

MACHINED CHROME RODS

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- One end machined to fit standard pistons - One end supplied blank for modification by customer (custom mount)

FEATURES:

- Steel Bar: 1045 steel bar, 75,000 psi minimum yield strength
- Shaft diameter is turned, ground, polished, induction hardened and chrome plated
- Surface Hardness: Induction hardened to Rc 50 minimum
Case Depth: 0.050" minimum per SAE J423
- Plate Thickness: 0.001" minimum hard chrome-plated
- Hardness of Chrome Plate: Rc 68-72
- Surface Finish: 12 RMS maximum
- Packaging: Individually cardboard tube wrapped, inside hard plastic tubing
- Salt Spray Test: 48 hours minimum per ASTM B117
- Machined on one end to accommodate standard Hercules pistons
Piston styles: IT, ITW, TH, and TM
- One end square cut to be modified, per application, by customer

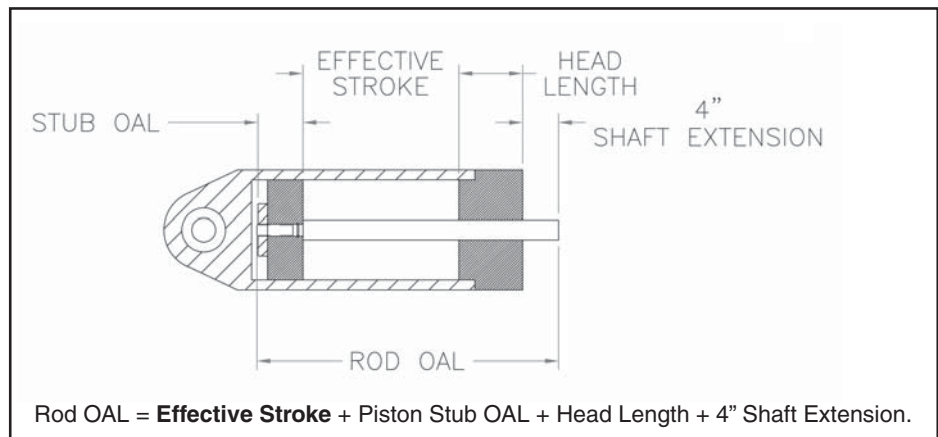
SELECTION CHART OVERVIEW

Rod Dia	Stub Dia	Part # 12" Nominal Stroke* (24" OAL)	List \$	Part # 24" Nominal Stroke* (36" OAL)	List \$	Part # 36" Nominal Stroke* (48" OAL)	List \$	Part # 48" Nominal Stroke* (60" OAL)	List \$	Part # 60" Nominal Stroke (72" OAL)	List \$
0.750	0.625	CR75I-0.75X24-0.62	60.74	CR75I-0.75X36-0.62	88.62	CR75I-0.75X48-0.62	116.45	N/A	N/A	N/A	N/A
1.000	0.750	CR75I-1.00X24-0.75	75.01	CR75I-1.00X36-0.75	108.89	CR75I-1.00X48-0.75	142.73	CR75I-1.00X60-0.75	176.61	N/A	N/A
1.125	0.750	CR75I-1.12X24-0.75	82.08	CR75I-1.12X36-0.75	119.61	CR75I-1.12X48-0.75	159.14	CR75I-1.12X60-0.75	196.62	CR75I-1.12X72-0.75	234.15
1.250	0.750	CR75I-1.25X24-0.75	90.17	CR75I-1.25X36-0.75	131.84	CR75I-1.25X48-0.75	173.50	CR75I-1.25X60-0.75	215.21	CR75I-1.25X72-0.75	257.05
1.500	0.750	CR75I-1.50X24-0.75	118.50	CR75I-1.50X36-0.75	173.50	CR75I-1.50X48-0.75	230.15	CR75I-1.50X60-0.75	285.15	CR75I-1.50X72-0.75	340.33
1.500	1.000	CR75I-1.50X24-1.00	118.50	CR75I-1.50X36-1.00	173.50	CR75I-1.50X48-1.00	230.15	CR75I-1.50X60-1.00	285.15	CR75I-1.50X72-1.00	340.33
1.750	1.000	CR75I-1.75X24-1.00	157.09	CR75I-1.75X36-1.00	230.37	CR75I-1.75X48-1.00	305.11	CR75I-1.75X60-1.00	376.70	CR75I-1.75X72-1.00	449.89
2.000	1.000	CR75I-2.00X24-1.00	162.52	CR75I-2.00X36-1.00	239.97	CR75I-2.00X48-1.00	316.01	CR75I-2.00X60-1.00	393.42	CR75I-2.00X72-1.00	469.54
2.000	1.250	CR75I-2.00X24-1.25	162.52	CR75I-2.00X36-1.25	239.97	CR75I-2.00X48-1.25	316.01	CR75I-2.00X60-1.25	393.42	CR75I-2.00X72-1.25	469.54
2.500	1.250	CR75I-2.50X24-1.25	230.24	CR75I-2.50X36-1.25	339.84	CR75I-2.50X48-1.25	449.40	CR75I-2.50X60-1.25	558.87	CR75I-2.50X72-1.25	667.19
3.000	1.250	CR75I-3.00X24-1.25	312.41	CR75I-3.00X36-1.25	461.41	CR75I-3.00X48-1.25	610.45	CR75I-3.00X60-1.25	759.49	CR75I-3.00X72-1.25	908.45

