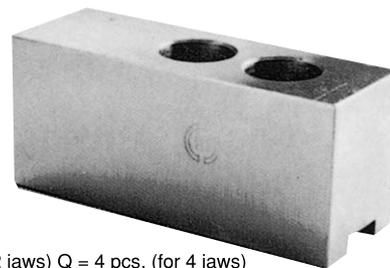




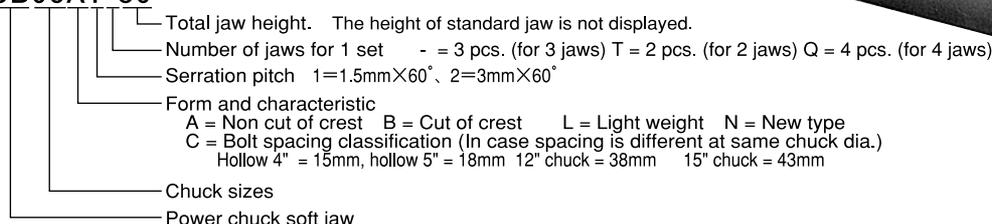
CHUCK

Soft Jaws for Power Chuck

SB series



Description of Model **SB06A1-80**



Combination of Soft Jaws *Chuck models in parentheses are discontinued models.

Standard jaw	High jaw	Adaptive closed center chuck	Adaptive open center chuck
SB04C1	SB04C1-036, SB04C1-048		(B-04, HOB-4)
SB04C1T	SB04C1T048		(BT04, HOBT-4)
SB04B1	SB04A1-036, SB04A1-048	N-04 (HJ-4), AS04, NL04, NRC04	
SB04A1T	SB04A1T048	NT04, AT04	
SB04N1	SB04N1-036, SB04N1-048		B-204
SB04N1T			BT204
SB05C1	SB05C1-038, SB05C1-053		(B-05, HOB-5)
SB05C1T	SB05C1T053		(BT05, HOBT-5)
SB05B1	SB05A1-038, SB05A1-053	N-05 (HJ-5)	
SB05A1T	SB05A1T053	NT05	
SB05N1	SB05N1-038, SB05N1-053		B-205
SB05N1T			BT205
SB06B1	SB06A1-066	N-06, NL06, AS06, NRC06, (HJA5-6)	BB206, B-06 (HOB-6, HOS-6, HO-6, HOH-06K)
SB06A2	SB06A2-057, SB06A2-077	(HJ-6)	
SB06A1T	SB06A1T066	NT06, NLT06, AT06	(BT06, HOBT-6)
SB06C1		(HT-6)	UVE160K
SB06L1A			BS306, B-206, HOH-206, BL206
SB06L1T			BT206
SB08B1	SB08A1-056, SB08A1-076	N-08, NL08, AS08, NRC08, (HJA6-8)	BB208, BS308, B-208, HOH-208, BL208, B-08 (HOB-8, HOS-8, HO-8, HOH-08K)
SB08B1Q	SB08B1Q-76	HW-08	
SB08A2	SB08A2-077	(HJ-8)	
SB08A1T	SB08A1T056, SB08A1T076	NT08, NLT08, AT08	BT208, (BT08, HOBT-8)
SB10A1		NL10, AS10, NRC10	
SB10B1	SB10A1-056, SB10A1-080, SB10A1-116	N-10, (HJA6-8-10)	BB210, BS310, B-210, BL210, B-10, (HOB-10, HOS-10, HO-10), HOH-10K, UVE200K, UVE250K
SB10A2Q	SB10B2Q080	HW-10, 12	
SB10A2	SB10A2-080	(HJ-10)	
SB10A1T	SB10A1T080	NT10, NLT10, AT10	BT210, (BT10, HOBT-10)
SB12A1	SB12A1-090	N-12, NL12, (HJA6-8-12)	B-12, (HOB-12, HOS-12), HOH-12K
SB12C1			UVE315K, (HO-12)
SB12A2	SB12A2-127	(HJ-12)	
SB12A1T	SB12A1T090	NT12, NLT12	(BT12, HOBT-12)
SB12N1	SB12N1-090		BB212, B-212, BL212
SB12N1T			BT212, BLT212
SB15C1	SB15C1-110		B-15-18, (HOB-15-18, HO-15, HOS-15), HOH-15K
SB15A1	SB15A1-110	(HJA8-15-18-21, HJA11-15)	
SB15A2		(HJ-15)	UVE400K
SB15A2Q		HW-15	
SB15C1T			(BT15, HOBT-15)
SB15N1	SB15N1-110	N-15, N-18	B-215
UVE500AR			(UVE500AR)
SB18A2	SB18A2-110	N-21, N-24, (HJ-18-21, HJA11-18-21)	B-21-24, (HOB-21-24, UVE500K-630K, UVE550AR-630AR, UVE500L, UVE630L, UVE500LB, UVE630LB)
SB24A2	SB24A2-130	(HJA11-24, HJ-24)	(UVE800K, UVE750AR, UVE800LB)
SB06BB	SB06BB-040		QB306, (QB206)
SB08BB	SB08BB-056		QB308, (QB208)
SB10BB	SB10BB-060		QB310, (QB210)
SB12BB	SB12BB-070		QB312, (QB212)
PW-06		PW-06	
PW-08		PW-08	
PW-10		PW-10	
PW-12		PW-12	
PW-15		PW-15	

