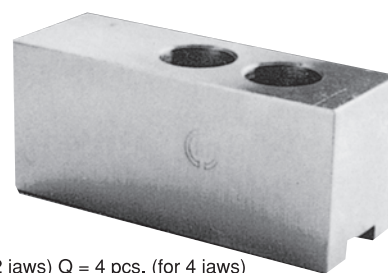




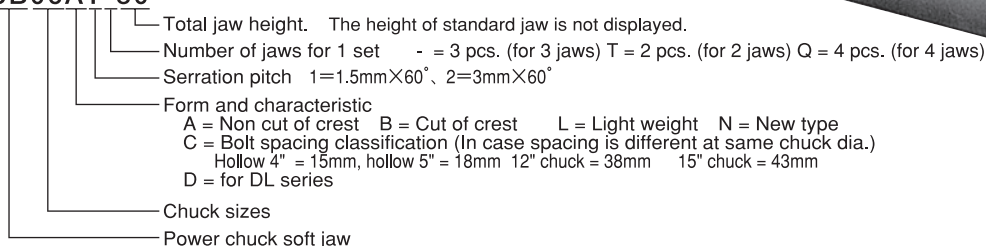
CHUCK

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 centre chuck	Adaptive open centre 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, BB06)
SB06A1T	SB06A1T066	NT06, NLTO6, AT06	(BT06, HOBT-6)
SB06C1		(HT-6)	UVE160K
SB06D1		DL206 (DL06)	
SB06L1A			BS306, B-206, HOH-206, BL206
SB06L1T			BT206
SB08B1	SB08A1-056, SB08A1-076	N-08, NL08, AS08, NRC08, DL208 (DL08), (HJA6-8)	BB208, BS308, B-208, HOH-208, BL208, B-08 (HOB-8, HOS-8, HO-8, HOH-08K, BB08)
SB08B1Q	SB08B1Q-76	HW-08	
SB08A1T	SB08A1T056, SB08A1T076	NT08, NLT08, AT08	BT208, (BT08, HOBT-8)
SB10A1	SB10A1-056, SB10A1-080, SB10A1-116	NL10, AS10, NRC10	
SB10B1		N-10, (HJA6-8-10)	BB210, BS310, B-210, BL210, B-10, (HOB-10, HOS-10, HO-10), HOH-10K, UVE200K, UVE250K
SB10A2Q	SB10A2Q080	HW-10, 12	
SB10A2	SB10A2-080	(HJ-10)	
SB10A1T	SB10A1T080	NT10, NLT10, AT10	BT210, (BT10, HOBT-10)
SB10D1		DL210 (DL10)	
SB12A1	SB12A1-090	N-12, NL12, DL212 (DL12), (HJA6-8-12)	B-12, (HOB-12, HOS-12), HOH-12K
SB12C1			UVE315K, (HO-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, UVE500AR-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	

■ Combination Table for Standard Soft Jaws

Chuck	Soft jaw	Chuck	Soft jaw
B-204	SB04N1	N-04	SB04B1
B-205	SB05N1	N-05	SB05B1
B-206	SB06L1A	N-06	SB06B1
B-208	SB08B1	N-08	SB08B1
B-210	SB10B1	N-10	SB10B1
B-212	SB12N1	N-12	SB12A1
B-215	SB15N1	N-15	SB15N1
		N-18	SB15N1
B-04	SB04C1	N-21	SB18A2
B-05	SB05C1	N-24	SB18A2
B-06	SB06B1		
B-08	SB08B1	NL04	SB04B1
B-10	SB10B1	NL06	SB06B1
B-12	SB12A1	NL08	SB08B1
B-15	SB15C1	NL10	SB10A1
B-18	SB15C1	NL12	SB12A1
B-21	SB18A2		
B-24	SB18A2	NT04	SB04A1T
		NT05	SB05A1T
BB206	SB06B1	NLT06	SB06A1T
BB208	SB08B1	NLT08	SB08A1T
BB210	SB10B1	NLT10	SB10A1T
BB212	SB12N1	NLT12	SB12A1T
BB06	SB06B1		
BB08	SB08B1	HW-08	SB08B1Q
		HW-10	SB10A2Q
BS306	SB06L1A	HW-12	SB10A2Q
BS308	SB08B1	HW-15	SB15A2Q
BS310	SB10B1		
		UVE160K	SB06C1
BL206	SB06L1A	UVE200K	SB10B1
BL208	SB08B1	UVE250K	SB10B1
BL210	SB10B1	UVE315K	SB12C1
BL212	SB12N1	UVE400K	SB15A2
		UVE500LB	SB18A2
H0H-206	SB06L1A	UVE500AR	UVE500AR
H0H-208	SB08B1	UVE630LB	SB18A2
H0H-10K	SB10B1	UVE630AR	SB18A2
H0H-12K	SB12A1	UVE750AR	SB24A2
H0H-15K	SB15C1	UVE800LB	SB24A2
QB306	SB06BB	UB450K	UB450
QB308	SB08BB	UB560K	UB560K
QB310	SB10BB	UB630K	UB710
QB312	SB12BB	UB710K	UB710
BT204	SB04N1T	DL206	SB06D1
BT205	SB05N1T	DL208	SB08B1
BT206	SB06L1T	DL210	SB10D1
BT208	SB08A1T	DL212	SB12A1
BT210	SB10A1T	DL06	SB06D1
BT212	SB12N1T	DL08	SB08B1
BT-04	SB04C1T	DL10	SB10D1
BT-05	SB05C1T	DL12	SB12A1
BT-06	SB06A1T		
BT-08	SB08A1T	DLN06	SB06B1
BT-10	SB10A1T	DLN08	SB08B1
BT-12	SB12A1T		
BT-15	SB15C1T		

