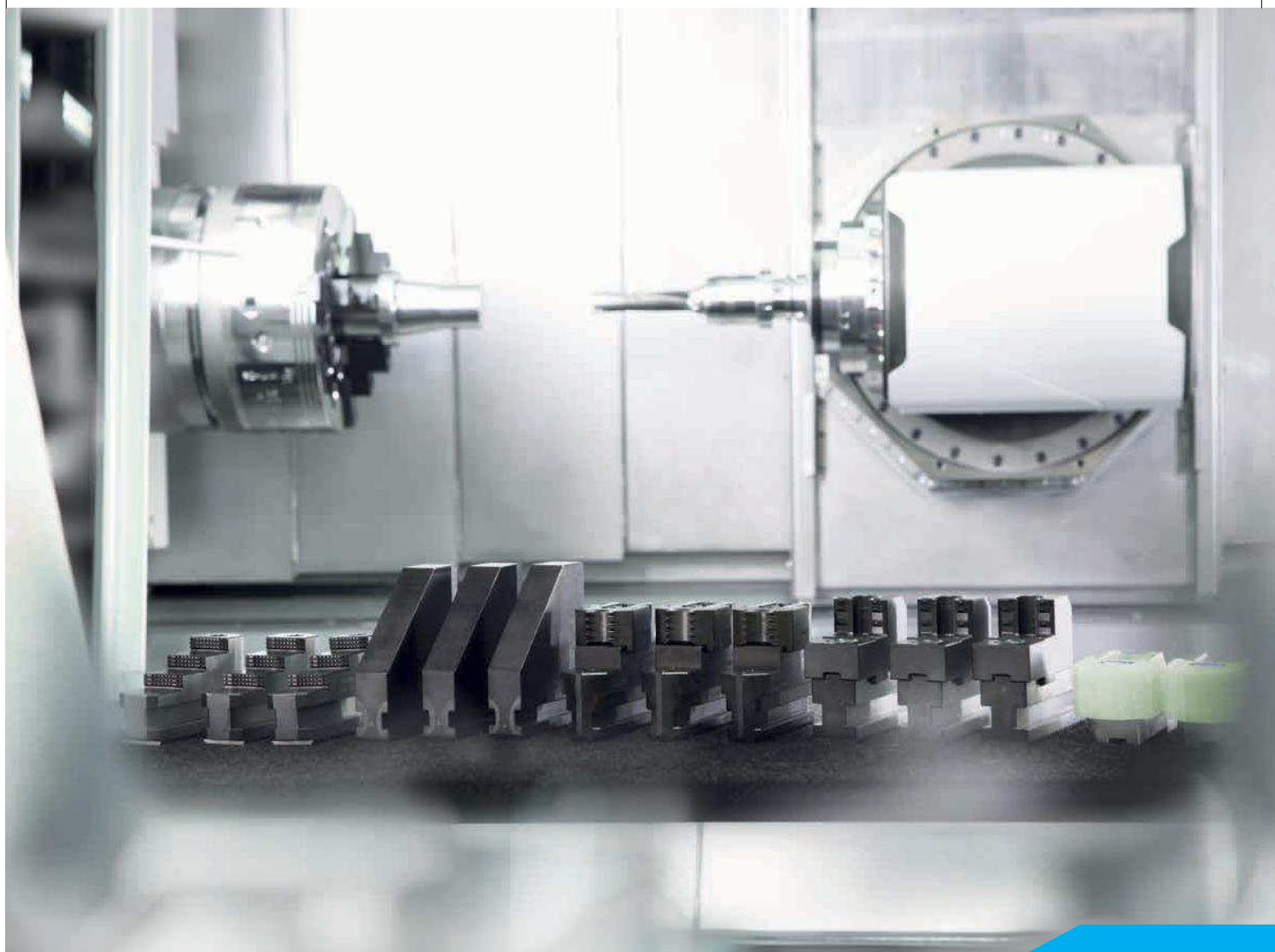




Superior Clamping and Gripping

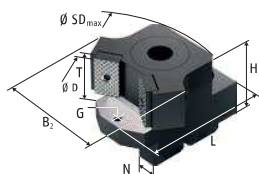


Spannbacken

Chuck Jaws

Spitzverzahnung 1/16" x 90°

- Standardisierte Pendelbacken zum Spannen dünnwandiger und verformungsgefährdeter Werkstücke
- Nutensteine sind im Lieferumfang nicht enthalten
- Die Befestigung erfolgt mittels einzelner Nutensteine



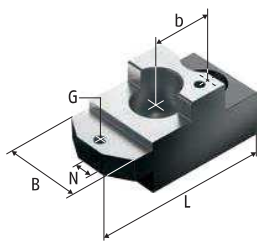
Fine Serration 1/16" x 90°

- Standardized pendulum jaws for clamping of thin-walled workpieces which are at risk of deformation
- T-nuts are not scope of delivery
- Fastening is done via single T-nuts

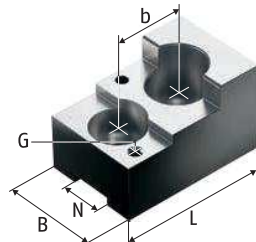
Futtertyp Chuck type	Spannbereich Ø D Clamping range Ø D [mm]	Schwingkreis SDmax Swing diameter SDmax [mm]	SCHUNK-Typ komplett SCHUNK type complete	Ident.-Nr. ID	Trägerbacke Support jaw	Ident.-Nr. ID	Pendelbrücke Pendulum body	Ident.-Nr. ID
ROTA NCD 185-54	56-67	196	PNS-Z 200-1	0190138	PT 17-3	0191108	PB 200-1	0192126
	114-128	217	PNS-Z 200-4	0190141	PT 17-4	0191109	PB 200-4	0192129
ROTA NC 210	67-86	217	PNS-Z 200-1	0190138	PT 17-3	0191108	PB 200-1	0192126
	72-94	224	PNS-Z 200-2	0190139	PT 17-3	0191108	PB 200-2	0192127
	97-123	246	PNS-Z 200-3	0190140	PT 17-4	0191109	PB 200-3	0192128
	127-153	246	PNS-Z 200-4	0190141	PT 17-4	0191109	PB 200-4	0192129
ROTA NCD 210	54-86	217	PNS-Z 200-1	0190138	PT 17-3	0191108	PB 200-1	0192126
	72-89	219	PNS-Z 200-2	0190139	PT 17-3	0191108	PB 200-2	0192127
	85-118	240	PNS-Z 200-3	0190140	PT 17-4	0191109	PB 200-3	0192128
	115-148	240	PNS-Z 200-4	0190141	PT 17-4	0191109	PB 200-4	0192129
ROTA NCE 210-66	75-88	219	PNS-Z 200-1	0190138	PT 17-3	0191108	PB 200-1	0192126
	76-89	219	PNS-Z 200-2	0190139	PT 17-3	0191108	PB 200-2	0192127
	105-118	242	PNS-Z 200-3	0190140	PT 17-4	0191109	PB 200-3	0192128
	135-148	240	PNS-Z 200-4	0190141	PT 17-4	0191109	PB 200-4	0192129
ROTA NCK plus 210-52	58-89	221	PNS-Z 200-1	0190138	PT 17-3	0191108	PB 200-1	0192126
	74-92	222	PNS-Z 200-2	0190139	PT 17-3	0191108	PB 200-2	0192127
	88-121	244	PNS-Z 200-3	0190140	PT 17-4	0191109	PB 200-3	0192128
	118-151	243	PNS-Z 200-4	0190141	PT 17-4	0191109	PB 200-4	0192129
	58-73	236	PNS-Z 250-17-1	0190100	PT 17-1	0191100	PB 250-1	0192100
	102-131	249	PNS-Z 250-17-4	0190103	PT 17-2	0191101	PB 250-4	0192103
	129-140	249	PNS-Z 250-17-5	0190104	PT 17-2	0191101	PB 250-5	0192104

 Passende Nutensteine finden Sie ab Seite 172
Passende harte und weiche Spanneinsätze finden Sie im Katalogteil „Zubehör“.

 For suitable T-nuts see page 172
For suitable hard and soft clamping inserts see catalog chapter "Accessories".



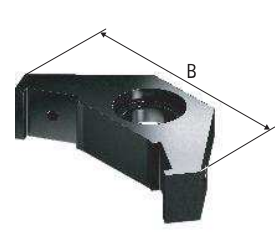
PT ...-1



PT ...-2 - 4



PB ...-1



PB ...-2 - 5

Spanneinsatz Clamping insert	Ident.-Nr. ID	N	B	B ₁	H	L	T	G	b	Schrauben Screws	m/Stück m/piece
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[mm]		[kg]
SP 200-1	0194140	17	40	80	56	74	30	M6	30	M12	1.2
SP 200-5	0194144	17	40	130	56	96.5	30	M6	30	M12	1.5
SP 200-1	0194140	17	40	80	56	74	30	M6	30	M12	1.2
SP 200-3	0194142	17	40	100	56	74	30	M6	30	M12	1.3
SP 200-5	0194144	17	40	102	56	69.5	30	M6	30	M12	1.4
SP 200-5	0194144	17	40	130	56	69.5	30	M6	30	M12	1.5
SP 200-1	0194140	17	40	80	56	74	30	M6	30	M12	1.2
SP 200-3	0194142	17	40	100	56	74	30	M6	30	M12	1.3
SP 200-5	0194144	17	40	102	56	69.5	30	M6	30	M12	1.4
SP 200-5	0194144	17	40	130	56	69.5	30	M6	30	M12	1.5
SP 200-1	0194140	17	40	80	56	74	30	M6	30	M12	1.2
SP 200-3	0194142	17	40	100	56	74	30	M6	30	M12	1.3
SP 200-5	0194144	17	40	102	56	69.5	30	M6	30	M12	1.4
SP 200-5	0194144	17	40	130	56	96.5	30	M6	30	M12	1.5
SP 200-1	0194140	17	40	80	56	74	30	M6	30	M12	1.2
SP 200-3	0194142	17	40	100	56	74	30	M6	30	M12	1.3
SP 200-5	0194144	17	40	102	56	69.5	30	M6	30	M12	1.4
SP 200-5	0194144	17	40	130	56	69.5	30	M6	30	M12	1.5
SP 250-2	0194101	17	50	85	56	90	35	M6	32	M12	1.6
SP 250-4	0194103	17	50	131	56	75	35	M6	32	M12	2.2
SP 250-4	0194103	17	50	145	56	75	35	M6	32	M12	2.4

Pendelbacken | Pendulum Jaws

SCHUNK

Futtertyp Chuck type	Spannbereich Ø D Clamping range Ø D [mm]	Schwingkreis SDmax Swing diameter SDmax [mm]	SCHUNK-Typ komplett SCHUNK type complete	Ident.-Nr. ID	Trägerbacke Support jaw	Ident.-Nr. ID	Pendelbrücke Pendulum body	Ident.-Nr. ID
ROTA NCL plus 210-52	58-89	221	PNS-Z 200-1	0190138	PT 17-3	0191108	PB 200-1	0192126
	74-92	222	PNS-Z 200-2	0190139	PT 17-3	0191108	PB 200-2	0192127
	88-121	244	PNS-Z 200-3	0190140	PT 17-4	0191109	PB 200-3	0192128
	118-151	243	PNS-Z 200-4	0190141	PT 17-4	0191109	PB 200-4	0192129
	58-73	236	PNS-Z 250-17-1	0190100	PT 17-1	0191100	PB 250-1	0192100
	102-131	249	PNS-Z 250-17-4	0190103	PT 17-2	0191101	PB 250-4	0192103
	129-140	249	PNS-Z 250-17-5	0190104	PT 17-2	0191101	PB 250-5	0192104
ROTA NC plus 215-66	80-97	228	PNS-Z 200-2	0190139	PT 17-3	0191108	PB 200-2	0192127
	109-126	250	PNS-Z 200-3	0190140	PT 17-4	0191109	PB 200-3	0192128
	139-156	249	PNS-Z 200-4	0190141	PT 17-4	0191109	PB 200-4	0192129
	65-93	242	PNS-Z 250-17-1	0190100	PT 17-1	0191100	PB 250-1	0192100
	123-137	255	PNS-Z 250-17-4	0190103	PT 17-2	0191101	PB 250-4	0192103
	132-146	255	PNS-Z 250-17-5	0190104	PT 17-2	0191101	PB 250-5	0192104
ROTA NC plus 2 215-66	80-97	228	PNS-Z 200-2	0190139	PT 17-3	0191108	PB 200-2	0192127
	109-126	250	PNS-Z 200-3	0190140	PT 17-4	0191109	PB 200-3	0192128
	139-156	249	PNS-Z 200-4	0190141	PT 17-4	0191109	PB 200-4	0192129
	65-78	242	PNS-Z 250-17-1	0190100	PT 17-1	0191100	PB 250-1	0192100
	123-137	255	PNS-Z 250-17-4	0190103	PT 17-2	0191101	PB 250-4	0192103
	132-146	255	PNS-Z 250-17-5	0190104	PT 17-2	0191101	PB 250-5	0192104
ROTA NCD 215-66	55-88	219	PNS-Z 200-1	0190138	PT 17-3	0191108	PB 200-1	0192126
	75-89	219	PNS-Z 200-2	0190139	PT 17-3	0191108	PB 200-2	0192127
	85-118	242	PNS-Z 200-3	0190140	PT 17-4	0191109	PB 200-3	0192128
	115-148	240	PNS-Z 200-4	0190141	PT 17-4	0191109	PB 200-4	0192129
	59-70	233	PNS-Z 250-17-1	0190100	PT 17-1	0191100	PB 250-1	0192100
	99-129	247	PNS-Z 250-17-4	0190103	PT 17-2	0191101	PB 250-4	0192103
ROTA NCF plus 215-66	80-97	228	PNS-Z 200-2	0190139	PT 17-3	0191108	PB 200-2	0192127
	109-126	250	PNS-Z 200-3	0190140	PT 17-4	0191109	PB 200-3	0192128
	139-156	249	PNS-Z 200-4	0190141	PT 17-4	0191109	PB 200-4	0192129
	65-78	242	PNS-Z 250-17-1	0190100	PT 17-1	0191100	PB 250-1	0192100
	123-137	255	PNS-Z 250-17-4	0190103	PT 17-2	0191101	PB 250-4	0192103
	132-146	255	PNS-Z 250-17-5	0190104	PT 17-2	0191101	PB 250-5	0192104
ROTA NCF plus 2 215-66	80-97	228	PNS-Z 200-2	0190139	PT 17-3	0191108	PB 200-2	0192127
	109-126	250	PNS-Z 200-3	0190140	PT 17-4	0191109	PB 200-3	0192128
	139-156	249	PNS-Z 200-4	0190141	PT 17-4	0191109	PB 200-4	0192129
	65-78	242	PNS-Z 250-17-1	0190100	PT 17-1	0191100	PB 250-1	0192100
	123-137	255	PNS-Z 250-17-4	0190103	PT 17-2	0191101	PB 250-4	0192103
	132-146	255	PNS-Z 250-17-5	0190104	PT 17-2	0191101	PB 250-5	0192104

 Passende Nutensteine finden Sie ab Seite 172
Passende harte und weiche Spanneinsätze finden Sie im Katalogteil „Zubehör“.

