



Locking Nut

Dimensions						Designation	Appropriate locking washer
G	d ₁	d ₂	B	b	h		
M 10 X 0.75	13.5	18	4	3	2	KM 0	MB 0
M 12 X 1	17	22	4	3	2	KM 1	MB 1
M 15 X 1	21	25	5	4	2	KM 2	MB 2
M 17 X 1	24	28	5	4	2	KM 3	MB 3
M 20 X 1	26	32	6	4	2	KM 4	MB 4
M 25 X 1.5	32	38	7	5	2	KM 5	MB 5
M 30 X 1.5	38	45	7	5	2	KM 6	MB 6
M 35 X 1.5	44	52	8	5	2	KM 7	MB 7
M 40 X 1.5	50	58	9	6	2.5	KM 8	MB 8
M 45 X 1.5	56	65	10	5	2.5	KM 9	MB 9
M 50 X 1.5	61	70	11	6	2.5	KM 10	MB 10
M 55 X 2	67	75	11	7	3	KM 11	MB 11
M 60 X 2	73	80	11	7	3	KM 12	MB 12
M 65 X 2	79	85	12	7	3	KM 13	MB 13
M 70 X 2	85	92	12	8	3.5	KM 14	MB 14
M 75 X 2	90	98	13	8	3.5	KM 15	MB 15
M 80 X 2	95	105	15	8	3.5	KM 16	MB 16
M 85 X 2	102	110	16	8	3.5	KM 17	MB 17
M 90 X 2	108	120	16	10	4	KM 18	MB 18
M 95 X 2	113	125	17	10	4	KM 19	MB 19
M 100 X 2	120	130	18	10	4	KM 20	MB 20
M 105 X 2	126	140	18	12	5	KM 21	MB 21
M 110 X 2	133	145	19	12	5	KM 22	MB 22
M 115 X 2	137	150	19	12	5	KM 23	MB 23
M 120 X 2	138	155	20	12	5	KM 24	MB 24
M 125 X 2	148	160	21	12	5	KM 25	MB 25
M 130 X 2	149	165	21	12	5	KM 26	MB 26
M 135 X 2	160	175	22	14	6	KM 27	MB 27
M 140 X 2	160	180	22	14	6	KM 28	MB 28
M 145 X 2	172	190	24	14	6	KM 29	MB 29
M 150 X 2	171	195	24	14	6	KM 30	MB 30
M 155 X 3	182	200	25	16	7	KM 31	MB 31
M 160 X 3	182	210	25	16	7	KM 32	MB 32
M 165 X 3	193	210	26	16	7	KM 33	MB 33
M 170 X 3	193	220	26	16	7	KM 34	MB 34
M 180 X 3	203	230	27	18	8	KM 36	MB 36
M 190 X 3	214	240	28	18	8	KM 38	MB 38
M 200 X 3	226	250	29	18	8	KM 40	MB 40