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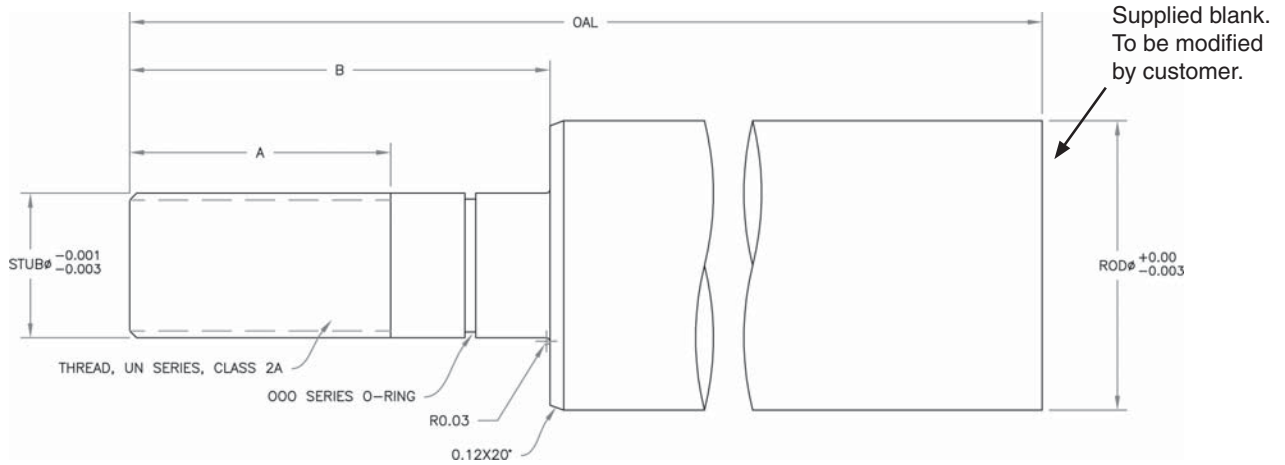
EFFECTIVE STROKE CALCULATION

* Stroke length is dependent upon selection of piston and head type. See following pages for more details.



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PISTON STUB SHAFT DETAIL

Part Number	Rod Dia	Thread	Stub Dia	Thread Length A	Stub Length B	12" Nom Stroke OAL	24" Nom Stroke OAL	36" Nom Stroke OAL	48" Nom Stroke OAL	60" Nom Stroke OAL
CR75I-0.75X(OAL)-0.62	0.750	5/8"-18 UNF	0.625	1.255	2.005	24.00	36.00	48.00	N/A	N/A
CR75I-1.00X(OAL)-0.75	1.000	3/4"-16 UNF	0.750	1.630	2.505	24.00	36.00	48.00	60.00	N/A
CR75I-1.12X(OAL)-0.75	1.125	3/4"-16 UNF	0.750	1.630	2.505	24.00	36.00	48.00	60.00	72.00
CR75I-1.25X(OAL)-0.75	1.250	3/4"-16 UNF	0.750	2.255	2.880	24.00	36.00	48.00	60.00	72.00
CR75I-1.50X(OAL)-0.75	1.500	3/4"-16 UNF	0.750	2.255	2.880	24.00	36.00	48.00	60.00	72.00
CR75I-1.50X(OAL)-1.00	1.500	1"-14 UNS	1.000	2.690	3.185	24.00	36.00	48.00	60.00	72.00
CR75I-1.75X(OAL)-1.00	1.750	1"-14 UNS	1.000	2.690	3.185	24.00	36.00	48.00	60.00	72.00
CR75I-2.00X(OAL)-1.00	2.000	1"-14 UNS	1.000	2.690	3.185	24.00	36.00	48.00	60.00	72.00
CR75I-2.00X(OAL)-1.25	2.000	1-1/4"-12 UNF	1.250	2.255	3.630	24.00	36.00	48.00	60.00	72.00
CR75I-2.50X(OAL)-1.25	2.500	1-1/4"-12 UNF	1.250	2.255	3.630	24.00	36.00	48.00	60.00	72.00
CR75I-3.00X(OAL)-1.25	3.000	1-1/4"-12 UNF	1.250	2.255	3.630	24.00	36.00	48.00	60.00	72.00

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Rod Dia	Rod Part #	Thread	Nut Part #		Stub OAL	Thread Lgth	Nut Lgth		
0.75	CR75I-0.75X**-0.62	5/8"-18 UNF	CM-LN45062		2.005	1.255	0.75		
Pistons, Heads and Seal Kits for above Pre-Machined Chrome Rod									
Bore Dia	Piston Part #	Piston Style	Head Part#	Head Style	Stub Cut	Piston Lgth	Head Lgth	Piston Seal Kit	Head Seal Kit
1.5	CM-P110629	IT Piston	CM-H70181	TK Head	0	1.12	2.00	SK-P110629	SK-H70181
1.5	CM-P70020	TH Piston	CM-H70181	TK Head	0	1.13	2.00	SK-P70020	SK-H70181
1.5	CM-P70079	TM Piston	CM-H70181	TK Head	0.25	0.88	2.00	SK-P70079	SK-H70181