 For suitable T-nuts see page 172
For suitable hard and soft clamping inserts see catalog chapter “Accessories”.

Spanneinsatz Clamping insert	Ident.-Nr. ID	N	B	B ₁	H	L	T	G	b	Schrauben Screws	m/Stück m/piece
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[mm]		[kg]
SP 200-1	0194140	17	40	80	56	74	30	M6	30	M12	1.2
SP 200-3	0194142	17	40	100	56	74	30	M6	30	M12	1.3
SP 200-5	0194144	17	40	102	56	69.5	30	M6	30	M12	1.4
SP 200-5	0194144	17	40	130	56	96.5	30	M6	30	M12	1.5
SP 250-2	0194101	17	50	85	56	90	35	M6	32	M12	1.6
SP 250-4	0194103	17	50	131	56	75	35	M6	32	M12	2.2
SP 250-4	0194103	17	50	145	56	75	35	M6	32	M12	2.4
SP 200-3	0194142	17	40	100	56	74	30	M6	30	M12	1.3
SP 200-5	0194144	17	40	102	56	69.5	30	M6	30	M12	1.4
SP 200-5	0194144	17	40	130	56	96.5	30	M6	30	M12	1.5
SP 250-2	0194101	17	50	85	56	90	35	M6	32	M12	1.6
SP 250-4	0194103	17	50	131	56	75	35	M6	32	M12	2.2
SP 250-4	0194103	17	50	145	56	75	35	M6	32	M12	2.4
SP 200-3	0194142	17	40	100	56	74	30	M6	30	M12	1.3
SP 200-5	0194144	17	40	102	56	69.5	30	M6	30	M12	1.4
SP 200-5	0194144	17	40	130	56	96.5	30	M6	30	M12	1.5
SP 250-2	0194101	17	50	85	56	90	35	M6	32	M12	1.6
SP 250-4	0194103	17	50	131	56	75	35	M6	32	M12	2.2
SP 250-4	0194103	17	50	145	56	75	35	M6	32	M12	2.4
SP 200-1	0194140	17	40	80	56	74	30	M6	30	M12	1.2
SP 200-3	0194142	17	40	100	56	74	30	M6	30	M12	1.3
SP 200-5	0194144	17	40	102	56	69.5	30	M6	30	M12	1.4
SP 200-5	0194144	17	40	130	56	96.5	30	M6	30	M12	1.5
SP 250-2	0194101	17	50	85	56	90	35	M6	32	M12	1.6
SP 250-4	0194103	17	50	131	56	75	35	M6	32	M12	2.2
SP 200-3	0194142	17	40	100	56	74	30	M6	30	M12	1.3
SP 200-5	0194144	17	40	102	56	69.5	30	M6	30	M12	1.4
SP 200-5	0194144	17	40	130	56	96.5	30	M6	30	M12	1.5
SP 250-2	0194101	17	50	85	56	90	35	M6	32	M12	1.6
SP 250-4	0194103	17	50	131	56	75	35	M6	32	M12	2.2
SP 250-4	0194103	17	50	145	56	75	35	M6	32	M12	2.4
SP 200-3	0194142	17	40	100	56	74	30	M6	30	M12	1.3
SP 200-5	0194144	17	40	102	56	69.5	30	M6	30	M12	1.4
SP 200-5	0194144	17	40	130	56	96.5	30	M6	30	M12	1.5
SP 250-2	0194101	17	50	85	56	90	35	M6	32	M12	1.6
SP 250-4	0194103	17	50	131	56	75	35	M6	32	M12	2.2
SP 250-4	0194103	17	50	145	56	75	35	M6	32	M12	2.4

Pendelbacken | Pendulum Jaws

SCHUNK

Futtertyp Chuck type	Spannbereich Ø D Clamping range Ø D [mm]	Schwingkreis SDmax Swing diameter SDmax [mm]	SCHUNK-Typ komplett SCHUNK type complete	Ident.-Nr. ID	Trägerbacke Support jaw	Ident.-Nr. ID	Pendelbrücke Pendulum body	Ident.-Nr. ID
ROTA NC 250	69–91	256	PNS-Z 250–21–1	0190105	PT 21–1	0191102	PB 250–1	0192100
	75–109	269	PNS-Z 250–21–2	0190106	PT 21–1	0191102	PB 250–2	0192101
	95–113	269	PNS-Z 250–21–3	0190107	PT 21–1	0191102	PB 250–3	0192102
	131–165	288	PNS-Z 250–21–4	0190108	PT 21–2	0191103	PB 250–4	0192103
	140–174	288	PNS-Z 250–21–5	0190109	PT 21–2	0191103	PB 250–5	0192104
ROTA NCD 250	63–91	256	PNS-Z 250–21–1	0190105	PT 21–1	0191102	PB 250–1	0192100
	74–105	265	PNS-Z 250–21–2	0190106	PT 21–1	0191102	PB 250–2	0192101
	95–109	265	PNS-Z 250–21–3	0190107	PT 21–1	0191102	PB 250–3	0192102
	125–161	284	PNS-Z 250–21–4	0190108	PT 21–2	0191103	PB 250–4	0192103
	134–170	284	PNS-Z 250–21–5	0190109	PT 21–2	0191103	PB 250–5	0192104
ROTA NCK plus 250–75	60–90	254	PNS-Z 200–1	0190138	PT 17–3	0191108	PB 200–1	0192126
	81–121	255	PNS-Z 200–2	0190139	PT 17–3	0191108	PB 200–2	0192127
	110–148	276	PNS-Z 200–3	0190140	PT 17–4	0191109	PB 200–3	0192128
	140–178	274	PNS-Z 200–4	0190141	PT 17–4	0191109	PB 200–4	0192129
	65–93	259	PNS-Z 250–17–1	0190100	PT 17–1	0191100	PB 250–1	0192100
	85–117	278	PNS-Z 250–17–2	0190101	PT 17–1	0191100	PB 250–2	0192101
	124–170	293	PNS-Z 250–17–4	0190103	PT 17–2	0191101	PB 250–4	0192103
	133–179	293	PNS-Z 250–17–5	0190104	PT 17–2	0191101	PB 250–5	0192104
ROTA NCL plus 250–75	81–121	255	PNS-Z 200–2	0190139	PT 17–3	0191108	PB 200–2	0192127
	110–148	276	PNS-Z 200–3	0190140	PT 17–4	0191109	PB 200–3	0192128
	140–178	274	PNS-Z 200–4	0190141	PT 17–4	0191109	PB 200–4	0192129
	65–93	259	PNS-Z 250–17–1	0190100	PT 17–1	0191100	PB 250–1	0192100
	85–117	278	PNS-Z 250–17–2	0190101	PT 17–1	0191100	PB 250–2	0192101
	124–170	293	PNS-Z 250–17–4	0190103	PT 17–2	0191101	PB 250–4	0192103
	133–179	293	PNS-Z 250–17–5	0190104	PT 17–2	0191101	PB 250–5	0192104
ROTA NCD 255–86	65–92	258	PNS-Z 250–21–1	0190105	PT 21–1	0191102	PB 250–1	0192100
	85–109	269	PNS-Z 250–21–2	0190106	PT 21–1	0191102	PB 250–2	0192101
	120–159	287	PNS-Z 250–21–4	0190108	PT 21–2	0191103	PB 250–4	0192103
	135–174	287	PNS-Z 250–21–5	0190109	PT 21–2	0191103	PB 250–5	0192104
	71–93	269	PNS-Z 315–1	0190110	PT 21–1	0191102	PB 315–1	0192105
	131–170	287	PNS-Z 315–3	0190112	PT 21–2	0191103	PB 315–3	0192107
ROTA NC plus 260–86	91–115	277	PNS-Z 250–21–2	0190106	PT 21–1	0191102	PB 250–2	0192101
	141–165	295	PNS-Z 250–21–4	0190108	PT 21–2	0191103	PB 250–4	0192103
	156–180	295	PNS-Z 250–21–5	0190109	PT 21–2	0191103	PB 250–5	0192104
	75–99	277	PNS-Z 315–1	0190110	PT 21–1	0191102	PB 315–1	0192105
	103–113	277	PNS-Z 315–2	0190111	PT 21–1	0191102	PB 315–2	0192106
	152–176	295	PNS-Z 315–3	0190112	PT 21–2	0191103	PB 315–3	0192107
	174–186	297	PNS-Z 315–4	0190113	PT 21–2	0191103	PB 315–4	0192108

 Passende Nutensteine finden Sie ab Seite 172
Passende harte und weiche Spanneinsätze finden Sie im Katalogteil „Zubehör“.

 For suitable T-nuts see page 172
For suitable hard and soft clamping inserts see catalog chapter “Accessories”.

Spanneinsatz Clamping insert	Ident.-Nr. ID	N	B	B ₁	H	L	T	G	b	Schrauben Screws	m/Stück m/piece
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[mm]		[kg]
SP 250-2	0194101	21	50	85	64	96	35	M6	34	M16	1.9
SP 250-2	0194101	21	50	97	64	96	35	M6	34	M16	2.0
SP 250-2	0194101	21	50	103	64	96	35	M6	34	M16	2.1
SP 250-3	0194102	21	50	131	64	75	35	M6	34	M16	2.3
SP 250-4	0194103	21	50	145	64	75	35	M6	34	M16	2.3
SP 250-2	0194101	21	50	85	64	96	35	M6	34	M16	1.9
SP 250-2	0194101	21	50	97	64	96	35	M6	34	M16	2.0
SP 250-2	0194101	21	50	103	64	96	35	M6	34	M16	2.1
SP 250-3	0194102	21	50	131	64	75	35	M6	34	M16	2.3
SP 250-4	0194103	21	50	145	64	75	35	M6	34	M16	2.3
SP 200-1	0194140	17	40	80	56	74	30	M6	30	M12	1.2
SP 200-3	0194142	17	40	100	56	74	30	M6	30	M12	1.3
SP 200-5	0194144	17	40	102	56	69.5	30	M6	30	M12	1.4
SP 200-5	0194144	17	40	130	56	69.5	30	M6	30	M12	1.5
SP 250-2	0194101	17	50	85	56	90	35	M6	32	M12	1.6
SP 250-2	0194101	17	50	97	56	90	35	M6	32	M12	1.7
SP 250-4	0194103	17	50	131	56	75	35	M6	32	M12	2.2
SP 250-4	0194103	17	50	145	56	75	35	M6	32	M12	2.4
SP 200-3	0194142	17	40	100	56	74	30	M6	30	M12	1.3
SP 200-5	0194144	17	40	102	56	69.5	30	M6	30	M12	1.4
SP 200-5	0194144	17	40	130	56	96.5	30	M6	30	M12	1.5
SP 250-2	0194101	17	50	85	56	90	35	M6	32	M12	1.6
SP 250-2	0194101	17	50	97	56	90	35	M6	32	M12	1.7
SP 250-4	0194103	17	50	131	56	75	35	M6	32	M12	2.2
SP 250-4	0194103	17	50	145	56	75	35	M6	32	M12	2.4
SP 250-2	0194101	21	50	85	64	96	35	M6	34	M16	1.9
SP 250-2	0194101	21	50	97	64	96	35	M6	34	M16	2.0
SP 250-3	0194102	21	50	131	64	75	35	M6	34	M16	2.3
SP 250-4	0194103	21	50	145	64	75	35	M6	34	M16	2.3
SP 315-2	0194105	21	50	95	64	96	35	M6	34	M16	2.0
SP 315-4	0194107	21	50	152	64	75	35	M6	34	M16	2.5
SP 250-2	0194101	21	50	97	64	96	35	M6	34	M16	2.0
SP 250-3	0194102	21	50	131	64	75	35	M6	34	M16	2.3
SP 250-4	0194103	21	50	145	64	75	35	M6	34	M16	2.3
SP 315-2	0194105	21	50	95	64	96	35	M6	34	M16	2.0
SP 315-2	0194105	21	50	130	64	96	35	M7	35	M15	2.3
SP 315-4	0194107	21	50	152	64	75	35	M6	34	M16	2.5
SP 315-4	0194107	21	50	180	64	75	35	M6	34	M16	2.7