Parts and Others

■ **Combination Table for Standard Soft Jaws**

Chuck	Soft jaw	Chuck	Soft jaw
N-04	SB04B1	BT204	SB04N1T
N-05	SB05B1	BT205	SB05N1T
N-06	SB06B1	BT206	SB06L1T
N-08	SB08B1	BT208	SB08A1T
N-10	SB10B1	BT210	SB10A1T
N-12	SB12A1	BT212	SB12N1T
N-15	SB15N1		
N-18	SB15N1	BL206	SB06L1A
N-21	SB18A2	BL208	SB08B1
N-24	SB18A2	BL210	SB10B1
		BL212	SB12N1
NT-04	SB04A1T		
NT-05	SB05A1T	QB306	SB06BB
NLT-06	SB06A1T	QB308	SB08BB
NLT-08	SB08A1T	QB310	SB10BB
NLT-10	SB10A1T	QB312	SB12BB
NLT-12	SB12A1T		
		UVE160K	SB06C1
NL-04	SB04B1	UVE200K	SB10B1
NL-06	SB06B1	UVE250K	SB10B1
NL-08	SB08B1	UVE315K	SB12C1
NL-10	SB10A1	UVE400K	SB15A2
NL-12	SB12A1	UVE500LB	SB18A2
		UVE500AR	UVE500AR
HJ-06	SB06A2	UVE630LB	SB18A2
HJ-08	SB08A2	UVE630AR	SB18A2
HJ-10	SB10A2	UVE750AR	SB24A2
HJ-12	SB12A2	UVE800LB	SB24A2
B-04	SB04C1	AS04	SB04B1
B-05	SB05C1	AS06	SB06B1
B-06	SB06B1	AS08	SB08B1
B-08	SB08B1	AS10	SB10A1
B-10	SB10B1		
B-12	SB12A1	AT04	SB04A1T
B-15	SB15C1	AT06	SB06A1T
B-18	SB15C1	AT08	SB08A1T
B-21	SB18A2	AT10	SB10A1T
B-24	SB18A2		
		NRC04	SB04B1
BT-04	SB04C1T	NRC06	SB06B1
BT-05	SB05C1T	NRC08	SB08B1
BT-06	SB06A1T	NRC10	SB10B1
BT-08	SB08A1T		
BT-10	SB10A1T	HW-08	SB08B1Q
BT-12	SB12A1T	HW-10	SB10A2Q
BT-15	SB15C1T	HW-12	SB10A2Q
		HW-15	SB15A2Q
B-204	SB04N1		
B-205	SB05N1	HOH206	SB06L1A
B-206	SB06L1A	HOH208	SB08B1
B-208	SB08B1	HOH10K	SB10B1
B-210	SB10B1	HOH12K	SB12A1
B-212	SB12N1	HOH15K	SB15C1
B-215	SB15N1		

