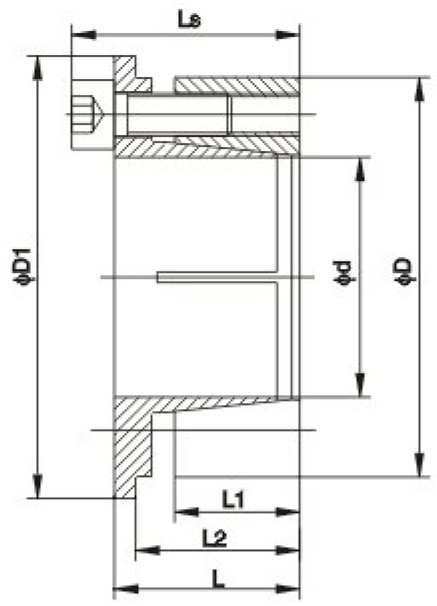
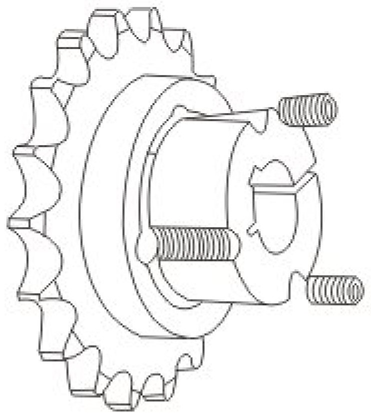


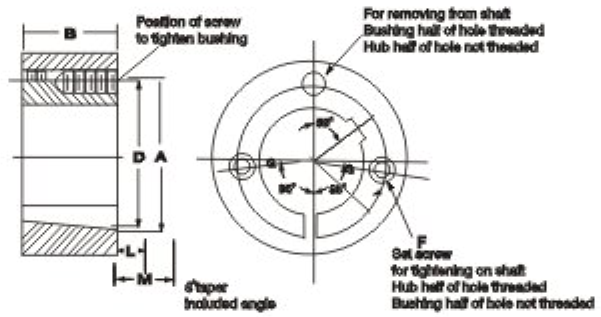
FD

Size	Basic dimensions					Screw bolt	Rated load		Ps	Ph	Ma	G
	D1	L1	L2	L	Ls	SizesxN	Mt(Kn)	Ft(Kn.m)	Mpa	Mpa	N.m	Kg
19x47FD	53	19	24.8	27.3	33.3	M6x6	0.265	28.1	287	93	17	0.28
20x47FD	53	19	24.8	27.3	33.3	M6x6	0.274	28.1	272	93	17	0.27
22x47FD	53	19	24.8	27.3	33.3	M6x6	0.304	28.1	248	93	17	0.26
24x50FD	57	19	25.3	27.8	33.8	M6x7	0.392	32.8	274	102	17	0.29
25x50FD	57	19	25.3	27.8	33.8	M6x7	0.412	32.8	282	102	17	0.28
28x55FD	62	19	25.3	28.6	34.6	M6x8	0.519	37.5	269	106	17	0.35
30x55FD	62	19	25.3	28.6	34.6	M6x8	0.559	37.5	251	106	17	0.34
32x60FD	67	20.5	27.3	30.9	36.9	M6x10	0.745	46.9	267	113	17	0.44
35x60FD	67	20.5	27.3	30.9	36.9	M6x10	0.823	46.9	244	113	17	0.41
38x65FD	73	20.5	27.5	31.1	37.1	M6x10	0.892	46.9	228	104	17	0.48
40x65FD	73	20.5	27.5	31.1	37.1	M6x10	0.931	46.9	217	104	17	0.45
42x75FD	83	23.5	30.8	34.8	42.8	M8x9	1.64	78.1	285	130	41	0.76
45x75FD	83	23.5	30.8	34.8	42.8	M8x9	1.75	78.1	266	130	41	0.71
48x80FD	88	23.5	31.0	35.0	43.0	M8x10	2.06	86.8	280	136	41	0.81
50x80FD	88	23.5	31.0	35.0	43.0	M8x10	2.16	86.8	270	136	41	0.77
55x85FD	94	23.5	30.8	34.8	42.8	M8x10	2.35	86.8	242	128	41	0.84
60x90FD	99	23.5	30.8	34.8	42.8	M8x10	2.55	86.8	219	122	41	0.90
65x95FD	104	23.5	30.8	34.8	42.8	M8x12	3.33	104	246	137	41	0.96
70x110FD	120	28	36.5	41.0	51.0	M10 x10	4.80	137	247	132	82	1.70
75x115FD	125	28	36.5	41.0	51.0	M10 x10	5.10	137	230	126	82	1.79
80x120FD	130	28	36.5	41.0	51.0	M10 x12	6.57	165	260	145	82	1.89
85x125FD	135	28	36.5	41.0	51.0	M10 x12	6.96	165	244	139	82	1.98
90x130FD	140	28	37.5	43.0	53.0	M10 x12	7.45	165	241	134	82	2.15
95x135FD	145	28	37.5	43.0	53.0	M10 x14	9.11	193	267	151	82	2.24
100x145FD	155	34	44.0	50.0	60.0	M10 x15	10.30	207	218	123	82	3.07
110x155FD	167	34	44.0	50.0	60.0	M10 x15	11.40	207	198	116	82	3.35
120x165FD	177	34	44.0	50.0	60.0	M10 x18	14.90	248	218	130	82	3.59
130x180FD	195	38	50.0	57.0	69.0	M12 x15	19.60	301	214	129	142	5.04
140x190FD	205	38	50.0	57.0	69.0	M12 x15	21.10	301	198	123	142	5.38
150x200FD	215	38	50.0	58.0	70.0	M12 x18	27.00	361	221	140	142	5.81