Pendelbacken | Pendulum Jaws

SCHUNK

Futtertyp Chuck type	Spannbereich Ø D Clamping range Ø D [mm]	Schwingkreis SDmax Swing diameter SDmax [mm]	SCHUNK-Typ komplett SCHUNK type complete	Ident.-Nr. ID	Trägerbacke Support jaw	Ident.-Nr. ID	Pendelbrücke Pendulum body	Ident.-Nr. ID
ROTA NC plus 2 260-86	91-115	277	PNS-Z 250-21-2	0190106	PT 21-1	0191102	PB 250-2	0192101
	141-165	295	PNS-Z 250-21-4	0190108	PT 21-2	0191103	PB 250-4	0192103
	156-180	295	PNS-Z 250-21-5	0190109	PT 21-2	0191103	PB 250-5	0192104
	75-99	277	PNS-Z 315-1	0190110	PT 21-1	0191102	PB 315-1	0192105
	103-113	277	PNS-Z 315-2	0190111	PT 21-1	0191102	PB 315-2	0192106
	152-176	295	PNS-Z 315-3	0190112	PT 21-2	0191103	PB 315-3	0192107
	174-186	297	PNS-Z 315-4	0190113	PT 21-2	0191103	PB 315-4	0192108
ROTA NCE 260-81	89-109	269	PNS-Z 250-21-2	0190106	PT 21-1	0191102	PB 250-2	0192101
	139-158	287	PNS-Z 250-21-4	0190108	PT 21-2	0191103	PB 250-4	0192103
	154-173	287	PNS-Z 250-21-5	0190109	PT 21-2	0191103	PB 250-5	0192104
	73-93	269	PNS-Z 315-1	0190110	PT 21-1	0191102	PB 315-1	0192105
	150-169	287	PNS-Z 315-3	0190112	PT 21-2	0191103	PB 315-3	0192107
ROTA NCF plus 260-86	91-115	277	PNS-Z 250-21-2	0190106	PT 21-1	0191102	PB 250-2	0192101
	141-165	295	PNS-Z 250-21-4	0190108	PT 21-2	0191103	PB 250-4	0192103
	156-180	295	PNS-Z 250-21-5	0190109	PT 21-2	0191103	PB 250-5	0192104
	75-99	277	PNS-Z 315-1	0190110	PT 21-1	0191102	PB 315-1	0192105
	103-113	277	PNS-Z 315-2	0190111	PT 21-1	0191102	PB 315-2	0192106
	152-176	295	PNS-Z 315-3	0190112	PT 21-2	0191103	PB 315-3	0192107
	174-186	297	PNS-Z 315-4	0190113	PT 21-2	0191103	PB 315-4	0192108
ROTA NCF plus 2 260-86	91-115	277	PNS-Z 250-21-2	0190106	PT 21-1	0191102	PB 250-2	0192101
	141-165	295	PNS-Z 250-21-4	0190108	PT 21-2	0191103	PB 250-4	0192103
	156-180	295	PNS-Z 250-21-5	0190109	PT 21-2	0191103	PB 250-5	0192104
	75-99	277	PNS-Z 315-1	0190110	PT 21-1	0191102	PB 315-1	0192105
	103-113	277	PNS-Z 315-2	0190111	PT 21-1	0191102	PB 315-2	0192106
	152-176	295	PNS-Z 315-3	0190112	PT 21-2	0191103	PB 315-3	0192107
	174-186	297	PNS-Z 315-4	0190113	PT 21-2	0191103	PB 315-4	0192108
ROTA NCO 260	87-113	275	PNS-Z 250-21-2	0190106	PT 21-1	0191102	PB 250-2	0192101
	113-124	283	PNS-Z 250-21-3	0190107	PT 21-1	0191102	PB 250-3	0192102
	137-170	301	PNS-Z 250-21-4	0190108	PT 21-2	0191103	PB 250-4	0192103
	152-185	301	PNS-Z 250-21-5	0190109	PT 21-2	0191103	PB 250-5	0192104
	71-104	283	PNS-Z 315-1	0190110	PT 21-1	0191102	PB 315-1	0192105
	103-118	283	PNS-Z 315-2	0190111	PT 21-1	0191102	PB 315-2	0192106
	148-181	301	PNS-Z 315-3	0190112	PT 21-2	0191103	PB 315-3	0192107
	174-191	302	PNS-Z 315-4	0190113	PT 21-2	0191103	PB 315-4	0192108
ROTA NC 315	83-112	291	PNS-Z 315-1	0190110	PT 21-1	0191102	PB 315-1	0192105
	105-159	329	PNS-Z 315-2	0190111	PT 21-1	0191102	PB 315-2	0192106
	160-215	339	PNS-Z 315-3	0190112	PT 21-2	0191103	PB 315-3	0192107
	166-228	349	PNS-Z 315-4	0190113	PT 21-2	0191103	PB 315-4	0192108



Passende Nutensteine finden Sie ab Seite 172
Passende harte und weiche Spanneinsätze finden Sie im Katalogteil „Zubehör“.



For suitable T-nuts see page 172
For suitable hard and soft clamping inserts see catalog chapter "Accessories".

Spanneinsatz Clamping insert	Ident.-Nr. ID	N	B	B ₁	H	L	T	G	b	Schrauben Screws	m/Stück m/piece
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[mm]		[kg]
SP 250-2	0194101	21	50	97	64	96	35	M6	34	M16	2.0
SP 250-3	0194102	21	50	131	64	75	35	M6	34	M16	2.3
SP 250-4	0194103	21	50	145	64	75	35	M6	34	M16	2.3
SP 315-2	0194105	21	50	95	64	96	35	M6	34	M16	2.0
SP 315-2	0194105	21	50	130	64	96	35	M7	35	M16	2.3
SP 315-4	0194107	21	50	152	64	75	35	M6	34	M16	2.5
SP 315-4	0194107	21	50	180	64	75	35	M6	34	M16	2.7
SP 250-2	0194101	21	50	97	64	96	35	M6	34	M16	2.0
SP 250-3	0194102	21	50	131	64	75	35	M6	34	M16	2.3
SP 250-4	0194103	21	50	145	64	75	35	M6	34	M16	2.3
SP 315-2	0194105	21	50	95	64	96	35	M6	34	M16	2.0
SP 315-4	0194107	21	50	152	64	75	35	M6	34	M16	2.5
SP 250-2	0194101	21	50	97	64	96	35	M6	34	M16	2.0
SP 250-3	0194102	21	50	131	64	75	35	M6	34	M16	2.3
SP 250-4	0194103	21	50	145	64	75	35	M6	34	M16	2.3
SP 315-2	0194105	21	50	95	64	96	35	M6	34	M16	2.0
SP 315-2	0194105	21	50	130	64	96	35	M7	35	M16	2.3
SP 315-4	0194107	21	50	152	64	75	35	M6	34	M16	2.5
SP 315-4	0194107	21	50	180	64	75	35	M6	34	M16	2.7
SP 250-2	0194101	21	50	97	64	96	35	M6	34	M16	2.0
SP 250-3	0194102	21	50	131	64	75	35	M6	34	M16	2.3
SP 250-4	0194103	21	50	145	64	75	35	M6	34	M16	2.3
SP 315-2	0194105	21	50	95	64	96	35	M6	34	M16	2.0
SP 315-2	0194105	21	50	130	64	96	35	M7	35	M16	2.3
SP 315-4	0194107	21	50	152	64	75	35	M6	34	M16	2.5
SP 315-4	0194107	21	50	180	64	75	35	M6	34	M16	2.7
SP 250-2	0194101	21	50	97	64	96	35	M6	34	M16	2.0
SP 250-2	0194101	21	50	103	64	96	35	M6	34	M16	2.1
SP 250-3	0194102	21	50	131	64	75	35	M6	34	M16	2.3
SP 250-4	0194103	21	50	145	64	75	35	M6	34	M16	2.3
SP 315-2	0194105	21	50	95	64	96	35	M6	34	M16	2.0
SP 315-2	0194105	21	50	130	64	96	35	M7	35	M16	2.3
SP 315-4	0194107	21	50	152	64	75	35	M6	34	M16	2.5
SP 315-4	0194107	21	50	180	64	75	35	M6	34	M16	2.7
SP 315-2	0194105	21	50	95	64	96	35	M6	34	M16	2.0
SP 315-2	0194105	21	50	130	64	96	35	M6	34	M16	2.3
SP 315-4	0194107	21	50	152	64	75	35	M6	34	M16	2.5
SP 315-4	0194107	21	50	180	64	75	35	M6	34	M16	2.7

Pendelbacken | Pendulum Jaws

SCHUNK

Futtertyp Chuck type	Spannbereich Ø D Clamping range Ø D [mm]	Schwingkreis SDmax Swing diameter SDmax [mm]	SCHUNK-Typ komplett SCHUNK type complete	Ident.-Nr. ID	Trägerbacke Support jaw	Ident.-Nr. ID	Pendelbrücke Pendulum body	Ident.-Nr. ID
ROTA NC plus 315-104	114-137	297	PNS-Z 250-21-3	0190107	PT 21-1	0191102	PB 250-3	0192102
	160-176	307	PNS-Z 250-21-4	0190108	PT 21-2	0191103	PB 250-4	0192103
	175-201	318	PNS-Z 250-21-5	0190109	PT 21-2	0191103	PB 250-5	0192104
	94-111	291	PNS-Z 315-1	0190110	PT 21-1	0191102	PB 315-1	0192105
	108-160	331	PNS-Z 315-2	0190111	PT 21-1	0191102	PB 315-2	0192106
	171-211	334	PNS-Z 315-3	0190112	PT 21-2	0191103	PB 315-3	0192107
	181-233	350	PNS-Z 315-4	0190113	PT 21-2	0191103	PB 315-4	0192108
	207-233	352	PNS-Z 315-5	0190114	PT 21-2	0191103	PB 315-5	0192109
ROTA NC plus 2 315-104	114-137	297	PNS-Z 250-21-3	0190107	PT 21-1	0191102	PB 250-3	0192102
	160-176	307	PNS-Z 250-21-4	0190108	PT 21-2	0191103	PB 250-4	0192103
	175-201	318	PNS-Z 250-21-5	0190109	PT 21-2	0191103	PB 250-5	0192104
	94-111	291	PNS-Z 315-1	0190110	PT 21-1	0191102	PB 315-1	0192105
	108-160	331	PNS-Z 315-2	0190111	PT 21-1	0191102	PB 315-2	0192106
	171-211	334	PNS-Z 315-3	0190112	PT 21-2	0191103	PB 315-3	0192107
	181-233	350	PNS-Z 315-4	0190113	PT 21-2	0191103	PB 315-4	0192108
	207-233	352	PNS-Z 315-5	0190114	PT 21-2	0191103	PB 315-5	0192109
ROTA NCD 315-115	98-116	277	PNS-Z 250-21-2	0190106	PT 21-1	0191102	PB 250-2	0192101
	114-137	297	PNS-Z 250-21-3	0190107	PT 21-1	0191102	PB 250-3	0192102
	148-175	306	PNS-Z 250-21-4	0190108	PT 21-2	0191103	PB 250-4	0192103
	163-201	318	PNS-Z 250-21-5	0190109	PT 21-2	0191103	PB 250-5	0192104
	82-111	290	PNS-Z 315-1	0190110	PT 21-1	0191102	PB 315-1	0192105
	103-159	329	PNS-Z 315-2	0190111	PT 21-1	0191102	PB 315-2	0192106
	159-211	334	PNS-Z 315-3	0190112	PT 21-2	0191103	PB 315-3	0192107
	169-232	348	PNS-Z 315-4	0190113	PT 21-2	0191103	PB 315-4	0192108
ROTA NCF plus 315-104	207-232	350	PNS-Z 315-5	0190114	PT 21-2	0191103	PB 315-5	0192109
	114-137	297	PNS-Z 250-21-3	0190107	PT 21-1	0191102	PB 250-3	0192102
	160-176	307	PNS-Z 250-21-4	0190108	PT 21-2	0191103	PB 250-4	0192103
	175-201	318	PNS-Z 250-21-5	0190109	PT 21-2	0191103	PB 250-5	0192104
	94-111	291	PNS-Z 315-1	0190110	PT 21-1	0191102	PB 315-1	0192105
	108-160	331	PNS-Z 315-2	0190111	PT 21-1	0191102	PB 315-2	0192106
	171-211	334	PNS-Z 315-3	0190112	PT 21-2	0191103	PB 315-3	0192107
	181-233	350	PNS-Z 315-4	0190113	PT 21-2	0191103	PB 315-4	0192108
ROTA NCK plus 315-91	207-233	352	PNS-Z 315-5	0190114	PT 21-2	0191103	PB 315-5	0192109
	94-116	278	PNS-Z 250-21-2	0190106	PT 21-1	0191102	PB 250-2	0192101
	115-137	297	PNS-Z 250-21-3	0190107	PT 21-1	0191102	PB 250-3	0192102
	144-176	307	PNS-Z 250-21-4	0190108	PT 21-2	0191103	PB 250-4	0192103
	159-201	318	PNS-Z 250-21-5	0190109	PT 21-2	0191103	PB 250-5	0192104
	78-111	291	PNS-Z 315-1	0190110	PT 21-1	0191102	PB 315-1	0192105
	103-149	318	PNS-Z 315-2	0190111	PT 21-1	0191102	PB 315-2	0192106
	155-211	334	PNS-Z 315-3	0190112	PT 21-2	0191103	PB 315-3	0192107
	174-222	337	PNS-Z 315-4	0190113	PT 21-2	0191103	PB 315-4	0192108
	207-222	339	PNS-Z 315-5	0190114	PT 21-2	0191103	PB 315-5	0192109



Passende Nutensteine finden Sie ab Seite 172
Passende harte und weiche Spanneinsätze finden Sie im Katalogteil „Zubehör“.



For suitable T-nuts see page 172
For suitable hard and soft clamping inserts see catalog chapter "Accessories".

Spanneinsatz Clamping insert	Ident.-Nr. ID	N	B	B ₁	H	L	T	G	b	Schrauben Screws	m/Stück m/piece
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[mm]		[kg]
SP 250-2	0194101	21	50	103	64	96	35	M6	34	M16	2.1
SP 250-3	0194102	21	50	131	64	75	35	M6	34	M16	2.3
SP 250-4	0194103	21	50	145	64	75	35	M6	34	M16	2.3
SP 315-2	0194105	21	50	95	64	96	35	M6	34	M16	2.0
SP 315-2	0194105	21	50	130	64	96	35	M7	35	M16	2.3
SP 315-4	0194107	21	50	152	64	75	35	M6	34	M16	2.5
SP 315-4	0194107	21	50	180	64	75	35	M6	34	M16	2.7
SP 315-4	0194107	21	50	196	64	75	35	M6	34	M16	3.2
SP 250-2	0194101	21	50	103	64	96	35	M6	34	M16	2.1
SP 250-3	0194102	21	50	131	64	75	35	M6	34	M16	2.3
SP 250-4	0194103	21	50	145	64	75	35	M6	34	M16	2.3
SP 315-2	0194105	21	50	95	64	96	35	M6	34	M16	2.0
SP 315-2	0194105	21	50	130	64	96	35	M7	35	M16	2.3
SP 315-4	0194107	21	50	152	64	75	35	M6	34	M16	2.5
SP 315-4	0194107	21	50	180	64	75	35	M6	34	M16	2.7
SP 315-4	0194107	21	50	196	64	75	35	M6	34	M16	3.2
SP 250-2	0194101	21	50	97	64	96	35	M6	34	M16	2.0
SP 250-2	0194101	21	50	103	64	96	35	M6	34	M16	2.1
SP 250-3	0194102	21	50	131	64	75	35	M6	34	M16	2.3
SP 250-4	0194103	21	50	145	64	75	35	M6	34	M16	2.3
SP 315-2	0194105	21	50	95	64	96	35	M6	34	M16	2.0
SP 315-2	0194105	21	50	130	64	96	35	M6	34	M16	2.3
SP 315-4	0194107	21	50	152	64	75	35	M6	34	M16	2.5
SP 315-4	0194107	21	50	180	64	75	35	M6	34	M16	2.7
SP 315-4	0194107	21	50	196	64	75	35	M6	34	M16	3.2
SP 250-2	0194101	21	50	103	64	96	35	M6	34	M16	2.1
SP 250-3	0194102	21	50	131	64	75	35	M6	34	M16	2.3
SP 250-4	0194103	21	50	145	64	75	35	M6	34	M16	2.3
SP 315-2	0194105	21	50	95	64	96	35	M6	34	M16	2.0
SP 315-2	0194105	21	50	130	64	96	35	M7	35	M16	2.3
SP 315-4	0194107	21	50	152	64	75	35	M6	34	M16	2.5
SP 315-4	0194107	21	50	180	64	75	35	M6	34	M16	2.7
SP 315-4	0194107	21	50	196	64	75	35	M6	34	M16	3.2
SP 250-2	0194101	21	50	97	64	96	35	M6	34	M16	2.0
SP 250-2	0194101	21	50	103	64	96	35	M6	34	M16	2.1
SP 250-3	0194102	21	50	131	64	75	35	M6	34	M16	2.3
SP 250-4	0194103	21	50	145	64	75	35	M6	34	M16	2.3
SP 315-2	0194105	21	50	95	64	96	35	M6	34	M16	2.0
SP 315-2	0194105	21	50	130	64	96	35	M6	34	M16	2.3
SP 315-4	0194107	21	50	152	64	75	35	M6	34	M16	2.5
SP 315-4	0194107	21	50	180	64	75	35	M6	34	M16	2.7
SP 315-4	0194107	21	50	196	64	75	35	M6	34	M16	3.2

