

PTI-SERT®

THREAD REPAIR KITS AND INSERTS



MEGA MASTER SET INCLUDES 10 COMPLETE TOOL KITS WITH TAP GUIDES			
30 INSERTS PER KIT (10 each of the Short, Medium, Long Lengths) FOR A TOTAL OF 300 INSERTS.			
Description	THREAD SIZES	PART NO.	PRICE
METRIC	M5x0.8, M6x1.0, M8x1.25, M10x1.5, M10x1.25 M12x1.5, M12x1.25, M12x1.75, M14x1.5, M18x1.5	2001	\$1,779.91
INCH	10-32, 1/4-20, 1/4-28, 5/16-18, 5/16-24 3/8-16, 3/8-24, 7/16-14, 7/16-20, 1/2-13	3771	\$1,779.91

METRIC OIL PAN MASTER SET INCLUDES 5 COMPLETE TOOL KITS WITH TAP GUIDES			
30 INSERTS PER KIT (10 each of the Short, Medium, Long Lengths) FOR A TOTAL OF 150 INSERTS.			
Metric Oil Pan	M12x1.5, M12x1.25, M12x1.75, M14x1.5, M18x1.5	3300	\$793.18

MASTER SETS EACH SET INCLUDES 5 TOOL KITS /no tap guides			
WITH 20 INSERTS (10 EACH OF LONG AND SHORT) FOR A TOTAL OF 100 INSERTS.			
Description	THREAD SIZES	PART NO.	PRICE
Inch Coarse	1/4-20, 5/16-18, 3/8-16, 7/16-14, 1/2-13	0010	\$502.58
Inch Fine	1/4-28, 5/16-24, 3/8-24, 7/16-20, 1/2-20	0020	\$523.81
Metric Coarse	M5x0.8, M6x1.0, M8x1.25, M10x1.5, M12x1.75	1000	\$502.58
Metric Coarse	M5x0.8, M6x1.0, M8x1.25, M10x1.5, M12x1.5	1005	\$502.58
Metric Fine	M5x0.8, M6x1.0, M8x1.25, M10x1.25, M12x1.5	1001	\$523.81
Metric Fine	M5x0.8, M6x1.0, M8x1.25, M10x1.25, M12x1.25	1004	\$523.81

MINI MASTER SETS EACH SET INCLUDES 3 TOOL KITS /no tap guides			
WITH 20 INSERTS (10 EACH OF LONG AND SHORT) FOR A TOTAL OF 60 INSERTS.			
Description	THREAD SIZES	PART NO.	PRICE
Inch Coarse	1/4-20, 5/16-18, 3/8-16	1203	\$300.84
Inch Fine	1/4-28, 5/16-24, 3/8-24	1204	\$300.84
Metric Coarse	M6x1.0, M8x1.25, M10x1.5	1201	\$300.84
Metric Fine	M6x1.0, M8x1.25, M10x1.25	1202	\$300.84

2 additional kits can be added later.

INCH KITS				CARBON STEEL INSERTS								
INCH KIT SIZE	KIT PART NO.	KIT PRICE	INSERT Length Inches	INSERT PART NO.	INSERTS CARBON STEEL PRICE EACH INSERT FOR QUANTITY INDICATED							
					10-19	20-99	100-499	500+				
4-40	0440	\$96.34	.200	04401	\$2.35	\$2.04	\$1.83	\$1.28				
6-32	0632	\$85.93	.250	06321	\$2.10	\$1.77	\$1.44	\$1.17				
8-32	0832	\$80.73	.250 .320	08321 08323	\$1.75	\$1.51	\$1.24	\$0.98				
10-24	0024	\$78.13	.240 .300 .370	00240 00241 00243	\$1.75	\$1.51	\$1.24	\$0.98				
10-32	0032	\$72.89	.150	00329	\$2.69	\$2.33	\$1.93	\$1.54				
			.187	00325	\$1.75	\$1.51	\$1.24	\$0.98				
			.240	00320								
			.300	00321								
.370	00323											
12-24	0124	\$78.13	.300 .370 .472	01241 01243 01245	\$1.75	\$1.51	\$1.24	\$0.98				
1/4-20	0140	\$78.13	.280	01400	\$1.75	\$1.51	\$1.24	\$0.98				
			.380	01401								
			.500	01403								
1/4-28	0148	\$80.73	.750	01405	\$2.99	\$2.54	\$2.10	\$1.69				
			1.000	01407								
			.280	01480	\$1.83	\$1.58	\$1.28	\$1.00				
.380	01481											
.500	01483											
1/4-32	0142	\$110.91	.180	01421	\$3.46	\$2.33	\$1.93	\$1.54				
			.250	01423	\$2.17	\$1.85	\$1.54	\$1.23				
			.380	01425								
.500	01427											
1/4-24 Harley	0144 Davidson	\$105.14	.280 .380 .500	01441 01443 01445	\$2.17	\$1.85	\$1.54	\$1.23				
1/4-26 BSF British	0146	\$194.15	.380 .500	01461 01463	\$2.30	\$1.87	\$1.40	\$1.24				
5/16-18	0561	\$80.73	.350	05610	\$1.83	\$1.58	\$1.28	\$1.00				
			.450	05611								
			.620	05613								
5/16-24	0562	\$88.55	.750	05615	\$1.93	\$1.63	\$1.35	\$1.05				
			.350	05620	\$1.83	\$1.58	\$1.28	\$1.00				
			.450	05621								
			.620	05623								
.750	05625	\$1.93	\$1.63	\$1.35	\$1.05							
3/8-16	0381	\$88.55	.312	03818	\$1.93	\$1.63	\$1.35	\$1.05				
			.400	03819								
			.520	03811								
			.620	03813								
			.750	03815								
			.900	038190					\$2.54	\$2.10	\$1.78	\$1.33
1.000	03810	\$2.91	\$2.35	\$1.93	\$1.71							
1.200	03817	\$4.28	\$3.75	\$2.05	\$1.75							
3/8-24	0382	\$93.74	.350	03825	\$2.17	\$1.85	\$1.54	\$1.23				
			.520	03821								
			.750	03823								
7/16-14	0761	\$104.16	.400	07610	\$2.17	\$1.85	\$1.54	\$1.23				
			.600	07611								
			.870	07613								
			1.000	076135					\$2.39	\$2.04	\$1.69	\$1.35
			1.200	07615					\$3.80	\$3.14	\$2.76	\$1.85
1.500	07617	\$5.23	\$4.44	\$3.68	\$2.89							
7/16-20	0762	\$111.97	.250	07629	\$3.74	\$3.06	\$2.68	\$0.18				
			.370	076320	\$2.27	\$1.93	\$1.61	\$1.25				
			.480	07627								
			.620	07621								
			.870	07623								
			1.000	076231	\$2.39	\$2.04	\$1.69	\$1.35				
1.370	07625	\$4.20	\$3.55	\$2.93	\$2.31							