Rod Dia	Rod Part #	Thread	Nut Part #		Stub OAL	Thread Lgth	Nut Lgth		
1	CR75I-1.00X**-0.75	3/4"-16 UNF	CM-LN45075		2.505	1.63	0.88		
Pistons, Heads and Seal Kits for above Pre-Machined Chrome Rod									
Bore Dia	Piston Part #	Piston Style	Head Part#	Head Style	Stub Cut	Piston Lgth	Head Lgth	Piston Seal Kit	Head Seal Kit
2	CM-P110238	IT Piston	CM-H107597	IT Head	0.25	1.25	2.12	SK-P110238	SK-H107597
2	CM-P110238	IT Piston	CM-H70093	TK Head	0.25	1.25	2.25	SK-P110238	SK-H70093
2	CM-P110238	IT Piston	CM-H70154	TH Head	0.25	1.25	2.38	SK-P110238	SK-H70154
2	CM-P70005	TH Piston	CM-H107597	IT Head	0	1.50	2.12	SK-P70005	SK-H107597
2	CM-P70005	TH Piston	CM-H70093	TK Head	0	1.50	2.25	SK-P70005	SK-H70093
2	CM-P70005	TH Piston	CM-H70154	TH Head	0	1.50	2.38	SK-P70005	SK-H70154
2	CM-P70055	TM Piston	CM-H107597	IT Head	0.5	1.00	2.12	SK-P70055	SK-H107597
2	CM-P70055	TM Piston	CM-H70093	TK Head	0.5	1.00	2.25	SK-P70055	SK-H70093
2	CM-P70055	TM Piston	CM-H70154	TH Head	0.5	1.00	2.38	SK-P70055	SK-H70154

Rod Dia	Rod Part #	Thread	Nut Part #		Stub OAL	Thread Lgth	Nut Lgth		
1.125	CR75I-1.12X**-0.75	3/4"-16 UNF	CM-LN45075		2.505	1.63	0.88		
Pistons, Heads and Seal Kits for above Pre-Machined Chrome Rod									
Bore Dia	Piston Part #	Piston Style	Head Part#	Head Style	Stub Cut	Piston Lgth	Head Lgth	Piston Seal Kit	Head Seal Kit
2	CM-P110238	IT Piston	CM-H107598	IT Head	0.25	1.25	2.00	SK-P110238	SK-H107598
2	CM-P110238	IT Piston	CM-H70155	TH Head	0.25	1.25	2.38	SK-P110238	SK-H70155
2	CM-P110238	IT Piston	CM-H70159	TK Head	0.25	1.25	2.25	SK-P110238	SK-H70159
2	CM-P70005	TH Piston	CM-H107598	IT Head	0	1.50	2.00	SK-P70005	SK-H107598
2	CM-P70005	TH Piston	CM-H70155	TH Head	0	1.50	2.38	SK-P70005	SK-H70155
2	CM-P70005	TH Piston	CM-H70159	TK Head	0	1.50	2.25	SK-P70005	SK-H70159
2	CM-P70055	TM Piston	CM-H107598	IT Head	0.5	1.00	2.00	SK-P70055	SK-H107598
2	CM-P70055	TM Piston	CM-H70155	TH Head	0.5	1.00	2.38	SK-P70055	SK-H70155
2	CM-P70055	TM Piston	CM-H70159	TK Head	0.5	1.00	2.25	SK-P70055	SK-H70159
2.5	CM-P110239	IT Piston	CM-H107193	IT Head	0.25	1.25	2.00	SK-P110239	SK-H107193
2.5	CM-P110239	IT Piston	CM-H70157	TH Head	0.25	1.25	2.38	SK-P110239	SK-H70157
2.5	CM-P110239	IT Piston	CM-H70161	TK Head	0.25	1.25	2.25	SK-P110239	SK-H70161
2.5	CM-P70017	TH Piston	CM-H107193	IT Head	0	1.50	2.00	SK-P70017	SK-H107193
2.5	CM-P70017	TH Piston	CM-H70157	TH Head	0	1.50	2.38	SK-P70017	SK-H70157
2.5	CM-P70017	TH Piston	CM-H70161	TK Head	0	1.50	2.25	SK-P70017	SK-H70161
2.5	CM-P70065	TM Piston	CM-H107193	IT Head	0.5	1.00	2.00	SK-P70065	SK-H107193
2.5	CM-P70065	TM Piston	CM-H70157	TH Head	0.5	1.00	2.38	SK-P70065	SK-H70157
2.5	CM-P70065	TM Piston	CM-H70161	TK Head	0.5	1.00	2.25	SK-P70065	SK-H70161

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Rod Dia	Rod Part #	Thread	Nut Part #		Stub OAL	Thread Lgth	Nut Lgth		
1.25	CR75I-1.25X**-0.75	3/4"-16 UNF	CM-LN45075		2.88	2.255	0.88		
Pistons, Heads and Seal Kits for above Pre-Machined Chrome Rod									
Bore Dia	Piston Part #	Piston Style	Head Part#	Head Style	Stub Cut	Piston Lgth	Head Lgth	Piston Seal Kit	Head Seal Kit
2	CM-P110238	IT Piston	CM-H107595	IT Head	0.62	1.25	2.25	SK-P110238	SK-H107595
2	CM-P110238	IT Piston	CM-H70156	TH Head	0.62	1.25	2.38	SK-P110238	SK-H70156
2	CM-P110238	IT Piston	CM-H70160	TK Head	0.62	1.25	2.50	SK-P110238	SK-H70160
2	CM-P70005	TH Piston	CM-H107595	IT Head	0.38	1.50	2.25	SK-P70005	SK-H107595
2	CM-P70005	TH Piston	CM-H70156	TH Head	0.38	1.50	2.38	SK-P70005	SK-H70156
2	CM-P70005	TH Piston	CM-H70160	TK Head	0.38	1.50	2.50	SK-P70005	SK-H70160
2	CM-P70055	TM Piston	CM-H107595	IT Head	0.88	1.00	2.25	SK-P70055	SK-H107595
2	CM-P70055	TM Piston	CM-H70156	TH Head	0.88	1.00	2.38	SK-P70055	SK-H70156
2	CM-P70055	TM Piston	CM-H70160	TK Head	0.88	1.00	2.50	SK-P70055	SK-H70160
2.5	CM-P110239	IT Piston	CM-H107194	IT Head	0.62	1.25	2.00	SK-P110239	SK-H107194
2.5	CM-P110239	IT Piston	CM-H70076	TH Head	0.62	1.25	2.38	SK-P110239	SK-H70076
2.5	CM-P110239	IT Piston	CM-H70162	TK Head	0.62	1.25	2.25	SK-P110239	SK-H70162
2.5	CM-P110596	ITW Piston	CM-H107194	IT Head	0	1.88	2.00	SK-P110596	SK-H107194
2.5	CM-P110596	ITW Piston	CM-H70076	TH Head	0	1.88	2.38	SK-P110596	SK-H70076
2.5	CM-P110596	ITW Piston	CM-H70162	TK Head	0	1.88	2.25	SK-P110596	SK-H70162
2.5	CM-P70017	TH Piston	CM-H107194	IT Head	0.38	1.50	2.00	SK-P70017	SK-H107194
2.5	CM-P70017	TH Piston	CM-H70076	TH Head	0.38	1.50	2.38	SK-P70017	SK-H70076
2.5	CM-P70017	TH Piston	CM-H70162	TK Head	0.38	1.50	2.25	SK-P70017	SK-H70162
2.5	CM-P70065	TM Piston	CM-H107194	IT Head	0.88	1.00	2.00	SK-P70065	SK-H107194
2.5	CM-P70065	TM Piston	CM-H70076	TH Head	0.88	1.00	2.38	SK-P70065	SK-H70076
2.5	CM-P70065	TM Piston	CM-H70162	TK Head	0.88	1.00	2.25	SK-P70065	SK-H70162
3	CM-P70841	TM Piston	CM-H107196	IT Head	1.12	1.00	2.25	SK-P70841	SK-H107196
3	CM-P70841	TM Piston	CM-H70029	TH Head	1.12	1.00	2.75	SK-P70841	SK-H70029
3	CM-P70841	TM Piston	CM-H70164	TK Head	1.12	1.00	2.75	SK-P70841	SK-H70164