Hangzhou Xingda Machinery Co.,Ltd. T: +86 571 2280 7860 F: +86 571 2280 7855 www.xdmade.com

Bushing



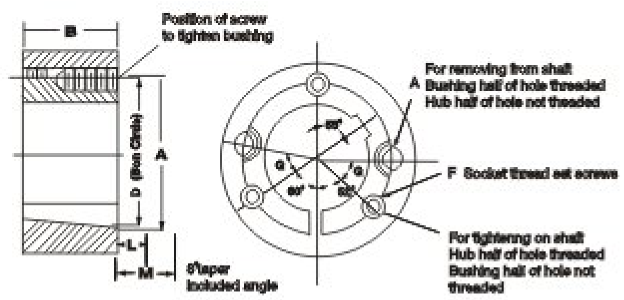


1008 – 3030 Taper Bushings

BUSH NO	A	B	D	Set Screws
1008	1.386	7/8	1 21/64	1/4x1/2
1108	1.511	7/8	1 29/64	1/4x1/2
1210	1 7/8	1	1 3/4	3/8x5/8
1215	1 7/8	1 1/2	1 3/4	3/8x5/8
1310	2	1	1 7/8	3/8x5/8
1610	2 1/4	1	2 1/8	3/8x5/8
1615	2 1/4	1 1/2	2 1/8	3/8x5/8
2012	2 3/4	1 1/4	2 5/8	7/16x7/8
2517	3 3/8	1 3/4	3 1/4	1/2x1
2525	3 3/8	2 1/2	3 1/4	1/2x1
3020	4 1/4	2	4	5/8x1 1/4
3030	4 1/4	3	4	5/8x1 1/4

BUSH NO	SCREW TIGHTENING TORQUES(Nm)	SCREW QUANTITY	SCREW SIZE
1008 1108	5.6	2	1/4" BSW
1210 1215	20	2	3/8" BSW
1310 1315	20	2	3/8" BSW
1610 1615	20	2	3/8" BSW
2012	31	2	7/16" BSW
2517	48	2	1/2" BSW
3020 3030	90	2	5/8" BSW
3535	112	3	1/2" BSW
4040	170	3	5/8" BSW
4545	192	3	3/4" BSW
5050	271	3	7/8" BSW

