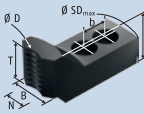
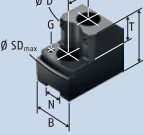


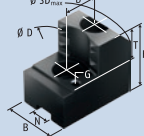
Claw jaws For bar clamping

	Clamping range ØD	Swing diameter SDmax	Description	ID	N [mm]	B [mm]	H [mm]	T [mm]	b [mm]	Screws	Material	m/set [kg]
	43 – 83	224	SZA-ST 16-1	0175100	17	35	40	30	19	M12	Steel	1.2
	23 – 56	220	SZA-ST 20-1	0175101	17	35	45	35	22	M12	Steel	1.5
	17 – 46	234	SZA-ST 25-1	0175102	17	35	45	35	22	M12	Steel	1.8

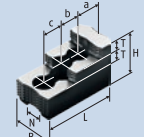
Claw jaws for I.D. clamping

	Clamping range ØD	Swing diameter SDmax	Description	ID	N [mm]	B [mm]	H [mm]	T [mm]	G	b [mm]	Screws	Material	m/set [kg]
	81 – 121	220	SZI 16-18	0123190	17	35	50	20	M6	19	M12	Steel	1.3
	94 – 133	220	SZI 16-19	0123191	17	40	50	20	M6	19	M12	Steel	1.6
	114 – 153	221	SZI 16-20	0123192	17	40	50	20	M6	19	M12	Steel	1.5
	135 – 174	223	SZI 16-21	0123193	17	40	50	20	M6	19	M12	Steel	1.5
	72 – 105	223	SZI 20-10	0123164	17	35	50	20	M6	22	M12	Steel	1.6
	100 – 134	225	SZI 20-11	0123165	17	40	50	20	M6	22	M12	Steel	2
	132 – 165	224	SZI 20-12	0123166	17	40	50	20	M6	22	M12	Steel	1.7
	66 – 99	239	SZI 25-17	0123180	17	35	55	25	M6	22	M12	Steel	1.9
	91 – 124	224	SZI 25-18	0123181	17	40	55	25	M6	22	M12	Steel	2.2
	154 – 188	238	SZI 25-19	0123182	17	40	55	25	M6	22	M12	Steel	2

Claw jaws for O.D. clamping

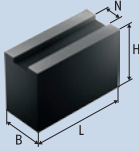
	Clamping range ØD	Swing diameter SDmax	Description	ID	N [mm]	B [mm]	H [mm]	T [mm]	G	b [mm]	Screws	Material	m/set [kg]
	64 – 103	220	SZA 16-30	0122110	17	35	50	20	M5	19	M12	Steel	1.3
	83 – 123	223	SZA 16-31	0122111	17	35	50	20	M5	19	M12	Steel	1.2
	105 – 145	223	SZA 16-32	0122112	17	35	50	20	M5	19	M12	Steel	1.1
	124 – 163	224	SZA 16-33	0122113	17	40	50	20	M5	19	M12	Steel	1.2
	146 – 186	246	SZA 16-34	0122114	17	40	50	20	M5	19	M12	Steel	1.6
	37 – 70	223	SZA 20-14	0138195	17	35	50	25	M6	22	M12	Steel	1.8
	65 – 98	223	SZA 20-15	0138196	17	35	50	25	M6	22	M12	Steel	1.5
	94 – 127	224	SZA 20-16	0138197	17	40	50	25	M6	22	M12	Steel	1.5
	121 – 154	225	SZA 20-17	0138198	17	40	50	25	M6	22	M12	Steel	1.6
	151 – 185	248	SZA 20-18	0138199	17	40	50	25	M6	22	M12	Steel	1.8
	35 – 66	238	SZA 25-6	0138176	17	35	55	25	M6	22	M12	Steel	2.3
	64 – 96	223	SZA 25-7	0138177	17	35	55	25	M6	22	M12	Steel	1.7
	121 – 155	227	SZA 25-8	0138178	17	40	55	25	M6	22	M12	Steel	1.8
	156 – 190	257	SZA 25-9	0138179	17	40	55	25	M6	22	M12	Steel	2.4

Hard Stepped Top Jaws

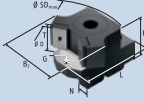
	Description	ID	N [mm]	B [mm]	H [mm]	L [mm]	T [mm]	a [mm]	b [mm]	c [mm]	Screws	Material	m/set [kg]
	SHB 175	0121103	17	35	44	64.7	10	28	19		M12	Steel	1.2
	SHB 200	0121104	17	40	49	72.5	12	18	19	19	M12	Steel	1.6
	SHB 210	0121102	17	40	49	84.3	12	28.7	19	19	M12	Steel	2



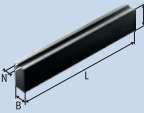
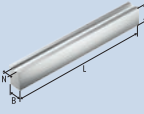
Jaw blanks