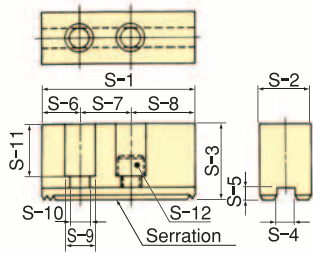
■ Combination Table for Standard Soft Jaws

Chuck	Soft jaw	Chuck	Soft jaw
PW-06	SBPW-06	AT04	SB04A1T
PW-08	SBPW-08	AT06	SB06A1T
PW-10	SBPW-10	AT08	SB08A1T
PW-12	SBPW-12	AT10	SB10A1T
PW-15	SBPW-15		
		NRC04	SB04B1
AS04	SB04B1	NRC06	SB06B1
AS06	SB06B1	NRC08	SB08B1
AS08	SB08B1	NRC10	SB10B1
AS10	SB10A1		

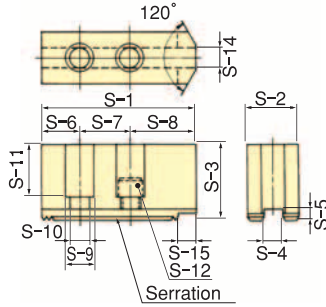
■ Interchangeable High jaws with standard jaws

Standard jaw	High jaw
SB04C1	SB04C1-036, SB04C1-048
SB04C1T	SB04C1T048
SB04B1	SB04A1-036, SB04A1-048
SB04A1T	SB04A1T048
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
SB06A1T	SB06A1T066
SB08B1	SB08A1-056, SB08A1-076
SB08B1Q	SB08B1Q-76
SB08A1T	SB08A1T056, SB08A1T076
SB10B1 (A1)	SB10A1-056, SB10A1-080, SB10A1-116
SB10A2Q	SB10A2Q080
SB10A2	SB10A2-080
SB10A1T	SB10A1T080
SB12A1	SB12A1-090
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