INCH KITS			CARBON STEEL INSERTS					
INCH KIT SIZE	KIT PART NO.	KIT PRICE	INSERT Length Inches	INSERT PART NO.	INSERTS CARBON STEEL PRICE EACH INSERT FOR QUANTITY INDICATED			
					10-19	20-99	100-499	500+
7/16-24	0764	\$131.99	.500	07641	\$2.27	\$1.93	\$1.61	\$1.25
			.600	07643				
			.870	07645				
1/2-13	0121	\$124.97	.400	01217	\$2.54	\$2.15	\$1.76	\$1.39
			.650	01211				
			1.000	01213				
			1.250	01219	\$7.15	\$6.08	\$5.00	\$3.92
1.500	01215							
1/2-20	0122	\$130.22	.400	01225	\$2.91	\$2.46	\$2.04	\$1.61
			.650	01221				
			1.000	01223				
			1.370	01227	\$6.04	\$5.14	\$4.23	\$3.34
9/16-12	0961	\$163.63	.500	09610	\$4.20	\$3.55	\$2.93	\$2.31
			.750	09611				
			1.120	09615				
9/16-18	0968	\$163.63	.350	09687	\$4.20	\$3.55	\$2.93	\$2.31
			.450	09685				
			.750	09681				
			1.120	09683	\$4.98	\$4.23	\$3.47	\$2.71
5/8-11	0581	\$242.95	.500	05810	\$5.51	\$4.69	\$3.83	\$3.01
			.850	05811				
			1.250	05813				
1.500	05815	\$8.05	\$6.91	\$5.95	\$4.91			
5/8-18	0588	\$242.95	.320	05881	\$5.51	\$4.69	\$3.83	\$3.01
			.450	05887				
			.850	05883				
			1.250	05885	\$6.69	\$5.68	\$4.72	\$3.68
3/4-10	0341	\$304.26	.750	03415	\$8.63	\$7.36	\$6.04	\$4.74
			1.100	03411				
			1.500	03413				
3/4-16	0346	\$304.26	.650	03460	\$8.63	\$7.36	\$6.04	\$4.74
			1.100	03461				
			1.500	03463				

Bold text are insert lengths supplied in kits

INCH STAINLESS STEEL INSERTS

INCH INSERT SIZE	INSERT Length Inches	INSERT PART NO.	INSERTS STAINLESS STEEL PRICE EACH INSERT FOR QUANTITY INDICATED					
			10-19	20-99	100-499	500+		
			4-40	.200	04402	\$4.72	\$3.99	\$3.30
6-32	.250	06322	\$3.89	\$3.34	\$2.73	\$2.16		
8-32	.250 .320	08322 08324	\$3.66	\$3.11	\$2.58	\$2.00		
10-24	.240 .300 .370	00246 00242 00244	\$3.89	\$3.34	\$2.73	\$2.16		
10-32	.150 .187	00327 00328	\$4.46	\$3.91	\$3.30	\$3.16		
	.240 .300 .370	00326 00322 00324	\$3.89	\$3.34	\$2.73	\$2.16		
	12-24	.300 .370 .472	01242 01244 01246	\$4.20	\$3.58	\$2.96	\$2.28	
	1/4-20	.280 .380 .500	01406 01402 01404	\$4.20	\$3.58	\$2.96	\$2.28	
.750 1.000		01408 01409	\$7.82	\$6.83	\$6.37	\$4.99		
1/4-28		.280 .380 .500	01486 01482 01484	\$4.20	\$3.58	\$2.96	\$2.28	
1/4-32		.180 .250 .380 .500	01422 01424 01426 01428	\$6.13	\$5.23	\$4.27	\$3.35	
	5/16-18	.350 .450 .620 .750	05617 05612 05614 05616	\$4.82	\$4.14	\$3.37	\$2.62	
		5/16-24	.450 .620	05622 05624	\$5.07	\$4.34	\$3.73	\$2.78
		3/8-16	.312 .400 .520 .620 .750	038182 038192 03812 03814 03816	\$5.89	\$4.99	\$4.14	\$3.24
.900			----	----	----	----	----	
1.000	038102		\$7.82	\$6.83	\$6.37	\$4.99		
1.200	----		----	----	----	----		
3/8-24	.300 .350 .520 .750		03820 ----- 03822 03824	\$6.13	\$5.23	\$4.27	\$3.35	
	7/16-14	.600 .870 1.000 1.200	07612 07614 07619 07618	\$6.31 \$6.61 \$7.20	\$5.35 \$5.54 \$6.10	\$4.37 \$4.54 \$5.14	\$3.48 \$3.58 \$4.03	
		7/16-20	.250 .620 .870	----- 07622 07624	\$6.61	\$5.59	\$4.65	\$3.75
		7/16-24	.500	07642	\$6.50	\$5.67	\$5.29	\$4.15
1/2-13		.650 1.000 1.500	01212 01214 ----	\$7.82 \$10.11 ----	\$6.83 \$8.87 ----	\$6.37 \$7.76 ----	\$4.99 \$6.11 ----	
	1/2-20	.650 1.000	01222 01224	\$7.82 \$10.11	\$6.83 \$8.87	\$6.37 \$7.76	\$4.99 \$6.11	
		5/8-11	.850 1.250	05812 05814	\$15.80 \$18.18	\$13.58 \$15.80	\$11.35 \$13.87	\$10.01 \$12.48

Bold text are insert lengths supplied in kits (stainless inserts sold separately)