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Rod Dia	Rod Part #	Thread	Nut Part #		Stub OAL	Thread Lgth	Nut Lgth		
1.5	CR75I-1.50X**-0.75	3/4"-16 UNF	CM-LN45075		2.88	2.255	0.88		
Pistons, Heads and Seal Kits for above Pre-Machined Chrome Rod									
Bore Dia	Piston Part #	Piston Style	Head Part#	Head Style	Stub Cut	Piston Lgth	Head Lgth	Piston Seal Kit	Head Seal Kit
2.5	CM-P110239	IT Piston	CM-H107463	IT Head	0.62	1.25	2.38	SK-P110239	SK-H107463
2.5	CM-P110239	IT Piston	CM-H70158	TH Head	0.62	1.25	2.38	SK-P110239	SK-H70158
2.5	CM-P110239	IT Piston	CM-H70163	TK Head	0.62	1.25	2.25	SK-P110239	SK-H70163
2.5	CM-P110596	ITW Piston	CM-H107463	IT Head	0	1.88	2.38	SK-P110596	SK-H107463
2.5	CM-P110596	ITW Piston	CM-H70158	TH Head	0	1.88	2.38	SK-P110596	SK-H70158
2.5	CM-P110596	ITW Piston	CM-H70163	TK Head	0	1.88	2.25	SK-P110596	SK-H70163
2.5	CM-P70017	TH Piston	CM-H107463	IT Head	0.38	1.50	2.38	SK-P70017	SK-H107463
2.5	CM-P70017	TH Piston	CM-H70158	TH Head	0.38	1.50	2.38	SK-P70017	SK-H70158
2.5	CM-P70017	TH Piston	CM-H70163	TK Head	0.38	1.50	2.25	SK-P70017	SK-H70163
2.5	CM-P70065	TM Piston	CM-H107463	IT Head	0.88	1.00	2.38	SK-P70065	SK-H107463
2.5	CM-P70065	TM Piston	CM-H70158	TH Head	0.88	1.00	2.38	SK-P70065	SK-H70158
2.5	CM-P70065	TM Piston	CM-H70163	TK Head	0.88	1.00	2.25	SK-P70065	SK-H70163
3	CM-P70841	TM Piston	CM-H107131	IT Head	1.12	1.00	2.25	SK-P70841	SK-H107131
3	CM-P70841	TM Piston	CM-H70011	TH Head	1.12	1.00	2.75	SK-P70841	SK-H70011
3	CM-P70841	TM Piston	CM-H70130	TK Head	1.12	1.00	2.75	SK-P70841	SK-H70130