Pendelbacken | *Pendulum Jaws*

SCHUNK

Futtertyp <i>Chuck type</i>	Spannbereich Ø D <i>Clamping range Ø D</i>	Schwingkreis SDmax <i>Swing diameter SDmax</i>	SCHUNK-Typ komplett <i>SCHUNK type complete</i>	Ident.-Nr. <i>ID</i>	Trägerbacke <i>Support jaw</i>	Ident.-Nr. <i>ID</i>	Pendelbrücke <i>Pendulum body</i>	Ident.-Nr. <i>ID</i>
	[mm]	[mm]						
ROTA NCL plus 315-91	94-116	278	PNS-Z 250-21-2	0190106	PT 21-1	0191102	PB 250-2	0192101
	115-137	297	PNS-Z 250-21-3	0190107	PT 21-1	0191102	PB 250-3	0192102
	144-176	307	PNS-Z 250-21-4	0190108	PT 21-2	0191103	PB 250-4	0192103
	159-201	318	PNS-Z 250-21-5	0190109	PT 21-2	0191103	PB 250-5	0192104
	78-111	291	PNS-Z 315-1	0190110	PT 21-1	0191102	PB 315-1	0192105
	103-149	318	PNS-Z 315-2	0190111	PT 21-1	0191102	PB 315-2	0192106
	155-211	334	PNS-Z 315-3	0190112	PT 21-2	0191103	PB 315-3	0192107
	174-222	337	PNS-Z 315-4	0190113	PT 21-2	0191103	PB 315-4	0192108
	207-222	339	PNS-Z 315-5	0190114	PT 21-2	0191103	PB 315-5	0192109
ROTA NCO 315	146-164	335	PNS-Z 315-2	0190111	PT 21-1	0191102	PB 315-2	0192106
	219-239	356	PNS-Z 315-4	0190113	PT 21-2	0191103	PB 315-4	0192108
	219-239	358	PNS-Z 315-5	0190114	PT 21-2	0191103	PB 315-5	0192109



Passende Nutensteine finden Sie ab Seite 172
Passende harte und weiche Spanneinsätze finden Sie im
Katalogteil „Zubehör“.



For suitable T-nuts see page 172
For suitable hard and soft clamping inserts see catalog chapter
“Accessories”.

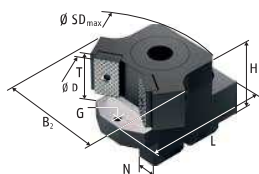
Spanneinsatz Clamping insert	Ident.-Nr. ID	N	B	B ₁	H	L	T	G	b	Schrauben Screws	m/Stück m/piece
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[mm]		[kg]
SP 250-2	0194101	21	50	97	64	96	35	M6	34	M16	2.0
SP 250-2	0194101	21	50	103	64	96	35	M6	34	M16	2.1
SP 250-3	0194102	21	50	131	64	75	35	M6	34	M16	2.3
SP 250-4	0194103	21	50	145	64	75	35	M6	34	M16	2.3
SP 315-2	0194105	21	50	95	64	96	35	M6	34	M16	2.0
SP 315-2	0194105	21	50	130	64	96	35	M7	35	M16	2.3
SP 315-4	0194107	21	50	152	64	75	35	M6	34	M16	2.5
SP 315-4	0194107	21	50	180	64	75	35	M6	34	M16	2.7
SP 315-4	0194107	21	50	196	64	75	35	M6	34	M16	3.2
SP 315-2	0194105	21	50	130	64	96	35	M7	35	M16	2.3
SP 315-4	0194107	21	50	180	64	75	35	M6	34	M16	2.7
SP 315-4	0194107	21	50	196	64	75	35	M6	34	M16	3.2

Pendelbacken | Pendulum Jaws

SCHUNK

Spitzverzahnung 3/32" x 90°

- Standardisierte Pendelbacken zum Spannen dünnwandiger und verformungsgefährdeter Werkstücke
- Nutensteine sind im Lieferumfang nicht enthalten
- Die Befestigung erfolgt mittels einzelner Nutensteine



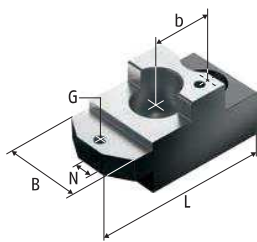
Fine Serration 3/32" x 90°

- Standardized pendulum jaws for clamping of thin-walled workpieces which are at risk of deformation
- T-nuts are not scope of delivery
- Fastening is done via single T-nuts

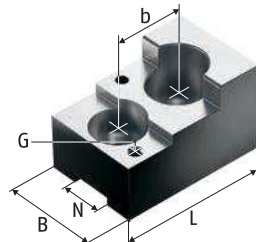
Futterttyp Chuck type	Spannbereich Ø D Clamping range Ø D [mm]	Schwingkreis SDmax Swing diameter SDmax [mm]	SCHUNK-Typ komplett SCHUNK type complete	Ident.-Nr. ID	Trägerbacke Support jaw	Ident.-Nr. ID	Pendelbrücke Pendulum body	Ident.-Nr. ID
ROTA NC 400-120	165-197	422	PNS-Z 400-1	0190115	PT 25-1	0191104	PB 400-1	0192110
	230-258	449	PNS-Z 400-2	0190116	PT 25-2	0191105	PB 400-2	0192111
	260-288	448	PNS-Z 400-3	0190117	PT 25-2	0191105	PB 400-3	0192112
	330-363	545	PNS-Z 400-4	0190118	PT 25-3	0191106	PB 400-4	0192113
	276-288	451	PNS-Z 500-4	0190122	PT 25-2	0191105	PB 500-4	0192118
	365-398	571	PNS-Z 500-5	0190123	PT 25-4	0191107	PB 500-5	0192119
ROTA NCD 400-165	118-193	417	PNS-Z 400-1	0190115	PT 25-1	0191104	PB 400-1	0192110
	184-253	444	PNS-Z 400-2	0190116	PT 25-2	0191105	PB 400-2	0192111
	238-283	443	PNS-Z 400-3	0190117	PT 25-2	0191105	PB 400-3	0192112
	283-358	539	PNS-Z 400-4	0190118	PT 25-3	0191106	PB 400-4	0192113
	318-393	565						
	276-288	451	PNS-Z 500-4	0190122	PT 25-2	0191105	PB 500-4	0192118
ROTA NCO 400	329-398	571	PNS-Z 500-5	0190123	PT 25-4	0191107	PB 500-5	0192119
	112-193	417	PNS-Z 400-1	0190115	PT 25-1	0191104	PB 400-1	0192110
	177-267	460	PNS-Z 400-2	0190116	PT 25-2	0191105	PB 400-2	0192111
	238-297	459	PNS-Z 400-3	0190117	PT 25-2	0191105	PB 400-3	0192112
	277-366	549	PNS-Z 400-4	0190118	PT 25-3	0191106	PB 400-4	0192113
	276-297	461	PNS-Z 500-4	0190122	PT 25-2	0191105	PB 500-4	0192118
ROTA TB2 470-185	312-407	581	PNS-Z 500-5	0190123	PT 25-4	0191107	PB 500-5	0192119
	306-344	513	PNS-Z 400-3	0190117	PT 25-2	0191105	PB 400-3	0192112
	306-351	523	PNS-Z 500-4	0190122	PT 25-2	0191105	PB 500-4	0192118
	411-461	643	PNS-Z 500-5	0190123	PT 25-4	0191107	PB 500-5	0192119
	436-461	646	PNS-Z 630-6	0190129	PT 25-4	0191107	PB 630-6	0192125

Passende Nutensteine finden Sie ab Seite 172
Passende harte und weiche Spanneinsätze finden Sie im Katalogteil „Zubehör“.

For suitable T-nuts see page 172
For suitable hard and soft clamping inserts see catalog chapter "Accessories".



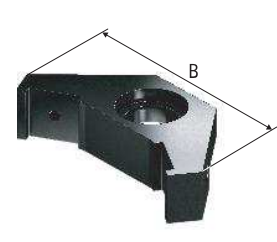
PT ...-1



PT ...-2 - 4



PB ...-1



PB ...-2 - 5

Spanneinsatz Clamping insert	Ident.-Nr. ID	N	B	B ₁	H	L	T	G	b	Schrauben Screws	m/Stück m/piece
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[mm]		[kg]
SP 400-2	0194109	25.5	65	150	85.0	138	45.0	M8	45	M20	3.0
SP 400-4	0194111	25.5	65	205	85.0	110	45.0	M8	48	M20	6.0
SP 400-4	0194111	25.5	65	240	85.0	110	45.0	M8	48	M20	6.2
SP 400-4	0194111	25.5	70	250	90.0	150	45.0	M8	45	M20	7.8
SP 400-4	0194111	25.5	65	256	90	110	45	M8	48	M20	6.2
SP 500-2	0194113	25.5	70	310	90	170	45	M8	45	M20	9.2
SP 400-2	0194109	25.5	65	150	85.0	138	45.0	M8	45	M20	3.0
SP 400-4	0194111	25.5	65	205	85.0	110	45.0	M8	48	M20	6.0
SP 400-4	0194111	25.5	65	240	85.0	110	45.0	M8	48	M20	6.2
SP 400-4	0194111	25.5	70	250	90.0	150	45.0	M8	45	M20	7.8
SP 400-4	0194111	25.5	65	256	90	110	45	M8	48	M20	6.2
SP 500-2	0194113	25.5	70	310	90	170	45	M8	45	M20	9.2
SP 400-2	0194109	25.5	65	150	85	138	45	M8	45	M20	3.0
SP 400-4	0194111	25.5	65	205	85	110	45	M8	48	M20	6.0
SP 400-4	0194111	25.5	65	240	85	110	45	M8	48	M20	6.2
SP 400-4	0194111	25.5	70	250	90	150	45	M8	45	M20	7.8
SP 400-4	0194111	25.5	65	256	90	110	45	M8	48	M20	6.2
SP 500-2	0194113	25.5	70	310	90	170	45	M8	45	M20	9.2
SP 400-4	0194111	25.5	65	240	85	110	45	M8	48	M20	6.2
SP 400-4	0194111	25.5	65	256	90	110	45	M8	48	M20	6.2
SP 500-2	0194113	25.5	70	310	90	170	45	M8	45	M20	9.2
SP 630-2	0194115	25.5	70	374	90	170	45	M8	45	M20	11.0

Passende Nutensteine finden Sie ab Seite 172
Passende harte und weiche Spanneinsätze finden Sie im Katalogteil „Zubehör“.

For suitable T-nuts see page 172
For suitable hard and soft clamping inserts see catalog chapter „Accessories“.

Pendelbacken | Pendulum Jaws

SCHUNK

Futtertyp Chuck type	Spannbereich Ø D Clamping range Ø D [mm]	Schwingkreis SDmax Swing diameter SDmax [mm]	SCHUNK-Typ komplett SCHUNK type complete	Ident.-Nr. ID	Trägerbacke Support jaw	Ident.-Nr. ID	Pendelbrücke Pendulum body	Ident.-Nr. ID
ROTA TB2 LH 470-185	328-368	542	PNS-Z 500-4	0190122	PT 25-2	0191105	PB 500-4	0192118
	432-474	659	PNS-Z 500-5	0190123	PT 25-4	0191107	PB 500-5	0192119
	432-478	666	PNS-Z 630-6	0190129	PT 25-4	0191107	PB 630-6	0192125
ROTA NC 500-160	179-197	422	PNS-Z 400-1	0190115	PT 25-1	0191104	PB 400-1	0192110
	244-279	474	PNS-Z 400-2	0190116	PT 25-2	0191105	PB 400-2	0192111
	274-344	513	PNS-Z 400-3	0190117	PT 25-2	0191105	PB 400-3	0192112
	344-370	553	PNS-Z 400-4	0190118	PT 25-3	0191106	PB 400-4	0192113
	274-373	548	PNS-Z 500-4	0190122	PT 25-2	0191105	PB 500-4	0192118
	379-481	667	PNS-Z 500-5	0190123	PT 25-4	0191107	PB 500-5	0192119
	439-483	672	PNS-Z 630-6	0190129	PT 25-4	0191107	PB 630-6	0192125
ROTA NCD 500-165	118-197	422	PNS-Z 400-1	0190115	PT 25-1	0191104	PB 400-1	0192110
	184-279	474	PNS-Z 400-2	0190116	PT 25-2	0191105	PB 400-2	0192111
	238-344	513	PNS-Z 400-3	0190117	PT 25-2	0191105	PB 400-3	0192112
	283-371	554	PNS-Z 400-4	0190118	PT 25-3	0191106	PB 400-4	0192113
	276-369	544	PNS-Z 500-4	0190122	PT 25-2	0191105	PB 500-4	0192118
	318-479	664	PNS-Z 500-5	0190123	PT 25-4	0191107	PB 500-5	0192119
	439-479	667	PNS-Z 630-6	0190129	PT 25-4	0191107	PB 630-6	0192125
ROTA NCF 500-160	129-197	422	PNS-Z 400-1	0190115	PT 25-1	0191104	PB 400-1	0192110
	244-279	474	PNS-Z 400-2	0190116	PT 25-2	0191105	PB 400-2	0192111
	274-344	513	PNS-Z 400-3	0190117	PT 25-2	0191105	PB 400-3	0192112
	344-370	553	PNS-Z 400-4	0190118	PT 25-3	0191106	PB 400-4	0192113
	274-373	548	PNS-Z 500-4	0190122	PT 25-2	0191105	PB 500-4	0192118
	379-481	667	PNS-Z 500-5	0190123	PT 25-4	0191107	PB 500-5	0192119
	439-483	672	PNS-Z 630-6	0190129	PT 25-4	0191107	PB 630-6	0192125
ROTA NCO 500	112-193	417	PNS-Z 400-1	0190115	PT 25-1	0191104	PB 400-1	0192110
	177-275	469	PNS-Z 400-2	0190116	PT 25-2	0191105	PB 400-2	0192111
	238-340	508	PNS-Z 400-3	0190117	PT 25-2	0191105	PB 400-3	0192112
	277-366	549	PNS-Z 400-4	0190118	PT 25-3	0191106	PB 400-4	0192113
	276-378	554	PNS-Z 500-4	0190122	PT 25-2	0191105	PB 500-4	0192118
	312-477	662	PNS-Z 500-5	0190123	PT 25-4	0191107	PB 500-5	0192119
	439-492	681	PNS-Z 630-6	0190129	PT 25-4	0191107	PB 630-6	0192125
ROTA TB2 LH 600-275	523-589	792	PNS-Z 630-6	0190129	PT 25-4	0191107	PB 630-6	0192125
ROTA NCD 630-165	118-197	422	PNS-Z 400-1	0190115	PT 25-1	0191104	PB 400-1	0192110
	184-279	474	PNS-Z 400-2	0190116	PT 25-2	0191105	PB 400-2	0192111
	238-344	513	PNS-Z 400-3	0190117	PT 25-2	0191105	PB 400-3	0192112
	283-371	554	PNS-Z 400-4	0190118	PT 25-3	0191106	PB 400-4	0192113
	276-382	559	PNS-Z 500-4	0190122	PT 25-2	0191105	PB 500-4	0192118
	318-482	667	PNS-Z 500-5	0190123	PT 25-4	0191107	PB 500-5	0192119
	439-592	796	PNS-Z 630-6	0190129	PT 25-4	0191107	PB 630-6	0192125