METRIC KITS				CARBON STEEL INSERTS				
METRIC KIT SIZE	KIT PART NO.	KIT PRICE	Insert Length Metric	INSERT PART NO.	INSERTS CARBON STEEL			
					PRICE EACH INSERT FOR QUANTITY INDICATED			
					10-19	20-99	100-499	500+
M3x0.5	1305	\$96.34	4.3 6.0	13051 13053	\$2.35	\$2.04	\$1.83	\$1.28
M4x0.7	1407	\$96.34	4.0 6.0 8.0	14077 14071 14073	\$2.08	\$1.77	\$1.44	\$1.17
M5x0.8	1508	\$85.93	5.0 7.6 10.0 12.0	15080 15081 15083 15085	\$2.46 \$1.93 \$2.08	\$2.08 \$1.63 \$1.77	\$1.70 \$1.35 \$1.44	\$1.35 \$1.05 \$1.17
M6x1.0	1610	\$80.73	5.0 8.0 9.4 12.0 15.0 17.0 19.0	16100 16105 16101 16103 161031 16107 16109	\$2.46 \$1.93 \$3.20	\$2.08 \$1.63 \$2.67	\$1.70 \$1.35 \$2.22	\$1.35 \$1.05 \$1.74
M7x1.0	1710	\$93.74	10.0 14.0 18.0 20.0	17101 17103 17105 17107	\$2.17 \$2.46	\$1.85 \$2.08	\$1.54 \$1.70	\$1.23 \$1.35
M8x1.0	1810	\$93.74	7.5 11.7	18100 18101	\$2.78 \$2.46	\$2.40 \$2.08	\$2.10 \$1.70	\$1.66 \$1.35
M8x1.25	1812	\$93.74	9.0 10.0 11.7 14.0 16.2 18.0 20.0 30.0	181210 18125 18121 18129 18123 18127 181213 181217	\$1.83 \$3.22 \$6.04	\$1.58 \$2.69 \$5.68	\$1.28 \$2.27 \$4.72	\$1.00 \$1.76 \$3.68
M8x1.75	1817	\$187.48	16.2	18173	\$4.81	\$4.08	\$3.37	\$2.63
M9x1.0	1910	\$181.23	9.0 12.0 14.0 18.0	19101 19103 19105 19107	\$4.81	\$4.08	\$3.37	\$2.63
M9x1.25	1912	\$117.16	9.0 13.0 18.0 22.0	19120 19121 19123 19127	\$3.22 \$4.81	\$2.69 \$4.08	\$2.27 \$3.37	\$1.76 \$2.63
M10x1.0	1010	\$111.97	6.2 8.0 9.0 15.0	10100 10105 10101 10103	\$2.46	\$2.08	\$1.70	\$1.35
M10x1.25	1012	\$104.16	9.0 14.0 16.2 20.0 25.0 40.0	10127 10121 10123 10125 10129 1012540	\$2.04 \$2.35 \$5.31	\$1.70 \$2.15 \$4.52	\$1.39 \$1.58 \$3.74	\$1.35 \$1.40 \$2.93
M10x1.5	1015	\$104.16	9.4 11.0 14.0 17.0 20.0 22.0 24.5 30.0 40.0	10157 101511 10151 101517 10153 101522 10155 10159 101591	\$2.04 \$2.35 \$2.99 \$5.31	\$1.70 \$2.15 \$2.54 \$4.52	\$1.39 \$1.58 \$2.10 \$3.74	\$1.35 \$1.40 \$1.62 \$2.93
M11x1.25	1112	\$132.81	22.0 28.0 30.0	11123 11121 11127	\$3.75 \$4.51	\$3.20 \$3.82	\$2.61 \$3.14	\$2.08 \$2.46
M11x1.5	1115	\$132.81	16.2 22.0 30.0	11151 11153 11155	\$3.75 \$4.51	\$3.20 \$3.82	\$2.61 \$3.14	\$2.08 \$2.76

METRIC KITS				CARBON STEEL INSERTS				
METRIC KIT SIZE	KIT PART NO.	KIT PRICE	Insert Length Metric	INSERT PART NO.	INSERTS CARBON STEEL PRICE EACH INSERT FOR QUANTITY INDICATED			
					10-19	20-99	100-499	500+
M12x1.25	1212	\$114.60	9.0	12121	\$2.46	\$2.08	\$1.70	\$1.35
			11.0	12129				
			15.0	12123				
			24.0	12125				
			30.0	12127	\$4.81	\$4.08	\$3.37	\$2.63
M12x1.5	1215	\$114.60	6.7	12157	\$2.46	\$2.08	\$1.70	\$1.35
			9.2	12151				
			16.2	12153				
			24.0	12155				
			30.0	12159	\$4.81	\$4.08	\$3.37	\$2.63
M12x1.75	1217	\$119.78	10.0	12177	\$2.54	\$2.15	\$1.76	\$1.39
			12.0	12170				
			16.2	12171				
			20.0	12175	\$2.91	\$2.46	\$2.04	\$1.61
			24.0	12173				
			30.0	12179	\$4.81	\$4.08	\$3.37	\$2.63
M13x1.5	1315	\$130.85	14.0	13151	\$2.99	\$2.54	\$2.10	\$1.74
			19.0	13153				
			24.0	13155	\$3.34	\$2.86	\$2.46	\$2.19
			28.0	13157				
M14x1.5	1415	\$140.65	6.6	14151	\$2.91	\$2.46	\$2.04	\$1.61
			9.4	14153				
			12.7	14155				
			16.0	141552	\$3.22	\$2.74	\$2.27	\$1.76
			17.8	14157				
			24.5	14158				
			28.0	14159				
M14x2.0	1420	\$140.65	12.0	14201	\$3.53	\$2.83	\$2.51	\$2.35
			18.0	14203				
			24.0	14205				
			30.0	14207	\$4.46	\$3.76	\$3.12	\$2.88
M16x1.5	1615	\$242.95	7.0	16151	\$4.46	\$3.76	\$3.12	\$2.88
			12.7	16153				
			16.0	161575	\$4.91	\$4.14	\$3.43	\$3.17
			20.0	16159				
24.0	16155							
			32.0	16157	\$5.76	\$4.89	\$4.04	\$3.19
M16x2.0	1620	\$242.95	16.0	16200	\$4.91	\$4.14	\$3.43	\$3.17
			24.0	16201				
			32.0	16203	\$5.76	\$4.89	\$4.04	\$3.19
			38.0	16205	\$6.69	\$5.68	\$4.72	\$3.68
M18x1.5	1815	\$258.53	10.0	18151	\$4.72	\$4.03	\$3.31	\$2.59
			15.0	18157				
			18.3	18153				
			27.0	18155	\$5.31	\$4.52	\$3.74	\$2.93
M20x1.5	2015	\$262.99	9.0	20150	\$8.79	\$7.54	\$6.22	\$4.91
			12.0	20151				
			17.0	20153				
			30.0	20155	\$10.67	\$9.03	\$7.41	\$5.84
M22x1.5	2215C	\$527.75	10.0	22151	\$16.02	\$14.52	\$11.27	\$9.73
			15.0	22153				
			20.0	22155				
M24x1.5	2415C	\$652.10	7.6	24150	\$16.53	\$15.70	\$14.65	\$14.28
			10.0	24151				
			15.0	24153				
			20.0	24155				
			30.0	24157	\$19.58	\$17.48	\$16.40	\$15.12