	Description	ID	N [mm]	B [mm]	H [mm]	L [mm]	Min. distance a [mm]	Min. distance b [mm]	Screws	Material	m/piece [kg]
	SBM 31	0112100	17	40	40	70	12	22	M12	Steel	0.9
	SBM 32	0112101	17	40	40	90	12	22	M12	Steel	1.1
	SBM 33	0112102	17	40	40	105	12	22	M12	Steel	1.2
	SBM 34	0112103	17	40	60	70	12	22	M12	Steel	1.3
	SBM 35	0112104	17	40	60	90	12	22	M12	Steel	1.7
	SBM 36	0112105	17	40	60	105	12	22	M12	Steel	2
	SBM 361	0112136	17	40	60	120	12	22	M12	Steel	2.2
	SBM 3610	0112107	17	40	100	90	12	22	M12	Steel	2.7
	SBM 3612	0112108	17	40	120	90	12	22	M12	Steel	3.4
	SBM 3615	0112139	17	50	80	90	12	22	M12	Steel	2.7
	SBM 368	0112106	17	40	80	90	12	22	M12	Steel	2.3
	SBM 37	0112109	17	60	60	70	12	22	M12	Steel	1.9
	SBM 38	0112110	17	60	60	90	12	22	M12	Steel	2.4
	SBM 40	0112111	17	80	60	90	12	22	M12	Steel	3.3

Pendulum jaws

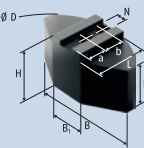
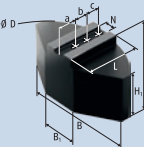
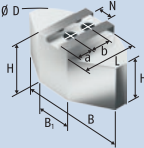
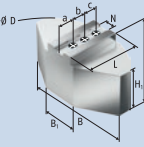
	Clamping range ØD	Swing diameter SDmax	Description	ID	H [mm]	T [mm]	m/piece [kg]
	69 - 88	219	PNS-Z 200-1	0190138	56	30	1.2
	70 - 89	219	PNS-Z 200-2	0190139	56	30	1.3
	99 - 118	242	PNS-Z 200-3	0190140	56	30	1.4
	129 - 148	240	PNS-Z 200-4	0190141	56	30	1.5

Serrated bars

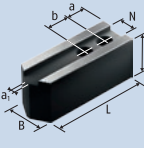
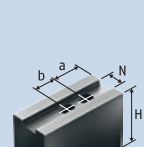
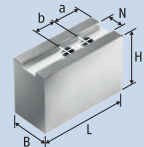
	Description	ID	N [mm]	B [mm]	H [mm]	L [mm]	Material	m/piece [kg]
	SBM-ST 170	0112170	17	40	60	420	Steel	7.6
	SBM-ST 171	0112171	17	40	80	420	Steel	10.2
	SBM-ST 172	0112172	17	40	100	420	Steel	12.8
	SBM-STA 170	0112173	17	40	60	420	Aluminum	2.8



Soft Full Grip Jaws

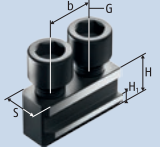
	Description	ID	N [mm]	B [mm]	B1 [mm]	Ø D [mm]	H [mm]	H1 [mm]	L [mm]	a [mm]	b [mm]	Screws	Material	m/set [kg]
	SWB-SM 160	0169100	17	120	40	160	60	50	59.5	25	22	M12	Steel	5.7
	SWB-SM 200	0169101	17	140	64	200	60	50	69.5	35	22	M12	Steel	8.6
	SWB-SM 201	0169106	17	140	64	200	75	65	69.5	35	22	M12	Steel	10.8
	SWB-SM 250-17	0169102	17	180	104	250	60	45	79	44.5	22	M12	Steel	12
	FR-SM 200	0120702	17	140	50	200	60	50	70	36	19	M12	Steel	8.4
	SWB-SA 160	0170100	17	120	40	165	58	48	59.5	22	22	M12	Aluminum	2.2
	SWB-SA 200	0170101	17	140	50	200	58	48	72.5	35	22	M12	Aluminum	3.4
	SWB-SA 201	0170106	17	140	50	200	75	65	72.5	35	22	M12	Aluminum	4.2
	FR-SA 200	0120652	17	140	50	200	58	48	72.5	40	19	M12	Aluminum	3.4

Soft Top Jaws

	Description	ID	N [mm]	B [mm]	H [mm]	L [mm]	a1 [mm]	a [mm]	b [mm]	Screws	Material	m/set [kg]
	SWBL 160	0120151	17	35	40	78	4	15	22	M12	Steel	1.9
	SWBL 200	0120153	17	35	40	98	4	15	22	M12	Steel	2.6
	2 SWK 160	0126106	17	60	60	70		12	22	M12	Steel	3.4
	CWB 160	0100005	17	35	40	70		15	22	M12	Steel	1.7
	CWB 200	0100006	17	40	40	90		25	22	M12	Steel	2.7
	SWB 160	0120102	17	40	60	70		15	22	M12	Steel	3.1
	SWB 200	0120104	17	40	60	90		25	22	M12	Steel	4.1
	SWB-FF 201	0120305	17	40	80	90		18	24	M14	Steel	5.4
	SWB-FR 200	0120404	17	40	60	70		12	19	M12	Steel	3.1
	SWB-FR 250	0120405	17	40	60	90		12	19	M12	Steel	4.1
	FR-AL 200	0120602	17	40	60	90		12	19	M12	Aluminum	1.6
	SWB-AL 160	0168100	17	40	60	70		15	22	M12	Aluminum	1.2
	SWB-AL 200	0168101	17	40	60	90		25	22	M12	Aluminum	1.5



T-nut

	Description	ID	S [mm]	H [mm]	H1 [mm]	b [mm]	G	Cyl.-screw	Max. adm. tightening torque [Nm]
	NKS 2	0143106	17	20.5	7.5		M12	M12 x 25	70
	NKA 2	0145104	17	20.5	7.5	22	M12	M12 x 25	70