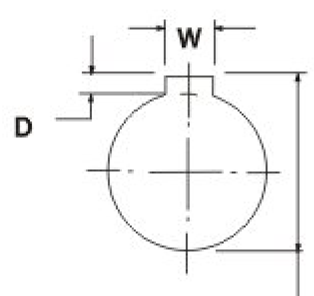
3535 – 5050 sizes



1008 – 5050 Taper Bushings

BUSH NO	A	B	D	Set Screws	G
3535	5	3 1/2	4.83	1/2x1 1/2	40°
4040	5 3/4	4	5.54	5/8x1 3/4	40°
4545	6 3/8	4 1/2	6.13	3/4x2	40°
5050	7	5	6.72	7/8x2 1/4	37°

Two screws required
Three screws required



Ref:Bore+D

MM Bore Key way dimensions conform to ISO standard
Depth measured at centerline

Hangzhou Xingda Machinery Co.,Ltd. T: +86 571 2280 7860 F: +86 571 2280 7855 www.xdmade.com

A DIN 6885 GB 1095-1979

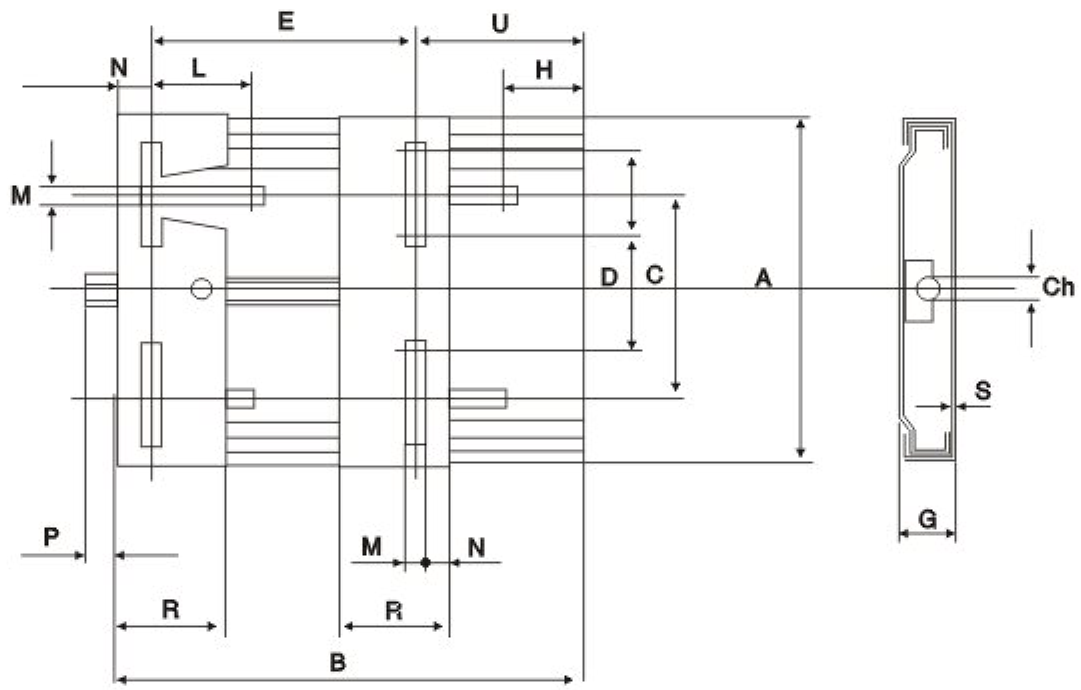
Bush No	Bore	Bushing Keyway
1008	10	3x1.40
1008	11, 12	4x1.80
1008	14, 16	5x2.30
1008	18, 19, 20, 22	6x2.80
1008	24	8x2.00
1008	25	8x1.30
1180	10	3x1.40
1180	11, 12	4x1.80
1180	14, 16	5x2.30
1180	18, 19, 20, 22	6x2.80
1180	24, 25	8x3.30
1180	28	8x2.00
1210	11, 12	4x1.80
1210	14, 16	5x2.30
1210	18, 19, 20, 22	6x2.80
1210	24, 25, 28, 30	8x3.30
1210	32	10x3.30
1215	11, 12	4x1.80
1215	14, 16	5x2.30
1215	18, 19, 20, 22	6x2.80
1215	24, 25, 28, 30	8x3.30
1215	32	10x3.30
1310	14, 16	5x2.30
1310	18, 19, 20, 22	6x2.80
1310	24, 25, 28, 30	8x3.30
1310	32, 35	10x3.30
1610	14, 16	5x2.30
1610	18, 19, 20, 22	6x2.80
1610	24, 25, 28, 30	8x3.30
1610	32, 35, 38	10x3.30
1610	40	12x3.30
1610	42	12x2.20
1615	14, 16	5x2.30
1615	18, 19, 20, 22	6x2.80
1615	24, 25, 28, 30	8x3.30
1615	32, 35, 38	10x3.30
