

FAST-ZONE

VALVE SPRING KITS

LATE MODEL HONDA/ACURA MOTORS

We are pleased to offer our new Fast-Zone™ High Performance Harmonically Dampened Valve Spring Kits for the popular late model Honda 4-CYL SOHC and DOHC Platforms.

Isky Valve Spring Kits are engineered for street or race applications. All kits are drop-in installations. In some cases with ihger lift cams, the only modification required is machining the valve guide to allow for additional retainer to seal clearance.

Isky Valve Springs are wound from the finest quality, super clean chrome-silicon wire and processed for maximum durability and sustained performance.



HONDA CIVIC D16A6 1.6L SOHC

The Civic kit consists of Single Valve Springs, Titanium Retainers and Exhaust Valve Spring Locaters. No machining required for installation.

KIT COMPONENTS

Kit Part No.	(16) Valve Springs	O.D. I.D.	Seat Press.	Open Press.	(16) Titanium Retainers	(8) Exhaust Spring Locaters	Coil Bind	Max Lift
12300	306-S	.934" .650"	65 lbs @1.670"	155 lbs @1.220"	116-TI	116-VSL	1.080"	.475"

Note: Isky 306-S single valve springs are compatible with stock steel retainers. However, stock retainers weigh 11.4 grams and our 116-TI is only 6 grams (a considerable weight advantage for the high revving enthusiast)! Retain stock intake locaters but discard stock exhaust locaters and replace with Isky 116-VSL for a uniform intake/exhaust installed valve spring height. Use stock valve locks.



FAST-ZONE

VALVE SPRING KITS

ACURA B-18A/B 1.8L DOHC (NON-VTEC)

Several options are available for the B-Series Acura. The 406-S Single Outer is a great Harmonically Dampened "Stock Replacement" Valve Spring for pure Stock Cams and is compatible with Stock Retainers, Locaters and Valve Locks.

When converting to Dual Springs for high performance applications on the "B" Series Cylinder Head, you must also install our special Hand-Seat Locaters and Titanium Retainers as the Stock units are not machined to accept the inner spring. Use Stock Valve Locks with both 12500 and 12600 kits.



KIT COMPONENTS

Kit Part No.	(16) Valve Springs	Outer OD/ID	Inner OD/ID	Seat Press.	Open Press.	(16) Titanium Retainers	(16) Spring Locaters	Coil Bind	*Max Lift
12500	406-S (Single)	1.105" .815"	---	50 lbs @1.400"	125 lbs @1.000"	---	---	.750"	.400"
	3205 *(Dual) street	1.105" .815"	.815" .630"	54 lbs @1.400"	160 lbs @.950"	118-TI	118-VSL	.720"	*.480"
12600	3305 *(Dual) race	1.105" .815"	.815" .610"	70 lbs @1.400"	204 lbs @.950"	118-TI	118-VSL	.720"	*.500"

*Warning: any valve lift over .440" will require machining down the valve guide to prevent retainer to valve seal interference.

Weight Comparison (grams)

Stock Retainers	14.3
Isky 118-TI (titanium)	7.0



FAST-ZONE

VALVE SPRING KITS

D16Z & Y 50HC VTEC

The "D" Series VTEC kit consists of Single Harmonic Dampening Valve Springs and Titanium Retainers. In most cases, the stock steel retainer is adequate, as it only weighs 6.4 grams. However, for those who want maximum weight reduction, Isky 117-TI Titanium Retainers weigh only 4.2 grams. The 506-S Single Valve Spring is great for all around performance.

No machining required for installation.



KIT COMPONENTS

Kit Part No.	(16) Valve Springs	O.D. I.D.	Seat Press.	Open Press.	(16) Titanium Retainers	Coil Bind	Max Lift
12400	506-S	.889" .605"	60 lbs @1.950"	165 lbs @1.500"	117-TI	1.395"	.450"

Note: retain stock intake and exhaust locaters and valve locks.



FAST-ZONE

VALVE SPRING KITS

HONDA/ACURA DOHC VTEC

**B Series (B-16A, B-17A, B-18C)
H-22 Series**

The DOHC VTEC kit consists of Dual Harmonically Dampened Valve Springs, Hard-Seat Spring Locaters and Titanium Retainers. No machining is required for installation.

Although compatible with stock retainers, for sustained high rpm we highly recommend Isky 119-TI Titanium Retainers as they offer a tremendous weight savings. See chart below.



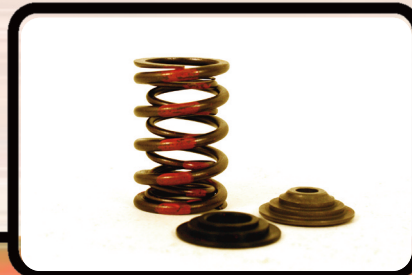
KIT COMPONENTS

Kit Part No.	(16) Valve Springs	Outer OD/ID	Inner OD/ID	Seat Press.	Open Press.	(16) Titanium Retainers	(16) Spring Locaters	Coil Bind	Max Lift
12700	3405 "B" Series	1.169" .885"	.885" .675"	80 lbs @1.320"	190 lbs @.850"	119-TI	119-VSL	.760"	.470"
12800	3505 "H-22" Series	1.169" .885"	.885" .659"	78 lbs @1.400"	195 lbs @.930"	119-TI	119-VSL	.880"	.470"

Note: retain stock valve locks.

Weight Comparison (grams)

Stock Retainers 13.5
Isky 119-TI (titanium) 9.0



ISKY
RACING CAMS

BMC • "A" TYPE 4 Cyl. OHV Engines AUSTIN-HEALY SPRITE

Sprite - Morris Minor - Mini - Cooper - Midget
850, 948, 970, 997, 998, 1070, 1098 & 1275 CC

*NOTE: CAMS NOT AVAILABLE OUTRIGHT.



GRIND NO.	TYPE	INTAKE	EXHAUST	VALVE LIFT	VALVE LASH HOT	ADVERTISED DURATION	.050 DURATION	GRIND CUSTOMERS CAM
MM-32	TORQUER	22-56	59-25	.330	.016	258°	221°	B
				.325	.019	264°	228°	
MM-55	COMBINATION	25-59	59-25	.325	.016	264°	228°	A
				.325	.019	264°	228°	
MM-66	COMPETITION	36-70	70-36	.325	.020	286°	250°	A
				.325	.020	286°	250°	
MM-88	MAX. COMP	43-77	77-43	.405	.025	300°	254°	A
				.405	.025	300°	254°	
MM-99	MAX. COMP	53-87	87-53	.405	.025	320°	262°	A
				.405	.025	320°	262°	

ASSEMBLY KIT COMPONENTS (STREET & COMPETITION)

VVE-005	8	SILICON CHROME OUTER VALVE SPRINGS
SP-006	8	SILICON CHROME INNER VALVE SPRINGS
SP-003	8	CHROME MOLY TUBULAR PUSHRODS (850-1098CC)
SP-013	8	CHROME MOLY PUSHRODS (1275CC)
SP-007	8	ALUMINUM VALVE SPRING RETAINERS

(ONE CAN OF ISKY REV LUBE INCLUDED FREE WITH CAMS)

COMPETITION ASSEMBLY KIT (SUPER COMPETITION)

VVE-005	8	SILICON CHROME OUTER VALVE SPRINGS
SP-116	8	SILICON CHROME INNER VALVE SPRINGS
SP-003	8	CHROME MOLY TUBULAR PUSHRODS (850-1098CC)
SP-013	8	CHROME MOLY PUSHRODS (1275CC)
SP-007	8	ALUMINUM VALVE SPRING RETAINERS

BMW • 2002-1600 4 CYL SOHC

*NOTE: We also grind the 6 cyl. BMW camshaft. \$360 grind charge suggested retail.
CAMS NOT AVAILABLE OUTRIGHT.