Bold text are insert lengths supplied in kits

January 2022

METRIC STAINLESS STEEL INSERTS

INSERT SIZE	Insert Length Metric	INSERT PART NO.	INSERTS STAINLESS STEEL PRICE EACH INSERT FOR QUANTITY INDICATED			
			10-19	20-99	100-499	500+
M3x0.5	4.3	13052	\$4.72	\$3.99	\$3.30	\$2.59
	6.0	13054				
M4x0.7	6.0	14072	\$5.03	\$4.14	\$3.37	\$2.62
	8.0	14074				
M5x0.8	5.0	150802	\$5.23	\$4.49	\$3.66	\$2.90
	7.6	15082	\$4.72	\$3.99	\$3.30	\$2.59
	10.0	15084				
M6x1.0	5.0	161002	\$5.23	\$4.49	\$3.66	\$2.90
	8.0	16106	\$4.20	\$3.58	\$2.96	\$2.30
	9.4	16102				
	12.0	16104				
M9x1.25	13.0	19122	\$4.72	\$3.99	\$3.30	\$2.59
	18.0	19124				
M8x1.25	8.0	18128	\$4.72	\$3.99	\$3.30	\$2.59
	11.7	18122				
	14.0	18126				
	16.2	18124				
	18.0	181226	\$5.23	\$4.49	\$3.66	\$2.90
20.0	181224					
M10x1.0	6.2	10106	\$5.23	\$4.49	\$3.66	\$2.90
	9.0	10102				
	15.0	10104				
M10x1.25	14.0	10122	\$5.23	\$4.49	\$3.66	\$2.90
	16.2	10124				
	20.0	10126	\$5.97	\$5.14	\$4.20	\$3.34
M10x1.5	9.4	10150	\$5.23	\$4.49	\$3.66	\$2.90
	14.0	10152				
	20.0	10154	\$5.97	\$5.14	\$4.20	\$3.34
	30.0	10158	\$8.48	\$7.21	\$5.93	\$4.68
M12x1.25	15.0	12124	\$7.20	\$6.11	\$5.09	\$3.97
	24.0	12126	\$8.48	\$7.21	\$5.93	\$4.68
M12x1.5	16.2	12152	\$7.20	\$6.11	\$5.09	\$3.97
	24.0	12154	\$8.48	\$7.21	\$5.93	\$4.68
	30.0	12160				
M12x1.75	16.2	12172	\$7.20	\$6.11	\$5.09	\$3.97
	24.0	12174	\$8.48	\$7.21	\$5.93	\$4.68
M14x1.5	9.4	14154	\$7.20	\$6.11	\$5.09	\$3.97
	12.7	14156				
	17.8	141550	\$8.48	\$7.21	\$5.93	\$4.68
	24.0	141551				
	26.0	141554				
28.0	141556					
M14x2.0	18.0	14204	\$8.48	\$7.21	\$5.93	\$4.68
M16x1.5	7.0	16150	\$16.17	\$13.72	\$11.49	\$10.07
	12.7	16152				
	24.0	16154				
M16x2.0	16.0	16202	\$16.17	\$13.72	\$11.49	\$10.07
	24.0	16204				
	32.0	16206				

SPARK PLUG KITS

KITS		
METRIC KIT SIZE	KIT PART NO.	KIT PRICE
1/4-32 RC engine glow plug	0142SP includes inserts	\$118.82
M10x1.0 standard	4010 NO inserts	\$155.27
M10x1.0 standard	4010-103 Includes 5 inserts (2) 9mm (5) 15mm	\$165.19
M10x1.0 standard	4010EXT-133 Includes 5 inserts (2) 9mm (3) 15mm	\$263.42
M10x1.0 honda	4010E2 5 inserts 40101	\$291.70
M10x1.0 glow plug	4010GP includes inserts	\$347.59
M10x1.25 glow plug Duramax 6.6 liter	5000 includes inserts	\$367.37
M12x1.25	4212 NO inserts	\$164.20
M12x1.25 Standard	4212-125 includes 6 inserts (2)ea 9, 15, 17.5	\$171.46
M12x1.25 Deep hole	4212E NO inserts	\$246.09
M12x1.25 2008 Ford 3 valve kit	4212H includes 5 inserts	\$285.12
M14x1.25 short kit 8mm length	14125F includes 5 inserts	\$151.70
M14x1.25 standard	4412 NO inserts	\$196.10
M14x1.25 Standard	4412-321 includes 5 inserts (2) 9.4, (3) 16.8	\$208.70
M14x1.25 deep hole	4412E NO inserts	\$246.09
M14x1.25 imports	4412E-111 includes 5 inserts	\$263.42
M14x1.25 domestic	4412E-187 includes 5 inserts	\$287.19
M14x1.25 deep hole	4490 Assorted inserts	\$406.90
M14x1.25	FORD 5553	\$510.63
M18x1.5	4815	\$331.87
7/8-18	4718	\$530.16