1615	40	12x3.30
1615	42	12x2.20
2012	18, 19, 20, 22	6x2.80
2012	24, 25, 28, 30	8x3.30
2012	32, 35, 38	10x3.30
2012	40, 42	12x3.30
2012	45, 48, 50	14x3.80
2517	20, 22	6x2.80
2517	24, 25, 28, 30	8x3.30
2517	32, 35, 38	10x3.30
2517	40, 42	12x3.30
2517	45, 48, 50	14x3.80
2517	55	16x4.30
2517	60	18x4.40
2525	20, 22	6x2.80
2525	24, 25, 28, 30	8x3.30
2525	32, 35, 38	10x3.30
2525	40, 42	12x3.30
2525	45, 48, 50	14x3.80
2525	55	16x4.30
2525	60	18x4.40
3020	25, 28, 30	8x3.30
3020	32, 35, 38	10x3.30
3020	40, 42	12x3.30
3020	45, 48, 50	14x3.80
3020	55	16x4.30
3020	60, 65	18x4.40
3020	70, 75	20x4.90
3030	25, 28, 30	8x3.30
3030	32, 35, 38	10x3.30
3030	40, 42	12x3.30
3030	45, 48, 50	14x3.80
3030	55	16x4.30
3030	60, 65	18x4.40
3030	70, 75	20x4.90
3535	35, 38	10x3.30
3535	40, 42	12x3.30
3535	45, 48, 50	14x3.80
3535	55	16x4.30
3535	60, 65	18x4.40
3535	70, 75	20x4.90
3535	80, 85	22x5.40
3535	90	25x5.40
4040	40, 42	12x3.30
4040	45, 48, 50	14x3.80
4040	55	16x4.30
4040	60, 65	18x4.40
4040	70, 75	20x4.90
4040	80, 85	22x5.40
4040	90, 95	25x5.40
4040	100	28x6.40
4545	55	16x4.30
4545	60, 65	18x4.40
4545	70, 75	20x4.90
4545	80, 85	22x5.40
4545	90, 95	25x5.4
4545	100, 105, 110	28x6.40
5050	60, 65	18x4.40
5050	70, 75	20x4.90
5050	80, 85	22x5.40
5050	90, 95	25x5.40
5050	100, 105, 110	28x6.40
5050	115, 120, 125	32x7.40