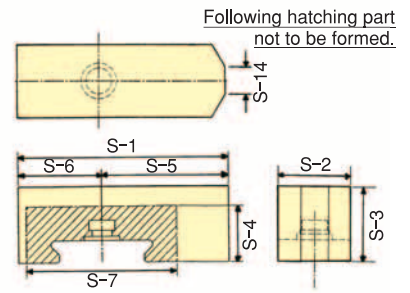
Ref. DWG. 1



Ref. DWG. 2



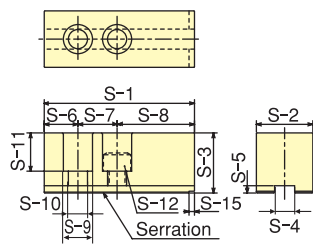
Ref. DWG. 3



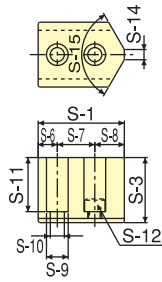
Dimensions

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	M6	6		1.5x60°	2
SB04C1-036	48	19	36	8	3	8	15	25	11	6.6	28	M6			1.5x60°	1
SB04C1-048	48	19	48	8	3	8	15	25	11	6.6	40	M6			1.5x60°	1
SB04C1T	48	19	23	8	3	8	15	25	11	6.6	15	M6			1.5x60°	1
SB04C1T048	48	19	48	8	3	8	15	25	11	6.6	40	M6			1.5x60°	1
SB04B1	55	23	25	10	4	13	14	28	13.5	8.5	16	M8	3	13	1.5x60°	2
SB04A1-036	55	23	36	10	4	13	14	28	13.5	8.5	27	M8			1.5x60°	1
SB04A1-048	55	23	48	10	4	13	14	28	13.5	8.5	39	M8			1.5x60°	1
SB04A1T	55	23	25	10	4	13	14	28	13.5	8.5	16	M8			1.5x60°	1
SB04A1T048	55	23	48	10	4	13	14	28	13.5	8.5	39	M8			1.5x60°	1
SB04N1	49.5	23	23	10	4	10	14	25.5	13.5	8.5	14.5	M8	4		1.5x60°	2
SB04N1T	49.5	23	23	10	4	10	14	25.5	13.5	8.5	14.5	M8			1.5x60°	1
SB04N1-036	49.5	23	36	10	4	10	14	25.5	13.5	8.5	27.5	M8			1.5x60°	1
SB04N1-048	49.5	23	48	10	4	10	14	25.5	13.5	8.5	39.5	M8			1.5x60°	1
SB05C1	57	23	31	10	3	10	18	29	13.5	8.5	22	M8	12		1.5x60°	2
SB05C1-038	57	23	38	10	3	10	18	29	13.5	8.5	29	M8			1.5x60°	1
SB05C1-053	57	23	53	10	3	10	18	29	13.5	8.5	44	M8			1.5x60°	1
SB05C1T	57	23	31	10	3	10	18	29	13.5	8.5	22	M8			1.5x60°	1
SB05C1T053	57	23	53	10	3	10	18	29	13.5	8.5	44	M8			1.5x60°	1
SB05B1	62	23	27	10	4	14	19	29	13.5	8.5	18	M8	12	14	1.5x60°	2
SB05A1-038	62	23	38	10	4	14	19	29	13.5	8.5	29	M8			1.5x60°	1
SB05A1-053	62	23	53	10	4	14	19	29	13.5	8.5	44	M8			1.5x60°	1
SB05A1T	62	23	27	10	4	14	19	29	13.5	8.5	18	M8			1.5x60°	1
SB05A1T053	62	23	53	10	4	14	19	29	13.5	8.5	44	M8			1.5x60°	1
SB05N1	54	23	25	10	4	12	14	28	13.5	8.5	16.5	M8	5		1.5x60°	2
SB05N1T	54	23	25	10	4	12	14	28	13.5	8.5	16.5	M8			1.5x60°	1
SB05N1-038	54	23	38	10	4	12	14	28	13.5	8.5	29.5	M8			1.5x60°	1
SB05N1-053	54	23	53	10	4	12	14	28	13.5	8.5	44.5	M8			1.5x60°	1
SB06B1	72	31	32	12	5	15	20	37	17	11	20	M10	12	15	1.5x60°	2
SB06A1-066	72	31	66	12	5	15	20	37	17	11	54	M10			1.5x60°	1
SB06A1T	72	31	32	12	5	15	20	37	17	11	20	M10			1.5x60°	1
SB06A1T066	72	31	66	12	5	15	20	37	17	11	54	M10			1.5x60°	1
SB06C1	76.5	40	37	14	5	15	25	36.5	19	13	22	M12			1.5x60°	1
SB06D1	72	31	32	12	5	22	20	30	17	11	20	M10	6	15	1.5x60°	2
SB06L1A	66	26	28	12	5	12	20	34	17	11	16	M10	5	12	1.5x60°	2
SB06L1T	66	26	28	12	5	12	20	34	17	11	16	M10			1.5x60°	1
SB08B1	95	35	38	14	5	24	25	46	19	13	23	M12	12	20	1.5x60°	2
SB08A1-056	95	35	56	14	5	24	25	46	19	13	41	M12			1.5x60°	1
SB08A1-076	95	35	76	14	5	24	25	46	19	13	61	M12			1.5x60°	1
SB08B1Q	90	31	38	12	5	24	20	46	17	11	26	M10	16	24	1.5x60°	2
SB08B1Q-76	90	31	76	12	5	24	20	46	17	11	64	M10	16	24	1.5x60°	2
SB08A1T	95	35	38	14	5	24	25	46	19	13	23	M12			1.5x60°	1
SB08A1T056	95	35	56	14	5	24	25	46	19	13	41	M12			1.5x60°	1
SB08A1T076	95	35	76	14	5	24	25	46	19	13	61	M12			1.5x60°	1
UB450	165	62	66	25.5	8	37	43	85	32	21	43	M20			3.0x60°	1
UB560K	180	65	69.2	25.5	8	39.5	60	80.5	32	21	45.3	M20			3.0x60°	1
UB710	209.5	75	80	30	9	40	60	109.5	39	26	55	M24			3.0x60°	1