WASHER SEAT INSERTS									
INSERT	Insert Length Inch	Insert Length Metric	INSERT PART NO.	Price each insert for quantity					
				5-9	10-19	20-99	100-499	500+	
1/4-32	.180	4.5	01421	\$3.46	\$2.69	\$2.33	\$1.93	\$1.54	
M10x1.0	.360	9.0	40101	\$3.46	\$2.69	\$2.33	\$1.93	\$1.54	
	.472	12.0	40102						
	.600	15.0	40103						
	.905	23.0	40105						\$6.91
M10x1.25	.650	16.2	10123ANF aluminum special	\$7.00	\$6.41	\$5.78	\$5.23	\$4.61	
	M12x1.25	.360	9.0	42121	\$3.57	\$2.83	\$2.53	\$2.44	\$1.70
.600		15.0	42123						
.690		17.5	42125						
M12x1.25 taper seat	.866	22.0	42127	\$6.91	\$5.66	\$5.05	\$4.50	\$3.89	
	.945	24.0	42129						
M14x1.25	.827	21.0	42126 special	\$7.00	\$6.41	\$5.78	\$5.23	\$4.61	
	M18x1.5	.270	7.0	44121	\$3.57	\$2.83	\$2.53	\$2.44	\$1.70
		.320	8.0	44123					
		.370	9.4	44125					
		.430	11.0	44127					
		.530	13.5	44113					
.600	15.0	44129	\$4.24	\$3.37	\$2.76	\$2.60	\$1.96		
.660	16.8	44111	\$6.91	\$5.66	\$5.05	\$4.50	\$3.89		
.905	23.0	44112							
M18x1.5	.400	10.0	48151	\$6.91	\$5.66	\$5.05	\$4.50	\$3.89	
	.720	18.3	48153						
7/8-18	.430	11.0	47181	\$25.28	\$20.79	\$18.78	\$16.97	\$13.77	
	.780	20.0	47183						

SPECIAL SEAT CUTTERS		
SMALLER O.D TAPER SEAT CUTTERS For use on some taper seat sparkplug repairs that have limited access to the sparkplug hole.		
SIZE	P/N	PRICE
M14x1.25	44196	\$38.53
M14x1.25 Extended	44196E	\$45.82
M18x1.5	48196	\$55.32

SEAT CUTTER GUIDE For use when the step tap cannot be threaded deep enough to allow use of the seat cutter.		
SIZE	P/N	PRICE
M14x1.25	44195	\$19.24

TAPER SEAT INSERTS									
INSERT	Insert Length Inch	Insert Length Metric	INSERT PART NO.	Price each insert for quantity indicated. sealer p/n 6020 required for taper seat inserts.					
				5-9	10-19	20-99	100-499	500+	
M10x1.0	-----			-----					
M12x1.25	.827	21.0	42126	\$6.80	\$6.22	\$5.61	\$5.08	\$4.47	
M14x1.25	.270	7.0	44181	\$5.87	\$4.61	\$4.26	\$3.81	\$3.57	
	.400	10.0	44183						
	.620	15.7	44185						
	.660	16.8	44186						
M18x1.5	.950	24.0	44187	\$7.00	\$6.41	\$5.78	\$5.23	\$4.61	
	.827	21.0	48181	\$7.75	\$7.13	\$5.88	\$4.80	\$3.74	
7/8-18	-----			-----					

ALUMINUM WASHER SEAT INSERTS						
Insert Length Inch	Insert Length Metric	INSERT PART NO.	Price each insert for quantity			
			5-9	10-19	20-99	100+
.270	7.0	44121A	\$11.48	\$9.02	\$7.42	\$5.43
.320	8.0	44123A				
.370	9.4	44125A				
.430	11.0	44127A				
.530	13.5	44113A	\$13.59	\$10.74	\$8.81	\$6.81
.600	15.0	44129A				
.660	16.8	44111A				
.905	23.0	44112A	\$22.15	\$18.18	\$16.12	\$14.35

ALUMINUM TAPER SEAT INSERTS						
Insert Length Inch	Insert Length Metric	INSERT PART NO.	Price each insert for quantity			
			5-9	10-19	20-99	100+
.270 .400	7.0	44181A	\$14.09	\$11.11	\$10.24	\$9.13
.620	10.0	44183A				
.660	15.7	44185A				
	16.8	44186A				
.950	24.0	44187A	\$16.81	\$15.41	\$13.85	\$12.56

SEAT RECONDITION KIT		
Tooling used to recondition washer seat or taper seat sealing surface. THIS IS FOR HOLES THAT DO NOT HAVE AN INSERT.		
SIZE	P/N	PRICE
Washer seat kit	p/n 4412SRW	\$123.27
Taper seat kit	p/n 4412SRT	\$123.27

INDIVIDUAL RECONDITION SEAT CUTTERS		
Used to recondition sealing surface		
SIZE	P/N	PRICE
Washer Seat	p/n 44197 Cutter only	\$54.66
Taper Seat	p/n 44198 Cutter only	\$54.66

MANUFACTURER KITS

GENERAL MOTORS

KIT	KIT PART NO.	KIT PRICE	INSERT PART NO.	PRICE 10-19
NORTHSTAR 4.0/4.6 Head Bolt M11x1.5 General Motors	J-42385-500	\$524.72	11155	\$4.51
NORTHSTAR 4.0/4.6 Head Bolt OVERSIZED M11x1.5	J-42385-500BS	\$571.13	J-42385-507BS	\$6.20
NORTHSTAR 4.0/4.6 MainBearing M10x1.5 General Motors	J-42385-300	\$467.62	101522	\$2.35
NORTHSTAR 2000 Head Bolt M11x1.5 General Motors	J-42385-2000	\$524.72	11155	\$4.51
LL8 Straight 6 M11x2.0 Head Bolt	4001	\$524.72	112030	\$5.96
PV6 M11x1.5 Head Bolt also called LX5 3.5Liter	6001	\$524.72	11155	\$4.51
NORTHSTAR 2004 PV8 M11x2.0 General Motors	J-42385-2030	\$524.72	112030	\$5.96
GEN3 Engine Head Bolt M11x2.0 General Motors	J-42385-100	\$596.12	112030	\$5.96
GEN3 Engine MainBearing M10x2.0 General Motors	J-42385-120	\$467.62	102022	\$5.96
M11x2.0 2013 ECOTEC GEN2 2.0 LTG / 2.5 LCV	9530	\$528.69	112030	\$5.96
M11x2.0 High-Feature V6 3.0/3.6 liter	7330	\$528.69	112030	\$5.96

FORD

KIT	KIT PART NO.	KIT PRICE	INSERT PART NO.	PRICE 10-19
Ford Spark Plug M14x1.25	5553	\$510.63	51459	see big-sert
Ford Spark Plug M16x1.5 3 VALVE	3221	\$544.98	32214	\$7.13
Ford Head Bolt 4.6/5.4 M11x1.5	6111	\$553.29	11155	\$4.51
Ford Drain Pan Kit	0765	\$132.02	07629	\$3.74

BMW

KIT	KIT PART NO.	KIT PRICE	INSERT PART NO.	PRICE 10-19
M10x1.5 Head bolt With fixture plate	1090	\$524.72	10155	\$2.35
M10x1.5 Head bolt BIG-SERT OVERSIZED	1090BS	\$524.72	50155	\$5.84

