS: Measure for CYL 8.00 mm from Bottom of Skirt. Clearance: 0.315 inch	CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.							
							SURFACE TREATMENT									
						Anodized Head										
						J05	Moly Skirt									

PISTON BUYER'S GUIDE

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NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN LENGTH DIA. mm	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)			
		BORE mm inch	LENGTH mm inch	COMP. mm inch	+ DIST. mm inch	2ND			mm	mm	mm	mm	mm			
						OIL1			inch	inch	inch	inch	inch	inch	inch	inch
						OIL2			inch	inch	inch	inch	inch	inch	inch	inch
PAGE #		47														
11-873	8	99.500	58.70	30.70	+	4.00	1.50	YELLOW:	99.4805	99.7305	99.9805	100.2305	100.4805			
		3.917	2.311	1.209		0.157	0.059		3.91656	3.92640	3.93624	3.94608	3.95593			
PISTON RING #		Total Clearance						WHITE:	99.4725	99.7225	99.9725	100.2225	100.4725			
		mm	inch						3.91624	3.92608	3.93593	3.94577	3.95561			
SWC10016		-0.03	-0.00118					BLUE:	99.4595	99.7095	99.9595	100.2095	100.4595			
									3.91573	3.92557	3.93541	3.94526	3.95510			
						Cir Clip		GREEN:	99.4675	99.7175	99.9675	100.2175	100.4675			
									3.91604	3.92589	3.93573	3.94557	3.95541			
						NONE		REMARKS:								
								Measure for CYL								
						SURFACE TREATMENT		6.00 mm from Bottom of Skirt.								
						Anodized Head		Clearance: 0.236 inch								
						J05		Moly Skirt								
								CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.								
PAGE #		67														
11-874	6	89.000	64.80	40.80	+	1.80	1.50	YELLOW:	88.9805	89.2305	89.4805	89.7305	89.9805			
		3.504	2.551	1.606		0.071	0.059		3.50317	3.51301	3.52285	3.53270	3.54254			
PISTON RING #		Total Clearance						WHITE:	88.9725	89.2225	89.4725	89.7225	89.9725			
		mm	inch						3.50285	3.51270	3.52254	3.53238	3.54222			
SWF30016		-0.03	-0.00118					BLUE:	88.9595	89.2095	89.4595	89.7095	89.9595			
									3.50234	3.51219	3.52203	3.53187	3.54171			
						Cir Clip		GREEN:	88.9675	89.2175	89.4675	89.7175	89.9675			
									3.50266	3.51250	3.52234	3.53219	3.54203			
						NONE		REMARKS:								
								Measure for CYL								
						SURFACE TREATMENT		11.00 mm from Bottom of Skirt.								
						NONE		Clearance: 0.433 inch								
						J05		Moly Skirt								
								CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.								
PAGE #		37														
11-875	6	96.000	62.20	38.20	-	0.60	1.20	RED:								
		3.780	2.449	1.504		0.024	0.047									
PISTON RING #		Total Clearance						GREEN:								
		mm	inch													
SWC10013		-0.03	-0.00118					REMARKS:								
						Cir Clip		Measure for CYL								
								9.00 mm from Bottom of Skirt.								
						SURFACE TREATMENT		CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.								
						T03										
PAGE #		223														
11-876	4	80.000	53.70	29.20	-	4.80	1.20	YELLOW:	79.9730	80.2230	80.4730	80.7230	80.9730			
		3.150	2.114	1.150		0.189	0.047		3.14854	3.15839	3.16823	3.17807	3.18791			
PISTON RING #		Total Clearance						RED:	79.9865	80.2365	80.4865	80.7365	80.9865			
		mm	inch						3.14907	3.15892	3.16876	3.17860	3.18844			
SWN30142		-0.03	-0.00118					BLUE:	79.9795	80.2295	80.4795	80.7295	80.9795			
									3.14880	3.15864	3.16848	3.17833	3.18817			
						Cir Clip		REMARKS:								
								Measure for CYL								
						SURFACE TREATMENT		10.00 mm from Bottom of Skirt.								
