

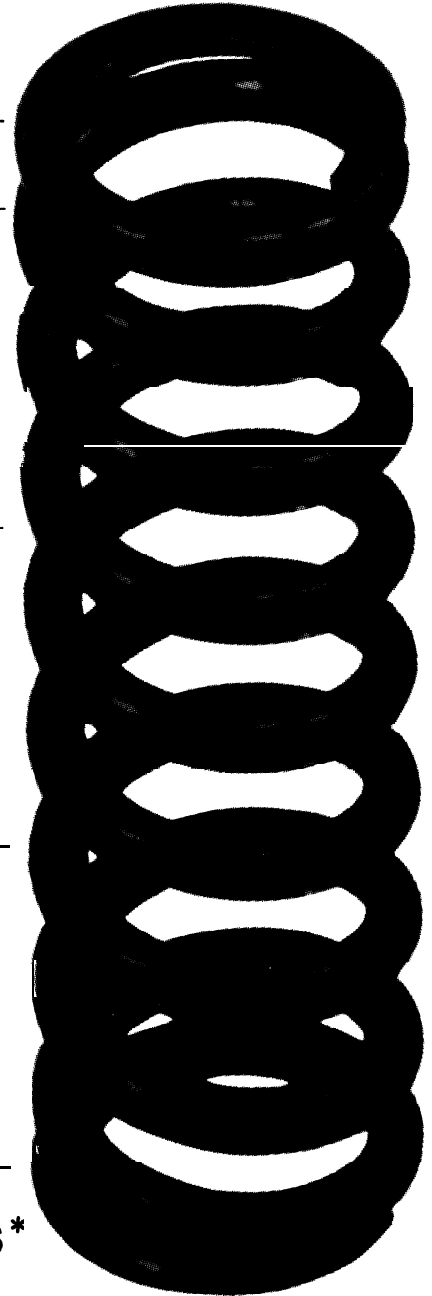


MATIS

SERIES "VH" SPRINGS

The "VH" series is designed especially for heavy duty press operations. Long life is assured by the use of Centerless Ground Alloy material.

Catalog No.	Rod Size	Hole Size	Free Length	Rate (lbs.) Per 1" Deflection	Maximum Capacity (lbs.)	Maximum Deflection	Maximum Solid Height
VH-1	1 1/2	2 1/2	3	1715	1500	1/8	2 1/8
VH-2			3 1/2	1415		1 1/16	2 7/16
VH-3			4	1265		1 3/16	2 13/16
VH-4			4 1/2	1090		1 3/8	3%
VH-5			5	960		1 9/16	3 7/16
VH-6			5 1/2	855		1 3/4	3 3/4
VH-7			6	800		1 7/8	4 1/8
VH-8			7	665		2%	4 3/4
VH-9			8	600		2 1/2	5 1/2
VH-10			10	460		3%	6 3/4
VH-11			12	375		4	8
VH-12			15	300		5	10
VH-13	1 13/16	3	3	2900	2000	1 1/16	2 5/16
VH-14			3 1/2	2000		1	2 1/2
VH-15			4	1775		1 1/8	2%
VH-16			4 1/2	1525		1 5/16	3 3/16
VH-17			5	1335		1 1/2	3 1/2
VH-18			5 1/2	1230		1%	3%
VH-19			6	1060		1 1/8	4 1/8
VH-20			7	890		2 1/4	4%
VH-21			8	800		2 1/2	5 1/2
VH-22			10	640		3%	6%
VH-23			12	535		3%	8 1/4
VH-24			15	420		4%	10 1/4
VH-25	2 5/8	4 1/8	3	3200	3000	1 5/16	2 1/16
VH-26			3 1/2	2665		1 1/8	2%
VH-27			4	2285		1 5/16	2 11/16
VH-28			4 1/2	2000		1 1/2	3
VH-29			5	1780		1 11/16	3 5/16
VH-30			5 1/2	1600		1 7/8	3 3/8
VH-31			6	1455		2 1/16	3 15/16
VH-32			7	1200		2 1/2	4 1/2
VH-33			8	1020		2 5/16	5 1/16
VH-34			10	815		3 11/16	6 5/16
VH-35			12	675		4 7/16	7 9/16
VH-36			15	540		5 9/16	9 7/16



SERIES "LR" SPRINGS

36" LONG ROUND EDGE WIRES PRINGS *

Catalog No.	Diameter of Hole in Which Spring will Work	Diameter of Stud over Which Spring will Work	Wtn Size	Space Between COB	Carrying Capacity (lbs.)
LR-1	9/16	1/4	1/8 x 1/16	5/64	110
LR-2	3/4	3/8	5/32 x 3/32	7/64	200
LR-3	1	1/2	7/32 x 7/64	9/64	300
LR-4	1 1/16	1/2	1/4 x 1/8	1/8	400
LR-5	1 1/8	5/8	1/4 x 5/32	5/32	500
LR-6	1 1/4	3/4	9/32 x 5/32	5/32	625
LR-7	1 1/2	3/4	5/16 x 3/16	13/64	750
LR-8	1 3/4	7/8	3/8 x 3/16	7/32	850
LR-9	2	1	7/16 x 7/32	15/64	1000



* ENDS NOT SQUARED

These springs are intended for use where long stock lengths are preferred and where the tool maker may cut them to odd lengths.