GRIND NO.	TYPE	VALVE LIFT	VALVE LASH COLD	ADVERTISED DURATION	GRIND CUSTOMERS CAM
Z-329	COMBINATION	.378	.010	300°	B
Z-338	COMPETITION	.410	.010	310°	B
Z-327	SUPER COMBINATION	.438	.010	320°	B This grind can only be put on the factory 324° cam.

VALVE SPRING KIT

Use stock valve spring retainers.

625	8	SILICON CHROME OUTER VALVE SPRINGS
626	8	SILICON CHROME INNER VALVE SPRINGS

All Camshafts on this page are not legal for sale or use on pollution controlled motor vehicles operated on highways or roads.

DATSUN • 4-Cyl.

1300cc (B-210)
& LATE 1200cc Pushrod Engine (A-12)



*NOTE: CAMS NOT AVAILABLE OUTRIGHT.

GRIND NO.	TYPE	INTAKE	EXHAUST	VALVE LIFT	VALVE LASH HOT	ADVERTISED DURATION	.050 DURATION	GRIND CUSTOMERS CAM
DB-66	COMBINATION	22-64	64-22	.420	.020	266°	228°	A
DB-77	COMPETITION	32-74	74-32	.420	.020	286°	250°	A
DB-99	SUPER COMPETITION	39-81	81-39	.480	.028	300°	254°	A
Z-105-14	SUPER COMPETITION	52-80	80-52	.534	.028	312°	270°	A
Z-291-04	SUPER COMPETITION	46-84	74-56	.512	.028	310°	265°	A

ASSEMBLY KIT COMPONENTS

455-D 8 SILICON CHROME OUTER VALVE SPRINGS
JA-006 8 SILICON CHROME INNER VALVE SPRINGS

(ONE CAN OF ISKY REV LUBE INCLUDED FREE WITH CAM.)

DATSUN • 4-Cyl. Pushrod Engines

EARLY 1200/1300cc *(J-13) &
LATE 1500/1600cc *(R-16)

*NOTE: CAMS NOT AVAILABLE OUTRIGHT.

GRIND NO.	TYPE	INTAKE	EXHAUST	VALVE LIFT	VALVE LASH HOT	ADVERTISED DURATION	.050 DURATION	GRIND CUSTOMERS CAM
DR-66	COMBINATION	24-62	62-24	.420	.020	266°	228°	A
DR-77	COMPETITION	34-72	72-34	.420	.020	286°	250°	A
DR-99	SUPER COMPETITION	42-78	78-42	.480	.028	300°	254°	A

ASSEMBLY KIT COMPONENTS

#906-AM(8) 8 SILICON CHROME INNER VALVE SPRINGS
D-003 8 CHROME MOLY TUBULAR PUSHRODS, NON-ADJUSTABLE (1300 C.C.)
D-013 8 CHROME MOLY TUBULAR PUSHRODS, NON-ADJUSTABLE (1500 C.C.)

ENGINE SERIAL OR ID# STAMPED ON BLOCK BEGINS WITH THIS CODE.
(ONE CAN OF ISKY REV LUBE INCLUDED FREE WITH CAM.)

DATSUN • 1600cc L-16 : 1800cc L-18 & NEW 2000cc L-20 4 Cyl. SOHC Engines

*NOTE: Thicker valve lash caps are required for correct geometry (order by Part # listed below).



OUTRIGHT PART NO.	GRIND NO.	VALVE LASH CAP PART NO.	TYPE	INTAKE	EXHAUST	VALVE LIFT	VALVE LASH COLD	ADVERTISED DURATION	.050 DURATION	GRIND CUSTOMERS CAM
710147	L-475	LC-175	STAGE I	26-64	64-26	.475	.006 .008	270°	222°	A
710148	L-480	LC-175	STAGE II	31-69	69-31	.480	.008 .010	280°	232°	A
710149	L-490	LC-175	STAGE III	36-74	74-36	.490	.010 .012	290°	242°	A
710196	Z-196	LC-263	COMPETITION	51-75	75-51	.530	.010	306°	264°	A
710127	Z-273	LC-263	COMPETITION	51-75	75-51	.595	.010	306°	274°	A

ASSEMBLY KIT

7005 (8) 8 PAIR SPECIAL ALLOY DUAL VALVE SPRINGS
1624-ST (8) 8 STEEL VALVE SPRING RETAINERS

DATSUN • 6 Cyl. SOHC L-24 Engine 2400cc (240-Z) & 2600cc (260-Z) & 2800cc (280-Z)

*NOTE: Thicker valve lash caps are required for correct rocker arm geometry (order by Part # listed below).



240Z/260Z OUTRIGHT PART NO.	280Z OUTRIGHT PART NO.	GRIND NO.	VALVE LASH CAP PART NO.	TYPE	INTAKE	EXHAUST	VALVE LIFT	VALVE LASH COLD	ADVERTISED DURATION	.050 DURATION	GRIND CUSTOMERS CAM
715147	718147	L-475	LC-175	STAGE I	26-64	64-26	.475	.006 .008	270°	222°	B
715148	718148	L-480	LC-175	STAGE II	31-69	69-31	.480	.008 .010	280°	232°	B
715149	718149	L-490	LC-175	STAGE III	36-74	74-36	.490	.010 .012	290°	242°	B
715196	718196	Z-196	LC-263	COMPETITION	51-75	75-51	.530	.010	306°	264°	B
715127	718127	Z-273	LC-263	COMPETITION	51-75	75-51	.595	.010	306°	274°	B

ASSEMBLY KIT

7005 (12) 12 PAIR SPECIAL ALLOY DUAL VALVE SPRINGS
1624-ST(12) 12 STEEL VALVE SPRING RETAINERS

(ONE CAN OF ISKY REV LUBE INCLUDED FREE WITH CAMS.)