								Anodized Ring Land		Clearance: 0.394 inch						
						T01		CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.								

PISTON BUYER'S GUIDE

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NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	PIN LENGTH	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)	
		BORE	LENGTH	COMP.	+	DIST.	2ND			mm	mm	mm	mm	mm	
		inch	inch	inch	-	inch	OIL1			inch	inch	inch	inch	inch	
		PAGE #		233						95.470 Tolerance is + / - (mm inch) : 0.003 0.00012					
11-878	6	95.500	55.10	31.60	~	3.00	1.20	58.00	YELLOW:	95.4630	95.7130	95.9630	96.2130	96.4630	
		3.760	2.169	1.244		0.118	0.047	2.283		3.75839	3.76823	3.77807	3.78791	3.79776	
PISTON RING #		Total Clearance						1.20	RED:	95.4765	95.7265	95.9765	96.2265	96.4765	
		mm		inch				0.047		3.75892	3.76876	3.77860	3.78844	3.79829	
SWN30131		-0.03		-0.00118				2.50		95.4695	95.7195	95.9695	96.2195	96.4695	
								0.098	0.866	3.75864	3.76848	3.77833	3.78817	3.79801	
						Cir Clip			SURFACE TREATMENT	REMARKS:					
										Anodized Head	Measure for CYL 6.00 mm from Bottom of Skirt.				
						T01		Moly Skirt		CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
PAGE #		175		233						97.970 Tolerance is + / - (mm inch) : 0.01 0.00039					
11-879	8	98.000	52.00	31.60	~	4.20	1.50	59.60	RED:						
		3.858	2.047	1.244		0.165	0.059	2.346		97.9600	98.2100	98.4600	98.7100	98.9600	
PISTON RING #		Total Clearance						1.50	GREEN:						
		mm		inch				0.059		97.9669	98.2169	98.4669	98.7169	98.9669	
SWN30149		-0.03		-0.00118				2.50							
								0.098	0.866	97.9800	98.2300	98.4800	98.7300	98.9800	
										3.85748	3.86732	3.87717	3.88701	3.89685	
						Cir Clip			SURFACE TREATMENT	REMARKS:					
										Anodized Head	Measure for CYL 6.00 mm from Bottom of Skirt.				
						T03		Moly Skirt		CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
PAGE #		261								95.000 Tolerance is + / - (mm inch) : 0.0025 0.00010					
11-880	4	95.000	59.30	39.30	-	8.60	1.20	62.00	YELLOW:	94.9775	95.2275	95.4775	95.7275	95.9775	
		3.740	2.335	1.547		0.339	0.047	2.441		3.73927	3.74911	3.75896	3.76880	3.77864	
PISTON RING #		Total Clearance						1.20	RED:	94.9675	95.2175	95.4675	95.7175	95.9675	
		mm		inch				0.177		0.047	3.73888	3.74872	3.75856	3.76841	3.77825
SDT10193		-0.03		-0.00118				2.22		94.9625	95.2125	95.4625	95.7125	95.9625	
								0.087	0.079	3.73868	3.74852	3.75837	3.76821	3.77805	
										94.9725	95.2225	95.4725	95.7225	95.9725	
										3.73907	3.74892	3.75876	3.76860	3.77844	
						Cir Clip			SURFACE TREATMENT	REMARKS:					
										Anodized Head	Measure for CYL 10.00 mm from Bottom of Skirt.				