Rod Dia	Rod Part #	Thread	Nut Part #		Stub OAL	Thread Lgth	Nut Lgth		
1.5	CR75I-1.50X**-1.00	1"-14 UNS	CM-LN45100		3.185	2.69	1.06		
Pistons, Heads and Seal Kits for above Pre-Machined Chrome Rod									
Bore Dia	Piston Part #	Piston Style	Head Part#	Head Style	Stub Cut	Piston Lgth	Head Lgth	Piston Seal Kit	Head Seal Kit
3	CM-P110121	ITW Piston	CM-H107131	IT Head	0	2.00	2.25	SK-P110121	SK-H107131
3	CM-P110121	ITW Piston	CM-H70011	TH Head	0	2.00	2.75	SK-P110121	SK-H70011
3	CM-P110121	ITW Piston	CM-H70130	TK Head	0	2.00	2.75	SK-P110121	SK-H70130
3	CM-P70006	TH Piston	CM-H107131	IT Head	0.25	1.75	2.25	SK-P70006	SK-H107131
3	CM-P70006	TH Piston	CM-H70011	TH Head	0.25	1.75	2.75	SK-P70006	SK-H70011
3	CM-P70006	TH Piston	CM-H70130	TK Head	0.25	1.75	2.75	SK-P70006	SK-H70130
3.25	CM-P110608	IT Piston	CM-H107591	IT Head	0.75	1.25	2.25	SK-P110608	SK-H107591
3.5	CM-P110241	IT Piston	CM-H107198	IT Head	0.75	1.25	2.25	SK-P110241	SK-H107198
3.5	CM-P110241	IT Piston	CM-H70013	TH Head	0.75	1.25	2.75	SK-P110241	SK-H70013
3.5	CM-P110241	IT Piston	CM-H70089	TK Head	0.75	1.25	2.75	SK-P110241	SK-H70089
3.5	CM-P70872	TM Piston	CM-H107198	IT Head	1.38	1.00	2.25	SK-P70872	SK-H107198
3.5	CM-P70872	TM Piston	CM-H70013	TH Head	1.38	1.00	2.75	SK-P70872	SK-H70013
3.5	CM-P70872	TM Piston	CM-H70089	TK Head	1.38	1.00	2.75	SK-P70872	SK-H70089
4	CM-P110242	IT Piston	CM-H107130	IT Head	0.75	1.25	2.25	SK-P110242	SK-H107130
4	CM-P110242	IT Piston	CM-H70014	TH Head	0.75	1.25	2.75	SK-P110242	SK-H70014
4	CM-P110242	IT Piston	CM-H70115	TK Head	0.75	1.25	2.75	SK-P110242	SK-H70115
4	CM-P70067	TM Piston	CM-H107130	IT Head	1	1.00	2.25	SK-P70067	SK-H107130
4	CM-P70067	TM Piston	CM-H70014	TH Head	1	1.00	2.75	SK-P70067	SK-H70014
4	CM-P70067	TM Piston	CM-H70115	TK Head	1	1.00	2.75	SK-P70067	SK-H70115

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Selection Chart for Pistons, Heads and Seal Kits to Accommodate Machine Chrome Rod

Rod Dia	Rod Part #	Thread	Nut Part #		Stub OAL	Thread Lgth	Nut Lgth		
1.75	CR75I-1.75X**-1.00	1"-14 UNS	CM-LN45100		3.185	2.69	1.06		
Pistons, Heads and Seal Kits for above Pre-Machined Chrome Rod									
Bore Dia	Piston Part #	Piston Style	Head Part#	Head Style	Stub Cut	Piston Lgth	Head Lgth	Piston Seal Kit	Head Seal Kit
3	CM-P110121	ITW Piston	CM-H107189	IT Head	0	2.00	2.25	SK-P110121	SK-H107189
3	CM-P110121	ITW Piston	CM-H107729	ITW Head	0	2.00	2.62	SK-P110121	SK-H107729
3	CM-P110121	ITW Piston	CM-H70560	TK Head	0	2.00	2.75	SK-P110121	SK-H70560
3	CM-P110121	ITW Piston	CM-H70814	TH Head	0	2.00	2.75	SK-P110121	SK-H70814
3	CM-P70006	TH Piston	CM-H107189	IT Head	0.25	1.75	2.25	SK-P70006	SK-H107189
3	CM-P70006	TH Piston	CM-H107729	ITW Head	0.25	1.75	2.62	SK-P70006	SK-H107729
3	CM-P70006	TH Piston	CM-H70560	TK Head	0.25	1.75	2.75	SK-P70006	SK-H70560
3	CM-P70006	TH Piston	CM-H70814	TH Head	0.25	1.75	2.75	SK-P70006	SK-H70814
3.25	CM-P110608	IT Piston	CM-H107592	IT Head	0.75	1.25	2.25	SK-P110608	SK-H107592
3.5	CM-P110241	IT Piston	CM-H107108	IT Head	0.75	1.25	2.25	SK-P110241	SK-H107108
3.5	CM-P110241	IT Piston	CM-H107791	ITW Head	0.75	1.25	2.62	SK-P110241	SK-H107791
3.5	CM-P110241	IT Piston	CM-H70504	TH Head	0.75	1.25	2.75	SK-P110241	SK-H70504
3.5	CM-P110241	IT Piston	CM-H70862	TK Head	0.75	1.25	2.75	SK-P110241	SK-H70862
3.5	CM-P70872	TM Piston	CM-H107108	IT Head	1.38	1.00	2.25	SK-P70872	SK-H107108
3.5	CM-P70872	TM Piston	CM-H107791	ITW Head	1.38	1.00	2.62	SK-P70872	SK-H107791
3.5	CM-P70872	TM Piston	CM-H70504	TH Head	1.38	1.00	2.75	SK-P70872	SK-H70504
3.5	CM-P70872	TM Piston	CM-H70862	TK Head	1.38	1.00	2.75	SK-P70872	SK-H70862
4	CM-P110242	IT Piston	CM-H107124	IT Head	0.75	1.25	2.25	SK-P110242	SK-H107124
4	CM-P110242	IT Piston	CM-H70488	TH Head	0.75	1.25	2.75	SK-P110242	SK-H70488
4	CM-P110242	IT Piston	CM-H70576	TK Head	0.75	1.25	2.75	SK-P110242	SK-H70576
4	CM-P70067	TM Piston	CM-H107124	IT Head	1	1.00	2.25	SK-P70067	SK-H107124
4	CM-P70067	TM Piston	CM-H70488	TH Head	1	1.00	2.75	SK-P70067	SK-H70488
4	CM-P70067	TM Piston	CM-H70576	TK Head	1	1.00	2.75	SK-P70067	SK-H70576

CHROME RODS



MACHINED CHROME RODS

Selection Chart for Pistons, Heads and Seal Kits to Accommodate Machine Chrome Rod