ENGINE:	240Z	260-280Z
STAGE I	HIGHER LIFT THAN STOCK CAM (SAME DURATION)	HIGHER LIFT BUT SLIGHTLY SHORTER DURATION THAN STOCK CAM
STAGE II	HIGHER LIFT + 10° DURATION OVER STOCK	HIGHER LIFT THAN STOCK CAM (SAME DURATION)
STAGE III	HIGHER LIFT + 20° DURATION OVER STOCK	HIGHER LIFT + 10° DURATION STOCK

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FORD ANGLIA 105E, 109E, 116E and Cortina *PINTO 1600 Engine & FIESTA



OUTRIGHT PART NO.	GRIND NO.	TYPE	INTAKE	EXHAUST	VALVE LIFT	VALVE LASH HOT	ADVERTISED DURATION	GRIND CUSTOMERS CAM
580184	OR-84	MAXIMUM COMP.	41-79	79-41	.448	.020	300°	A
580144	E-4	TORQUER	19-57	57-19	.425	.018	256°	A
580166	AN-66	COMBINATION	23-61	61-23	.448	.018	264°	A
580100	RPM	COMPETITION	30-68	68-30	.426	.018	278°	A
580111	SUPER RPM	COMPETITION	47-85	85-47	.429	.030	312°	A
580188	AN-88	SUPER COMPETITION	41-79	79-41	.507	.028	300°	A
580133	*PT-3	For '67 & Up 1600 engs.	18-62	62-18	.455	.024	260°	A

ASSEMBLY KIT COMPONENTS

AN-003	8	CHROME MOLY TUBULAR PUSHRODS, 105E, 109E
AN-013	8	CHROME MOLY TUBULAR PUSHRODS (116E)
*453	8	CHROME MOLY TUBULAR PUSHRODS (1600) PINTO & CORTINA
VVE-005	8	SILICON CHROME OUTER VALVE SPRINGS
SP-006	8	SILICON CHROME INNER VALVE SPRINGS (STREET & COMPETITION)
SP-116	8	SILICON CHROME INNER VALVE SPRINGS (SUPER COMPETITION)
AN-007	8	ALUMINUM VALVE SPRING RETAINERS

***NOTE:** This is the only cam that may be installed without notching the piston on the '67 and later 1600 GT engine with crossflow heads and dish-top pistons. This engine also comes in the Ford Pinto. These engines take the #453 pushrod.

HONDA "CIVIC" • 4 CYL. SOHC (1973-79) (1200cc)



OUTRIGHT PART NO.	GRIND NO.	TYPE	VALVE LIFT	ADVERTISED DURATION	VALVE LASH COLD	GRIND CUSTOMER'S CAM
570129	H-294	OVAL TRACK ROAD RACING	.414	294°	.012 .014	B
570133	Z-337	OVAL TRACK ROAD RACING	.465	290°	.010	B

ASSEMBLY KIT COMPONENTS

VVE-005	8	CHROME SILICON OUTER VALVE SPRINGS
SP-116	8	CHROME SILICON INNER VALVE SPRINGS

(USE STOCK RETAINERS & INSTALL OUTER SPRING AT 1.300" - SHIM IF NECESSARY)

FORD ESCORT • 4 Cylinder SOHC (cam in head) Early Engines

*NOTE: CAMS NOT AVAILABLE OUTRIGHT.

Similar profiles are available for later model factory camshafts equipped with hyd roller lifters. Please contact the Isky factory for more information.



GRIND NO.	TYPE	INTAKE	EXHAUST	VALVE LIFT	VALVE LASH HOT	ADVERTISED DURATION	GRIND CUSTOMERS CAM
256-HYD	TORQUER	18-58	70-6	.467	.000	256°	B
262-B HYD	COMBINATION	19-63	63-19	.458	.000	262°	B
Z-206B HYD	COMPETITION	28-72	72-28	.480	.000	280°	B

JAGUAR • D.O.H.C. • 6-Cylinder

*NOTE: We also grind the V-12 Jaguar camshafts to XM-2 and XM-3 specs.: \$480.00 list.

CAMS NOT AVAILABLE OUTRIGHT.



GRIND NO.	TYPE	INTAKE	EXHAUST	VALVE LIFT	VALVE LASH COLD	ADVERTISED DURATION	.050 DURATION	GRIND CUSTOMERS CAM
X-5	TORQUER	17-57	57-17	.390 .390	.012 .014	254° 254°	230° 230°	E
*XM-2	COMBINATION	19-59	59-19	.404 .404	.012 .014	258° 258°	232° 232°	E
*XM-3	MAXIMUM COMPETITION	24-64	64-24	.424 .424	.012 .014	268° 268°	242° 242°	E
*Z-199	COMPETITION	19-59	59-19	.444 .444	.012 .014	258° 258°	236° 236°	E
*XM-5	ULTRA-SUPER COMP.	29-69	69-29	.440 .440	.012 .014	278° 278°	254° 254°	E

ASSEMBLY KIT COMPONENTS

JA-005	12	SILICON CHROME OUTER VALVE SPRINGS
JA-006	12	SILICON CHROME INNER VALVE SPRINGS
JA-008	12	THICKENED, HARDENED ADJUSTING DISCS (.177" THICK)

*These profiles are ground on modified cores only. Prices shown are for (1) Pair of Cams. (ONE CAN OF ISKY REV LUBE INCLUDED FREE WITH CAMS.)

MGA & MGB • MAGNETTE SEDAN • BMC "B" TYPE •

1500, 1600, 1622 &
1800 cc engines



*NOTE: CAMS NOT AVAILABLE OUTRIGHT.

GRIND NO.	TYPE	INTAKE	EXHAUST	LIFT	VALVE LASH HOT	DURATION	.050 DURATION	GRIND CUSTOMERS CAM
Z-99	STOCK REFINISHING	16-50	50-16	.410 .410	.016 .016	246° 246°	---- ----	A
Z-50E4	MILD PERFORMANCE	19-53	53-19	.420 .420	.018 .019	252° 252°	210° 210°	A
T-32	STREET / AUTOCROSS	23-57	59-25	.435 .430	.018 .019	260° 264°	222° 228°	B
T-55	COMPETITION	25-59	59-25	.430 .430	.018 .019	264° 264°	228° 228°	A
T-55+10	COMPETITION	30-64	64-30	.430 .430	.018 .019	274° 274°	238° 238°	A
T-66	MAXIMUM COMP.	36-70	70-36	.430 .430	.020 .020	286° 286°	250° 250°	A

ASSEMBLY KIT COMPONENTS

*MG-05 8 SILICON CHROME OUTER VALVE SPRINGS

927-ST(8) 8 CHROME MOLY STEEL RETAINERS

*MG-06 8 SILICON CHROME INNER VALVE SPRINGS

MG-003 8 CHROME MOLY TUBULAR PUSHRODS (STOCK LIFTER)

3607-ST 8 CHROME MOLY STEEL RETAINERS (MGB-1800cc ENGINES)

MG-013 8 CHROME MOLY TUBULAR PUSHRODS (Sprite or Morris Lifter)

*#1258 Holesaw required on some MGB engines with small dia. spring seats

(ONE CAN OF ISKY REV LUBE INCLUDED FREE WITH CAMS.)