HONDA

KIT	KIT PART NO.	KIT PRICE	INSERT PART NO.	PRICE 10-19
Honda D16 M10x1.25 Head Bolt	4160	\$524.72	10129	\$2.35
Honda Odyssey M12x1.5 Head Bolt	7220	\$560.76	12159	\$4.81
Honda Civic Hybrid M9x1.25 Head Bolt	9210	\$524.72	19127	\$4.81
Honda & Acura M11x1.5 Head Bolt	7111	\$524.72	11155	\$4.51
Honda & Acura Oversized M11x1.5 Head Bolt	7111BS	\$554.50	J-42385-507BS	\$6.56
Honda Pipe Thread Repair Kit 1/8-28 BSBP	0128	\$332.64	01281	\$10.91
Honda & Acura drain pan "Aluminum" M14x1.5 drain plug	1415C	\$156.24	14153	\$2.91
Honda & Acura drain pan "tin pans"	1485 Reduces M14 to M12	\$92.93	12151	\$2.46
Honda & Acura Alternator Bolt M10x1.25	1012C	\$116.91	10125	\$2.04
BIG-SERT Honda & Acura Alternator Bolt M10x1.25	5012C	\$137.67	50123	\$5.84

VOLKSWAGEN

KIT	KIT PART NO.	KIT PRICE	INSERT PART NO.	PRICE 10-19
Volkswagen Touareg Drain Pan M24x1.5	2415C	\$652.10	24150	\$14.37
Porsche & V.W Case Studs M10x1.5	1085	\$203.76	10155	\$2.35
Optional Tap Guide Plate	31084	\$31.31		
Solex carb M11x1.0	1181	\$164.55	11811	\$3.55
Solex carb M8x1.0	1881	\$160.24	18811	\$3.19
M8x1.0 Solex recondition Seat kit	1882	\$36.15		

TOYOTA

KIT	KIT PART NO.	KIT PRICE	INSERT PART NO.	PRICE 10-19
Universal M11x1.5 Head Bolt	2200	\$528.69	11155	\$4.51

TAPER PIPE THREAD KITS						
KIT	KIT PART NO.	KIT PRICE	INSERT PART NO.	PRICE QTY INDICATED		
				1-19	20-99	100-500
1/8-27	0127	\$117.81	01271	\$3.97	\$2.86	\$2.23
1/8-27 Stainless	0127S	\$136.76	01272	\$7.95	\$5.73	\$4.45
1/8-28 Honda	0128	\$332.64	01281	\$10.91	\$10.17	\$6.82
1/4-18	0118	\$182.06	01181	\$5.97	\$4.63	\$3.61
1/4-18 Stainless	0118S	\$210.64	01182	\$11.96	\$9.29	\$7.22
3/8-18	0318	\$217.75	03181	\$7.33	\$5.27	\$4.09
3/8-18 Stainless	0318S	\$252.77	03182	\$14.64	\$10.52	\$8.19
1/2-14	0214	\$342.67	02141	\$9.10	\$6.54	\$5.09
1/2-14 Stainless	0214S	\$386.18	02142	\$18.18	\$13.11	\$10.19
3/4-14	0414	\$474.76	04141	\$16.01	\$12.71	\$9.89

Special Applications					
KIT	KIT PART NO.	KIT PRICE	INSERT PART NO.	PRICE 10-19	PRICE 20-99
M18x1.5 O2 SENSOR	1815SENSOR	\$430.51	18152NF	\$11.27	\$7.35
Bendix Aircraft Wheel 1/4-28	01488	\$123.16	014888	\$5.14	\$3.80
Bendix Aircraft Wheel 1/4-28 OVERSIZED	01489	\$230.24	014899	\$5.14	\$3.80
M10x1.5x30mm FLUSH SURFACE KIT	1015D30	\$150.73	10159	\$2.99	\$2.54
Rocker Arm M8x1.25 CORE KIT	1812CORE	\$137.42	18125117N	\$1.83	\$1.58
BIG-SERT Rocker Arm M8x1.25 CORE KIT	1812CORE-BS	\$203.76	58121	\$5.65	\$4.23
M8x1.25 CORE KIT flush repair	1812CORE-FL	\$137.42	18125117N	\$1.83	\$1.58
Rocker Arm M10x1.5 CORE KIT	1015CORE	\$178.48	101511	\$2.04	\$1.70
Extended M8x1.25 5" CORE KIT	1812ECORE	\$201.94	18125162N	\$1.83	\$1.58

DRAIN PAN REPAIR KITS METRIC

KIT	KIT PART NO.	KIT PRICE	INSERT PART NO.	PRICE QTY INDICATED	
				1-19	20-99
M8x1.25 Drain Pan	1812C	\$96.34	18125	\$1.83	\$1.58
M10x1.5 Drain Pan	1015A	\$114.60	10157	\$2.04	\$1.70
M12x1.25 Drain Pan	1212C	\$127.57	12121	\$2.46	\$2.08
M12x1.5 Drain Pan	1215C	\$127.57	12151	\$2.46	\$2.08
M12x1.75 Drain Pan	1217C	\$134.89	12170	\$2.54	\$2.15
M14x1.5 Aluminum Drain Pan	1415C	\$156.24	14153	\$2.91	\$2.46
M14x1.5 Aluminum Drain Pan	1415A	\$156.24	14155	\$2.91	\$2.46
M14x1.5 S&D drill kit	1415CS&D	\$156.24	14155	\$2.91	\$2.46
Honda & Acura "TIN PANS ONLY"	1485	\$106.76	12151	\$2.46	\$2.08
M14x1.25 Drain Pan	14125A	\$153.62	44127	\$3.57	\$2.83
M16x1.5 Drain Pan	1615C	\$264.97	16153	\$4.46	\$3.76
M18x1.5 Drain Pan	1815C	\$265.68	18151	\$4.72	\$4.03
M20x1.5 Drain Pan	2015A	\$296.12	20151	\$8.79	\$7.54
M22x1.5 Drain Pan	2215C	\$527.75	22151	\$16.02	\$14.52
M24x1.5 Drain Pan	2415C	\$652.10	24150	\$16.53	\$15.70