Rod Dia	Rod Part #	Thread	Nut Part #		Stub OAL	Thread Lgth	Nut Lgth		
2	CR75I-2.00X*-1.00	1"-14 UNS	CM-LN45100		3.185	2.69	1.06		
Pistons, Heads and Seal Kits for above Pre-Machined Chrome Rod									
Bore Dia	Piston Part #	Piston Style	Head Part#	Head Style	Stub Cut	Piston Lgth	Head Lgth	Piston Seal Kit	Head Seal Kit
3	CM-P110121	ITW Piston	CM-H107359	IT Head	0	2.00	2.50	SK-P110121	SK-H107359
3	CM-P110121	ITW Piston	CM-H107548	ITW Head	0	2.00	2.62	SK-P110121	SK-H107548
3	CM-P110121	ITW Piston	CM-H70012	TH Head	0	2.00	2.75	SK-P110121	SK-H70012
3	CM-P110121	ITW Piston	CM-H70165	TK Head	0	2.00	2.75	SK-P110121	SK-H70165
3	CM-P70006	TH Piston	CM-H107359	IT Head	0.25	1.75	2.50	SK-P70006	SK-H107359
3	CM-P70006	TH Piston	CM-H107548	ITW Head	0.25	1.75	2.62	SK-P70006	SK-H107548
3	CM-P70006	TH Piston	CM-H70012	TH Head	0.25	1.75	2.75	SK-P70006	SK-H70012
3	CM-P70006	TH Piston	CM-H70165	TK Head	0.25	1.75	2.75	SK-P70006	SK-H70165
3.5	CM-P110241	IT Piston	CM-H107112	IT Head	0.75	1.25	2.25	SK-P110241	SK-H107112
3.5	CM-P110241	IT Piston	CM-H107549	ITW Head	0.75	1.25	2.62	SK-P110241	SK-H107549
3.5	CM-P110241	IT Piston	CM-H70030	TH Head	0.75	1.25	2.75	SK-P110241	SK-H70030
3.5	CM-P110241	IT Piston	CM-H70167	TK Head	0.75	1.25	2.75	SK-P110241	SK-H70167
3.5	CM-P70872	TM Piston	CM-H107112	IT Head	1.38	1.00	2.25	SK-P70872	SK-H107112
3.5	CM-P70872	TM Piston	CM-H107549	ITW Head	1.38	1.00	2.62	SK-P70872	SK-H107549
3.5	CM-P70872	TM Piston	CM-H70030	TH Head	1.38	1.00	2.75	SK-P70872	SK-H70030
3.5	CM-P70872	TM Piston	CM-H70167	TK Head	1.38	1.00	2.75	SK-P70872	SK-H70167
4	CM-P110242	IT Piston	CM-H107311	IT Head	0.75	1.25	2.25	SK-P110242	SK-H107311
4	CM-P110242	IT Piston	CM-H107550	ITW Head	0.75	1.25	3.25	SK-P110242	SK-H107550
4	CM-P110242	IT Piston	CM-H70015	TH Head	0.75	1.25	2.75	SK-P110242	SK-H70015
4	CM-P110242	IT Piston	CM-H70116	TK Head	0.75	1.25	2.75	SK-P110242	SK-H70116
4	CM-P70067	TM Piston	CM-H107311	IT Head	1	1.00	2.25	SK-P70067	SK-H107311
4	CM-P70067	TM Piston	CM-H107550	ITW Head	1	1.00	3.25	SK-P70067	SK-H107550
4	CM-P70067	TM Piston	CM-H70015	TH Head	1	1.00	2.75	SK-P70067	SK-H70015
4	CM-P70067	TM Piston	CM-H70116	TK Head	1	1.00	2.75	SK-P70067	SK-H70116

CHROME RODS



MACHINED CHROME RODS

Selection Chart for Pistons, Heads and Seal Kits to Accommodate Machine Chrome Rod