Passende Nutensteine finden Sie ab Seite 172
Passende harte und weiche Spanneinsätze finden Sie im Katalogteil „Zubehör“.



For suitable T-nuts see page 172
For suitable hard and soft clamping inserts see catalog chapter "Accessories".

Spanneinsatz Clamping insert	Ident.-Nr. ID	N	B	B ₁	H	L	T	G	b	Schrauben Screws	m/Stück m/piece
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[mm]		[kg]
SP 400-4	0194111	25.5	65	256	90	110	45	M8	48	M20	6.2
SP 500-2	0194113	25.5	70	310	90	170	45	M8	45	M20	9.2
SP 630-2	0194115	25.5	70	374	90	170	45	M8	45	M20	11.0
SP 400-2	0194109	25.5	65	150	85	138	45	M8	45	M20	3.0
SP 400-4	0194111	25.5	65	205	85	110	45	M8	48	M20	6.0
SP 400-4	0194111	25.5	65	240	85	110	45	M8	48	M20	6.2
SP 400-4	0194111	25.5	70	250	90	150	45	M8	45	M20	7.8
SP 400-4	0194111	25.5	65	256	90	110	45	M8	48	M20	6.2
SP 500-2	0194113	25.5	70	310	90	170	45	M8	45	M20	9.2
SP 630-2	0194115	25.5	70	374	90	170	45	M8	45	M20	11.0
SP 400-2	0194109	25.5	65	150	85	138	45	M8	45	M20	3.0
SP 400-4	0194111	25.5	65	205	85	110	45	M8	48	M20	6.0
SP 400-4	0194111	25.5	65	240	85	110	45	M8	48	M20	6.2
SP 400-4	0194111	25.5	70	250	90	150	45	M8	45	M20	7.8
SP 400-4	0194111	25.5	65	256	90	110	45	M8	48	M20	6.2
SP 500-2	0194113	25.5	70	310	90	170	45	M8	45	M20	9.2
SP 630-2	0194115	25.5	70	374	90	170	45	M8	45	M20	11.0
SP 400-2	0194109	25.5	65	150	85	138	45	M8	45	M20	3.0
SP 400-4	0194111	25.5	65	205	85	110	45	M8	48	M20	6.0
SP 400-4	0194111	25.5	65	240	85	110	45	M8	48	M20	6.2
SP 400-4	0194111	25.5	70	250	90	150	45	M8	45	M20	7.8
SP 400-4	0194111	25.5	65	256	90	110	45	M8	48	M20	6.2
SP 500-2	0194113	25.5	70	310	90	170	45	M8	45	M20	9.2
SP 630-2	0194115	25.5	70	374	90	170	45	M8	45	M20	11.0
SP 400-2	0194109	25.5	65	150	85	138	45	M8	45	M20	3.0
SP 400-4	0194111	25.5	65	205	85	110	45	M8	48	M20	6.0
SP 400-4	0194111	25.5	65	240	85	110	45	M8	48	M20	6.2
SP 400-4	0194111	25.5	70	250	90	150	45	M8	45	M20	7.8
SP 400-4	0194111	25.5	65	256	90	110	45	M8	48	M20	6.2
SP 500-2	0194113	25.5	70	310	90	170	45	M8	45	M20	9.2
SP 630-2	0194115	25.5	70	374	90	170	45	M8	45	M20	11.0
SP 630-2	0194115	25.5	70	374	90	170	45	M8	45	M20	11.0
SP 400-2	0194109	25.5	65	150	85	138	45	M8	45	M20	3.0
SP 400-4	0194111	25.5	65	205	85	110	45	M8	48	M20	6.0
SP 400-4	0194111	25.5	65	240	85	110	45	M8	48	M20	6.2
SP 400-4	0194111	25.5	70	250	90	150	45	M8	45	M20	7.8
SP 400-4	0194111	25.5	65	256	90	110	45	M8	48	M20	6.2
SP 500-2	0194113	25.5	70	310	90	170	45	M8	45	M20	9.2
SP 630-2	0194115	25.5	70	374	90	170	45	M8	45	M20	11.0

Pendelbacken | *Pendulum Jaws*

SCHUNK

Futtertyp <i>Chuck type</i>	Spannbereich Ø D <i>Clamping range Ø D</i>	Schwingkreis SDmax <i>Swing diameter SDmax</i>	SCHUNK-Typ komplett <i>SCHUNK type complete</i>	Ident.-Nr. <i>ID</i>	Trägerbacke <i>Support jaw</i>	Ident.-Nr. <i>ID</i>	Pendelbrücke <i>Pendulum body</i>	Ident.-Nr. <i>ID</i>
	[mm]	[mm]						
ROTA NCO 630	118–193	417	PNS-Z 400-1	0190115	PT 25-1	0191104	PB 400-1	0192110
	173–275	469	PNS-Z 400-2	0190116	PT 25-2	0191105	PB 400-2	0192111
	238–340	508	PNS-Z 400-3	0190117	PT 25-2	0191105	PB 400-3	0192112
	273–366	549	PNS-Z 400-4	0190118	PT 25-3	0191106	PB 400-4	0192113
	276–378	554	PNS-Z 500-4	0190122	PT 25-2	0191105	PB 500-4	0192118
	320–477	662	PNS-Z 500-5	0190123	PT 25-4	0191107	PB 500-5	0192119
	439–595	799	PNS-Z 630-6	0190129	PT 25-4	0191107	PB 630-6	0192125
ROTA TB2 630-275	486–564	764	PNS-Z 630-6	0190129	PT 25-4	0191107	PB 630-6	0192125
ROTA TB2 LH 630-275	562–581	784	PNS-Z 630-6	0190129	PT 25-4	0191107	PB 630-6	0192125
ROTA NCO 800	257–274	468	PNS-Z 400-2	0190116	PT 25-2	0191105	PB 400-2	0192111
	287–339	507	PNS-Z 400-3	0190117	PT 25-2	0191105	PB 400-3	0192112
	287–377	553	PNS-Z 500-4	0190122	PT 25-2	0191105	PB 500-4	0192118
	392–477	661	PNS-Z 500-5	0190123	PT 25-4	0191107	PB 500-5	0192119
	439–595	799	PNS-Z 630-6	0190129	PT 25-4	0191107	PB 630-6	0192125
ROTA NCF 400-120	127–196	421	PNS-Z 400-1	0190115	PT 25-1	0191104	PB 400-1	0192110
	192–256	447	PNS-Z 400-2	0190116	PT 25-2	0191105	PB 400-2	0192111
	235–289	447	PNS-Z 400-3	0190117	PT 25-2	0191105	PB 400-3	0192112
	292–361	543	PNS-Z 400-4	0190118	PT 25-3	0191106	PB 400-4	0192113



Passende Nutensteine finden Sie ab Seite 172
Passende harte und weiche Spanneinsätze finden Sie im Katalogteil „Zubehör“.

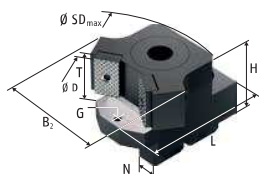


For suitable T-nuts see page 172
For suitable hard and soft clamping inserts see catalog chapter “Accessories”.

Spanneinsatz Clamping insert	Ident.-Nr. ID	N	B	B ₁	H	L	T	G	b	Schrauben Screws	m/Stück m/piece
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[mm]		[kg]
SP 400-2	0194109	25.5	65	150	85	138	45	M8	45	M20	3.0
SP 400-4	0194111	25.5	65	205	85	110	45	M8	48	M20	6.0
SP 400-4	0194111	25.5	65	240	85	110	45	M8	48	M20	6.2
SP 400-4	0194111	25.5	70	250	90	150	45	M8	45	M20	7.8
SP 400-4	0194111	25.5	65	256	90	110	45	M8	48	M20	6.2
SP 500-2	0194113	25.5	70	310	90	170	45	M8	45	M20	9.2
SP 630-2	0194115	25.5	70	374	90	170	45	M8	45	M20	11.0
SP 630-2	0194115	25.5	70	374	90	170	45	M8	45	M20	11.0
SP 630-2	0194115	25.5	70	374	90	170	45	M8	45	M20	11.0
SP 400-4	0194111	25.5	65	205	85	110	45	M8	48	M20	6.0
SP 400-4	0194111	25.5	65	240	85	110	45	M8	48	M20	6.2
SP 400-4	0194111	25.5	65	256	90	110	45	M8	48	M20	6.2
SP 500-2	0194113	25.5	70	310	90	170	45	M8	45	M20	9.2
SP 630-2	0194115	25.5	70	374	90	170	45	M8	45	M20	11.0
SP 400-2	0194109	25.5	65	150	85	138	45	M8	45	M20	3.0
SP 400-4	0194111	25.5	65	205	85	110	45	M8	48	M20	6.0
SP 400-4	0194111	25.5	65	240	85	110	45	M8	48	M20	6.2
SP 400-4	0194111	25.5	70	250	90	150	45	M8	45	M20	7.8

Spitzverzahnung 1,5 mm x 60°

- Standardisierte Pendelbacken zum Spannen dünnwandiger und verformungsgefährdeter Werkstücke
- Nutensteine sind im Lieferumfang nicht enthalten
- Die Befestigung erfolgt mittels einzelner Nutensteine



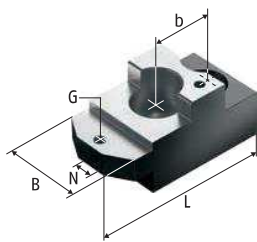
Fine Serration 1.5 mm x 60°

- Standardized pendulum jaws for clamping of thin-walled workpieces which are at risk of deformation
- T-nuts are not scope of delivery
- Fastening is done via single T-nuts

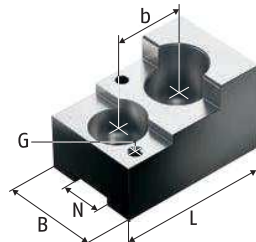
Futtertyp Chuck type	Spannbereich Ø D Clamping range Ø D [mm]	Schwingkreis SDmax Swing diameter SDmax [mm]	SCHUNK-Typ komplett SCHUNK type complete	Ident.-Nr. ID	Trägerbacke Support jaw	Ident.-Nr. ID	Pendelbrücke Pendulum body	Ident.-Nr. ID
ROTA NC 210	58-80	217	PNS-M 200-14-1	0160232	PT 14-1	0160006	PB 200-1	0192126
	89-113	241	PNS-M 200-14-2	0160233	PT 14-2	0160007	PB 200-3	0192128
	119-143	241	PNS-M 200-14-3	0160234	PT 14-2	0160007	PB 200-4	0192129
ROTA NCE 210-66	68-87	219	PNS-M 200-14-1	0160232	PT 14-1	0160006	PB 200-1	0192126
	98-112	241	PNS-M 200-14-2	0160233	PT 14-2	0160007	PB 200-3	0192128
	128-142	239	PNS-M 200-14-3	0160234	PT 14-2	0160007	PB 200-4	0192129
ROTA NCK plus 210-52	52-89	221	PNS-M 200-14-1	0160232	PT 14-1	0160006	PB 200-1	0192126
	82-115	244	PNS-M 200-14-2	0160233	PT 14-2	0160007	PB 200-3	0192128
	112-145	243	PNS-M 200-14-3	0160234	PT 14-2	0160007	PB 200-4	0192129
ROTA NC plus 2 215-66	72-88	220	PNS-M 200-14-1	0160232	PT 14-1	0160006	PB 200-1	0192126
	103-120	250	PNS-M 200-14-2	0160233	PT 14-2	0160007	PB 200-3	0192128
	133-150	249	PNS-M 200-14-3	0160234	PT 14-2	0160007	PB 200-4	0192129
ROTA NC plus 215-66	71-80	217	PNS-M 200-14-1	0160232	PT 14-1	0160006	PB 200-1	0192126
	102-120	249	PNS-M 200-14-2	0160233	PT 14-2	0160007	PB 200-3	0192128
	132-150	249	PNS-M 200-14-3	0160234	PT 14-2	0160007	PB 200-4	0192129
ROTA NCD 215-66	47-80	217	PNS-M 200-14-1	0160232	PT 14-1	0160006	PB 200-1	0192126
	78-116	245	PNS-M 200-14-2	0160233	PT 14-2	0160007	PB 200-3	0192128
	108-146	245	PNS-M 200-14-3	0160234	PT 14-2	0160007	PB 200-4	0192129
ROTA NCF plus 2 215-66	72-88	220	PNS-M 200-14-1	0160232	PT 14-1	0160006	PB 200-1	0192126
	103-120	250	PNS-M 200-14-2	0160233	PT 14-2	0160007	PB 200-3	0192128
	133-150	249	PNS-M 200-14-3	0160234	PT 14-2	0160007	PB 200-4	0192129

 Passende Nutensteine finden Sie ab Seite 172
Passende harte und weiche Spanneinsätze finden Sie im Katalogteil „Zubehör“.