						C17		Moly Skirt		CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
PAGE #		227		249						88.970 Tolerance is + / - (mm inch) : 0.01 0.00039					
11-881	4	89.000	61.50	32.90	+	5.90	1.20	57.00	RED:						
		3.504	2.421	1.295		0.232	0.047	2.244		88.9600	89.2100	89.4600	89.7100	89.9600	
PISTON RING #		Total Clearance						1.20	GREEN:	88.9600	89.2100	89.4600	89.7100	89.9600	
		mm		inch				0.047		3.50236	3.51220	3.52205	3.53189	3.54173	
TBA		-0.03		-0.00118				2.50							
								0.098	0.787						
										88.9800	89.2300	89.4800	89.7300	89.9800	
										3.50315	3.51299	3.52283	3.53268	3.54252	
						Cir Clip			SURFACE TREATMENT	REMARKS:					
										Anodized Ring Land	Measure for CYL 9.50 mm from Bottom of Skirt.				
						T01		Moly Skirt		CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					

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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT										PISTON DIAMETER MEASURING POINT EXPLANATION														
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	PIN LENGTH DIA. mm	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)										
		BORE mm inch	LENGTH mm inch	COMP. mm inch	+ mm inch	DIST. mm inch	2ND			mm	mm	mm	mm	mm										
							OIL1			inch	inch	inch	inch											
							OIL2			mm	mm	mm	mm											
PAGE #		85								98.200		Tolerance is + / - (mm inch) :		0.0025		0.00010								
11-886	8	98.200	78.90	52.15	-	15.95	2.50	75.00	YELLOW:	98.1775	98.4275	98.6775	98.9275	99.1775										
		3.866	3.106	2.053		0.628	0.098	2.953		3.86526	3.87510	3.88494	3.89478	3.90463										
		PISTON RING #		Total Clearance						RED:	98.1675	98.4175	98.6675	98.9175	99.1675									
SDF30022			mm											3.86486	3.87470	3.88455	3.89439	3.90423						
			inch							BLUE:	98.1625	98.4125	98.6625	98.9125	99.1625									
			-0.06		-0.00236						3.86467	3.87451	3.88435	3.89419	3.90404									
										GREEN:	98.1725	98.4225	98.6725	98.9225	99.1725									
											3.86506	3.87490	3.88474	3.89459	3.90443									
										REMARKS:	Measure for CYL		15.00 mm		from Bottom of									
											Clearance:		0.591 inch		Skirt.									
																	CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.							
PAGE #		113								91.960		Tolerance is + / - (mm inch) :		0.0045		0.00018								
11-887	6	92.000	50.60	30.60	-	5.50	1.20	60.00	YELLOW:	91.9705	92.2205	92.4705	92.7205	92.9705										
		3.622	1.992	1.205		0.217	0.047	2.362		3.62089	3.63073	3.64057	3.65041	3.66026										
		PISTON RING #		Total Clearance						WHITE:	91.9625	92.2125	92.4625	92.7125	92.9625									
SWG10001			mm								3.62057	3.63041	3.64026	3.65010	3.65994									
			inch							BLUE:	91.9495	92.1995	92.4495	92.6995	92.9495									
			-0.04		-0.00157						3.62006	3.62990	3.63974	3.64959	3.65943									
										GREEN:	91.9575	92.2075	92.4575	92.7075	92.9575									
											3.62037	3.63022	3.64006	3.64990	3.65974									
										REMARKS:	Measure for CYL		15.00 mm		from Bottom of									
											Clearance:		0.591 inch		Skirt.									
																	CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.							
PAGE #		119		121						96.470		Tolerance is + / - (mm inch) :		0.0045		0.00018								
11-888	6	96.520	53.30	27.40	-	1.30	1.20	65.50	YELLOW:	96.4750	96.7250	96.9750	97.2250	97.4750										
		3.800	2.098	1.079		0.051	0.047	2.579		3.79823	3.80807	3.81791	3.82776	3.83760										
		PISTON RING #		Total Clearance						WHITE:	96.4725	96.7225	96.9725	97.2225	97.4725									
SWG10003			mm								3.79813	3.80797	3.81781	3.82766	3.83750									
			inch							BLUE:	96.4650	96.7150	96.9650	97.2150	97.4650									
			-0.03		-0.00118						3.79783	3.80768	3.81752	3.82736	3.83720									
										GREEN:	96.4675	96.7175	96.9675	97.2175	97.4675									
											3.79793	3.80778	3.81762	3.82746	3.83730									
										REMARKS:	Measure for CYL		12.00 mm		from Bottom of									
											Clearance:		0.472 inch		Skirt.									