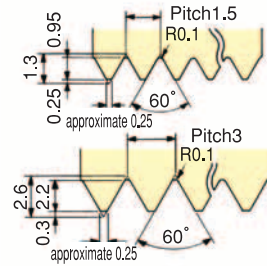
Ref. DWG. 4



Ref. DWG. 5



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	M12	15	20	1.5x60°	2
SB10A1	110	40	42	16	5	30	30	50	19	13	27	M12			1.5x60°	1
SB10A1-056	110	40	56	16	5	30	30	50	19	13	41	M12			1.5x60°	1
SB10A1-080	110	40	80	16	5	30	30	50	19	13	65	M12			1.5x60°	1
SB10A1-116	110	40	116	16	5	30	30	50	19	13	101	M12			1.5x60°	1
SB10A2Q	110	40	42	16	6	30	30	50	19	13	26	M12			3.0x60°	1
SB10A2Q080	110	40	80	16	6	30	30	50	19	13	64	M12			3.0x60°	1
SB10A2	110	40	42	16	6	30	30	50	19	13	26	M12			3.0x60°	1
SB10A2-080	110	40	80	16	6	30	30	50	19	13	65	M12			3.0x60°	1
SB10A1T	110	40	42	16	5	30	30	50	19	13	27	M12			1.5x60°	1
SB10A1T080	110	40	80	16	5	30	30	50	19	13	65	M12			1.5x60°	1
SB10D1	101.5	45	45	18	5	22.5	30	49	22	15	25	M14	15	17.5	1.5x60°	2
SB12A1	129	50	50	18	5	39	30	60	22	15	30	M14			1.5x60°	1
SB12A1-090	129	50	90	18	5	39	30	60	22	15	70	M14			1.5x60°	1
SB12C1	129	50	50	18	5	32	38	59	22	15	35	M14			1.5x60°	1
SB12A1T	129	50	50	18	5	39	30	60	22	15	30	M14			1.5x60°	1
SB12A1T090	129	50	90	18	5	39	30	60	22	15	70	M14			1.5x60°	1
SB12N1	111	50	50	21	4	21	30	60	25	17	33	M16			1.5x60°	1
SB12N1-090	111	50	90	21	4	21	30	60	25	17	73	M16			1.5x60°	1
SB12N1T	111	50	50	21	4	21	30	60	25	17	33	M16		6	1.5x60°	1
SB15C1	165	62	66	22	8	37	43	85	32	21	42	M20		6	1.5x60°	4
SB15C1-110	165	62	110	22	8	37	43	85	32	21	86	M20			1.5x60°	4
SB15A1	156	62	70	22	8	36	60	60	32	21	45	M20			1.5x60°	1
SB15A1-110	156	62	110	22	8	36	60	60	32	21	85	M20			1.5x60°	1
SB15A2	156	62	70	22	9	36	60	60	32	21	45	M20			3.0x60°	1
SB15A2Q	129	50	50	18	6	32	38	59	22	15	34	M14		6	3.0x60°	1
SB15C1T	165	62	66	22	8	37	43	85	32	21	42	M20			1.5x60°	4
SB15N1	135	50	60	25.5	5	26	43	66	32	21	39	M20			1.5x60°	1
SB15N1-110	135	50	110	25.5	5	26	43	66	32	21	89	M20			1.5x60°	1
UVE500AR	210	65	100	25	9	40	60	110	32	21	75	M20			3.0x60°	1
SB18A2	180	65	70	25	9	40	60	80	32	21	45	M20			3.0x60°	1
SB18A2-110	180	65	110	25	9	40	60	80	32	21	85	M20			3.0x60°	1
SB24A2	210	75	90	25	9	40	80	90	32	21	65	M20			3.0x60°	1
SB24A2-130	210	75	130	25	9	40	80	90	32	21	105	M20			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	M10	8	120°		5
PW-08	74	57	57.47	44.45	3.3	15	34.14	24.86	20	13.5	47	M12	41	90°		5
PW-10	89.5	70.1	70.2	57.1	3.3	19	44.45	26.05	25	17	59	M16				5
PW-12	108.5	70.1	70.2	57.1	3.3	19	44.45	45.05	25	17	59	M16				5
PW-15	140	76.2	76.5	66.62	3.3	23.9	53.98	62.12	32	21	61.2	M20				5

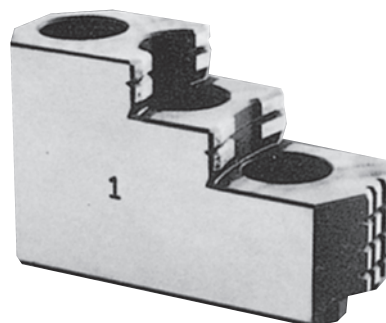


CHUCK

Hard Jaws for Power Chuck HB series

Description of Model **HB06B1**

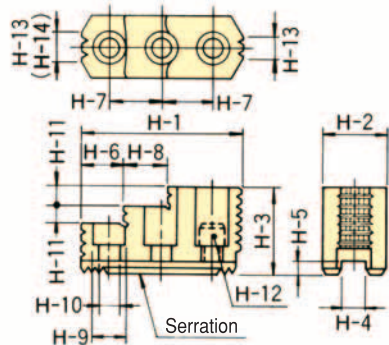
- Serration pitch
1=1.5mm×60°, 2=3mm×60°, 3=1/16"×90°, 4=3/32"×90°
- Form and characteristic
A = 3-step jaw B = 2-step jaw
C = Bolt spacing classification (In case spacing is different at same chuck dia.)
U = for UVE N = New type
- Chuck sizes
- Power chuck hard jaw



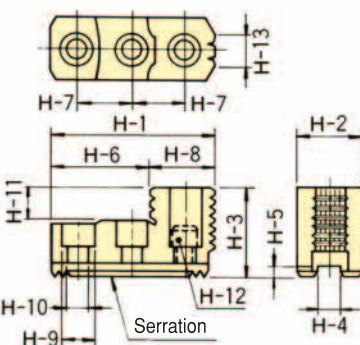
Combination of Hard Jaws *Chuck models in parentheses are discontinued models.