DRAIN PAN REPAIR KITS INCH

KIT	KIT PART NO.	KIT PRICE	INSERT PART NO.	PRICE QTY INDICATED	
				1-19	20-99
1/2-20 Drain Pan	0122A	\$136.39	01225	\$2.91	\$2.46
Ford Drain pan "TIN PANS ONLY"	0765	\$107.88	07629	\$3.74	\$3.06
3/4-16 Drain Pan	0346C	\$314.27	03460	\$8.63	\$7.36
3/4-10 Drain Pan	0341C	\$314.27	03415	\$8.63	\$7.36

UNIVERSAL HEAD BOLT KITS

KIT	KIT PART NO.	KIT PRICE	INSERT PART NO.	PRICE QTY INDICATED	
				1-19	20-99
M10x1.5 Head Bolt	7580	\$524.72	10155	\$2.35	\$2.15
M10x1.25 Head Bolt	6250	\$524.72	10129	\$2.35	\$2.15
M11x1.5 Head Bolt	2200	\$528.69	11155	\$4.51	\$3.82
M11x1.25 Head Bolt	11125	\$528.69	11127	\$4.51	\$3.82
M11x2.0 Head Bolt	3700	\$528.69	112030	\$5.96	\$5.23
M12x1.5 Head Bolt	4800	\$553.33	12159	\$4.81	\$4.08
M12x1.25 Head Bolt	4700	\$553.33	12127	\$4.81	\$4.08
M12x1.75 Head Bolt	4900	\$553.33	12179	\$4.81	\$4.08
7/16-14 Head Bolt	14300	\$553.33	121888	\$4.81	\$4.08

UNIVERSAL BIG-SERT HEAD BOLT KITS

KIT	KIT PART NO.	KIT PRICE	INSERT PART NO.	PRICE QTY INDICATED		
				5-49	50-99	100+
M10x1.5 Head Bolt	7580BS	\$524.72	50155	See Big-Sert		
M10x1.25 Head Bolt	6250BS	\$524.72	50125	See Big-Sert		
M11x1.5 Head Bolt	2200BS	\$553.33	J-42385-507BS	\$6.20	\$5.04	\$4.56
M11x1.25 Head Bolt	11125BS	\$553.33	51125	\$6.20	\$5.04	\$4.56
M11x2.0 Head Bolt	3700BS	\$553.33	37004	\$6.20	\$5.04	\$4.56
M12x1.25 Head Bolt	4700BS	\$553.33	52125	See Big-Sert		
M12x1.5 Head Bolt	4800BS	\$553.33	52155	See Big-Sert		
M12x1.75 Head Bolt	4900BS	\$553.33	52175	See Big-Sert		

Universal BIG-SERT Head alignment dowels

Style size M11 kits	Part No.	Price each
Toyota/Honda style .550	31304	\$13.40
Gm style .617	J-42385-508BS	
Subaru style .579	11126	
Style size M10 kits	Part No.	Price each
BMW style .530	7588BS	\$13.40
Toyota/Honda style .550	6255BS	

USEFUL TOOLS

TAP GUIDES

INCH			METRIC		
SIZE	PART #	PRICE	SIZE	PART #	PRICE
1/4-20	31420	\$8.92	M6x1.0	36105	\$8.92
1/4-28	31420	\$8.92	M8x1.25	38125	\$8.92
5/16-18	35168	\$8.92	M10x1.5	30155	\$8.92
5/16-24	35168	\$8.92	M10x1.25	30125	\$8.92
3/8-16	33816	\$8.92	M12x1.5	32155	\$15.19
3/8-24	33824	\$8.92	M12x1.25	32125	\$15.19
7/16-14	37164	\$15.19	M12x1.75	32175	\$15.19
7/16-20	37162	\$15.19	M14x1.5	34155	\$16.97
1/2-13	31213	\$16.97	M16x1.5	36155	\$19.38
1/2-20	31225	\$16.97	M18x1.5	38155	\$19.38
3/4-10	33415	\$21.42	M20x1.5	30215	\$21.42
3/4-16	33416	\$21.42	M22x1.5	32255	\$22.14
			M24x1.5	32455	\$22.14

TAP WRENCH

SIZE	PART#	PRICE
00	C67201	\$85.79
5	C67202	\$106.22
6	C67203	\$95.22
7	C67204	\$125.85
8	C67205	\$272.98

T HANDLE WRENCH

SIZE	PART#	PRICE
T11	C67208	\$45.57
T12	C67209	\$52.68

SCREW EXTRACTOR

PART #	PRICE
73307	\$22.70
73308	\$36.04
73406	\$12.41
73415	\$22.64

Recondition cutter Drain pan

PART #	PRICE	
M12	32176	\$43.66
M14	34156	\$43.66

TAP SOCKETS

PART #	PRICE
70500	\$60.57
70940	\$51.81

MISCELLANEOUS

Master box	6080	\$64.67
Large box	6082	\$9.36
Small box	6081	\$7.87
Driver Oil	6010	\$5.62
Sealer	6020	\$23.53

BIG-SERT®

Second Repair for OverSized holes

www.ptisert.com

January 2022

METRIC	KIT SIZE	PART NO.	PRICE	INSERT LENGTH	PART NO.	PRICE EACH INSERT FOR QUANTITY INDICATED			
						5	10	20	100+
	5x0.8	5508	\$87.95	7.6mm	55081	\$5.14	\$3.88	\$3.17	\$2.13
				10.0mm	55083				
	6x1.0	5610	\$90.08	9.4mm	56101	\$5.39	\$4.06	\$3.38	\$2.31
				12.0mm	56103				
	8x1.25	5812	\$99.28	11.7mm	58121	\$5.65	\$4.23	\$3.54	\$2.40
				16.2mm	58123				
				18.0mm	58125				
	10x1.0	5011	\$108.46	9.0mm	50111	\$5.84	\$4.37	\$3.66	\$2.48
				15.0mm	50113				
	10x1.25	5012	\$108.46	14.0mm	50121	\$5.84	\$4.37	\$3.66	\$2.48
				20.0mm	50123				
	10x1.5	5015	\$108.46	14.0mm	50151	\$5.84	\$4.37	\$3.66	\$2.48
				20.0mm	50153				
				24.5mm	50155				
	12x1.5	5215	\$134.20	9.0mm	52150	\$6.22	\$4.69	\$3.89	\$2.66
				16.2mm	52151				
				24.0mm	52153				
				30.0mm	52155	\$6.56	\$4.99	\$4.21	\$2.98
	12x1.75	5217	\$134.20	12.0mm	52170	\$6.22	\$4.69	\$3.89	\$2.66
				16.2mm	52171				
				24.0mm	52173				
				30.0mm	52175	\$6.56	\$4.99	\$4.21	\$2.98
	12x1.25	5212	\$134.20	9.0mm	52120	\$6.22	\$4.69	\$3.89	\$2.66
				15.0mm	52121				
				17.5mm	52122				
				24.0mm	52123				
				30.0mm	52125	\$6.56	\$4.99	\$4.21	\$2.98