 For suitable T-nuts see page 172
For suitable hard and soft clamping inserts see catalog chapter "Accessories".



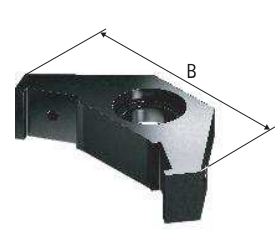
PT ...-1



PT ...-2 - 4



PB ...-1



PB ...-2 - 5

Spanneinsatz Clamping insert	Ident.-Nr. ID	N	B	B ₁	H	L	T	G	b	Schrauben Screws	m/Stück m/piece
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[mm]		[kg]
SP 200-2	0194141	14	40	80	55	74	30	M6	30	M12	1.3
SP 200-6	0194145	14	40	102	55	69.5	30	M6	30	M12	1.5
SP 200-6	0194145	14	40	130	55	69.5	30	M6	30	M12	1.6
SP 200-2	0194141	14	40	80	55	74	30	M6	30	M12	1.3
SP 200-6	0194145	14	40	102	55	69.5	30	M6	30	M12	1.5
SP 200-6	0194145	14	40	130	55	69.5	30	M6	30	M12	1.6
SP 200-2	0194141	14	40	80	55	74	30	M6	30	M12	1.3
SP 200-6	0194145	14	40	102	55	69.5	30	M6	30	M12	1.5
SP 200-6	0194145	14	40	130	55	69.5	30	M6	30	M12	1.6
SP 200-2	0194141	14	40	80	55	74	30	M6	30	M12	1.3
SP 200-6	0194145	14	40	102	55	69.5	30	M6	30	M12	1.5
SP 200-6	0194145	14	40	130	55	69.5	30	M6	30	M12	1.6
SP 200-2	0194141	14	40	80	55	74	30	M6	30	M12	1.3
SP 200-6	0194145	14	40	102	55	69.5	30	M6	30	M12	1.5
SP 200-6	0194145	14	40	130	55	69.5	30	M6	30	M12	1.6
SP 200-2	0194141	14	40	80	55	74	30	M6	30	M12	1.3
SP 200-6	0194145	14	40	102	55	69.5	30	M6	30	M12	1.5
SP 200-6	0194145	14	40	130	55	69.5	30	M6	30	M12	1.6
SP 200-2	0194141	14	40	80	55	74	30	M6	30	M12	1.3
SP 200-6	0194145	14	40	102	55	69.5	30	M6	30	M12	1.5
SP 200-6	0194145	14	40	130	55	69.5	30	M6	30	M12	1.6

Pendelbacken | Pendulum Jaws

SCHUNK

Futtertyp Chuck type	Spannbereich Ø D Clamping range Ø D [mm]	Schwingkreis SDmax Swing diameter SDmax [mm]	SCHUNK-Typ komplett SCHUNK type complete	Ident.-Nr. ID	Trägerbacke Support jaw	Ident.-Nr. ID	Pendelbrücke Pendulum body	Ident.-Nr. ID
ROTA NC 250	69-91	256	PNS-M 250-16-1	0160218	PT 16-1	0160000	PB 250-1	0192100
	75-109	269	PNS-M 250-16-2	0160219	PT 16-1	0160000	PB 250-2	0192101
	95-113	269	PNS-M 250-16-3	0160220	PT 16-1	0160000	PB 250-3	0192102
	127-162	285	PNS-M 250-16-4	0160221	PT 16-2	0160001	PB 250-4	0192103
	136-171	285	PNS-M 250-16-5	0160222	PT 16-2	0160001	PB 250-5	0192104
ROTA NCK plus 250-75	65-93	259	PNS-M 250-16-1	0160218	PT 16-1	0160000	PB 250-1	0192100
	84-117	278	PNS-M 250-16-2	0160219	PT 16-1	0160000	PB 250-2	0192101
	95-121	279	PNS-M 250-16-3	0160220	PT 16-1	0160000	PB 250-3	0192102
	124-170	293	PNS-M 250-16-4	0160221	PT 16-2	0160001	PB 250-4	0192103
	133-179	293	PNS-M 250-16-5	0160222	PT 16-2	0160001	PB 250-5	0192104
ROTA NCD 255-86	61-91	256	PNS-M 250-16-1	0160218	PT 16-1	0160000	PB 250-1	0192100
	74-114	275	PNS-M 250-16-2	0160219	PT 16-1	0160000	PB 250-2	0192101
	95-121	279	PNS-M 250-16-3	0160220	PT 16-1	0160000	PB 250-3	0192102
	119-169	293	PNS-M 250-16-4	0160221	PT 16-2	0160001	PB 250-4	0192103
	128-178	293	PNS-M 250-16-5	0160222	PT 16-2	0160001	PB 250-5	0192104
	71-93	269	PNS-M 315-21-1	0160223	PT 21-3	0160004	PB 315-1	0192105
	131-170	287	PNS-M 315-21-3	0160225	PT 21-4	0160005	PB 315-3	0192107
ROTA NC plus 2 260-86	84-91	256	PNS-M 250-16-1	0160218	PT 16-1	0160000	PB 250-1	0192100
	90-114	275	PNS-M 250-16-2	0160219	PT 16-1	0160000	PB 250-2	0192101
	95-123	281	PNS-M 250-16-3	0160220	PT 16-1	0160000	PB 250-3	0192102
	143-171	295	PNS-M 250-16-4	0160221	PT 16-2	0160001	PB 250-4	0192103
	152-180	295	PNS-M 250-16-5	0160222	PT 16-2	0160001	PB 250-5	0192104
ROTA NC plus 260-86	80-93	258	PNS-M 250-16-1	0160218	PT 16-1	0160000	PB 250-1	0192100
	86-116	278	PNS-M 250-16-2	0160219	PT 16-1	0160000	PB 250-2	0192101
	114-128	287	PNS-M 250-16-3	0160220	PT 16-1	0160000	PB 250-3	0192102
	138-176	301	PNS-M 250-16-4	0160221	PT 16-2	0160001	PB 250-4	0192103
	147-185	301	PNS-M 250-16-5	0160222	PT 16-2	0160001	PB 250-5	0192104
ROTA NCE 260-81	76-93	258	PNS-M 250-16-1	0160218	PT 16-1	0160000	PB 250-1	0192100
	82-114	276	PNS-M 250-16-2	0160219	PT 16-1	0160000	PB 250-2	0192101
	134-167	290	PNS-M 250-16-4	0160221	PT 16-2	0160001	PB 250-4	0192103
	143-176	290	PNS-M 250-16-5	0160222	PT 16-2	0160001	PB 250-5	0192104
ROTA NCF plus 2 260-86	80-93	258	PNS-M 250-16-1	0160218	PT 16-1	0160000	PB 250-1	0192100
	86-116	278	PNS-M 250-16-2	0160219	PT 16-1	0160000	PB 250-2	0192101
	114-128	287	PNS-M 250-16-3	0160220	PT 16-1	0160000	PB 250-3	0192102
	138-176	301	PNS-M 250-16-4	0160221	PT 16-2	0160001	PB 250-4	0192103
	147-185	301	PNS-M 250-16-5	0160222	PT 16-2	0160001	PB 250-5	0192104
ROTA NC 315	83-112	291	PNS-M 315-18-1	0160210	PT 18-1	0160002	PB 315-1	0192105
	105-160	330	PNS-M 315-18-2	0160211	PT 18-1	0160002	PB 315-2	0192106
	160-215	339	PNS-M 315-18-3	0160212	PT 18-2	0160003	PB 315-3	0192107
	169-229	350	PNS-M 315-18-4	0160213	PT 18-2	0160003	PB 315-4	0192108

 Passende Nutensteine finden Sie ab Seite 172
Passende harte und weiche Spanneinsätze finden Sie im Katalogteil „Zubehör“.

 For suitable T-nuts see page 172
For suitable hard and soft clamping inserts see catalog chapter "Accessories".

Spanneinsatz Clamping insert	Ident.-Nr. ID	N	B	B ₁	H	L	T	G	b	Schrauben Screws	m/Stück m/piece
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[mm]		[kg]
SP 250-2	0194101	16	50	85	64	90	35	M6	32	M12	2
SP 250-2	0194101	16	50	97	64	90	35	M6	32	M12	1.9
SP 250-2	0194101	16	50	103	64	90	35	M6	32	M12	2.4
SP 250-4	0194103	16	50	131	64	75	35	M6	32	M12	2.3
SP 250-4	0194103	16	50	145	64	75	35	M6	32	M12	2.4
SP 250-2	0194101	16	50	85	64	90	35	M6	32	M12	2
SP 250-2	0194101	16	50	97	64	90	35	M6	32	M12	1.9
SP 250-2	0194101	16	50	103	64	90	35	M6	32	M12	2.4
SP 250-4	0194103	16	50	131	64	75	35	M6	32	M12	2.3
SP 250-4	0194103	16	50	145	64	75	35	M6	32	M12	2.4
SP 250-2	0194101	16	50	85	64	90	35	M6	32	M12	2
SP 250-2	0194101	16	50	97	64	90	35	M6	32	M12	1.9
SP 250-2	0194101	16	50	103	64	90	35	M6	32	M12	2.4
SP 250-4	0194103	16	50	131	64	75	35	M6	32	M12	2.3
SP 250-4	0194103	16	50	145	64	75	35	M6	32	M12	2.4
SP 315-2	0194105	21	50	95	68	97	35	M6	34	M16	2.4
SP 315-4	0194107	21	50	152	68	75	35	M6	34	M16	2.6
SP 250-2	0194101	16	50	85	64	90	35	M6	32	M12	2
SP 250-2	0194101	16	50	97	64	90	35	M6	32	M12	1.9
SP 250-2	0194101	16	50	103	64	90	35	M6	32	M12	2.4
SP 250-4	0194103	16	50	131	64	75	35	M6	32	M12	2.3
SP 250-4	0194103	16	50	145	64	75	35	M6	32	M12	2.4
SP 250-2	0194101	16	50	85	64	90	35	M6	32	M12	2
SP 250-2	0194101	16	50	97	64	90	35	M6	32	M12	1.9
SP 250-2	0194101	16	50	103	64	90	35	M6	32	M12	2.4
SP 250-4	0194103	16	50	131	64	75	35	M6	32	M12	2.3
SP 250-4	0194103	16	50	145	64	75	35	M6	32	M12	2.4
SP 250-2	0194101	16	50	85	64	90	35	M6	32	M12	2
SP 250-2	0194101	16	50	97	64	90	35	M6	32	M12	1.9
SP 250-2	0194101	16	50	103	64	90	35	M6	32	M12	2.4
SP 250-4	0194103	16	50	131	64	75	35	M6	32	M12	2.3
SP 250-4	0194103	16	50	145	64	75	35	M6	32	M12	2.4
SP 250-2	0194101	16	50	85	64	90	35	M6	32	M12	2
SP 250-2	0194101	16	50	97	64	90	35	M6	32	M12	1.9
SP 250-2	0194101	16	50	103	64	90	35	M6	32	M12	2.4
SP 250-4	0194103	16	50	131	64	75	35	M6	32	M12	2.3
SP 250-4	0194103	16	50	145	64	75	35	M6	32	M12	2.4
SP 315-2	0194105	18	50	95	68	97	35	M6	34	M14	2.4
SP 315-2	0194105	18	50	130	68	97	35	M6	34	M14	2.5
SP 315-4	0194107	18	50	152	68	75	35	M6	34	M14	2.6
SP 315-4	0194107	18	50	180	68	75	35	M6	34	M14	3

Pendelbacken | Pendulum Jaws

SCHUNK

Futtertyp Chuck type	Spannbereich Ø D Clamping range Ø D [mm]	Schwingkreis SDmax Swing diameter SDmax [mm]	SCHUNK-Typ komplett SCHUNK type complete	Ident.-Nr. ID	Trägerbacke Support jaw	Ident.-Nr. ID	Pendelbrücke Pendulum body	Ident.-Nr. ID
ROTA NC plus 2 315-104	91-111	291	PNS-M 315-21-1	0160223	PT 21-3	0160004	PB 315-1	0192105
	105-160	331	PNS-M 315-21-2	0160224	PT 21-3	0160004	PB 315-2	0192106
	168-211	334	PNS-M 315-21-3	0160225	PT 21-4	0160005	PB 315-3	0192107
	178-233	350	PNS-M 315-21-4	0160226	PT 21-4	0160005	PB 315-4	0192108
ROTA NC plus 315-104	94-111	291	PNS-M 315-21-1	0160223	PT 21-3	0160004	PB 315-1	0192105
	108-160	331	PNS-M 315-21-2	0160224	PT 21-3	0160004	PB 315-2	0192106
	171-211	334	PNS-M 315-21-3	0160225	PT 21-4	0160005	PB 315-3	0192107
	181-233	350	PNS-M 315-21-4	0160226	PT 21-4	0160005	PB 315-4	0192108
ROTA NCD 315-115	82-111	290	PNS-M 315-21-1	0160223	PT 21-3	0160004	PB 315-1	0192105
	103-159	329	PNS-M 315-21-2	0160224	PT 21-3	0160004	PB 315-2	0192106
	159-211	334	PNS-M 315-21-3	0160225	PT 21-4	0160005	PB 315-3	0192107
	169-232	348	PNS-M 315-21-4	0160226	PT 21-4	0160005	PB 315-4	0192108
ROTA NCE 315-106	95-111	290	PNS-M 315-21-1	0160223	PT 21-3	0160004	PB 315-1	0192105
	109-154	324	PNS-M 315-21-2	0160224	PT 21-3	0160004	PB 315-2	0192106
	171-211	334	PNS-M 315-21-3	0160225	PT 21-4	0160005	PB 315-3	0192107
	181-227	343	PNS-M 315-21-4	0160226	PT 21-4	0160005	PB 315-4	0192108
ROTA NCF plus 2 315-104	91-111	291	PNS-M 315-21-1	0160223	PT 21-3	0160004	PB 315-1	0192105
	105-160	331	PNS-M 315-21-2	0160224	PT 21-3	0160004	PB 315-2	0192106
	168-211	334	PNS-M 315-21-3	0160225	PT 21-4	0160005	PB 315-3	0192107
	178-233	350	PNS-M 315-21-4	0160226	PT 21-4	0160005	PB 315-4	0192108
ROTA NCK plus 315-91	78-111	291	PNS-M 315-21-1	0160223	PT 21-3	0160004	PB 315-1	0192105
	103-149	318	PNS-M 315-21-2	0160224	PT 21-3	0160004	PB 315-2	0192106
	155-211	334	PNS-M 315-21-3	0160225	PT 21-4	0160005	PB 315-3	0192107
	174-222	337	PNS-M 315-21-4	0160226	PT 21-4	0160005	PB 315-4	0192108
ROTA NCL plus 315-91	78-111	291	PNS-M 315-21-1	0160223	PT 21-3	0160004	PB 315-1	0192105
	103-149	318	PNS-M 315-21-2	0160224	PT 21-3	0160004	PB 315-2	0192106
	155-211	334	PNS-M 315-21-3	0160225	PT 21-4	0160005	PB 315-3	0192107
	174-222	337	PNS-M 315-21-4	0160226	PT 21-4	0160005	PB 315-4	0192108



Passende Nutensteine finden Sie ab Seite 172
Passende harte und weiche Spanneinsätze finden Sie im
Katalogteil „Zubehör“.