Hard Jaw TYPE	Adaptive closed centre chuck	Adaptive open centre chuck
HBO4B1		(B-04)
HBO4N1	N-04	B-204, B-205
HBO5B1		(B-05)
HBO5C1	N-05	
HBO6A1	N-06, NL06, (HJA5-6)	BB206, BS306, B-206, HOH-206, BL206, (BB06)
HBO6B1	N-06, NL06, (HJA5-6)	BB206, BS306, B-206, HOH-206, BL206, (BB06) B-06, (HOB-6, HOS-6, HO-6)
HBO8A1	N-08, NL08, (HJA6-8)	B-208, HOH-208, BL208, B-08, (HOB-8, HOS-8, HO-8)
HBO8B1		BB208, BS308
HBO8N1		(BB08)
HB10A1	N-10, NL10, (HJA6-8-10)	B-210, HOH-10K, BL210, B-10, (HOB-10, HOS-10, HO-10)
HB10AA1		BB210, BS310
HB12B1	N-12, NL12, (HJA6-8-12, HLA6-12, HLA6-8-15)	HOH-12K, B-12, (HOB-12, HOS-12, HO-12)
HB12C1		(HO-12)
HB12N1		BB212, B-212, BL212
HB15A1		HOH-15K, B-15, (HOB-15, HOS-15, HO-15), B-18, (HOB-18)
HB15B1	(HJA8-15-18-21, HJA11-15, HLA-18-21)	
HB15N1	N-15, N-18, NV15, NV18	B-215
HB18B2	N-21, N-24, NV21, NV24, NV28, NV32, NV36, NV40, (HJA11-18-21, HJA15-21)	B-21 (HOB-21), B-24 (HOB-24) (UVE500, UVE630)
HB24B2	(HJA11-15-24)	(UVE800)
HBO6U1		UVE160K
HBO8U1		UVE200K, UVE250K
HB12U1		UVE315K
HB16U2		UVE400K
HB18W2		UB450K

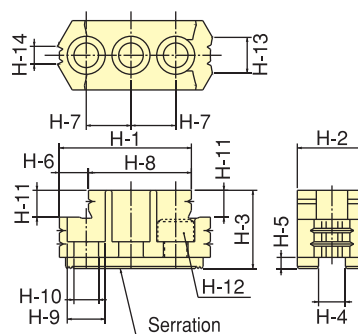
Ref. DWG. 1



Ref. DWG. 2



Ref. DWG. 3



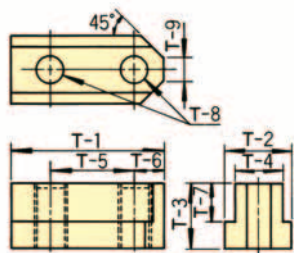
Dimensions

Hard Jaw TYPE	H-1	H-2	H-3	H-4	H-5	H-6	H-7	H-8	H-9	H-10	H-11	H-12	H-13	H-14	Serration pitch	Ref. DWG.
HBO4B1	46	19	23	8	3	15	15	23.5	11	6.6	9	M 6	6	-	1.5	3
HBO4N1	53	23	27.5	10	4	30.5	14	22.5	13.5	8.5	10	M 8	6	-	1.5	2
HBO5B1	55.5	23	31	10	3	22.5	18	21.5	13.5	8.5	14	M 8	6	-	1.5	3
HBO5C1	61	23	30	10	4	7.5	19	53.5	13.5	8.5	12	M 8	6	-	1.5	2
HBO6A1	66.6	31	36	12	5	40	20	26.6	17	11	12	M10	10	-	1.5	2
HBO6B1	67.5	31	35	12	5	13	20	46	17	11	12	M10	16	10	1.5	3
HBO8A1	86	35	51	14	5	31	25	18	19	13	12	M12	12	12	1.5	1
HBO8B1	92	35	51	14	5	12	25	63	19	13	18	M12	11	11	1.5	3
HBO8N1	88	35	51	14	5	36	25	14	19	13	12	M12	12	11	1.5	1
HB10A1	99.5	40	54	16	5	43	30	17	19	13	13	M12	15	15	1.5	1
HB10AA1	102.5	40	54	16	5	43	30	17	19	13	13	M12	15	15	1.5	1
HB12B1	97.5	50	55	18	5	64.5	30	33	22	15	20	M14	30	-	1.5	2
HB12C1	113	50	50	18	5	69.5	38	43.5	22	15	20	M14	18	-	1.5	2
HB12N1	103	50	52	21	4	62.5	30	40.5	25	17	17	M16	30	-	1.5	2
HB15A1	149	62	86	22	8	63	43	34	32	21	20	M20	40	40	1.5	1
HB15B1	141.75	70	77.5	22	8	87.75	43	54	32	21	30	M20	50	-	1.5	2
HB15N1	149	62	86	25.5	5	69	43	27	32	21	20	M20	43	38	1.5	1
HB18B2	159.5	80	90	25	9	104.5	50	55	32	21	40	M20	55	-	3.0	2
HB24B2	183.5	90	105	25	9	116.5	60	67	32	21	50	M20	76	-	3.0	2
HBO6U1	69.5	35	48	14	5	34	19	18	19	13	12	M12	12	20	1.5	1
HBO8U1	79.25	40	42	16	5	35.25	21	44	19	13	14	M12	12	-	1.5	2
HB12U1	107.25	45	50	18	5	56.75	30	50.5	22	15	20	M14	25	-	1.5	2
HB16U2	138.5	60	71	22	9	76.5	43	62	32	21	26	M20	35	-	3.0	2
HB18W2	155.5	60	85	25.5	9	79.5	43	24	32	21	20	M20	38	-	3.0	1