Rod Dia	Rod Part #	Thread	Nut Part #		Stub OAL	Thread Lgth	Nut Lgth		
2	CR75I-2.00X**-1.25	1-1/4"-12 UNF	CM-LN45126		3.63	2.255	1.38		
Pistons, Heads and Seal Kits for above Pre-Machined Chrome Rod									
Bore Dia	Piston Part #	Piston Style	Head Part#	Head Style	Stub Cut	Piston Lgth	Head Lgth	Piston Seal Kit	Head Seal Kit
4	CM-P70010	TH Piston	CM-H107311	IT Head	0.38	1.75	2.25	SK-P70010	SK-H107311
4	CM-P70010	TH Piston	CM-H107550	ITW Head	0.38	1.75	3.25	SK-P70010	SK-H107550
4	CM-P70010	TH Piston	CM-H70015	TH Head	0.38	1.75	2.75	SK-P70010	SK-H70015
4	CM-P70010	TH Piston	CM-H70116	TK Head	0.38	1.75	2.75	SK-P70010	SK-H70116
4.5	CM-P110537	ITW Piston	CM-H107200	IT Head	0	2.00	2.25	SK-P110537	SK-H107200
4.5	CM-P110537	ITW Piston	CM-H107716	ITW Head	0	2.00	3.25	SK-P110537	SK-H107716
4.5	CM-P110537	ITW Piston	CM-H70276	TH Head	0	2.00	2.75	SK-P110537	SK-H70276
4.5	CM-P110537	ITW Piston	CM-H70367	TK Head	0	2.00	2.75	SK-P110537	SK-H70367
4.5	CM-P70275	TH Piston	CM-H107200	IT Head	0.38	1.75	2.25	SK-P70275	SK-H107200
4.5	CM-P70275	TH Piston	CM-H107716	ITW Head	0.38	1.75	3.25	SK-P70275	SK-H107716
4.5	CM-P70275	TH Piston	CM-H70276	TH Head	0.38	1.75	2.75	SK-P70275	SK-H70276
4.5	CM-P70275	TH Piston	CM-H70367	TK Head	0.38	1.75	2.75	SK-P70275	SK-H70367
5	CM-P110248	ITW Piston	CM-H107212	IT Head	0	2.00	2.25	SK-P110248	SK-H107212
5	CM-P110248	ITW Piston	CM-H107679	ITW Head	0	2.00	3.00	SK-P110248	SK-H107679
5	CM-P110248	ITW Piston	CM-H70037	TH Head	0	2.00	3.00	SK-P110248	SK-H70037
5	CM-P110248	ITW Piston	CM-H70114	TK Head	0	2.00	3.00	SK-P110248	SK-H70114
5	CM-P70018	TH Piston	CM-H107212	IT Head	0	2.00	2.25	SK-P70018	SK-H107212
5	CM-P70018	TH Piston	CM-H107679	ITW Head	0	2.00	3.00	SK-P70018	SK-H107679
5	CM-P70018	TH Piston	CM-H70037	TH Head	0	2.00	3.00	SK-P70018	SK-H70037
5	CM-P70018	TH Piston	CM-H70114	TK Head	0	2.00	3.00	SK-P70018	SK-H70114
5	CM-P70090	TM Piston	CM-H107212	IT Head	0.62	1.50	2.25	SK-P70090	SK-H107212
5	CM-P70090	TM Piston	CM-H107679	ITW Head	0.62	1.50	3.00	SK-P70090	SK-H107679
5	CM-P70090	TM Piston	CM-H70037	TH Head	0.62	1.50	3.00	SK-P70090	SK-H70037
5	CM-P70090	TM Piston	CM-H70114	TK Head	0.62	1.50	3.00	SK-P70090	SK-H70114
5.5	CM-P110511	ITW Piston	CM-H70153	TH Head	0	2.12	3.00	SK-P110511	SK-H70153
5.5	CM-P110511	ITW Piston	CM-H70389	TK Head	0	2.12	3.00	SK-P110511	SK-H70389
6	CM-P110249	ITW Piston	CM-H107345	IT Head	0	2.12	2.50	SK-P110249	SK-H107345
6	CM-P110249	ITW Piston	CM-H70041	TH Head	0	2.12	3.00	SK-P110249	SK-H70041
6	CM-P110249	ITW Piston	CM-H70112	TK Head	0	2.12	3.00	SK-P110249	SK-H70112

CHROME RODS



MACHINED CHROME RODS

Selection Chart for Pistons, Heads and Seal Kits to Accommodate Machine Chrome Rod

Rod Dia	Rod Part #	Thread	Nut Part #		Stub OAL	Thread Lgth	Nut Lgth		
2.5	CR75I-2.50X*-1.25	1-1/4"-12 UNF	CM-LN45126		3.63	2.255	1.38		
Pistons, Heads and Seal Kits for above Pre-Machined Chrome Rod									
Bore Dia	Piston Part #	Piston Style	Head Part#	Head Style	Stub Cut	Piston Lgth	Head Lgth	Piston Seal Kit	Head Seal Kit
4	CM-P70010	TH Piston	CM-H107386	IT Head	0.38	1.75	2.50	SK-P70010	SK-H107386
4	CM-P70010	TH Piston	CM-H107551	ITW Head	0.38	1.75	3.25	SK-P70010	SK-H107551
4	CM-P70010	TH Piston	CM-H70032	TH Head	0.38	1.75	2.75	SK-P70010	SK-H70032
4	CM-P70010	TH Piston	CM-H70168	TK Head	0.38	1.75	2.75	SK-P70010	SK-H70168
4.5	CM-P110537	ITW Piston	CM-H107552	ITW Head	0	2.00	3.25	SK-P110537	SK-H107552
4.5	CM-P110537	ITW Piston	CM-H70310	TH Head	0	2.00	2.75	SK-P110537	SK-H70310
4.5	CM-P110537	ITW Piston	CM-H70378	TK Head	0	2.00	2.75	SK-P110537	SK-H70378
4.5	CM-P70275	TH Piston	CM-H107552	ITW Head	0.38	1.75	3.25	SK-P70275	SK-H107552
4.5	CM-P70275	TH Piston	CM-H70310	TH Head	0.38	1.75	2.75	SK-P70275	SK-H70310
4.5	CM-P70275	TH Piston	CM-H70378	TK Head	0.38	1.75	2.75	SK-P70275	SK-H70378
5	CM-P110248	ITW Piston	CM-H107204	IT Head	0	2.00	2.50	SK-P110248	SK-H107204
5	CM-P110248	ITW Piston	CM-H107554	ITW Head	0	2.00	3.62	SK-P110248	SK-H107554
5	CM-P110248	ITW Piston	CM-H70038	TH Head	0	2.00	3.00	SK-P110248	SK-H70038
5	CM-P110248	ITW Piston	CM-H70113	TK Head	0	2.00	3.00	SK-P110248	SK-H70113
5	CM-P70018	TH Piston	CM-H107204	IT Head	0	2.00	2.50	SK-P70018	SK-H107204
5	CM-P70018	TH Piston	CM-H107554	ITW Head	0	2.00	3.62	SK-P70018	SK-H107554
5	CM-P70018	TH Piston	CM-H70038	TH Head	0	2.00	3.00	SK-P70018	SK-H70038
5	CM-P70018	TH Piston	CM-H70113	TK Head	0	2.00	3.00	SK-P70018	SK-H70113
5	CM-P70090	TM Piston	CM-H107204	IT Head	0.62	1.50	2.50	SK-P70090	SK-H107204
5	CM-P70090	TM Piston	CM-H107554	ITW Head	0.62	1.50	3.62	SK-P70090	SK-H107554
5	CM-P70090	TM Piston	CM-H70038	TH Head	0.62	1.50	3.00	SK-P70090	SK-H70038
5	CM-P70090	TM Piston	CM-H70113	TK Head	0.62	1.50	3.00	SK-P70090	SK-H70113
5.5	CM-P110511	ITW Piston	CM-H107611	ITW Head	0	2.12	3.62	SK-P110511	SK-H107611
5.5	CM-P110511	ITW Piston	CM-H70142	TH Head	0	2.12	3.00	SK-P110511	SK-H70142
5.5	CM-P110511	ITW Piston	CM-H70390	TK Head	0	2.12	3.00	SK-P110511	SK-H70390
6	CM-P110249	ITW Piston	CM-H107206	IT Head	0	2.12	2.50	SK-P110249	SK-H107206
6	CM-P110249	ITW Piston	CM-H107556	ITW Head	0	2.12	3.62	SK-P110249	SK-H107556
6	CM-P110249	ITW Piston	CM-H70042	TH Head	0	2.12	3.00	SK-P110249	SK-H70042
6	CM-P110249	ITW Piston	CM-H70111	TK Head	0	2.12	3.00	SK-P110249	SK-H70111