																	CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.							
PAGE #		143								101.400		Tolerance is + / - (mm inch) :		0.0045		0.00018								
11-889	8	101.600	57.90	33.90	-	1.40	1.20	65.00	YELLOW:	101.4050	101.6550	101.9050	102.1550	102.4050										
		4.000	2.280	1.335		0.055	0.047	2.559		3.99232	4.00217	4.01201	4.02185	4.03169										
		PISTON RING #		Total Clearance						WHITE:	101.4025	101.6525	101.9025	102.1525	102.4025									
SWG10031			mm								3.99222	4.00207	4.01191	4.02175	4.03159									
			inch							BLUE:	101.3950	101.6450	101.8950	102.1450	102.3950									
			-0.03		-0.00118						3.99193	4.00177	4.01161	4.02146	4.03130									
										GREEN:	101.3975	101.6475	101.8975	102.1475	102.3975									
											3.99203	4.00187	4.01171	4.02156	4.03140									
										REMARKS:	Measure for CYL		13.00 mm		from Bottom of									
											Clearance:		0.512 inch		Skirt.									
																	CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.							

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION								
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN LENGTH DIA. mm	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)			
		BORE	LENGTH	COMP.	+	DIST.			2ND	mm	mm	mm	mm	mm		
		inch	inch	inch	-	inch			OIL1	inch	inch	inch	inch	inch		
PAGE #		159						72.980	Tolerance is + / - (mm inch) : 0.0045 0.00018							
11-890	4	73.000	49.40	26.20	+	1.70	1.00	54.00	YELLOW:	72.9850	73.2350	73.4850	73.7350	73.9850		
		2.874	1.945	1.031		0.067	0.039	2.126		2.87343	2.88327	2.89311	2.90295	2.91280		
PISTON RING #		Total Clearance						1.20	WHITE:	72.9825	73.2325	73.4825	73.7325	73.9825		
		mm		inch				0.047		2.87333	2.88317	2.89301	2.90285	2.91270		
TBA		-0.02		-0.00079				2.00	BLUE:	72.9750	73.2250	73.4750	73.7250	73.9750		
								0.079		2.87303	2.88287	2.89272	2.90256	2.91240		
									GREEN:	72.9775	73.2275	73.4775	73.7275	73.9775		
										2.87313	2.88297	2.89281	2.90266	2.91250		
									REMARKS:							
									Measure for CYL 6.00 mm from Bottom of Skirt.							
									Clearance: 0.236 inch							
									CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.							
PAGE #		161							80.980	Tolerance is + / - (mm inch) : 0.003 0.00012						
11-891	4	81.000	49.40	28.88	-	2.00	1.20	46.00	YELLOW:	80.9730	81.2230	81.4730	81.7230	81.9730		
		3.189	1.945	1.137		0.079	0.047	1.811		3.18791	3.19776	3.20760	3.21744	3.22728		
PISTON RING #		Total Clearance						1.20	RED:	80.9865	81.2365	81.4865	81.7365	81.9865		
		mm		inch				0.047		3.18844	3.19829	3.20813	3.21797	3.22781		
SWH30484		-0.02		-0.00079				2.00	BLUE:	80.9795	81.2295	81.4795	81.7295	81.9795		
								0.079		3.18817	3.19801	3.20785	3.21770	3.22754		
									REMARKS:							
									Measure for CYL 6.00 mm from Bottom of Skirt.							
									Clearance: 0.236 inch							
									CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.							