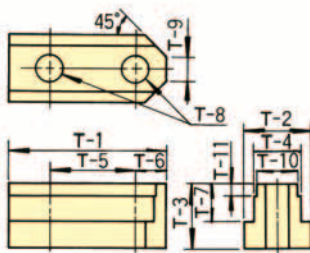
T-nut

Ref. DWG. 1

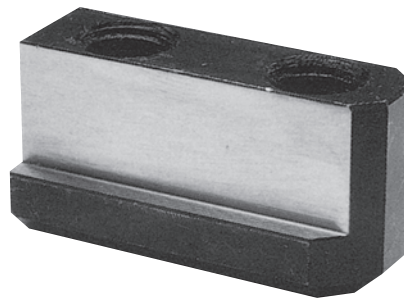


※T-8 is the size of soft jaw mounting bolt.

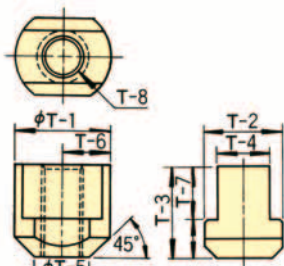
Ref. DWG. 2



※T-8 is the size of soft jaw mounting bolt.

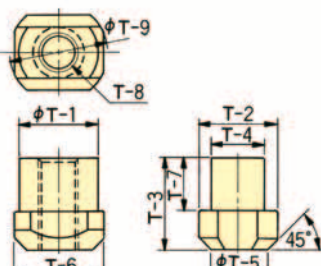


Ref. DWG. 3



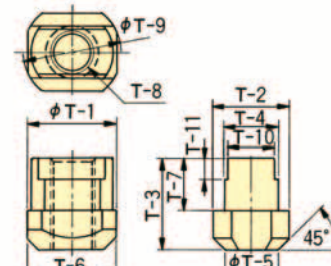
※T-8 is the size of soft jaw mounting bolt.

Ref. DWG. 4



※T-8 is the size of soft jaw mounting bolt.

Ref. DWG. 5



※T-8 is the size of soft jaw mounting bolt.

※Please inform us of the chuck type and T-Nut dimensions before ordering.

Dimensions and Combination

※Chuck models in brackets are discontinued models.