CHROME RODS



MACHINED CHROME RODS

Selection Chart for Pistons, Heads and Seal Kits to Accommodate Machine Chrome Rod

Rod Dia	Rod Part #	Thread	Nut Part #		Stub OAL	Thread Lgth	Nut Lgth		
3	CR75I-3.00X**-1.25	1-1/4"-12 UNF	CM-LN45126		3.63	2.255	1.38		
Pistons, Heads and Seal Kits for above Pre-Machined Chrome Rod									
Bore Dia	Piston Part #	Piston Style	Head Part#	Head Style	Stub Cut	Piston Lgth	Head Lgth	Piston Seal Kit	Head Seal Kit
4	CM-P70010	TH Piston	CM-H107525	IT Head	0.38	1.75	2.50	SK-P70010	SK-H107525
4	CM-P70010	TH Piston	CM-H107640	ITW Head	0.38	1.75	3.62	SK-P70010	SK-H107640
4	CM-P70010	TH Piston	CM-H70033	TH Head	0.38	1.75	2.75	SK-P70010	SK-H70033
4.5	CM-P110537	ITW Piston	CM-H107553	ITW Head	0	2.00	3.25	SK-P110537	SK-H107553
4.5	CM-P110537	ITW Piston	CM-H70377	TH Head	0	2.00	2.75	SK-P110537	SK-H70377
4.5	CM-P110537	ITW Piston	CM-H70379	TK Head	0	2.00	2.75	SK-P110537	SK-H70379
4.5	CM-P70275	TH Piston	CM-H107553	ITW Head	0.38	1.75	3.25	SK-P70275	SK-H107553
4.5	CM-P70275	TH Piston	CM-H70377	TH Head	0.38	1.75	2.75	SK-P70275	SK-H70377
4.5	CM-P70275	TH Piston	CM-H70379	TK Head	0.38	1.75	2.75	SK-P70275	SK-H70379
5	CM-P110248	ITW Piston	CM-H107205	IT Head	0	2.00	2.50	SK-P110248	SK-H107205
5	CM-P110248	ITW Piston	CM-H107555	ITW Head	0	2.00	3.62	SK-P110248	SK-H107555
5	CM-P110248	ITW Piston	CM-H70039	TH Head	0	2.00	3.00	SK-P110248	SK-H70039
5	CM-P110248	ITW Piston	CM-H70107	TK Head	0	2.00	3.00	SK-P110248	SK-H70107
5	CM-P70018	TH Piston	CM-H107205	IT Head	0	2.00	2.50	SK-P70018	SK-H107205
5	CM-P70018	TH Piston	CM-H107555	ITW Head	0	2.00	3.62	SK-P70018	SK-H107555
5	CM-P70018	TH Piston	CM-H70039	TH Head	0	2.00	3.00	SK-P70018	SK-H70039
5	CM-P70018	TH Piston	CM-H70107	TK Head	0	2.00	3.00	SK-P70018	SK-H70107
5	CM-P70090	TM Piston	CM-H107205	IT Head	0.62	1.50	2.50	SK-P70090	SK-H107205
5	CM-P70090	TM Piston	CM-H107555	ITW Head	0.62	1.50	3.62	SK-P70090	SK-H107555
5	CM-P70090	TM Piston	CM-H70039	TH Head	0.62	1.50	3.00	SK-P70090	SK-H70039
5	CM-P70090	TM Piston	CM-H70107	TK Head	0.62	1.50	3.00	SK-P70090	SK-H70107
5.5	CM-P110511	ITW Piston	CM-H107612	ITW Head	0	2.12	3.62	SK-P110511	SK-H107612
5.5	CM-P110511	ITW Piston	CM-H70143	TH Head	0	2.12	3.00	SK-P110511	SK-H70143
5.5	CM-P110511	ITW Piston	CM-H70391	TK Head	0	2.12	3.00	SK-P110511	SK-H70391
6	CM-P110249	ITW Piston	CM-H107207	IT Head	0	2.12	2.50	SK-P110249	SK-H107207
6	CM-P110249	ITW Piston	CM-H107557	ITW Head	0	2.12	3.62	SK-P110249	SK-H107557
6	CM-P110249	ITW Piston	CM-H70043	TH Head	0	2.12	3.00	SK-P110249	SK-H70043
6	CM-P110249	ITW Piston	CM-H70108	TK Head	0	2.12	3.00	SK-P110249	SK-H70108

CHROME RODS