B B.S.46:Part:1958

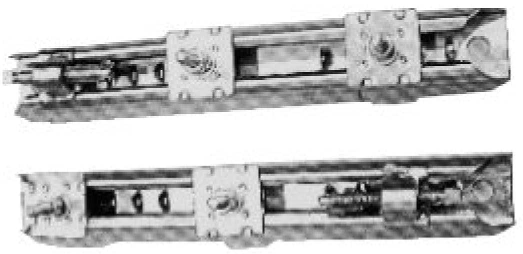
Bush No	Bore	Keyway Width	Keyway Depth
1008	1/2	0.125	0.062
	9/16, 5/8, 11/16, 3/4	0.187	0.093
	13/16, 7/8	0.25	0.125
	15/16, 1	0.25	0.062
1108	1/2	0.125	0.062
	9/16, 5/8, 11/16, 3/4	0.187	0.093
	13/16, 7/8, 15/16, 1	0.25	0.125
	1 1/16, 1 1/8	0.312	0.078
1210	1/2	0.125	0.062
	9/16, 5/8, 11/16, 3/4	0.187	0.093
	13/16, 7/8, 15/16, 1	0.25	0.125
	1-1/16, 1-1/8, 1-3/16, 1-1/4	0.312	0.125
1215	1/2	0.125	0.062
	9/16, 5/8, 11/16, 3/4	0.187	0.093
	13/16, 7/8, 15/16, 1	0.25	0.125
	1 1/16, 1 1/8, 1 3/16, 1 1/4	0.312	0.125
1310	1/2	0.125	0.062
	9/16, 5/8, 11/16, 3/4	0.187	0.093
	13/16, 7/8, 15/16, 1	0.25	0.125
	1 1/16, 1 1/8, 1 3/16, 1 1/4	0.312	0.125
	1 5/16, 1 3/8	0.375	0.125
1610	1/2	0.125	0.062
	9/16, 5/8, 11/16, 3/4	0.187	0.093
	13/16, 7/8, 15/16, 1	0.25	0.125
	1 1/16, 1 1/8, 1 3/16, 1 1/4	0.312	0.125
	1 5/16, 1 3/8, 1 7/16, 1 1/2	0.375	0.125
	1 9/16, 1 5/8	0.437	0.125
1615	1/2	0.125	0.062
	9/16, 5/8, 11/16, 3/4	0.187	0.093
	13/16, 7/8, 15/16, 1	0.25	0.125
	1 1/16, 1 1/8, 1 3/16, 1 1/4	0.312	0.125
	1 5/16, 1 3/8, 1 7/16, 1 1/2	0.375	0.125
	1 9/16, 1 5/8	0.437	0.125
2012	1/2	0.125	0.062
	9/16, 5/8, 11/16, 3/4	0.187	0.093
	13/16, 7/8, 15/16, 1	0.25	0.125
	1 1/16, 1 1/8, 1 3/16, 1 1/4	0.312	0.125
	1 5/16, 1 3/8, 1 7/16, 1 1/2	0.375	0.125
	1 9/16, 1 5/8, 1 11/16, 1 3/4	0.437	0.156
	1 13/16, 1 7/8	0.50	0.156
	1 15/16, 2	0.50	0.125
2517	1/2	0.125	0.062
	5/8, 11/16, 3/4	0.187	0.093
	13/16, 7/8, 15/16, 1	0.25	0.125
	1 1/16, 1 1/8, 1 3/16, 1 1/4	0.312	0.125
	1 5/16, 1 3/8, 1 7/16, 1 1/2	0.375	0.125
	1 9/16, 1 5/8, 1 11/16, 1 3/4	0.437	0.156
	1 13/16, 1 7/8, 1 15/16, 2	0.50	0.156
	2 1/16, 2 1/8, 2 3/16, 2 1/4	0.625	0.218
	2 5/16, 2 3/8, 2 7/16, 2 1/2	0.625	0.187
2525	3/4	0.187	0.093
	7/8, 1	0.25	0.125
	1 1/8, 1 3/16, 1 1/4	0.312	0.125
	1 3/8, 1 7/16, 1 1/2	0.375	0.125
	1 5/8, 1 11/16, 1 3/4	0.437	0.156