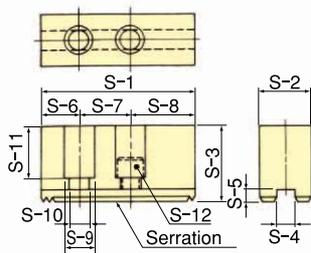
■ **Combination Table for Standard Soft Jaws**

Chuck	Soft jaw	Chuck	Soft jaw
BB206	SB06B1	PW-06	SBPW-06
BB208	SB08B1	PW-08	SBPW-08
BB210	SB10B1	PW-10	SBPW-10
BB212	SB12N1	PW-12	SBPW-12
		PW-15	SBPW-15
BS306	SB06L1A		
BS308	SB08B1	UB450K	UB450
BS310	SB10B1	UB560K	UB560K
		UB630K	UB710
		UB710K	UB710

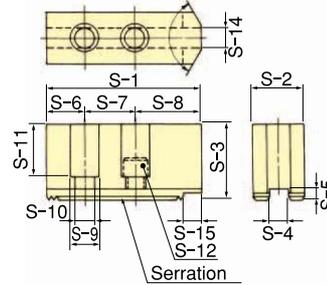
■ **Interchangeable High jaws with standard jaws**

Standard jaw	High jaw
SB04C1	SB04C1-036, SB04C1-048
SB04C1T	SB04C1T048
SB04B1	SB04A1-036, SB04A1-048
SB04A1T	SB04C1T048
SB04N1	SB04N1-036, SB04N1-048
SB05C1	SB05C1-038, SB05C1-053
SB05C1T	SB05C1T053
SB05B1	SB05A1-038, SB05A1-053
SB05A1T	SB05A1T053
SB05N1	SB05N1-038, SB05N1-053
SB06B1	SB06A1-066
SB06A2	SB06A2-057, SB06A2-077
SB06A1T	SB06A1T066
SB08B1	SB08A1-056, SB08A1-076
SB08B1Q	SB08B1Q-76
SB08A2	SB08A2-077
SB08A1T	SB08A1T056, SB08A1T076
SB10B1 (A1)	SB10A1-056, SB10A1-080, SB10A1-116
SB10A2Q	SB10A2Q080
SB10A2	SB10A2-080
SB10A1T	SB10A1T080
SB12A1	SB12A1-090
SB12A2	SB12A2-127
SB12A1T	SB12A1T090
SB12N1	SB12N1-090
SB15A1	SB15A1-110
SB15C1	SB15C1-110
SB15N1	SB15N1-110
SB18A2	SB18A2-110
SB24A2	SB24A2-130
SB06BB	SB06BB-040
SB08BB	SB08BB-056
SB10BB	SB10BB-060
SB12BB	SB12BB-070