MITSUBISHI/CHRYSLER "K-CAR" • 2.2 Litre • 4 Cyl. SOHC



OUTRIGHT PART NO.	GRIND NO.	TYPE	VALVE LIFT	VALVE LASH COLD	ADVERTISED DURATION	.050 DURATION	GRIND CUSTOMERS CAM
550144	440	COMBINATION	.440	.006 .008	280°	230°	B
550146	465	COMPETITION	.465	.006 .008	300°	240°	B
550140	Z-405	COMPETITION	.504	.006 .008	294°	238°	B
550133	Z-338	COMPETITION	.512	.006	310°	254°	B

OPEL • 4 Cyl. SOHC • *1900 Engine (See Note Below)

OUTRIGHT		GRIND NO.	TYPE	INTAKE	EXHAUST	VALVE LIFT	SOLID CAM VALVE LASH HOT	ADVERTISED DURATION	.050 DURATION	GRIND CUSTOMERS CAM
SOLID LIFTER CAM.	HYD. LIFTER CAM PART NO.									
625144	625140	OR-4	TORQUER	18-58	58-18	.407	.018	256°		B
625166	625160	OR-66	COMBINATION	24-64	64-24	.430	.018	268°	228°	B
625177	----	OR-77	MAX. COMP.	32-72	72-32	.430	.020	284°	248°	B
625199	----	OR-99	ULT.-SUP. COMP	40-80	80-40	.480	.028	300°	252°	B

*NOTE: 1971 & later Opel engines come equipped with hydraulic lifters from the factory, and should remain hydraulic. Solid lifter cams should be used in Pre 71' engines that came equipped with factory solid lifters.

ONE CAN OF ISKY REV LUBE INCLUDED FREE WITH CAMS.

TYPE 4 • 1700-2000cc • PORSCHE 914 • VOLKS 411

FLAT TAPPET SERIES

OUTRIGHT PART NO.	GRIND NO.	TYPE	INTAKE	EXHAUST	VALVE LIFT	VALVE LASH COLD	ADVERTISED DURATION	.050 DURATION
485121	VP-221	TORQUER	22-58	58-22	.429	.008	260°	222°
485128	VP-228	COMBINATION	27-63	63-27	.433	.008	270°	228°
485110	VP-1010A	COMPETITION	48-84	84-48	.463	.018 .021	312°	268°
485197	Z-197-08	COMPETITION	31-67	67-31	.499	.013 .015	278°	246°
485111	VP-1010	MAX. COMPETITION	54-90	90-54	.468	.018 .021	324°	282°
485112	VP-1212	SUPER COMPETITION	52-88	88-52	.510	.018 .021	320°	282°
485113	VP-1011	DUAL PATTERN	48-84	90-54	.463 .468	.018 .021	312° 324°	268° 282°
485114	VP-1213	DUAL PATTERN	48-84	88-52	.463 .510	.018 .021	312° 320°	268° 282°

COMPETITION KIT (VW411)

4852-H	8	SPECIALY HARDENED LIFTERS
V-005D	8	SILICON CHROME OUTER VALVE SPRINGS WITH DAMPER
327-ST	8	CHROME MOLY STEEL RETAINERS
V-003A-75	8	CHROME MOLY TUBULAR PUSHRODS

STREET & DRAG KIT (PORSCHE 914)

4852-H	8	SPECIALY HARDENED LIFTERS
205-G	8	SILICON CHROME OUTER VALVE SPRINGS (USE STOCK RETAINERS)

*NOTE: The popular 1600cc truck cyl. head and 914 heads require our #208 holesaw and 5/16 pilot for installation. No holesaw is required on standard 411 heads.

(ONE CAN OF ISKY REV LUBE INCLUDED FREE WITH CAMS.)

WARNING! Many replacement lifters on the market for these engines are not properly hardened and will cause pre-mature cam lobe wear. For this reason a set of Isky Lifters must be purchased with camshaft for the warranty to be in effect.



OUTRIGHT PART NO. CAM	GRIND NO.	TYPE	INTAKE	EXHAUST	VALVE LIFT	VALVE LASH COLD	ADVERTISED DURATION	.050 DURATION
485122	222 HYD	TORQUER	29-65	65-29	.433	.000	274°	220°
485129	229 HYD	COMBINATION	33-69	69-33	.450	.000	282°	228°

ASSEMBLY KIT COMPONENTS (VW411)

4852-HY*	8	SPECIAL HYDRAULIC LIFTERS
V-005D	8	SILICON CHROME OUTER VALVE SPRINGS
327-ST	8	CHROME MOLY STEEL RETAINERS
V-003*	8	CHROME MOLY TUBULAR PUSHRODS, REQUIRED FOR USE WITH 4852-HY LIFTERS

ASSEMBLY KIT COMPONENTS (PORSCHE 914)

4852-HY*	8	SPECIAL HYDRAULIC LIFTERS
205-G	8	SILICON CHROME VALVE SPRINGS
V-003*	8	CHROME MOLY TUBULAR PUSHRODS REQUIRED FOR USE WITH 4852-HY LIFTERS

*NOTE: These camshafts are intended for use with engines originally factory equipped with hydraulic lifters. ONE CAN OF ISKY REV LUBE INCLUDED FREE WITH CAMS.

VOLKS RABBIT/SCIROCCO • 4 Cyl. 1500 cc SOHC



OUTRIGHT PART NO.	GRIND NO.	TYPE	INTAKE	EXHAUST	VALVE LIFT	VALVE LASH COLD	ADVERTISED DURATION	.050 DURATION	GRIND CUSTOMERS CAM
**470140	*R-405	TORQUER	26-66	66-26	.405	.014 .016	272°	244°	B
**470142	*R-428	RACE	31-71	71-31	.428	.016 .018	282°	258°	B
470138	*Z-386B-02	FULL RACE	48-72	72-48	.502	.008 .010	302°	280°	B
470136	*Z-367-02	FULL RACE	53-77	77-53	.541	.012 .014	310°	274°	B

STREET SPRING KIT

SP-116	8	SILICON INNER VALVE SPRINGS (FOR USE WITH STOCK OUTER VALVE SPRING & RETAINER)
*AL-13	8	HARDENED VALVE LASH CAPS FOR REFITTING LASH - REGROUND AND FULL RACE CAMS ONLY

***COMPETITION ASSEMBLY KIT**

455/456	8	SILICON CHROME DUAL VALVE SPRINGS
327-ST	8	LIGHTWEIGHT CHROME MOLY STEEL RETAINERS
*AL-13	8	HARDENED VALVE LASH CAPS FOR REFITTING VALVE LASH (REGROUND AND FULL RACE CAMS ONLY)

OPTIONAL DUAL SPRING AND RETAINER KIT (RECOMMENDED FOR USE WITH Z-386B-02 & Z-367-02)

3005	8	SILICON CHROME DUAL VALVE SPRINGS
327-STM	8	LIGHTWEIGHT CHROME MOLY STEEL RETAINERS

**NOTE: These new Isky Cams are ground with stock base circle dia. - lash caps are not necessary. Part No. 470136 & 470138 cams will not work with stock cyl. heads. They are designed for racing heads only.