INCH	KIT SIZE	PART NO.	PRICE	INSERT LENGTH	PART NO.	PRICE EACH INSERT FOR QUANTITY INDICATED			
						5	10	20	100+
	10-32	5032S	\$82.78	.187	50324	\$3.36	\$2.84	\$2.35	\$1.85
	1/4-20	5420	\$90.08	.380	54201	\$5.39	\$4.06	\$3.38	\$2.31
				.500	54203				
	1/4-28	5448	\$90.08	.380	54481	\$7.04	\$5.30	\$4.39	\$3.00
				.500	54483				
	5/16-18	5561	\$99.28	.450	55611	\$5.65	\$4.23	\$3.54	\$2.40
				.620	55613				
	5/16-24	5562	\$99.28	.450	55621	\$7.33	\$5.50	\$4.57	\$3.12
				.620	55623				
	3/8-16	5381	\$108.46	.400	53810	\$5.84	\$4.37	\$3.66	\$2.48
				.520	53811				
				.750	53813				
				1.000	53815				
	3/8-24	5382	\$108.46	.520	53821	\$7.49	\$5.61	\$4.69	\$3.20
				.750	53823				
	7/16-14	5761	\$123.17	.600	57611	\$6.22	\$4.69	\$3.89	\$2.61
				.870	57613				
				1.000	57615				
				1.250	57617				
	7/16-20	5762	\$123.17	.600	57621	\$7.90	\$5.92	\$4.95	\$3.37
				.870	57623				
	1/2-13	5121	\$148.91	.650	51211	\$8.25	\$6.19	\$5.14	\$3.47
				1.000	51213				
	1/2-20	5122	\$148.91	.650	51221	\$8.25	\$6.19	\$5.14	\$3.47
				1.000	51223				

BIG-SERT®

Second Repair M14x1.25 Spark Plug Repair Kits & Inserts

Repairs Oversized holes as large as .660 inches or 16.8mm

January 2022

BIG-SERT® M14x1.25 Spark Plug Inserts Carbon Steel

SPARK PLUG	KIT SIZE	PART NO.	PRICE	WASHER INSERTS	PART NO.	PRICE 1-5	PRICE 10	PRICE 20	PRICE 100	PRICE 500+	WASHER SEAT INSERTS
	M14x1.25 SHORT	5141S	\$377.74	9.4mm	51401	\$8.77	\$7.69	\$7.05	\$5.78	\$5.14	
	M14x1.25 EXTENDED	5141E	\$414.54	11.0mm	51403						
"5141S & 5141E KITS DO NOT INCLUDE INSERTS" order separately				15.0mm	51405	\$9.61	\$8.53	\$7.91	\$6.66	\$5.78	
				16.8mm	51407						
				23.0mm	51409	\$12.47	\$11.83	\$11.26	\$10.65	\$9.79	

INCLUDES 8 INSERTS TOTAL ASSORTED LENGTHS	M14x1.25 Short with Inserts	5141S-457	\$421.74	Included Washer Inserts	Qty (1) 51401	Qty (2) 51407	Qty (1) 51409
	M14x1.25 Extended with inserts	5141E-469	\$468.88	Included Taper Inserts	Qty (1) 51453	Qty (2) 51457	Qty (1) 51469

BIG-SERT TAPER SEAT INSERTS FOR FULLY THREADED SPARK PLUGS	TAPER INSERTS	PART NO.	PRICE 1-5	PRICE 10	PRICE 20	PRICE 100	PRICE 500+	TAPER SEAT INSERTS	
	11.0mm	51453	\$12.47	\$11.83	\$11.26	\$10.65	\$9.79		
	15.7mm	51455							
	16.8mm	51457	\$13.74	\$13.13	\$12.54	\$11.93	\$11.06		
	24.5 full	51469	\$15.81	\$14.73	\$14.09	\$13.52	\$12.63		
FORD TRITON	5553	\$510.63	16.8mm	51459	\$14.55	\$13.47	\$12.82	\$12.26	\$11.42
FORD TRITON	5553-8	\$544.63							
FORD Z-tech	5554	\$510.63	24.0mm	51460	\$15.81	\$14.73	\$14.09	\$13.52	\$12.63

Ford Triple oversized	5600	\$557.80	16.8mm	55522	\$7.61	\$6.82	\$6.04	\$5.23	\$4.62	triple insert
Repairs holes up to .730 inches			16.8mm	51457	\$13.74	\$13.13	\$12.54	\$11.93	\$11.06	standard
Ford add-on	5588	\$335.56	16.8mm	55522	\$7.61	\$6.82	\$6.04	\$5.23	\$4.62	triple insert

BIG-SERT® M14x1.25 Spark Plug Inserts Aluminum

BIG-SERT WASHER SEAT INSERTS FOR FULLY THREADED SPARK PLUGS	WASHER INSERTS	PART NO.	PRICE 1-5	PRICE 10	PRICE 20	PRICE 100	PRICE 500+	WASHER SEAT INSERTS
	9.4	51401A	\$17.55	\$15.39	\$14.46	\$13.86	\$13.16	
	11.0	51403A						
	15.0	51405A	\$18.70	\$17.69	\$16.76	\$15.01	\$14.31	
16.8	51407A							

BIG-SERT TAPER SEAT INSERTS FOR FULLY THREADED SPARK PLUGS	TAPER INSERTS	PART NO.	PRICE 1-5	PRICE 10	PRICE 20	PRICE 100	PRICE 500+	TAPER SEAT INSERTS
	9.4	51451A	\$24.93	\$23.71	\$22.51	\$21.29	\$17.73	
	11.0	51453A						
	15.0	51455A						
	16.8	51457A	\$27.47	\$26.27	\$25.07	\$23.85	\$20.32	
24.5	51458A							
FORD TRITON	16.8	51459A	\$29.07	\$26.92	\$25.65	\$24.54	\$22.09	
FORD Z-tech	24.0	51460A	\$29.07	\$26.92	\$25.65	\$24.54	\$22.09	

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