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With- drawal Sleeve No.	Dimention (mm)					Thread G	Hex Bolt	Spring Washer
	d ₂	B	d ₁	b	h			
KML 28	165	22	155	12	5	M140X2	-----	-----
KML 30	180	24	170	14	5	M150X2	-----	-----
KML 32	190	25	180	14	5	M160X3	-----	-----
KML 34	200	26	190	16	5	M170X3	-----	-----
KML 36	210	27	200	16	5	M180X3	-----	-----
KML 38	220	28	210	16	5	M190X3	-----	-----
KML 40	240	29	222	18	8	M200X3	-----	-----
HM 42T	270	30	238	20	10	Tr210X4	-----	-----
HM 44T	280	32	250	20	10	Tr220X4	-----	-----
HM 46T	290	34	260	20	10	Tr230X4	-----	-----
HM 48T	300	34	270	20	10	Tr240X4	-----	-----
HM 50T	320	35	290	20	10	Tr250X4	-----	-----
HM 52T	330	35	300	24	12	Tr260X4	-----	-----
HM 54T	340	36	310	24	12	Tr270X4	-----	-----
HM 56T	350	36	320	24	12	Tr280X4	-----	-----
HM 58T	365	36	335	24	12	Tr290X4	-----	-----
HM 60T	370	36	340	24	12	Tr300X4	-----	-----
HM 62T	380	36	350	24	12	Tr310X5	-----	-----
HM 64T	400	40	370	24	12	Tr320X5	-----	-----
HM 66T	410	40	380	28	15	Tr330X5	-----	-----
HM 68T	420	42	390	28	15	Tr340X5	-----	-----
HM 70T	430	42	400	28	15	Tr350X5	-----	-----
HM 72T	440	45	410	28	15	Tr360X5	-----	-----
HM 74T	450	45	420	28	15	Tr370X5	-----	-----
HM 80T	500	46	460	32	18	Tr400X5	-----	-----
HML 41T	250	30	232	18	8	Tr205X4	-----	-----
HML 43T	260	30	242	20	9	Tr215X4	-----	-----
HML 47T	280	30	262	20	9	Tr235X4	-----	-----
HML 52T	310	30	290	20	10	Tr260X4	-----	-----
HML 56T	330	30	310	24	10	Tr280X4	-----	-----
HML 60T	360	31	336	24	12	Tr300X4	-----	-----
HML 64T	380	32	356	24	12	Tr320X5	-----	-----
HML 69T	410	33	384	28	13	Tr345X5	-----	-----
HML 72T	420	35	394	28	13	Tr360X5	-----	-----
HML 73T	430	35	404	28	13	Tr365X5	-----	-----
HML 77T	450	37	422	28	14	Tr385X5	-----	-----
HM 3044	260	30	242	20	9	Tr220X4	M6 X 12	B 6
HM 3048	290	34	270	20	10	Tr240X4	M8 X 18	B 8
HM 3052	310	34	290	20	10	Tr260X4	M8 X 18	B 8
HM 3056	330	38	310	24	10	Tr280X4	M8 X 18	B 8
HM 3060	360	42	336	24	12	Tr300X4	M8 X 18	B 8
HM 3064	380	42	356	24	12	Tr320X5	M8 X 18	B 8
HM 3068	400	45	376	24	12	Tr340X5	M8 X 18	B 8
HM 3072	420	45	394	28	13	Tr360X5	M8 X 18	B 8
HM 3076	450	48	422	28	14	Tr380X5	M10 X 20	B 10
HM 3080	470	52	442	28	14	Tr400X5	M10 X 20	B 10
HM 3084	490	52	462	32	14	Tr420X5	M10 X 20	B 10
HM 3088	520	60	490	32	15	Tr440X5	M12 X 25	B 12
HM 3092	540	60	510	32	15	Tr460X5	M12 X 25	B 12
HM 3096	560	60	530	36	15	Tr480X5	M12 X 25	B 12
HM 30/500	580	68	550	36	15	Tr500X5	M12 X 25	B 12
HM 30/530	630	68	590	40	20	Tr530X6	M16 X 30	B 16
HM 30/560	650	75	610	40	20	Tr560X6	M16 X 30	B 16
HM 30/600	700	75	660	40	20	Tr600X6	M16 X 30	B 16
HM 30/630	730	75	690	45	20	Tr630X6	M16 X 30	B 16
HM 30/670	780	80	740	45	20	Tr670X6	M16 X 30	B 16
HM 3144	280	32	250	20	10	Tr220X4	-----	-----
HM 3148	300	34	270	20	10	Tr240X4	-----	-----
HM 3152	330	36	300	24	12	Tr260X4	-----	-----
HM 3156	350	38	320	24	12	Tr280X4	-----	-----
HM 3160	380	40	340	24	12	Tr300X4	M10 X 20	B 10
HM 3164	400	42	360	24	12	Tr320X5	M10 X 20	B 10
HM 3168	440	55	400	28	15	Tr340X5	M12 X 25	B 12
HM 3172	460	58	420	28	15	Tr360X5	M12 X 25	B 12
HM 3176	490	60	440	32	18	Tr380X5	M12 X 25	B 12
HM 3180	520	62	460	32	18	Tr400X5	M16 X 30	B 16
HM 3184	540	70	490	32	18	Tr420X5	M16 X 30	B 16
HM 3188	560	70	510	36	20	Tr440X5	M16 X 30	B 16
HM 3192	580	75	540	36	20	Tr460X5	M16 X 30	B 16
HM 3196	620	75	560	36	20	Tr480X5	M16 X 30	B 16
HM 31/500	630	80	580	40	23	Tr500X5	M16 X 30	B 16
HM 31/530	670	80	610	40	23	Tr530X6	M20 X 40	B 20
HM 31/560	710	85	650	45	25	Tr560X6	M20 X 40	B 20
HM 31/600	750	85	690	45	25	Tr600X6	M20 X 40	B 20
HM 31/630	800	95	730	50	28	Tr630X6	M20 X 40	B 20