VOLKS • (cams with 3-rivet gears)** 1200-1300-1500-1600 cc Engines 1961 thru 1971 Engines (1972-77 see note below)

FLAT TAPPET SERIES



OUTRIGHT PART NO. CAM ONLY	OUTRIGHT PART NO. CAM & KIT	GRIND NO.	TYPE	INTAKE	EXHAUST	VALVE LIFT	VALVE LASH COLD	VALVE LASH COLD	ADVERTISED DURATION	.050 DURATION
480122	480022	226-MAX	GOOD ALL AROUND	28-62	62-28	.400 .400	*.004 *.004	.008 .008	270° 270°	226° 226°
480123	480023	234-MAX	BROAD MID-RANGE	33-67	67-33	.410 .410	*.004 *.004	.008 .008	280° 280°	234° 234°
480121	480021	221	TORQUER	23-57	57-23	.363 .363	*.004 *.004	.008 .008	260° 260°	222° 222°
480128	480028	228	COMBINATION	28-62	62-28	.366 .366	*.004 *.004	.008 .008	270° 270°	228° 228°
480198	480098	Z-198	COMPETITION	32-66	66-32	.420 .420	*.010N *.012X	---- ----	278° 278°	256° 256°
480110	480010	1010-A	COMPETITION	49-83	83-49	.391 .391	*.013 *.015	.018 .021	312° 312°	268° 268°
480111	480011	1010	MAX. COMPETITION	55-89	89-55	.396 .396	*.013 *.015	.018 .021	324° 324°	282° 282°
480112	480012	1212	SUPER COMPETITION	53-87	87-53	.432 .432	*.013 *.015	.018 .021	320° 320°	282° 282°
480126	480026	Z-264	COMPETITION	43-77	77-43	.422 .422	*.013 *.015	---- ----	300° 300°	258° 258°
480130	480030	Z-300	COMPETITION	50-84	84-50	.450 .450	*.013 *.015	---- ----	314° 314°	282° 282°
480129	480029	Z-298	COMPETITION	51-85	85-51	.460 .460	*.013 *.015	---- ----	316° 316°	282° 282°
480133	480033	Z-332	COMPETITION	55-89	89-55	.464 .464	*.013 *.015	---- ----	324° 324°	280° 280°

***IMPORTANT: THESE VALVE LASH SETTINGS SHOULD BE USED ON ALL 1966 AND LATER ENGINES.**

****1972-77 engines require a different cam with a special 4-rivet cam gear. Add \$25.00 net to above prices when ordering a camshaft for these engines.**

***NOTE:** Cam shipped with "0" gear unless other gear specified when ordering. Add \$10.00 for other than "0" gear. (Allow 1-2 weeks). Specify cc's and stroke when ordering.

(ONE CAN OF ISKY REV LUBE INCLUDED FREE WITH CAMS.)

ASSEMBLY KIT COMPONENTS

VS-002	8	SPECIAL ALLOY HARDENABLE IRON TAPPETS
205-G	8	SILICON CHROME VALVE SPRINGS
V-007	8	ALUMINUM VALVE SPRING RETAINERS
V-004	8	HEX HEAD ADJUSTING SCREWS (FREE WITH KIT)

RECOMMENDED OPTIONAL EQUIPMENT

V-003-B	8	CHROME MOLY TUBULAR PUSHRODS (1200 CC)
V-003-C	8	CHROME MOLY TUBULAR PUSHRODS (1300-1600 CC)
V-004	8	ROCKER ARM ADJUSTING SCREWS
V-005-D	8	SILICON CHROME OUTER VALVE SPRINGS WITH DAMPER
208	1	HOLE SAW FOR #V-005-D SPRINGS

TOYOTA LAND CRUISER • 6 Cylinder Engines



*NOTE: CAMS NOT AVAILABLE OUTRIGHT.

GRIND NO.	TYPE	INTAKE	EXHAUST	VALVE LIFT	VALVE LASH HOT	ADVERTISED DURATION	GRIND CUSTOMERS CAM
Z-50 E 4/06	COMBINATION	17-49	49-17	.425	.018	246°	B
Z-99 + E4	COMBINATION	21-57	57-21	.425	.018 .020	258°	B
Z-99-005	COMBINATION	25-55	55-25	.406	.016 .018	260°	B

TOYOTA-20R-22R • 4 Cylinder SOHC Engines



OUTRIGHT PART NO.	GRIND NO.	TYPE	VALVE LIFT	VALVE LASH COLD	ADVERTISED DURATION	.050 DURATION	GRIND CUSTOMERS CAM
690144	440	MILD GRIND FOR TURBOCHARGER	.440	.008	280°	230°	B
690146	465	BEST ALL-AROUND PERFORMANCE	.465	.010	300°	240°	B
690155	505B	MAXIMUM COMPETITION	.505	.010	310°	255°	B

VALVE SPRINGS

626 8 SILICON CHROME INNER VALVE SPRINGS
(USE WITH STOCK OUTER SPRING)

TOYOTA CORONA • 1900 cc & COROLLA • 1200 cc 4-Cylinder Pushrod Engines



*NOTE: CAMS NOT AVAILABLE OUTRIGHT.

1200 GRIND NO.	1900 GRIND NO.	TYPE	INTAKE	EXHAUST	VALVE LIFT	VALVE LASH HOT	ADVERTISED DURATION	GRIND CUSTOMERS CAM
TC-66	TC4-66	COMBINATION	22-62	62-22	.420	.018	264°	A
TC-84	TC4-84	COMPETITION	33-73	73-33	.420	.018	286°	A
505A	505-A	MAXIMUM COMPETITION	40-80	80-40	.480	.028	300°	A

ASSEMBLY KIT 1200 CC COROLLA ONLY

455/626 8 SILICON CHROME DUAL VALVE SPRINGS STMR 8 STEEL VALVE SPRING RETAINERS

TOYOTA COROLLA • 1600 cc 4-Cylinder - Pushrod-Hemi Engine (2-TC)



OUTRIGHT PART NO.	GRIND NO.	TYPE	INTAKE	EXHAUST	VALVE LIFT	VALVE LASH HOT	ADVERTISED DURATION	.050 DURATION	GRIND CUSTOMERS CAM
678155	TH-55	COMBINATION	19-61	61-19	.430	.024	260°	222°	A
678177	TH-77	COMPETITION	29-71	71-29	.460	.018	280°	240°	A
678150	LL 505-T	COMPETITION	34-76	76-34	.490	.028	290°	242°	A
678199	TH-99	COMPETITION	39-81	81-39	.480	.028	300°	254°	A
678135	Z-35	COMPETITION	34-74	74-34	.508	.018	288°	254°	A
678190	TH-99 + 10	COMPETITION	44-86	86-44	.480	.028	310°	264°	A
678160	Z-60	MAX. COMPETITION	36-76	76-36	.529	.018	292°	259°	A

ASSEMBLY KIT COMPONENTS

455/626 8 SILICON CHROME DUAL VALVE SPRINGS
 STMR 8 STEEL VALVE SPRING RETAINERS

(ONE CAN OF ISKY REV LUBE INCLUDED FREE WITH CAMS.)