	1 13/16, 1 7/8, 1 15/16, 2	0.50	0.156
	2 1/8, 2 3/16, 2 1/4	0.625	0.218
	2 5/16, 2 3/8, 2 7/16, 2 1/2	0.625	0.187
3020	7/8, 15/16, 1	0.25	0.125
	1 1/8, 1 3/16, 1 1/4	0.312	0.125
	1 5/16, 1 3/8, 1 7/16, 1 1/2	0.375	0.125
	1 9/16, 1 5/8, 1 11/16, 1 3/4	0.437	0.156
	1 13/16, 1 7/8, 1 15/16, 2	0.50	0.156
	2 1/16, 2 1/8, 2 3/16, 2 1/4, 2 5/16, 2 3/8, 2 7/16, 2 1/2	0.625	0.218
	2 5/8, 2 11/16, 2 3/4	0.75	0.250
	2 13/16, 2 7/8, 2 15/16, 3	0.75	0.218
3030	15/16, 1	0.25	0.125
	1 1/8, 1 3/16, 1 1/4	0.312	0.125
	1 5/16, 1 3/8, 1 7/16, 1 1/2	0.375	0.125
	1 9/16, 1 5/8, 1 11/16, 1 3/4	0.437	0.156
	1 13/16, 1 7/8, 1 15/16, 2	0.50	0.156
	2 1/16, 2 1/8, 2 3/16, 2 1/4, 2 5/16, 2 3/8, 2 7/16, 2 1/2	0.625	0.218
	2 5/8, 2 11/16, 2 3/4	0.75	0.250
	2 7/8, 2 15/16, 3	0.75	0.218
3535	1 3/16, 1 1/4	0.312	0.125
	1 3/8, 1 7/16, 1 1/2	0.375	0.125
	1 5/8, 1 11/16, 1 3/4	0.437	0.156
	1 7/8, 1 15/16, 2	0.50	0.156
	2 1/8, 2 3/16, 2 1/4, 2 5/16, 2 3/8, 2 7/16, 2 1/2	0.625	0.218
	2 5/8, 2 11/16, 2 3/4, 2 7/8, 2 15/16, 3	0.75	0.25
	3 1/8, 3 3/16, 3 1/4	0.875	0.312
	3 5/16, 3 3/8, 3 7/16, 3 1/2	0.875	0.25
4040	1 7/16, 1 1/2	0.375	0.125
	1 5/8, 1 11/16, 1 3/4	0.437	0.156
	1 7/8, 1 15/16, 2	0.50	0.156
	2 1/8, 2 3/16, 2 1/4, 2 3/8, 2 7/16, 2 1/2	0.625	0.218
	2 5/8, 2 11/16, 2 3/4, 2 7/8, 2 15/16, 3	0.75	0.25
	3 1/8, 3 3/16, 3 1/4, 3 3/8, 3 7/16, 3 1/2	0.875	0.312
	3 5/8, 3 11/16	1.0	0.375
	3 3/4, 3 7/8, 3 15/16, 4	1.0	0.25
	4 7/16	1.25	0.25
4545	1 15/16, 2	0.50	0.156
	2 3/16, 2 3/8, 2 7/16	0.625	0.218
	2 5/8, 2 3/4, 2 7/8, 2 15/16, 3	0.75	0.25
	3 1/8, 3 3/16, 3 1/4, 3 3/8, 3 7/16, 3 1/2	0.875	0.312
	3 5/8, 3 3/4, 3 7/8, 3 15/16, 4	1.0	0.375
	4 1/8, 4 3/16	1.25	0.437
	4 1/4, 4 3/8, 4 7/16, 4 1/2, 4 3/4	1.25	0.25
5050	2 7/16	0.625	0.218
	2 15/16	0.75	0.25
	3 3/8, 3 7/16	0.875	0.312
	3 5/8, 3 3/4, 3 7/8, 3 15/16, 4	1.0	0.375
	4 1/4, 4 3/8, 4 7/16, 4 1/2	1.25	0.437
	4 7/8, 4 15/16, 5	1.25	0.312