PAGE #		169 187							86.680	Tolerance is + / - (mm inch) : 0.003 0.00012						
11-892	6	86.700	54.00	30.50	-	0.60	1.20	59.00	YELLOW:	86.6730	86.9230	87.1730	87.4230	87.6730		
		3.413	2.126	1.201		0.024	0.047	2.323		3.41232	3.42217	3.43201	3.44185	3.45169		
PISTON RING #		Total Clearance						1.20	RED:	86.6865	86.9365	87.1865	87.4365	87.6865		
		mm		inch				0.047		3.41285	3.42270	3.43254	3.44238	3.45222		
SWG30045		-0.02		-0.00079				2.00	BLUE:	86.6795	86.9295	87.1795	87.4295	87.6795		
								0.079		3.41258	3.42242	3.43226	3.44211	3.45195		
									REMARKS:							
									Measure for CYL 5.00 mm from Bottom of Skirt.							
									Clearance: 0.197 inch							
									CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.							
PAGE #		223							77.970	Tolerance is + / - (mm inch) : 0.003 0.00012						
11-893	4	78.000	46.80	28.50	-	4.50	1.20	53.50	YELLOW:	77.9630	78.2130	78.4630	78.7130	78.9630		
		3.071	1.843	1.122		0.177	0.047	2.106		3.06941	3.07925	3.08909	3.09894	3.10878		
PISTON RING #		Total Clearance						1.20	RED:	77.9765	78.2265	78.4765	78.7265	78.9765		
		mm		inch				0.047		3.06994	3.07978	3.08963	3.09947	3.10931		
SWN30196		-0.03		-0.00118				2.00	BLUE:	77.9695	78.2195	78.4695	78.7195	78.9695		
								0.079		3.06967	3.07951	3.08935	3.09919	3.10904		
									REMARKS:							
									Measure for CYL 8.00 mm from Bottom of Skirt.							
									Clearance: 0.315 inch							
									CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.							

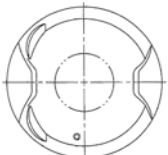
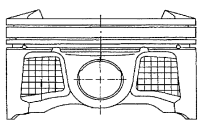
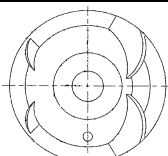
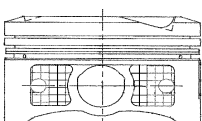
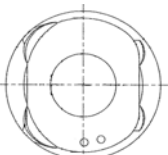
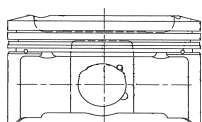
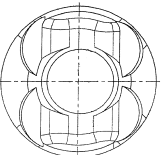
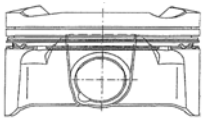
PISTON BUYER'S GUIDE

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Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION							
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN LENGTH DIA. mm	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)		
		BORE	LENGTH	COMP.	+	DIST.			2ND	mm	mm	mm	mm	mm	
		inch	inch	inch	-	inch			OIL1	inch	inch	inch	inch	inch	
PAGE #		227				89.000 Tolerance is + / - (mm inch) : 0.0025 0.00010									
11-894	4	89.000	53.50	32.40	~	6.60	1.20	57.00	YELLOW:	88.9775	89.2275	89.4775	89.7275	89.9775	
		3.504	2.106	1.276		0.260	0.047			2.244	3.50305	3.51289	3.52274	3.53258	3.54242
		PISTON RING #		Total Clearance						1.20	20.00	RED:	88.9675	89.2175	89.4675
		mm	inch			0.047	3.50266	3.51250	3.52234	3.53219			3.54203		
SWN30189		-0.03 -0.00118				2.00	0.079	0.787	BLUE:	88.9625	89.2125	89.4625	89.7125	89.9625	
										3.50246	3.51230	3.52215	3.53199	3.54183	
 						Cir Clip		REMARKS:	Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch						
							SURFACE TREATMENT								
						C17	Anodized Head		CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.						