TOYOTA-18 RC • SOHC • 4 Cylinder Corona - Celica Model 8 RC, 18 RC - 1900/2000 cc Engines



OUTRIGHT PART NO.	GRIND NO.	TYPE	INTAKE	EXHAUST	VALVE LIFT	VALVE LASH COLD	ADVERTISED DURATION	GRIND CUSTOMERS CAM
675183	Z-383	COMBINATION	----	----	.450	.006 .008	270°	B
675128	228	COMBINATION	32-68	68-32	.450	.010	280°	B
675174	74-S	COMPETITION	42-78	78-42	.500	.008	300°	B

ASSEMBLY KIT COMPONENTS

626 8 INNER VALVE SPRINGS (USE WITH STOCK OUTER SPRING AND RETAINER)

(ONE CAN OF ISKY REV LUBE INCLUDED FREE WITH CAMS.)

TRIUMPH SPITFIRE • 4-Cylinder OHV

*NOTE: CAMS NOT AVAILABLE OUTRIGHT.



GRIND NO.	TYPE	INTAKE	EXHAUST	VALVE LIFT	VALVE LASH HOT	ADVERTISED DURATION	GRIND CUSTOMERS CAM
HR-8-003	STOCK REFINISH	13-53	53-13	.356	.012	250°	A
E4-58A	COMBINATION	20-60	60-20	.375	.016	260°	A
ZM-66	COMPETITION	24-64	64-24	.430	.018	268°	A
ZM-66+10	COMPETITION	29-69	69-29	.430	.018	278°	A
Z-307	SUPER COMPETITION	40-80	80-40	.480	.028	300°	A

ASSEMBLY KIT COMPONENTS

VWE-005 8 SILICON CHROME OUTER VALVE SPRINGS
 SP-116 8 SILICON CHROME INNER VALVE SPRINGS (SUPER COMP.)
 SP-006 8 SILICON CHROME INNER VALVE SPRINGS (STREET & COMP.)

(ONE CAN OF ISKY REV LUBE INCLUDED FREE WITH CAMS.)

NOTE: USE STOCK VALVE SPRING RETAINERS

TRIUMPH • TR-2, TR-3, TR-4

*NOTE: CAMS NOT AVAILABLE OUTRIGHT.



GRIND NO.	TYPE	INTAKE	EXHAUST	VALVE LIFT	VALVE LASH HOT	ADVERTISED DURATION	GRIND CUSTOMERS CAM
TR-23	COMBINATION	20-60	60-20	.440	.015	260°	A
TR-555	COMPETITION	24-64	64-24	.435	.015	268°	A
TR-555+10	COMPETITION	29-69	69-29	.435	.015	268°	A
TR-666	COMPETITION	33-73	73-33	.435	.018	286°	A
TR-777	MAX. COMPETITION	40-80	80-40	.480	.028	300°	A

ASSEMBLY KIT COMPONENTS

TR-05 8 SILICON CHROME OUTER VALVE SPRINGS
 TR-06 8 SILICON CHROME INNER VALVE SPRINGS
 TR-003 8 CHROME MOLY TUBULAR PUSHRODS, NON-ADJUSTABLE
 927-ST(8) 8 CHROME MOLY STEEL RETAINERS

(ONE CAN OF ISKY REV LUBE INCLUDED FREE WITH CAMS.)

TRIUMPH • 6-Cylinder OHV Engines TR-6, GT-6

*NOTE: CAMS NOT AVAILABLE OUTRIGHT.



GRIND NO.	TYPE	INTAKE	EXHAUST	VALVE LIFT	VALVE LASH HOT	ADVERTISED DURATION	GRIND CUSTOMERS CAM
Z-19	ROAD & RACE	24-64	64-25	.400	.016	268°	B
Z-66+10	COMPETITION	31-71	71-31	.425	.018	282°	B

VOLVO • 4-Cylinder B-16 or B-18/20 Model Engines

OUTRIGHT		GRIND NO.	TYPE	INTAKE	EXHAUST	VALVE LIFT	VALVE LASH HOT	ADVERTISED DURATION	GRIND CUSTOMERS CAM
B-16 PART NO.	B-18/20 PART NO.								
705161	700161	VV-61	STOCK REPL. TORQUER	20-56	56-20	.425	.020	256°	A
705171	700171	VV-71	COMBINATION	26-62	62-26	.428	.020	268°	A
705181	700181	VV-81	COMPETITION	35-71	71-35	.428	.020	286°	A
	700132	Z-322	COMPETITION	32-68	68-32	.480	.018	280°	A
705191	700191	VV-91	MAX. COMPETITION	42-78	78-42	.480	.028	300°	A
	700139	Z-349	MAX. COMPETITION	42-78	78-42	.510	.014 .016	300°	A
705110	700110	VV-101	MAX. COMPETITION	44-86	86-44	.480	.028	310°	A
705111	700111	VV-111	SUPER COMPETITION	49-91	91-49	.480	.028	320°	A
	700130	Z-309	SUPER COMPETITION	49-85	85-49	.538	.028	314°	A

*NOTE: ONE CAN OF ISKY REV LUBE INCLUDED FREE WITH CAMS.

B-16 ASSEMBLY KIT

*625 8 OUTER VALVE SPRINGS

*626 8 INNER VALVE SPRINGS

327-ST 8 CHROME MOLY STEEL RETAINERS

B-18 ASSEMBLY KIT

*625 8 OUTER VALVE SPRINGS

*626 8 INNER VALVE SPRINGS

PO-17 8 ALUMINUM SPRING RETAINERS

202-H 8 HARDENABLE IRON LIFTERS

VL-123 8 CHROME MOLY PUSHRODS (FOR 202-H LIFTER)

B-20 ASSEMBLY KIT

*625 8 OUTER VALVE SPRINGS

*626 8 INNER VALVE SPRINGS

327-ST 8 CHROME MOLY STEEL RETAINERS

202-H 8 HARDENABLE IRON LIFTERS

VL-123 8 CHROME MOLY PUSHROD (FOR 202-H LIFTER)