T-1	T-2	T-3	T-4	T-5	T-6	T-7	T-8	T-9	T-10	T-11	Adaptive chuck	Ref. DWG.
24.5	11.5	13.5	8	15	4.5	9	M6	5	—	—	(B-04, BT04)	1
26	14.5	15	10	14	6	9.5	M8	5	—	—	B-204, BT204, B-205, BT205	1
26	14.5	18	10	14	6	12.5	M8	5	—	—	N-04, NT04, NL04, AS04, AT04, NRC04, (HJ-4)	1
30	14	15.5	10	18	6	10	M8	5	—	—	(B-05, BT05, HOB-5, HOBT-5)	1
32	14.5	18	10	19	6	12.5	M8	6	—	—	N-05, NT05, (HJ-5)	1
36.5	17	18.5	12	20	8.25	11	M10	8	—	—	HW-08	1
36.5	17	22.5	12	20	7.5	15	M10	8	—	—	N-06, (NT06, HJ-6), NL06, NLT06, AS06, AT06, NRC06	1
46.5	20	20.5	14	25	10.5	12	M12	12	—	—	B-208, BB208, BS308, BT208, HOH-208, BL208, BLT208	1
48	20	25.5	14	25	11	16	M12	8	—	—	N-08, (NT08, HJ-8), NL08, NLT08, AS08, AT08, NRC08	1
51	22	21.5	16	30	11	13	M12	11	—	—	B-210, BB210, BS310, BT210, BL210, BLT210	1
55	22	25.5	16	30	11	16	M12	8	—	—	N-10, (NT10, HJ-10), NL10, NLT10, AS10, AT10, NRC10, HW-10, HW-12	1
56.25	29.5	22.75	21	30	12	11.25	M16	9.5	—	—	BB212	1
55.5	29.5	27.75	21	30	12	16.25	M16	13	—	—	B-212, BT212, BL212, BLT212	1
55.5	26.5	31	18	30	11.5	17.5	M14	12	—	—	HOH-12K	1
55.5	26.5	33.5	18	30	11.5	20	M14	12	—	—	N-12, (NT12), NL12, NLT12	1
62.5	26.5	33.5	18	38	12	20	M14	12	—	—	HW-15, (HJ-12)	1
90	37.5	45	25	50	20	26	M20	16	—	—	B-21-24, (HOB-21-24) For hard jaw	1
100	37.5	45	25	60	20	26	M20	16	—	—	B-21-24, (HOB-21-24) For soft jaw	1
100	37.5	54	25	60	20	35	M20	16	—	—	(HO-18)	1
100	40	54	25	60	20	35	M20	16	—	—	(HJA11-24 For hard jaw)	1
120	40	54	25	80	20	35	M20	16	—	—	(HJ-24, HJA11-15-24)	1
80	33.5	40.5	24	43	17	24	M20	11	22	7.5	HOH-15K	2
80	33.5	45.5	24	43	17	29	M20	11	22	8.2	(HLA8-18, HJA11-15)	2
97	33.5	45.5	24	60	17	29	M20	11	22	8.5	(HJ-15, HJA8-11-15, HLA8-18-21)	2
80	35	39.25	25.5	43	17	20.25	M20	14	—	—	B-215	1
42	35	39.25	25.5	25	—	20.25	M20	—	—	—	N-15, N-18	3
46	37.5	45	25	26.5	—	26	M20	—	—	—	N-21, N-24	3
19	22.5	23.5	14	19.5	19	15	M12	24.5	—	—	UVE160	4
19	22.5	24	16	19.5	19	15.5	M12	24.5	—	—	UVE200, UVE250	4
24	28.5	27.5	18	24	24	17	M14	32	—	—	UVE315	4
32	36	30.5	24	30	32	20	M20	40	22	8.5	UVE400	5
100	36	31.5	25	60	20	21	M20	16	—	—	(UVE500LB, UVE630LB)	1
120	36	31.5	25	80	20	21	M20	16	—	—	(UVE800LB)	1
32	36	31.5	25	30	32	21	M20	40	—	—	(UVE500AR)	4
32	37.5	45.5	25	30	34	26	M20	42	—	—	(UVE550AR, UVE630AR, UVE750AR)	4
46	19.8	10.7	12.65	29.36	8.5	6	M10	—	—	—	PW-06	1
53.2	21.6	12.9	14.24	34.14	9.5	7.4	M12	—	—	—	PW-08	1
68.45	27.4	17	19	44.45	12	10	M16	—	—	—	PW-10, PW-12	1
32	36	29.5	25.5	32	32	19	M20	42	—	—	UB450K, UB560K	4
—	44	44	30	32	36	26	M24	52	—	—	UB630K, UB710K	4



CHUCK

Hard Jaws for Scroll Chuck HBS series

Description of Model **HBS06C**

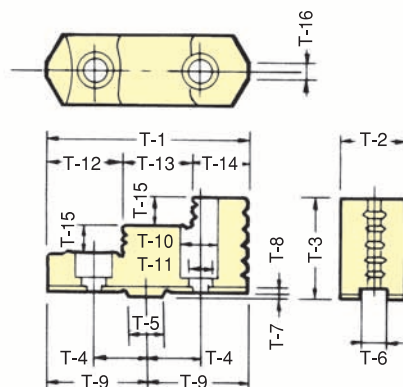
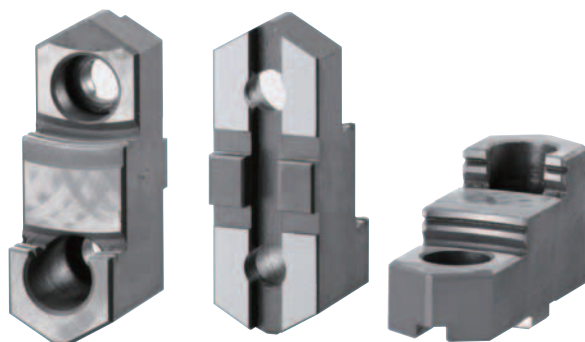
- Chuck type
C=JN
- Chuck sizes
- Hard jaw of scroll chuck



Combination Table for Hard Jaws

Hard jaw type	Adaptive chuck model
HBS06C	JN06T, JN06RA5
HBS07C	JN07T, JN07RA5, JN08RA6
HBS09C	JN09T, JN09RA6
HBS10C	JN10T, JN10RA6 (8)
HBS12C	JN12T, JN12RA6 (8)