Ref. DWG. 1



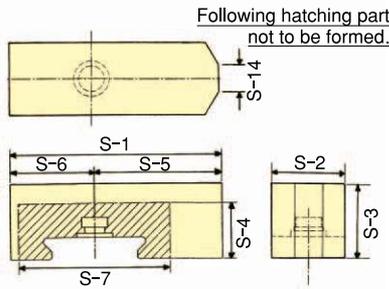
Ref. DWG. 2



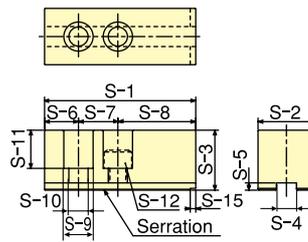
Dimensions

Soft Jaw TYPE	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-14	S-15	Serration pitch	Ref. DWG.
SB04C1	48	19	23	8	3	8	15	25	11	6.6	15	M6x16	6		1.5x60°	2
SB04C1-036	48	19	36	8	3	8	15	25	11	6.6	28	M6x16			1.5x60°	1
SB04C1-048	48	19	48	8	3	8	15	25	11	6.6	40	M6x16			1.5x60°	1
SB04C1T	48	19	23	8	3	8	15	25	11	6.6	15	M6x16			1.5x60°	1
SB04C1T048	48	19	48	8	3	8	15	25	11	6.6	40	M6x16			1.5x60°	1
SB04B1	55	23	25	10	4	13	14	28	13.5	8.5	16	M8x22	3	13	1.5x60°	2
SB04A1-036	55	23	36	10	4	13	14	28	13.5	8.5	27	M8x22			1.5x60°	1
SB04A1-048	55	23	48	10	4	13	14	28	13.5	8.5	39	M8x22			1.5x60°	1
SB04A1T	55	23	25	10	4	13	14	28	13.5	8.5	16	M8x22			1.5x60°	1
SB04A1T048	55	23	48	10	4	13	14	28	13.5	8.5	39	M8x22			1.5x60°	1
SB04N1	49.5	23	23	10	4	10	14	25.5	13.5	8.5	14.5	M8x20	4		1.5x60°	2
SB04N1T	49.5	23	23	10	4	10	14	25.5	13.5	8.5	14.5	M8x20			1.5x60°	1
SB04N1-036	49.5	23	36	10	4	10	14	25.5	13.5	8.5	27.5	M8x20			1.5x60°	1
SB04N1-048	49.5	23	48	10	4	10	14	25.5	13.5	8.5	39.5	M8x20			1.5x60°	1
SB05C1	57	23	31	10	3	10	18	29	13.5	8.5	22	M8x20	12		1.5x60°	2
SB05C1-038	57	23	38	10	3	10	18	29	13.5	8.5	29	M8x20			1.5x60°	1
SB05C1-053	57	23	53	10	3	10	18	29	13.5	8.5	44	M8x20			1.5x60°	1
SB05C1T	57	23	31	10	3	10	18	29	13.5	8.5	22	M8x20			1.5x60°	1
SB05C1T053	57	23	53	10	3	10	18	29	13.5	8.5	44	M8x20			1.5x60°	1
SB05B1	62	23	27	10	4	14	19	29	13.5	8.5	18	M8x22	12	14	1.5x60°	2
SB05A1-038	62	23	38	10	4	14	19	29	13.5	8.5	29	M8x22			1.5x60°	1
SB05A1-053	62	23	53	10	4	14	19	29	13.5	8.5	44	M8x22			1.5x60°	1
SB05A1T	62	23	27	10	4	14	19	29	13.5	8.5	18	M8x22			1.5x60°	1
SB05A1T053	62	23	53	10	4	14	19	29	13.5	8.5	44	M8x22			1.5x60°	1