IVS-5/16 8 ISKY VALVE STEM OIL SEALS

*VST-5/16 1 INSTALLATION CUTTER FOR SEALS

*208-M 1 HOLESAW REQUIRED FOR SPRING INSTALLATION

IVS-11/32 8 ISKY VALVE STEM OIL SEALS

*VST-11/32 1 INSTALLATION CUTTER FOR VALVE SEALS

*208-M 1 HOLESAW REQUIRED FOR SPRING INSTALLATION

IVS-5/16 8 ISKY VALVE STEM OIL SEALS

*VST-5/16 1 INSTALLATION CUTTER FOR VALVE SEALS

*208-M 1 HOLESAW REQUIRED FOR SPRING INSTALLATION

VL-013 8 PUSHRODS - B-18-20 ENGINE - STOCK LIFTER

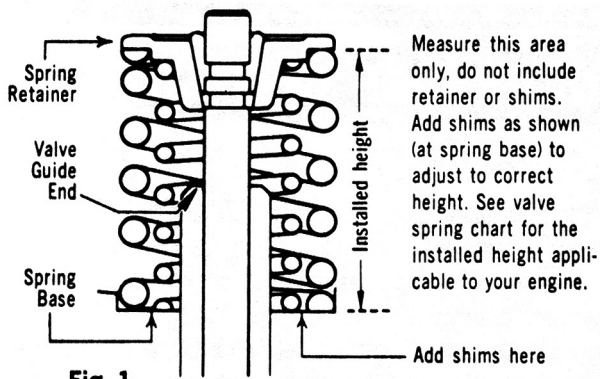


Fig. 1
CORRECT SPRING HEIGHT

Allow $\frac{1}{16}$ " to $\frac{1}{8}$ " clearance between valve guide (or oil seal) end and the spring retainer, with valve in the full open position. Machine down valve guide to provide clearance if necessary.

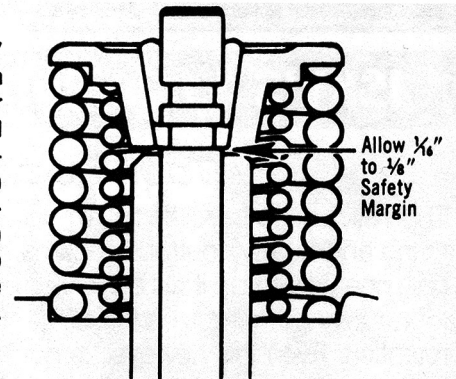


Fig. 2
VALVE OPEN CLEARANCE CHECK

ENGINE MAKE	YR/MODEL	VALVE SPRING PART NO.	INSTALLED HEIGHT	SEAT PRESSURE	RETAINER	MAX COIL BIND HEIGHT	SPRING RATE LBS PER INCH	OUTER SPRING O.D. I.D.	INNER SPRING O.D. I.D.
A/Healey 4 cyl.	BMC "C" Type	906AM Stock Outer	1.687	105 lbs	Stock	1.060	---	---	1.005 .730
A/Healey 6 cyl.	BMC "C" Type	906AM Stock Outer	1.594	94 lbs	Stock	1.060	---	---	1.005 .730
Alpha Romeo	Early 4 Cyl. DOHC	JA-005 JA-006	1.312	105 lbs	Stock	.860	200	1.145 .875	.855 .635
Alpha Romeo	Late 4 Cyl. DOHC	455-D JA-006	1.350	112 lbs	Stock	.850	225	1.210 .925	.855 .635
Anglia (Street & Comp.)		VWE-005 SP-006	1.250	80 lbs	AN-007	.720	260	1.095 .815	.820 .625
Anglia (Super Comp.)		VWE-005 SP-116	1.250	100 lbs	AN-007	.720	320	1.095 .815	.815 .605
Anglia GT Cross Flow Hd	66 & Up Cortina-Pinto	VWE-005 SP-006	1.200	90 lbs	AN-007	.720	260	1.095 .815	.820 .625
Anglia	Cosworth	VWE-005 SP-006	1.250	80 lbs	Stock	.720	260	1.095 .815	.820 .625
BMW S.O.H.C.	2002-1600	625 626	1.550	120 lbs	Stock	.970	300	1.235 .900	.905 .675
Datsun S.O.H.C.	L-16, L-24	1005-W 206-G	1.650	115 lbs	1624-ST	.940	250	1.320 .985	.935 .690
Datsun	1200 (A-12)	455-D JA-006	1.500	80 lbs	Stock	.850	225	1.210 .855	.855 .635
Datsun S.O.H.C.	L-16, L-18, L-24	7005	1.700	130 lbs	1624-ST	.970	280	1.340 1.000	1.000 .748
Ford Pinto	2000	455 456	1.400	85 lbs	457-AL	.850	270	1.210 .925	.925 .685
Renault Gordini/ Lotus Europa		456-INNER Stock Outer	1.420	92 lbs	Stock	.910	270	---	.925 .685
Ford Pinto/Capri	2300 cc	905-D	1.480	95 lbs	347-ST	.960	240	1.430 1.075	---
Ford V-6	2600 cc	905-D	1.450	100 lbs	4107-AL	.960	240	1.430 1.075	---
Ford V-6	2800 cc	905-D	1.450	100 lbs	4107-ST	.960	240	1.430 1.075	---
Fiat D.O.H.C.	124/125	455 626	1.417	114 lbs	Stock	.900	230	1.210 .925	.905 .675
Jaguar	6 Cyl. DOHC	JA-005 JA-006	1.312	110 lbs	Stock	.860	200	1.145 .875	.855 .635
MGA-MGB	56 & Up	MG-05 MG-06	1.560	115 lbs	3607-ST	1.060	320	1.430 1.075	1.005 .730
Porsche	53-71	625-626	1.560	110 lbs	PO-07 PO-17	.970	300	1.235 .900	.905 .675
Sprite (Street & Comp.)	BMC "A" Type	VWE-005 SP-006	1.187	100 lbs	SP-007	.720	260	1.095 .815	.820 .625
Sprite (Super Comp.)	BMC "A" Type	VWE-005 SP-116	1.187	115 lbs	SP-007	.720	320	1.095 .815	.815 .605
Sunbeam-Hillman	OHV	625 626	1.710 (Remove Bot. Ret. & Shims)	70 lbs	Stock	.970	300	1.235 .900	.905 .675
Toyota Corolla Hemi	71 & Up	455 626	1.480	105 lbs	(See Pg. 97)	.940	230	1.210 .925	.905 .675
Toyota	18RC SOHC	Stock Outer 626 Inner	Stock Ht.	80 lbs	Stock	.970	---	---	.905 .675
Toyota	20RC SOHC	Stock Outer 626 Inner	1.594	93 lbs	Stock	---	---	---	.905 .675
Toyota	1200	455 626	1.510	100 lbs	STMR	.930	230	1.210 .925	.905 .675
Triumph (Street & Comp.)	Spittire	VWE-005 SP-006	1.187	100 lbs	Stock	.720	260	1.095 .815	.820 .625
Triumph (Super Comp.)	Spittire	VWE-005 SP-116	1.187	115 lbs	Stock	.720	320	1.095 .815	.815 .605
Triumph TR-2-3-4	TR-2-3-4	TR-05 TR-06	1.625	100 lbs	927-ST	1.060	320	1.430 1.075	1.005 .730
Volkswagen	61 & Up 40 HP	205-G	1.530	100 lbs	V-007	.970	170	1.240 .925	---
Volkswagen	61 & Up 40 HP	V-005D	1.530	135 lbs	V-007	.970	240	1.250 .925	---
Volks-Porsche	411-914	205-G	1.530	100 lbs	Stock	.970	170	1.240 .925	---
Volks-Porsche	411-914	V-005D	1.530	135 lbs	327-ST	.970	240	1.250 .925	---
Volvo	B-16 B-18	625 626	1.625	98 lbs	(See Pg. 98)	.970	300	1.235 .900	.905 .675