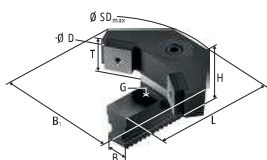


For suitable T-nuts see page 172
For suitable hard and soft clamping inserts see catalog chapter
“Accessories”.

Spanneinsatz Clamping insert	Ident.-Nr. ID	N	B	B ₁	H	L	T	G	b	Schrauben Screws	m/Stück m/piece
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[mm]		[kg]
SP 315-2	0194105	21	50	95	68	97	35	M6	34	M16	2.4
SP 315-2	0194105	21	50	130	68	97	35	M6	34	M16	2.5
SP 315-4	0194107	21	50	152	68	75	35	M6	34	M16	2.6
SP 315-4	0194107	21	50	180	68	75	35	M6	34	M16	2.9
SP 315-2	0194105	21	50	95	68	97	35	M6	34	M16	2.4
SP 315-2	0194105	21	50	130	68	97	35	M6	34	M16	2.5
SP 315-4	0194107	21	50	152	68	75	35	M6	34	M16	2.6
SP 315-4	0194107	21	50	180	68	75	35	M6	34	M16	2.9
SP 315-2	0194105	21	50	95	68	97	35	M6	34	M16	2.4
SP 315-2	0194105	21	50	130	68	97	35	M6	34	M16	2.5
SP 315-4	0194107	21	50	152	68	75	35	M6	34	M16	2.6
SP 315-4	0194107	21	50	180	68	75	35	M6	34	M16	2.9
SP 315-2	0194105	21	50	95	68	97	35	M6	34	M16	2.4
SP 315-2	0194105	21	50	130	68	97	35	M6	34	M16	2.5
SP 315-4	0194107	21	50	152	68	75	35	M6	34	M16	2.6
SP 315-4	0194107	21	50	180	68	75	35	M6	34	M16	2.9
SP 315-2	0194105	21	50	95	68	97	35	M6	34	M16	2.4
SP 315-2	0194105	21	50	130	68	97	35	M6	34	M16	2.5
SP 315-4	0194107	21	50	152	68	75	35	M6	34	M16	2.6
SP 315-4	0194107	21	50	180	68	75	35	M6	34	M16	2.9
SP 315-2	0194105	21	50	95	68	97	35	M6	34	M16	2.4
SP 315-2	0194105	21	50	130	68	97	35	M6	34	M16	2.5
SP 315-4	0194107	21	50	152	68	75	35	M6	34	M16	2.6
SP 315-4	0194107	21	50	180	68	75	35	M6	34	M16	2.9
SP 315-2	0194105	21	50	95	68	97	35	M6	34	M16	2.4
SP 315-2	0194105	21	50	130	68	97	35	M6	34	M16	2.5
SP 315-4	0194107	21	50	152	68	75	35	M6	34	M16	2.6
SP 315-4	0194107	21	50	180	68	75	35	M6	34	M16	2.9

Schräge Verzahnung

- Standardisierte Pendelbacken zum Spannen dünnwandiger und verformungsgefährdeter Werkstücke
- Liefereinheit und Gewichtsangaben: 1 Stück



Angled Serration

- Standardized pendulum jaws for clamping of thin-walled workpieces which are at risk of deformation
- Delivery unit and indication weight: 1 piece

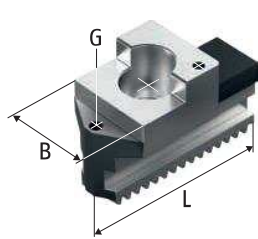
Futtertyp Chuck type	Spannbereich Ø D Clamping range Ø D [mm]	Schwingkreis SDmax Swing diameter SDmax [mm]	SCHUNK-Typ komplett SCHUNK type complete	Ident.-Nr. ID	Trägerbacke Support jaw	Ident.-Nr. ID	Pendelbrücke Pendulum body	Ident.-Nr. ID
ROTA-S plus 2.0 200-52	53-87	226	PNK-S 200-2	0190651	PT-FR 200-1	0191533	PB 200-1	0192126
	86-127	252	PNK-S 200-6	0190655	PT-FR 200-2	0191534	PB 200-3	0192128
	105-157	250	PNK-S 200-8	0190657	PT-FR 200-2	0191534	PB 200-4	0192129
ROTA-S plus 200-52	46-86	225	PNK-S 200-2	0190651	PT-FR 200-1	0191533	PB 200-1	0192126
	78-128	252	PNK-S 200-6	0190655	PT-FR 200-2	0191534	PB 200-3	0192128
	108-158	252	PNK-S 200-8	0190657	PT-FR 200-2	0191534	PB 200-4	0192129
ROTA-S plus 2.0 250-62	57-91	274	PNK-S 250-2	0190551	PT-FR 250-1	0191509	PB 250-1	0192100
	85-108	288	PNK-S 250-6	0190555	PT-FR 250-1	0191509	PB 250-3	0192102
	119-180	305	PNK-S 250-8	0190557	PT-FR 250-2	0191510	PB 250-4	0192103
	128-194	310	PNK-S 250-10	0190559	PT-FR 250-2	0191510	PB 250-5	0192104
ROTA-S plus 250-62	45-91	274	PNK-S 250-2	0190551	PT-FR 250-1	0191509	PB 250-1	0192100
	89-111	284	PNK-S 250-6	0190555	PT-FR 250-1	0191509	PB 250-3	0192102
	115-182	307	PNK-S 250-8	0190557	PT-FR 250-2	0191510	PB 250-4	0192103
	124-191	307	PNK-S 250-10	0190559	PT-FR 250-2	0191510	PB 250-5	0192104
	67-110	298	PNK-S 315-2	0190561	PT-FR 315-1	0191511	PB 315-1	0192105
	97-153	332	PNK-S 315-4	0190563	PT-FR 315-1	0191511	PB 315-2	0192106
	149-207	332	PNK-S 315-6	0190565	PT-FR 315-2	0191512	PB 315-3	0192107
	163-217	332	PNK-S 315-8	0190567	PT-FR 315-2	0191512	PB 315-4	0192108
ROTA-S plus 2.0 315-92	108-196	376	PNK-S 400-1	0190568	PT-FR 400-1	0191513	PB 400-1	0192110
	182-278	472	PNK-S 400-3	0190570	PT-FR 400-2	0191514	PB 400-2	0192111
	228-311	485	PNK-S 400-5	0190572	PT-FR 400-2	0191514	PB 400-3	0192112
ROTA-S plus 315-92	109-195	357	PNK-S 400-1	0190568	PT-FR 400-1	0191513	PB 400-1	0192110
	173-268	460	PNK-S 400-3	0190570	PT-FR 400-2	0191514	PB 400-2	0192111



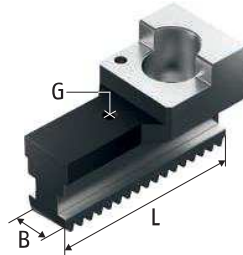
Passende harte und weiche Spanneinsätze finden Sie im Katalogteil „Zubehör“.



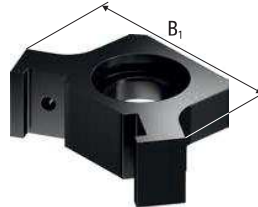
For suitable hard and soft clamping inserts see catalog chapter „Accessories“.



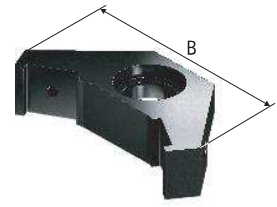
PT-FR/PT-S ...-1



PT-FR/PT-S ...-2 - 4



PB ...-1

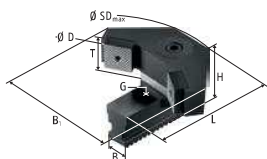


PB ...-2 - 5

Spanneinsatz Clamping insert	Ident.-Nr. ID	Spanneinsatz Clamping insert	Ident.-Nr. ID	B	B ₁	H	L	T	G	m/Stück m/piece
				[mm]	[mm]	[mm]	[mm]	[mm]		[kg]
SP 200-1	0194140	SP 200-2	0194141	22	80	76	82	36	M6	1.3
SP 200-5	0194144	SP 200-6	0194145	22	102	76	85	36	M6	1.7
SP 200-5	0194144	SP 200-6	0194145	22	130	76	85	36	M6	2.0
SP 200-1	0194140	SP 200-2	0194141	22	80	76	82	36	M6	1.3
SP 200-5	0194144	SP 200-6	0194145	22	102	76	85	36	M6	1.7
SP 200-5	0194144	SP 200-6	0194145	22	130	76	85	36	M6	2.0
SP 250-1	0194100	SP 250-2	0194101	26	85	86	98.5	40	M6	2.4
SP 250-1	0194100	SP 250-2	0194101	26	103	86	98.5	40	M6	2.7
SP 250-3	0194102	SP 250-4	0194103	26	131	86	104	40	M6	2.6
SP 250-3	0194102	SP 250-4	0194103	26	145	86	104	40	M6	2.7
SP 250-1	0194100	SP 250-2	0194101	26	85	86	98.5	40	M6	2.4
SP 250-1	0194100	SP 250-2	0194101	26	103	86	98.5	40	M6	2.7
SP 250-3	0194102	SP 250-4	0194103	26	131	86	104	40	M6	2.6
SP 250-3	0194102	SP 250-4	0194103	26	145	86	104	40	M6	2.7
SP 315-1	0194104	SP 315-2	0194105	26	95	88	115	40	M6	6.9
SP 315-1	0194104	SP 315-2	0194105	26	130	88	115	40	M6	7.6
SP 315-3	0194106	SP 315-4	0194107	26	152	88	118.5	40	M6	8.8
SP 315-3	0194106	SP 315-4	0194107	26	180	88	118.5	40	M6	9.4
SP 400-1	0194108	SP 400-2	0194109	32	150	99	125	50	M8	3.7
SP 400-3	0194110	SP 400-4	0194111	32	205	99	165	50	M8	5.5
SP 400-3	0194110	SP 400-4	0194111	32	240	99	165	50	M8	5.4
SP 400-1	0194108	SP 400-2	0194109	32	150	99	125	50	M8	3.7
SP 400-3	0194110	SP 400-4	0194111	32	205	99	165	50	M8	5.5

Pendelbacken | Pendulum Jaws

SCHUNK



Futtertyp Chuck type	Spannbereich Ø D Clamping range Ø D [mm]	Schwingkreis SDmax Swing diameter SDmax [mm]	SCHUNK-Typ komplett SCHUNK type complete	Ident.-Nr. ID	Trägerbacke Support jaw	Ident.-Nr. ID	Pendelbrücke Pendulum body	Ident.-Nr. ID
ROTA-S plus 400-102	108-194	463	PNK-S 500-1	0190574	PT-FR 500-1	0191515	PB 400-1	0192110
	163-222	515	PNK-S 500-3	0190576	PT-FR 500-1	0191515	PB 400-2	0192111
	215-277	471	PNK-S 630-1	0190584	PT-FR 630-1	0191518	PB 400-2	0192111
	245-341	511	PNK-S 500-5	0190578	PT-FR 500-2	0191516	PB 400-2	0192111
	163-277	564	PNK-S 630-3	0190586	PT-FR 630-1	0191518	PB 400-3	0192112
	228-315	574	PNK-S 500-7	0190580	PT-FR 500-2	0191516	PB 400-3	0192112
	328-448	628	PNK-S 630-5	0190588	PT-FR 630-2	0191519	PB 500-5	0192119
	397-435	632	PNK-S 630-7	0190590	PT-FR 630-2	0191519	PB 630-6	0192125
	307-433	611	PNK-S 500-9	0190582	PT-FR 500-3	0191517	PB 500-5	0192119
ROTA-S plus 500-162	108-194	463	PNK-S 500-1	0190574	PT-FR 500-1	0191515	PB 400-1	0192110
	163-277	578	PNK-S 500-3	0190576	PT-FR 500-1	0191515	PB 400-2	0192111
	245-341	511	PNK-S 500-7	0190580	PT-FR 500-2	0191516	PB 400-3	0192112
	307-416	592	PNK-S 500-9	0190582	PT-FR 500-3	0191517	PB 500-5	0192119
	163-277	564	PNK-S 630-1	0190584	PT-FR 630-1	0191518	PB 400-2	0192111
	228-341	604	PNK-S 630-3	0190586	PT-FR 630-1	0191518	PB 400-3	0192112
	397-522	719	PNK-S 630-7	0190590	PT-FR 630-2	0191519	PB 630-6	0192125
ROTA-S plus 500-162	215-277	471	PNK-S 500-5	0190578	PT-FR 500-2	0191516	PB 400-2	0192111
	328-479	664	PNK-S 630-5	0190588	PT-FR 630-2	0191519	PB 500-5	0192119

Bei Kraftspannfuttern können Spannlücken entstehen.
Um diese Spannlücken zu überbrücken sind im Lieferumfang
2 verschiedene Spanneinsätze enthalten.

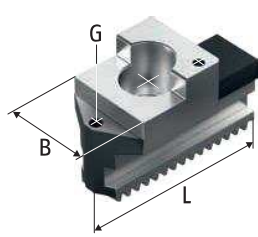
*If pendulum jaws are used on power lathe chucks, gaps may occur.
For covering these gaps, we are supplying 2 different clamping inserts,
which belong to the scope of delivery.*



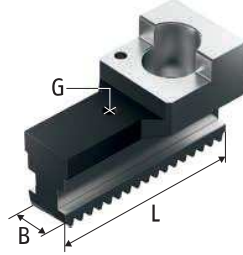
Passende harte und weiche Spanneinsätze finden Sie im Katalogteil „Zubehör“.