SB05N1	54	23	25	10	4	12	14	28	13.5	8.5	16.5	M8x20	5		1.5x60°	2
SB05N1T	54	23	25	10	4	12	14	28	13.5	8.5	16.5	M8x20			1.5x60°	1
SB05N1-038	54	23	38	10	4	12	14	28	13.5	8.5	29.5	M8x20			1.5x60°	1
SB05N1-053	54	23	53	10	4	12	14	28	13.5	8.5	44.5	M8x20			1.5x60°	1
SB06B1	72	31	32	12	5	15	20	37	17	11	20	M10x30	12	15	1.5x60°	2
SB06A1-066	72	31	66	12	5	15	20	37	17	11	54	M10x30			1.5x60°	1
SB06A2	75	32	36	12	6	19	20	36	17	11	23	M10x30			3.0x60°	1
SB06A2-057	75	32	57	12	6	19	20	36	17	11	44	M10x30			3.0x60°	1
SB06A2-077	75	32	77	12	6	19	20	36	17	11	64	M10x30			3.0x60°	1
SB06A1T	72	31	32	12	5	15	20	37	17	11	20	M10x30			1.5x60°	1
SB06A1T066	72	31	66	12	5	15	20	37	17	11	54	M10x30			1.5x60°	1
SB06C1	76.5	40	37	14	5	15	25	36.5	19	13	22	M12x30			1.5x60°	1
SB06L1A	66	26	28	12	5	12	20	34	17	11	16	M10x25	5	12	1.5x60°	2
SB06L1T	66	26	28	12	5	12	20	34	17	11	16	M10x25			1.5x60°	1
SB08B1	95	35	38	14	5	24	25	46	19	13	23	M12x35	12	20	1.5x60°	2
SB08A1-056	95	35	56	14	5	24	25	46	19	13	41	M12x35			1.5x60°	1
SB08A1-076	95	35	76	14	5	24	25	46	19	13	61	M12x35			1.5x60°	1
SB08B1Q	90	31	38	12	5	24	20	46	17	11	26	M10x25	16	24	1.5x60°	2
SB08B1Q-76	90	31	76	12	5	24	20	46	17	11	64	M10x25	16	24	1.5x60°	2
SB08A2	95	35	42	14	6	24	25	46	19	13	26	M12x35			3.0x60°	1
SB08A2-077	95	35	77	14	6	24	25	46	19	13	61	M12x35			3.0x60°	1
SB08A1T	95	35	38	14	5	24	25	46	19	13	23	M12x35			1.5x60°	1
SB08A1T056	95	35	56	14	5	24	25	46	19	13	41	M12x35			1.5x60°	1
SB08A1T076	95	35	76	14	5	24	25	46	19	13	61	M12x35			1.5x60°	1
UB450	165	62	66	25.5	8	37	43	85	32	21	43	M20x45			3.0x60°	1
UB560K	180	65	69.2	25.5	8	39.5	60	80.5	32	21	45.3	M20x45			3.0x60°	1
UB710	209.5	75	80	30	9	40	60	109.5	39	26	55	M24x60			3.0x60°	1