Part No.	Description	Tube Size	Oil Hole	Isky Length		Adj.	Non Adj.	Hyd. Lifter	Solid Lifter	Roller Lifter	Cup & Ball	Ball & Ball
				Int.	Ex t.							
3603-L	Chrysler Hemi 57 to 58, 392" Stock Non Adj. Rocker, Stock Solid Lifter or Isky Lifter	3/8	No	9.390	10.859	X			X			X
3613	Chrysler Hemi 57 to 58, 392" Stock Non Adj. Rocker, Isky Hyd. Lifter	3/8	No	9.093	10.562	X		X				X
3623	Chrysler Hemi 57 to 58, 392" Stock 300 Adj. Rocker, Stock Solid Lifter or Isky Lifter	3/8	No	10.234	11.734		X		X			X
3633-L	Chrysler Hemi 57 to 58, 392" Heat Treated Stock Non Adj. Rocker, Stock Solid Lifter or Isky Lifter	3/8	No	9.390	10.859	X			X			X
3903	Chrysler 64 to 72, 273" to 360" "A" Engine, Stock or Isky 3904 Adj. Rocker, Stock Solid Lifter or Isky Lifter	5/16	No	7.531	7.531		X		X		X	
3913	Chrysler 64 to 72, 273" to 360" "A" Engine, Stock or Isky 3904 Adj. Rocker, Isky Hyd. Lifter	5/16	No	7.265	7.265		X	X			X	
3923	Chrysler 64 to 72, 273" to 360" "A" Engine, Stock Non Adj. Rocker, Isky Hyd. Lifter	5/16	No	6.625	6.625	X		X				X
4103	Chrysler Hemi 64 to 71, 426", Heat Treated, 3/8 Stock Adj. Rocker, Stock Solid Lifter or Isky Lifter	3/8	No	10.828	11.765		X		X		X	
4103	Chrysler Hemi 64 to 71, 426", Heat Treated, 7/16 Stock Adj. Rocker, Stock Solid Lifter or Isky Lifter	7/16	No	10.828	11.765		X		X		X	
4613	Chrysler Hemi 64 to 71, 426", Heat Treated, Stock Adj. Rocker, Isky Hyd. Lifter	3/8	No	10.546	11.484		X	X			X	
AN-003	Anglia, 105E and 109e, Stock Adj. Rocker, Stock Lifter or Isky Lifter	5/16	No	6.656	6.656		X		X		X	
AN-013	Anglia, 116E & Cortina, Stock Adj. Rocker, Stock Lifter or Isky Lifter	5/16	No	7.328	7.328		X		X		X	
AH-003	Austin Healy, 6 Cyl., 3000 Stock Adj. Rocker, Stock Solid Lifter	5/16	No	8.218	8.218		X		X		X	
AH-013	Austin Healy, 4 Cyl. Stock Adj. Rocker, Stock Solid Lifter	3/8	No	10.062	10.062		X		X		X	
D-003	Datsun, 4 Cyl., 1300cc Stock Adj. Rocker, Stock Lifter	5/16	No	7.140	7.140		X		X		X	
D-013	Datsun, 4 Cyl., 1500cc to 1600cc Stock Adj. Rocker, Stock Lifter	5/16	No	7.687	7.687		X		X		X	
M-003	MG, TF-TD-TC, 4 Cyl. Stock Adj. Rocker, Stock Lifter	5/16	No	8.546	8.546		X		X		X	
MG-003	MGA-MGB, 4 Cyl. 56 to 72 Stock Adj. Rocker, Stock Lifter	5/16	No	8.703	8.703		X		X		X	
MG-013	MGA-MGB, 4 Cyl. 56 to 72 Stock Adj. Rocker, Sprite or Morris Minor Lifter	5/16	No	10.656	10.656		X		X		X	
RN-003	Renault, R8-R10 Engines, 4 Cyl. Stock Adj. Rocker, Stock Lifter or Isky Lifter	5/16	No	6.812	6.812		X		X		X	
SP-003	Sprite-Morris Minor-Mini-Cooper -- Midget 948 to 1048cc, Stock Adj. Rocker, Stock Lifter	5/16	No	8.437	8.437		X		X		X	
SP-013	Sprite-Morris Minor-Mini-Cooper -- Midget 1275cc, Stock Adj. Rocker, Stock Lifter	5/16	No	8.703	8.703		X		X		X	
SB-003	Sunbeam Alpine, 4 Cyl. & Hillman Min Stock Adj. Rocker, Stock Lifter	3/8	No	10.312	10.312		X		X		X	
TR-003	Triumph, 4 Cyl. TR-2-3-4 Stock Adj. Rocker, Stock Lifter	5/16	No	10.062	10.062		X		X		X	
TR-013	Triumph Spitfire & Herald, 4 Cyl. Stock Adj. Rocker, Stock Lifter	5/16	No	7.812	7.812		X		X		X	
VL-003	Volvo, B16, 4 Cyl. Stock Adj. Rocker, Stock Lifter	5/16	No	8.328	8.328		X		X		X	
VL-013	Volvo, B18-B20, 4 Cyl. Stock Adj. Rocker, Stock Lifter	5/16	No	8.015	8.015		X		X		X	
VL-123	Volvo, B18-B20, 4 Cyl. Stock Adj. Rocker, Isky 202-H Lifter	5/16	No	8.737	8.737		X		X		X	
V-003	Volkswagen, 1200cc Stock Adj. Rocker, Isky Hyd. Lifter	5/16	Yes	10.187	10.187		X	X				X
V-003B	Volkswagen, 1200cc Stock Adj. Rocker, Stock Lifter or Isky Lifter	5/16	Yes	10.671	10.671		X		X			X
V-003C	Volkswagen, 1300cc to 1600cc Stock Adj. Rocker, Stock Lifter or Isky Lifter	5/16	Yes	11.078	11.078		X		X			X
V-003 minus .075	Volkswagen, 1200cc Stock Adj. Rocker, Isky Hyd. Lifter	5/16	Yes	10.112	10.112		X	X				X
V-003A minus .075	Volkswagen, 1300cc to 1600cc Stock Adj. Rocker, Isky Hyd. Lifter	5/16	Yes	10.675	10.675		X	X				X
V-003B minus .075	Volkswagen, 1200cc Stock Adj. Rocker, Stock Lifter or Isky Lifter	5/16	Yes	10.596	10.596		X		X			X
V-003C minus .075	Volkswagen, 1300cc to 1600cc Stock Adj. Rocker, Stock Lifter or Isky Lifter	5/16	Yes	11.000	11.000		X		X			X