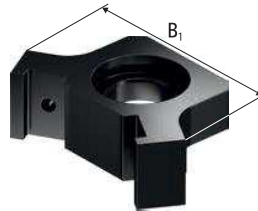
For suitable hard and soft clamping inserts see catalog chapter “Accessories”.



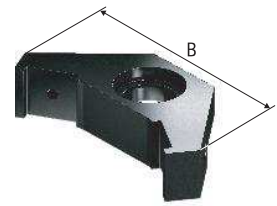
PT-FR/PT-S ...-1



PT-FR/PT-S ...-2 - 4



PB ...-1

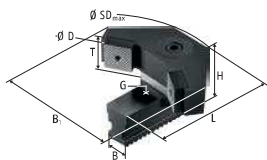


PB ...-2 - 5

Spanneinsatz Clamping insert	Ident.-Nr. ID	Spanneinsatz Clamping insert	Ident.-Nr. ID	B	B ₁	H	L	T	G	m/Stück m/piece
				[mm]	[mm]	[mm]	[mm]	[mm]		[kg]
SP 400-1	0194108	SP 400-2	0194109	45	150	118	167	50	M8	5.4
SP 400-3	0194110	SP 400-4	0194111	45	205	118	167	50	M8	6.5
SP 400-3	0194110	SP 400-4	0194111	45	205	118	200	50	M8	8.1
SP 400-3	0194110	SP 400-4	0194111	45	205	118	180	50	M8	8.2
SP 400-3	0194110	SP 400-4	0194111	45	240	118	200	50	M8	8.5
SP 400-3	0194110	SP 400-4	0194111	45	240	118	180	50	M8	8.4
SP 500-1	0194112	SP 500-2	0194113	45	310	118	226	50	M8	10.7
SP 630-1	0194114	SP 630-2	0194115	45	374	118	226	50	M8	12.0
SP 500-1	0194112	SP 500-2	0194113	45	310	118	220	50	M8	10.9
SP 400-1	0194108	SP 400-2	0194109	45	150	118	167	50	M8	5.4
SP 400-3	0194110	SP 400-4	0194111	45	205	118	167	50	M8	6.5
SP 400-3	0194110	SP 400-4	0194111	45	240	118	180	50	M8	8.4
SP 500-1	0194112	SP 500-2	0194113	45	310	118	220	50	M8	10.9
SP 400-3	0194110	SP 400-4	0194111	45	205	118	200	50	M8	8.1
SP 400-3	0194110	SP 400-4	0194111	45	240	118	200	50	M8	8.5
SP 630-1	0194114	SP 630-2	0194115	45	374	118	226	50	M8	12.0
SP 400-3	0194110	SP 400-4	0194111	45	205	118	180	50	M8	8.2
SP 500-1	0194112	SP 500-2	0194113	45	310	118	226	50	M8	10.7

Gerade Verzahnung

- Standardisierte Pendelbacken zum Spannen dünnwandiger und verformungsgefährdeter Werkstücke
- Liefereinheit und Gewichtsangaben: 1 Stück



Straight Serration

- Standardized pendulum jaws for clamping of thin-walled workpieces which are at risk of deformation
- Delivery unit and indication weight: 1 piece

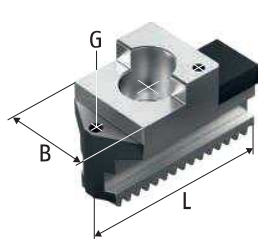
Futtertyp Chuck type	Spannbereich $\varnothing D$ Clamping range $\varnothing D$ [mm]	Schwingkreis SD_{max} Swing diameter SD_{max} [mm]	SCHUNK-Typ komplett SCHUNK type complete	Ident.-Nr. ID	Trägerbacke Support jaw	Ident.-Nr. ID	Pendelbrücke Pendulum body	Ident.-Nr. ID
ROTA-G 200-62	53-87	226	PNK-G 200-2	0190659	PT-S 200-1	0191535	PB 200-1	0192126
	86-130	256	PNK-G 200-6	0190663	PT-S 200-2	0191536	PB 200-3	0192128
	105-160	254	PNK-G 200-8	0190665	PT-S 200-2	0191536	PB 200-4	0192129
ROTA THW plus 215-66	54-87	226	PNK-G 200-2	0190659	PT-S 200-1	0191535	PB 200-1	0192126
	87-136	262	PNK-G 200-6	0190663	PT-S 200-2	0191536	PB 200-3	0192128
	105-166	260	PNK-G 200-8	0190665	PT-S 200-2	0191536	PB 200-4	0192129
ROTA-G 250-82	56-92	275	PNK-G 250-2	0190601	PT-S 250-1	0191520	PB 250-1	0192100
	85-123	306	PNK-G 250-6	0190605	PT-S 250-1	0191520	PB 250-3	0192102
	118-181	305	PNK-G 250-8	0190607	PT-S 250-2	0191521	PB 250-4	0192103
	127-198	315	PNK-G 250-10	0190609	PT-S 250-2	0191521	PB 250-5	0192104
ROTA THW plus 260-81	57-91	274	PNK-G 250-2	0190601	PT-S 250-1	0191520	PB 250-1	0192100
	85-117	299	PNK-G 250-6	0190605	PT-S 250-1	0191520	PB 250-3	0192102
	120-180	305	PNK-G 250-8	0190607	PT-S 250-2	0191521	PB 250-4	0192103
	129-192	308	PNK-G 250-10	0190609	PT-S 250-2	0191521	PB 250-5	0192104
ROTA THW plus 315-104	68-109	298	PNK-G 315-2	0190611	PT-S 315-1	0191522	PB 315-1	0192105
	97-167	348	PNK-G 315-4	0190613	PT-S 315-1	0191522	PB 315-2	0192106
	153-209	332	PNK-G 315-6	0190615	PT-S 315-2	0191523	PB 315-3	0192107
	163-248	366	PNK-G 315-8	0190617	PT-S 315-2	0191523	PB 315-4	0192108
ROTA-G 315-102	68-110	298	PNK-G 315-2	0190611	PT-S 315-1	0191522	PB 315-1	0192105
	97-167	348	PNK-G 315-4	0190613	PT-S 315-1	0191522	PB 315-2	0192106
	153-209	332	PNK-G 315-6	0190615	PT-S 315-2	0191523	PB 315-3	0192107
	163-257	377	PNK-G 315-8	0190617	PT-S 315-2	0191523	PB 315-4	0192108
ROTA THW plus 315-104	68-109	298	PNK-G 315-2	0190611	PT-S 315-1	0191522	PB 315-1	0192105
	97-167	348	PNK-G 315-4	0190613	PT-S 315-1	0191522	PB 315-2	0192106
	153-209	332	PNK-G 315-6	0190615	PT-S 315-2	0191523	PB 315-3	0192107
	163-248	366	PNK-G 315-8	0190617	PT-S 315-2	0191523	PB 315-4	0192108



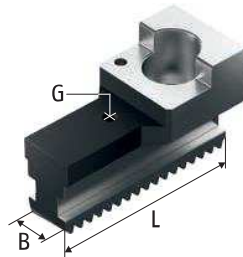
Passende harte und weiche Spanneinsätze finden Sie im Katalogteil „Zubehör“.



For suitable hard and soft clamping inserts see catalog chapter "Accessories".



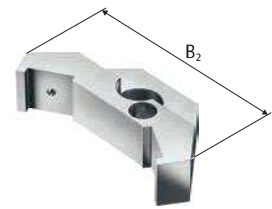
PT-FR/PT-S ...-1



PT-FR/PT-S ...-2 - 4



PB ...-1



PB ...-2 - 5

Spanneinsatz Clamping insert	Ident.-Nr. ID	Spanneinsatz Clamping insert	Ident.-Nr. ID	B	B ₁	H	L	T	G	m/Stück m/piece
				[mm]	[mm]	[mm]	[mm]	[mm]		[kg]
SP 200-1	0194140	SP 200-2	0194141	22	80	76	82	36	M6	1.2
SP 200-5	0194144	SP 200-6	0194145	22	102	76	85	36	M6	1.6
SP 200-5	0194144	SP 200-6	0194145	22	130	76	85	36	M6	1.8
SP 200-1	0194140	SP 200-2	0194141	22	80	76	82	36	M6	1.2
SP 200-5	0194144	SP 200-6	0194145	22	102	76	85	36	M6	1.6
SP 200-5	0194144	SP 200-6	0194145	22	130	76	85	36	M6	1.8
SP 250-1	0194100	SP 250-2	0194101	26	85	86	98.5	40	M6	1.8
SP 250-1	0194100	SP 250-2	0194101	26	103	86	98.5	40	M6	2.2
SP 250-3	0194102	SP 250-4	0194103	26	131	86	104	40	M6	2.4
SP 250-3	0194102	SP 250-4	0194103	26	145	86	104	40	M6	2.5
SP 250-1	0194100	SP 250-2	0194101	26	85	86	98.5	40	M6	1.8
SP 250-1	0194100	SP 250-2	0194101	26	103	86	98.5	40	M6	2.2
SP 250-3	0194102	SP 250-4	0194103	26	131	86	104	40	M6	2.4
SP 250-3	0194102	SP 250-4	0194103	26	145	86	104	40	M6	2.5
SP 315-1	0194104	SP 315-2	0194105	32	95	93	115	40	M6	2.6
SP 315-1	0194104	SP 315-2	0194105	32	130	93	115	40	M6	2.8
SP 315-3	0194106	SP 315-4	0194107	32	152	93	118.5	40	M6	3.1
SP 315-3	0194106	SP 315-4	0194107	32	180	93	118.5	40	M6	4.0
SP 315-1	0194104	SP 315-2	0194105	32	95	93	115	40	M6	2.6
SP 315-1	0194104	SP 315-2	0194105	32	130	93	115	40	M6	2.8
SP 315-3	0194106	SP 315-4	0194107	32	152	93	118.5	40	M6	3.1
SP 315-3	0194106	SP 315-4	0194107	32	180	93	118.5	40	M6	4.0
SP 315-1	0194104	SP 315-2	0194105	32	95	93	115	40	M6	2.6
SP 315-1	0194104	SP 315-2	0194105	32	130	93	115	40	M6	2.8
SP 315-3	0194106	SP 315-4	0194107	32	152	93	118.5	40	M6	3.1
SP 315-3	0194106	SP 315-4	0194107	32	180	93	118.5	40	M6	4.0

 Passende harte und weiche Spanneinsätze finden Sie im Katalogteil „Zubehör“.

 For suitable hard and soft clamping inserts see catalog chapter "Accessories".

Pendelbacken | *Pendulum jaws*

SCHUNK

Futtertyp <i>Chuck type</i>	Spannbereich Ø D <i>Clamping range Ø D</i>	Schwingkreis SDmax <i>Swing diameter SDmax</i>	SCHUNK-Typ komplett <i>SCHUNK type complete</i>	Ident.-Nr. <i>ID</i>	Trägerbacke <i>Support jaw</i>	Ident.-Nr. <i>ID</i>	Pendelbrücke <i>Pendulum body</i>	Ident.-Nr. <i>ID</i>
	[mm]	[mm]						
ROTA THW 400-12	108-198	378	PNK-G 400-2	0190619	PT-S 400-1	0191524	PB 400-1	0192110
	178-280	475	PNK-G 400-4	0190621	PT-S 400-2	0191525	PB 400-2	0192111
	228-328	495	PNK-G 400-6	0190623	PT-S 400-2	0191525	PB 400-3	0192112
ROTA THW 500-128	108-198	465	PNK-G 500-2	0190625	PT-S 500-1	0191526	PB 400-1	0192110
	163-242	538	PNK-G 500-4	0190627	PT-S 500-1	0191526	PB 400-2	0192111
	212-279	473	PNK-G 500-6	0190629	PT-S 500-2	0191527	PB 400-3	0192112
	242-343	513	PNK-G 500-8	0190631	PT-S 500-2	0191527	PB 400-3	0192112
	307-468	652	PNK-G 500-10	0190633	PT-S 500-3	0191528	PB 500-5	0192119
ROTA THW 630-160	163-278	566	PNK-G 630-2	0190635	PT-S 630-1	0191529	PB 400-2	0192111
	228-343	605	PNK-G 630-4	0190637	PT-S 630-1	0191529	PB 400-3	0192112
	326-480	665	PNK-G 630-6	0190639	PT-S 630-2	0191530	PB 500-5	0192119
	397-500	691	PNK-G 630-8	0190641	PT-S 630-2	0191530	PB 630-6	0192125

Bei Kraftspannfuttern können Spannlücken entstehen.
Um diese Spannlücken zu überbrücken sind im Lieferumfang
2 verschiedene Spanneinsätze enthalten.

*If pendulum jaws are used on power lathe chucks, gaps may occur.
For covering these gaps, we are supplying 2 different clamping inserts,
which belong to the scope of delivery.*



Passende Nutensteine finden Sie ab Seite 172
Passende harte und weiche Spanneinsätze finden Sie im
Katalogteil „Zubehör“.



For suitable T-nuts see page 172
For suitable hard and soft clamping inserts see catalog chapter
“Accessories”.

Spanneinsatz Clamping insert	Ident.-Nr. ID	Spanneinsatz Clamping insert	Ident.-Nr. ID	B	B ₁	H	L	T	G	m/Stück m/piece
				[mm]	[mm]	[mm]	[mm]	[mm]		[kg]
SP 400-1	0194108	SP 400-2	0194109	32	150	99	125	50	M8	3.7
SP 400-3	0194110	SP 400-4	0194111	32	205	99	165	50	M8	4.8
SP 400-3	0194110	SP 400-4	0194111	32	240	99	165	50	M8	5.3
SP 400-1	0194108	SP 400-2	0194109	45	150	118	167	50	M8	4.4
SP 400-3	0194110	SP 400-4	0194111	45	205	118	167	50	M8	5.5
SP 400-3	0194110	SP 400-4	0194111	45	205	118	180	50	M8	5.8
SP 400-3	0194110	SP 400-4	0194111	45	240	118	180	50	M8	6.2
SP 500-1	0194112	SP 500-2	0194113	45	310	118	220	50	M8	8.3
SP 400-3	0194110	SP 400-4	0194111	45	205	118	200	50	M8	7.9
SP 400-3	0194110	SP 400-4	0194111	45	240	118	200	50	M8	8.3
SP 500-1	0194112	SP 500-2	0194113	45	310	118	226	50	M8	10.4
SP 630-1	0194114	SP 630-2	0194115	45	374	118	226	50	M8	12