PAGE #		253				Tolerance is + / - (mm inch) : 0.0045 0.00018									
11-895	4	75.000	49.50	30.70	~	3.30	1.20	53.00	YELLOW:	0.0050	0.2550	0.5050	0.7550	1.0050	
		2.953	1.949	1.209		0.130	0.047			2.087	0.00020	0.01004	0.01988	0.02972	0.03957
		PISTON RING #		Total Clearance						1.20	18.00	WHITE:	0.0025	0.2525	0.5025
		mm	inch			0.047	0.00010	0.00994	0.01978	0.02963			0.03947		
SDT10222		-0.02 -0.00079				2.00	0.079	0.709	BLUE:	-0.0050	0.2450	0.4950	0.7450	0.9950	
										-0.00020	0.00965	0.01949	0.02933	0.03917	
 						Cir Clip		REMARKS:	Measure for CYL mm from Bottom of Skirt. Clearance:						
						NONE	SURFACE TREATMENT								
						T01	NONE		CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.						
PAGE #		237 259				88.470 Tolerance is + / - (mm inch) : 0.003 0.00012									
11-896	4	88.500	55.80	35.80	-	7.80	1.00	56.00	YELLOW:	88.4630	88.7130	88.9630	89.2130	89.4630	
		3.484	2.197	1.409		0.307	0.039			2.205	3.48280	3.49264	3.50248	3.51232	3.52217
		PISTON RING #		Total Clearance						1.00	22.00	RED:	88.4765	88.7265	88.9765
		mm	inch			0.039	3.48333	3.49317	3.50301	3.51285			3.52270		
SDT10200		-0.03 -0.00118				2.00	0.079	0.866	BLUE:	88.4695	88.7195	88.9695	89.2195	89.4695	
										3.48305	3.49289	3.50274	3.51258	3.52242	
 						Cir Clip		REMARKS:	Measure for CYL 6.00 mm from Bottom of Skirt. Clearance: 0.236 inch						
							SURFACE TREATMENT								
						T01	Moly Skirt		CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.						
PAGE #		237 259				89.000 Tolerance is + / - (mm inch) : 0.0025 0.00010									
11-897	4	90.000	53.30	34.80	+	3.70	1.00	56.00	YELLOW:	88.9775	89.2275	89.4775	89.7275	89.9775	
		3.543	2.098	1.370		0.146	0.039			2.205	3.50305	3.51289	3.52274	3.53258	3.54242
		PISTON RING #		Total Clearance						1.00	22.00	RED:	88.9675	89.2175	89.4675
		mm	inch			0.173	0.039	3.50266	3.51250	3.52234			3.53219	3.54203	
SDT09000		-0.03 -0.00118				2.00	0.079	0.866	BLUE:	88.9625	89.2125	89.4625	89.7125	89.9625	
										3.50246	3.51230	3.52215	3.53199	3.54183	
 						Cir Clip		REMARKS:	Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch						
							SURFACE TREATMENT								
						C17	Moly Skirt		CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.						

