

VALVE SPRINGS

NEXTEK® SERIES

OVAL TRACK & ENDURANCE VALVE SPRINGS



- ✓ No degradation of spring pressure in the later stages of a race
- ✓ Spring I.D.'s are chamfered for retainer clearance
- ✓ State-of-the-art winding, thermal treatment and finishing practices that cannot be duplicated
- ✓ Specially processed premium-grade chrome silicon that is virtually free of impurities or surface irregularities
- ✓ NexTek® Series valve springs have been tested by leading engine builders and are confirmed to be the best performing valve springs on the market today

All Manley NexTek® oval track valve springs listed below, except 221432, either come polished or are available in polished versions to reduce friction, improve fatigue life and minimize load loss. For example 221443P-16.

Part No.	Polished Part No.	Description	Maximum Valve Lift	O.D.	I.D.	Installed / Open Pressure	Rate (lbs. / in.)	Coil Bind	Component Code
221432-16	N/A	Late Model Stock w/ Flat Tappet	.630	1.530	.750	162 @ 1.900 425 @ 1.300	500	1.200	A
221440P-16	Standard Feature	Circle Track Roller	.700	1.570	.760	255 @ 2.000 629 @ 1.300	534	1.190	B
221441P-16	Standard Feature	Circle Track Roller	.730	1.570	.750	280 @ 2.030 700 @ 1.300	575	1.215	C
221442-16	Standard Feature	Circle Track Roller	.750	1.560	.812	260 @ 2.000 660 @ 1.250	533	1.200	D
221443-16	221443P-16	Circle Track Roller	.730	1.580	.832	235 @ 1.950 610 @ 1.250	535	1.170	E
221444-16	221444P-16	Circle Track Roller	.750	1.610	.842	235 @ 2.050 645 @ 1.300	546	1.220	F
221445P-16	Standard Feature	Circle Track Roller	.800	1.620	.852	280 @ 2.050 680 @ 1.250	500	1.200	G

ANCILLARY COMPONENTS

Component Code	Super 7° Retainers	Super 7° Lightweight	Super 7° +.050	TensileMax Super 7°	Spring Cup	Type	Cup O.D.	Cup I.D.	Cup Thickness	Seat Cutter
A	23707-16			23707 TM-16	42330-16	ID	1.535	.635	.062	41835
	23672 ICD-16				42326-16	ID	1.535	.570	.062	41856
	23707 SCD-16				42426-16*	ID	1.535	.567	.062	41856
	23644-16	(10° Titanium Std.)			42466-16*	ID	1.535	.567	.045	41856
	23650-16	(10° Titanium +.100)								
*42426 and 42466 are CNC machined.										
B	23705 ICD-16	23705 L-16	23706 L-16	23705 TM-16	42331-16	ID	1.530	.570	.062	41856
	23644-16	23705 LI-16	23706 LI-16							
	23650-16	(10° Titanium Std.)								
		(10° Titanium +.100)								
C	23672-16	23672L-16		23672 TM-16	42330-16	ID	1.535	.635	.062	41835
	23672 I-16				42326-16	ID	1.535	.570	.062	41856
	23672 ICD-16				42426-16*	ID	1.535	.567	.062	41856
	23647-16	(10° Titanium +.100)			42466-16*	ID	1.535	.567	.045	41856
*42426 and 42466 are CNC machined.										
D	23682-16	23682 L-16		23682 TM-16	42343-16	ID	1.550	.570	.062	41856
	23682 I-16	23682 LI-16			42443-16*	ID	1.550	.567	.062	41856
	23682 ICD-16									
	23643-16	(10° Titanium +.100)								
*42443 is CNC machined.										
E	23681-16	23681 L-16	23691-16		42370-16	OD	1.687	.570	.062	41858
	23681 I-16	23681 LI-16			42369-16	ID	1.570	.635	.062	41856
	23681 ICD-16		23691 ICD-16		42373-16	ID	1.570	.570	.062	41856
					42573-16*	ID	1.570	.567	.062	41856
					42438-16*	ID	1.570	.567	.045	41856
	23648-16	(10° Titanium +.100)								
* 42438 and 42573 are CNC machined.										
F	23681-16	23681 L-16	23691-16		42365-16	OD	1.740	.570	.062	41859
	23681 I-16	23681 LI-16			42367-16	ID	1.610	.570	.062	41857
	23681 ICD-16		23691 ICD-16		42368-16	ID	1.610	.635	.062	41855
	23648-16	(10° Titanium +.100)								
G		23685 L-16		23685 TM-16	42342-16	ID	1.610	.570	.062	41857
		23685 LI-16		23685 DCTM-16						

SUFFIX CODE: I : Impinged ICD : Impinged, Convoluted and Drilled SCD : Steel, Convoluted and Drilled L : Lightweight LI : Lightweight and Impinged

Note: New part numbers are *ITALICIZED*.