Dimensional Drawings



Dimensions

TYPE	Chuck size	T-1	T-2	T-3	T-4	T-5	T-6	T-7	T-8	T-9	T-10	T-11	T-12	T-13	T-14	T-15	T-16	Mounting bolt
HBS06C	6	68	26	37	19.05 ^{+0.1}	12.68 ^{+0.008/-0.003}	7.94 ^{+0.05/0}	3	3.5	34	14	8.5	26	21.5	20.5	8.5	2	M 8 × 20
HBS07C	7	80	28	40	22.225 ^{+0.1}	12.68 ^{+0.008/-0.003}	7.94 ^{+0.05/0}	3	3.5	40	17	11	30.5	26	23.5	9.5	2	M10 × 20
HBS09C	9	90	32	48	26.99 ^{+0.1}	19.03 ^{+0.009/-0.004}	12.7 ^{+0.05/0}	3	3.5	45	19	13	34	30	26	12	3	M12 × 25
HBS10C	10	100	35	52	26.99 ^{+0.1}	19.03 ^{+0.009/-0.004}	12.7 ^{+0.05/0}	3	3.5	50	19	13	38	32	30	14	3	M12 × 25
HBS12C	12	115	40	54	31.75 ^{+0.1}	19.03 ^{+0.009/-0.004}	12.7 ^{+0.05/0}	3	3.5	57.5	19	13	46	35	34	15	4	M12 × 25



CHUCK

Soft Jaws for Scroll Chuck

SBS series

Description of Model **SBS06**

Chuck sizes
Soft jaw of scroll chuck



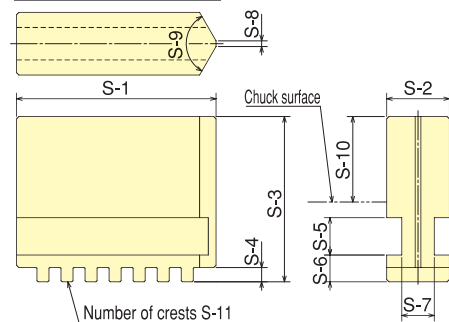
Combination Table for Soft Jaws

Soft jaw type	Adaptive chuck model	Old chuck model
SBS03	SC-3F	
SBS04	SC-4F	
SBS05	SC-5F	SK-6, KA5-165, KA5C-6
SBS06	JN06T, JN06RA5	SK-7, KA6-190, KA6C-200, KA6C-8
SBS07	JN07T, JN07RA5, JN08RA6, JT07	SK-9, KA6-230
SBS09	JN09T, JN09RA6, JT09	SK-10, KA6 (8) -270, KA6 (8) C-10
SBS10	JN10T, JN10RA6 (8)	SK-12, KA6 (8) -310, KA6 (8) C-12
SBS12	JN12T, JN12RA6 (8)	

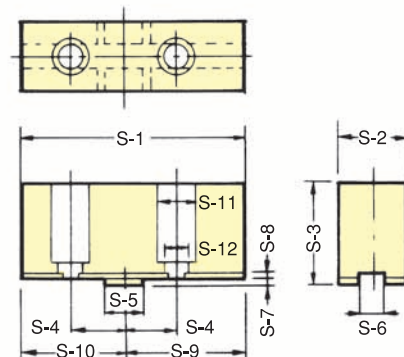


Dimensional Drawings

SBS03, SBS04, SBS05



SBS06, SBS07, SBS09, SBS10, SBS12



Dimensions

TYPE	Chuck size	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	Mounting bolt
SBS03	3	35	11	29	2.5	6.55	4.7	5.7	1	120°	15	7		
SBS04	4	42	14	34.5	3.5	6.55	6.2	7.2	1.5	120°	18	7		
SBS05	5	50	16	40	4	8.2	7.7	7.2	1.5	120°	20	7		
SBS06	6	75	26	38	19.05 ^{+0.1}	12.68 ^{+0.008} _{-0.003}	7.94 ^{+0.05} ₀	3	3.5	41	34	14	8.5	M 8 x 20
SBS07	7	88	28	41	22.225 ^{+0.1}	12.68 ^{+0.008} _{-0.003}	7.94 ^{+0.05} ₀	3	3.5	48	40	17	11	M10 x 20
SBS09	9	100	32	48	26.99 ^{+0.1}	19.03 ^{+0.009} _{-0.004}	12.7 ^{+0.05} ₀	3	3.5	55	45	19	13	M12 x 25
SBS10	10	110	35	52	26.99 ^{+0.1}	19.03 ^{+0.009} _{-0.004}	12.7 ^{+0.05} ₀	3	3.5	60	50	19	13	M12 x 25
SBS12	12	125	40	54	31.75 ^{+0.1}	19.03 ^{+0.009} _{-0.004}	12.7 ^{+0.05} ₀	3	3.5	67.5	57.5	19	13	M12 x 25