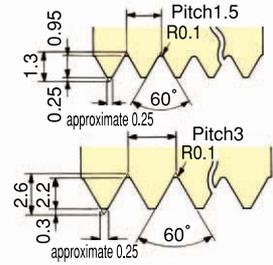
Ref. DWG. 3



Ref. DWG. 4



Ref. DWG. 1, 2, 4
Serration



■ Dimensions

Soft Jaw TYPE	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-14	S-15	Serration pitch	Ref. DWG.
SB10B1	110	40	42	16	5	30	30	50	19	13	27	M12x35	15	20	1.5x60°	2
SB10A1	110	40	42	16	5	30	30	50	19	13	27	M12x35			1.5x60°	1
SB10A1-056	110	40	56	16	5	30	30	50	19	13	41	M12x35			1.5x60°	1
SB10A1-080	110	40	80	16	5	30	30	50	19	13	65	M12x35			1.5x60°	1
SB10A1-116	110	40	116	16	5	30	30	50	19	13	101	M12x35			1.5x60°	1
SB10A2Q	110	40	42	16	6	30	30	50	19	13	26	M12x35			3.0x60°	1
SB10A2Q080	110	40	80	16	6	30	30	50	19	13	64	M12x35			3.0x60°	1
SB10A2	110	40	42	16	6	30	30	50	19	13	26	M12x35			3.0x60°	1
SB10A2-080	110	40	80	16	6	30	30	50	19	13	65	M12x35			3.0x60°	1
SB10A1T	110	40	42	16	5	30	30	50	19	13	27	M12x35			1.5x60°	1
SB10A1T080	110	40	80	16	5	30	30	50	19	13	65	M12x35			1.5x60°	1
SB12A1	129	50	50	18	5	39	30	60	23	15	30	M14x45			1.5x60°	1
SB12A1-090	129	50	90	18	5	39	30	60	23	15	70	M14x45			1.5x60°	1
SB12C1	129	50	50	18	5	32	38	59	22	15	35	M14x35			1.5x60°	1
SB12A2	129	50	50	18	6	32	38	59	22	15	34	M14x40			3.0x60°	1
SB12A2-127	129	50	127	18	6	32	38	59	22	15	111	M14x40			3.0x60°	1
SB12A1T	129	50	50	18	5	39	30	60	23	15	30	M14x45			1.5x60°	1
SB12A1T090	129	50	90	18	5	39	30	60	23	15	70	M14x45			1.5x60°	1
SB12N1	111	50	50	21	4	21	30	60	25	17	33	M16x40			1.5x60°	1
SB12N1-090	111	50	90	21	4	21	30	60	25	17	73	M16x40			1.5x60°	1
SB12N1T	111	50	50	21	4	21	30	60	25	17	33	M16x40			1.5x60°	1
SB15C1	165	62	66	22	8	37	43	85	32	21	42	M20x60	6		1.5x60°	4
SB15C1-110	165	62	110	22	8	37	43	85	32	21	86	M20x60	6		1.5x60°	4
SB15A1	156	62	70	22	8	36	60	60	32	21	45	M20x55			1.5x60°	1
SB15A1-110	156	62	110	22	8	36	60	60	32	21	85	M20x55			1.5x60°	1
SB15A2	156	62	70	22	9	36	60	60	32	21	45	M20x55			3.0x60°	1
SB15A2Q	129	50	50	18	6	32	38	59	22	15	34	M14x40			3.0x60°	1
SB15C1T	165	62	66	22	8	37	43	85	32	21	42	M20x60	6		1.5x60°	4
SB15N1	135	50	60	25.5	5	26	43	66	32	21	39	M20x55			1.5x60°	1
SB15N1-110	135	50	110	25.5	5	26	43	66	32	21	89	M20x55			1.5x60°	1
UVE500AR	210	65	100	25	9	40	60	110	32	21	75	M20x45			3.0x60°	1
SB18A2	180	65	70	25	9	40	60	80	32	21	45	M20x60			3.0x60°	1
SB18A2-110	180	65	110	25	9	40	60	80	32	21	85	M20x45			3.0x60°	1
SB24A2	210	75	90	25	9	40	80	90	32	21	65	M20x65			3.0x60°	1
SB24A2-130	210	75	130	25	9	40	80	90	32	21	105	M20x65			3.0x60°	1
SB06BB	90	32	30	24	54	36	68						5			3
SB06BB-040	90	32	40	24	54	36	68						5			3
SB08BB	106	37	38	28	64	42	76						14			3
SB08BB-056	106	37	56	28	64	42	76						14			3
SB10BB	125	42	42	31	76	49	88						26			3
SB10BB-060	125	42	60	31	76	49	88						26			3
SB12BB	139	42	50	34	90	49	92						30			3
SB12BB-070	139	42	70	34	90	49	92						30			3
PW-06	67.5	50.8	51	38.07	3.3	15	29.36	23.14	17	11	42.4	M10x16	8			2
PW-08	74	57	57.47	44.45	3.3	15	34.14	24.86	20	13.5	47	M12x20				1
PW-10	89.5	70.1	70.2	57.1	3.3	19	44.45	26.05	25	17	59	M16x25				1
PW-12	108.5	70.1	70.2	57.1	3.3	19	44.45	45.05	25	17	59	M16x25				1
PW-15	140	76.2	76.5	66.62	3.3	23.9	53.98	62.12	32	21	61.2	M20x30				1