PISTON BUYER'S GUIDE

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NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	PIN LENGTH DIA. mm	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)	
		BORE mm inch	LENGTH mm inch	COMP. mm inch	+ - mm inch	DIST. mm inch	2ND			mm	mm	mm	mm	mm	
							OIL1			inch	inch	inch	inch		
							OIL2			mm	mm	mm	mm		
PAGE #		201						87.500		Tolerance is + / - (mm inch) : 0.0025 0.00010					
11-898	4	87.500	51.00	28.50	-	2.00	1.20	60.00	YELLOW:	87.4775	87.7275	87.9775	88.2275	88.4775	
		3.445	2.008	1.122		0.079	0.047	2.362		3.44400	3.45384	3.46368	3.47352	3.48337	
		PISTON RING #		Total Clearance						1.20	RED:	87.4675	87.7175	87.9675	88.2175
		mm inch						0.047	3.44360	3.45344		3.46329	3.47313	3.48297	
SWT20089		-0.03 -0.00118						2.50	BLUE:	87.4625	87.7125	87.9625	88.2125	88.4625	
								0.098		3.44341	3.45325	3.46309	3.47293	3.48278	
								21.00	GREEN:	87.4725	87.7225	87.9725	88.2225	88.4725	
								0.827		3.44380	3.45364	3.46348	3.47333	3.48317	
						Cir Clip			REMARKS: Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch						
						NONE		SURFACE TREATMENT							
						C17		Anodized Head							
								Moly Skirt		CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
PAGE #		127		135		235		95.980		Tolerance is + / - (mm inch) : 0.0045 0.00018					
11-899	8	96.000	59.30	33.60			1.50	65.00	YELLOW:	95.9850	96.2350	96.4850	96.7350	96.9850	
		3.780	2.335	1.323		0.059	2.559	3.77894		3.78878	3.79862	3.80846	3.81831		
		PISTON RING #		Total Clearance						1.50	WHITE:	95.9825	96.2325	96.4825	96.7325
		mm inch						0.059	3.77884	3.78868		3.79852	3.80837	3.81821	
SWG10005		-0.02 -0.00079						3.00	BLUE:	95.9750	96.2250	96.4750	96.7250	96.9750	
								0.118		3.77854	3.78839	3.79823	3.80807	3.81791	
									GREEN:	95.9775	96.2275	96.4775	96.7275	96.9775	
										3.77864	3.78848	3.79833	3.80817	3.81801	
						Cir Clip			REMARKS: Measure for CYL 16.00 mm from Bottom of Skirt. Clearance: 0.630 inch						
						NONE		SURFACE TREATMENT							
						J05		Anodized Head							
								Moly Skirt		CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
PAGE #		127		133		135		95.980		Tolerance is + / - (mm inch) : 0.0045 0.00018					
11-900	8	96.000	64.80	33.60	-	1.80	1.50	63.50	YELLOW:	95.9850	96.2350	96.4850	96.7350	96.9850	
		3.780	2.551	1.323		0.071	0.059	2.500		3.77894	3.78878	3.79862	3.80846	3.81831	
		PISTON RING #		Total Clearance						1.50	WHITE:	95.9825	96.2325	96.4825	96.7325
		mm inch						0.059	3.77884	3.78868		3.79852	3.80837	3.81821	
SWG10005		-0.02 -0.00079						3.00	BLUE:	95.9750	96.2250	96.4750	96.7250	96.9750	
								0.118		3.77854	3.78839	3.79823	3.80807	3.81791	
									GREEN:	95.9775	96.2275	96.4775	96.7275	96.9775	
										3.77864	3.78848	3.79833	3.80817	3.81801	
						Cir Clip			REMARKS: Measure for CYL 25.00 mm from Bottom of Skirt. Clearance: 0.984 inch						
						NONE		SURFACE TREATMENT							
						J05		Anodized Head							
								Moly Skirt		CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
PAGE #		167		185				81.980		Tolerance is + / - (mm inch) : 0.003 0.00012					
11-901	4	82.000	57.90	31.10	+	0.30	1.20	59.00	YELLOW:	81.9730	82.2230	82.4730	82.7230	82.9730	
		3.228	2.280	1.224		0.012	0.047	2.323		3.22728	3.23713	3.24697	3.25681	3.26665	
		PISTON RING #		Total Clearance						1.20	RED:	81.9865	82.2365	82.4865	82.7365
		mm inch						0.047	3.22781	3.23766		3.24750	3.25734	3.26719	
SWG30054		-0.03 -0.00118						2.00	BLUE:	81.9795	82.2295	82.4795	82.7295	82.9795	
								0.079		3.22754	3.23738	3.24722	3.25707	3.26691	
						Cir Clip			REMARKS: Measure for CYL 5.00 mm from Bottom of Skirt. Clearance: 0.197 inch						
						NONE		SURFACE TREATMENT							
						T01		NONE							
								Graphite Skirt		CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					