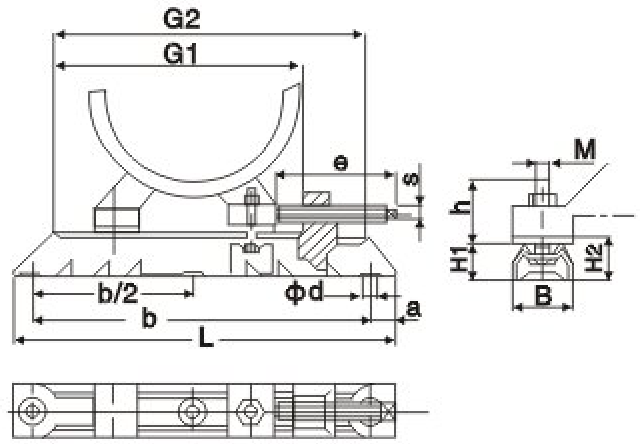
Hangzhou Xingda Machinery Co.,Ltd. T: +86 571 2280 7860 F: +86 571 2280 7855 www.xdmade.com

Motor Base



CODE	A	B	C	D	E(min)	G	H	L	M	N	P	R	S	U	Ch
XD210	195	210	98	43	100	34	25	50	10.5	20	38	70	3	90	19
XD270	195	270	98	43	100	33	25	50	10.5	20	38	70	3	150	19
XD370	213	370	109	65	100	35	30	50	10.5	20	42	70	3	17.5	19
XD340	280	340	165	90	135	40	30	62	12.5	27	26	95	4	180	22
XD430	282	430	165	90	132	40	29	62	12.5	27	30	95	4	271	22
XD490	410	490	284	193	114	40	30	60	15	40	24	95	4	336	22





Type	Total Length L	Slide Length G1	Motor-type	MXH	eXs	G2	a	b	b/2	ød	B	H1	H2	G.W (kg)
312/6	312	240	63/71	M6X19	75X6	262	16	280	-	12	40	28	30	1.4
312/8	312	240	80/90	M8X27	75X6	262	16	280	-	12	40	28	30	1.5
375/6	375	305	63/71	M6X19	75X6	325	16	343	-	12	40	28	30	1.5
375/8	375	305	80/90	M8X27	75X6	325	16	343	-	12	40	28	30	1.6
375/10	375	305	100/112	M10X32	75X6	325	16	343	-	12	40	28	30	1.6
395/8	395	302	80/90	M8X28	97X8	325	20	355	-	12	50	40	43	3.4
395/10	395	302	100/112	M10X35	97X8	325	20	355	-	12	50	40	43	3.4
495/8	495	405	80/90	M8X29	97X8	325	20	455	-	12	50	40	43	4
495/10	495	405	100/112/132	M10X35	97X8	325	20	455	-	12	50	40	43	4
495/12	495	405	160	M12X49	97X8	325	20	455	-	12	50	40	43	4
530/10	530	413	132	M10X37	119X9	442	25	480	-	14	60	50	54	6.4
530/12	530	413	160	M12X49	119X9	442	25	480	-	14	60	50	54	6.4
630/10	630	515	132	M10X37	119X9	542	25	580	-	14	60	50	54	8.2
630/12	630	515	160/180	M12X45	119X9	542	25	580	-	14	60	50	54	8.2
686/12	686	538	160/180	M12X43	154X12	575	28	630	315	18	75	60	64	12.8
686/16	686	538	200/225	M16X62	154C12	575	28	630	315	18	75	60	64	12.8
864/16	864	700	200/225	M16X60	300X16	810	32	800	400	24	90	75	-	16.6
864/20	864	700	250/280	M20X68	300X16	810	32	800	400	24	90	75	-	16.6
1072/20	1072	865	250/280	M20X77	360X19	995	36	1000	500	30	112	100	-	33.4
1072/24	1072	865	315	M24X88	360X19	995	36	1000	500	30	112	100	-	33.5
1330/24	1330	1065	315/355	M24X95	430X21	1215	40	1250	625	30	130	125	-	33.6

Hangzhou Xingda Machinery Co.,Ltd. T：+86 571 2280 7860 F：+86 571 2280 7855 www.xdmade.com

Other Products

NMRV

NRV

NMRV-NMRV

NRV-NMRV

UDL.B3

UDL-NMRV

SWL

XDTM

XDS

XDK

XDF

XDR

WPWD WPW WPWEDA