



d	grip range e	hole diamete r D±0.1/0	B	E	S*	open end		closed end	
						L	L2*	L	L2*
M3	0.75-1.00	5	7	1.0	S=2.2-e	8.8	6.0	13.1	10.3
	1.00-1.75	5	7	1.0	S=3.0-e	9.6	6.0	13.9	10.3
	1.75-2.50	5	7	1.0	S=3.7-e	10.4	6.0	14.7	10.3
	2.50-3.25	5	7	1.0	S=4.6-e	11.2	6.0	15.5	10.3
M4	0.75-1.00	6	8	1.0	S=2.2-e	9.2	6.3	14.2	11.3
	1.00-1.75	6	8	1.0	S=3.0-e	10.0	6.3	15.0	11.3
	1.75-2.5	6	8	1.0	S=3.7-e	10.8	6.3	15.8	11.3
	2.50-3.25	6	8	1.0	S=4.6-e	11.6	6.3	16.6	11.3
M5	0.50-1.00	7	10**	1.0	S=3.0-e	12.0	8.0	17.6	14.6
	1.00-2.00	7	10**	1.0	S=4.0-e	13.0	8.0	18.7	14.6
	2.00-3.00	7	10**	1.0	S=5.0-e	14.0	8.0	19.8	14.6
	3.00-4.00	7	10**	1.0	S=6.0-e	15.0	8.0	20.9	14.6
M6	0.70-1.50	9	13**	1.5	S=3.5-e	14.5	10.0	22.0	17.0
	1.50-3.00	9	13**	1.5	S=5.0-e	16.0	10.0	23.6	17.0
	3.00-4.50	9	13**	1.5	S=6.5-e	17.5	10.0	25.2	17.0
M8	1.00-2.00	11	16**	1.5	S=5.0-e	17.0	10.8	25.0	18.8
	2.00-3.50	11	16**	1.5	S=6.5-e	18.5	10.8	26.5	18.8
	3.50-5.00	11	16**	1.5	S=8.0-e	20.0	10.8	28.0	18.8
M10	1.00-1.50	13	19	2.0	S=4.5-e	20.8	15.0	30.7	24.9
	1.50-3.00	13	19	2.0	S=6.0-e	22.4	15.0	32.3	24.9
	3.00-4.50	13	19	2.0	S=7.5-e	24.0	15.0	33.9	24.9
	4.50-6.00	13	19	2.0	S=9.0-e	25.6	15.0	35.5	24.9