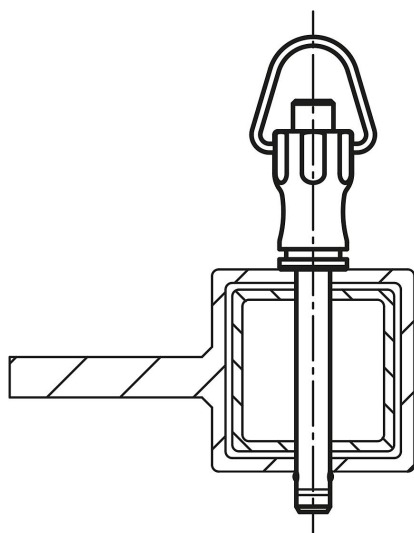


Ball lock pins with high shear strength and stainless steel bracket

Item description/product images



Description

Material:

Grip and push button stainless steel 1.4305.
Pin stainless steel 1.4542.
Balls stainless steel 1.4125.
Spring and hanger stainless steel wire 1.4310.

Version:

Bright.

Note:

Ball lock pins are used for easy fastening or joining of components. The two balls are disengaged by pressing the push button and the pin can be slipped into holes in the workpieces. When the push button is released, the balls lock the connection securely.

Shear force double shear (F) = S · τ aB max.

The values given for the shear force are the theoretical breaking load. These are non-binding reference values without consideration of safety factors and exclude any liability. The values given are for information purposes only and do not constitute a legally binding assurance of properties.

The load values have been calculated in accordance with DIN 50141. Each user must determine individually whether the ball lock pin is suitable for the respective application.

Different materials in which the ball lock pins are used, weather conditions and wear can influence the determined values.

Ball lock pins with high shear strength are identified by a groove marking on the pin.

Benefits:

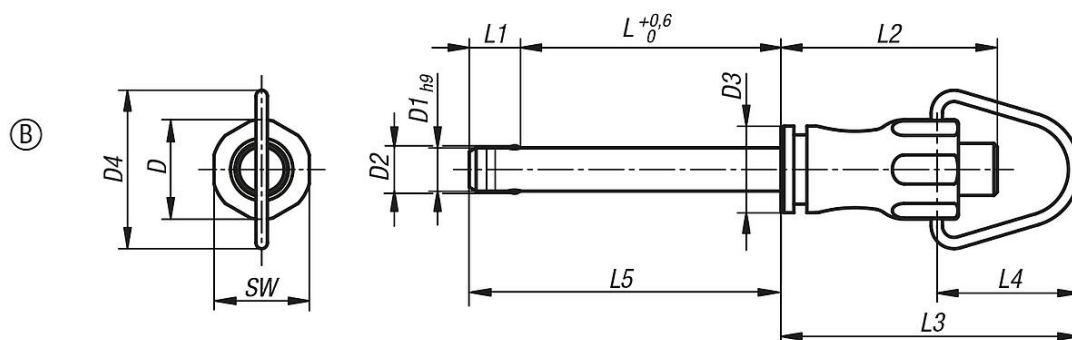
Higher loading in comparison to standard ball lock pins.
The pins made from 1.4542 stainless steel is hardened, has a higher shear resistance and is extremely durable.

Accessory:

Bushings for ball lock pins K0724
Safety spiral cable K0367
Retaining cable with loop K0367
Key ring K0367

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Drawings



Order No.	Style	D	D1	D2	D3	D4	L	L1	L2	L3	L4	L5	SW	Receiving hole H11	Shearing force double shear max.kN
K0790.111205010	B	11,5	5	5,5	10	18,3	10	5,9	25	34,6	16,6	15,9	11	5	24
K0790.111205015	B	11,5	5	5,5	10	18,3	15	5,9	25	34,6	16,6	20,9	11	5	24
K0790.111205020	B	11,5	5	5,5	10	18,3	20	5,9	25	34,6	16,6	25,9	11	5	24
K0790.111205025	B	11,5	5	5,5	10	18,3	25	5,9	25	34,6	16,6	30,9	11	5	24
K0790.111205030	B	11,5	5	5,5	10	18,3	30	5,9	25	34,6	16,6	35,9	11	5	24
K0790.111206010	B	11,5	6	6,85	10	18,3	10	6,8	25	34,6	16,6	16,8	11	6	35
K0790.111206015	B	11,5	6	6,85	10	18,3	15	6,8	25	34,6	16,6	21,8	11	6	35
K0790.111206020	B	11,5	6	6,85	10	18,3	20	6,8	25	34,6	16,6	26,8	11	6	35
K0790.111206025	B	11,5	6	6,85	10	18,3	25	6,8	25	34,6	16,6	31,8	11	6	35
K0790.111206030	B	11,5	6	6,85	10	18,3	30	6,8	25	34,6	16,6	36,8	11	6	35
K0790.111206035	B	11,5	6	6,85	10	18,3	35	6,8	25	34,6	16,6	41,8	11	6	35
K0790.111206040	B	11,5	6	6,85	10	18,3	40	6,8	25	34,6	16,6	46,8	11	6	35
K0790.111206045	B	11,5	6	6,85	10	18,3	45	6,8	25	34,6	16,6	51,8	11	6	35
K0790.111206050	B	11,5	6	6,85	10	18,3	50	6,8	25	34,6	16,6	56,8	11	6	35
K0790.111508020	B	15,5	8	9,5	13,5	24	20	7,8	33	46,7	22,7	27,8	15	8	63
K0790.111508025	B	15,5	8	9,5	13,5	24	25	7,8	33	46,7	22,7	32,8	15	8	63
K0790.111508030	B	15,5	8	9,5	13,5	24	30	7,8	33	46,7	22,7	37,8	15	8	63
K0790.111508035	B	15,5	8	9,5	13,5	24	35	7,8	33	46,7	22,7	42,8	15	8	63
K0790.111508040	B	15,5	8	9,5	13,5	24	40	7,8	33	46,7	22,7	47,8	15	8	63
K0790.111508045	B	15,5	8	9,5	13,5	24	45	7,8	33	46,7	22,7	52,8	15	8	63
K0790.111508050	B	15,5	8	9,5	13,5	24	50	7,8	33	46,7	22,7	57,8	15	8	63
K0790.111510020	B	15,5	10	12	13,5	24	20	8,9	33	46,7	22,7	28,9	15	10	100
K0790.111510025	B	15,5	10	12	13,5	24	25	8,9	33	46,7	22,7	33,9	15	10	100
K0790.111510030	B	15,5	10	12	13,5	24	30	8,9	33	46,7	22,7	38,9	15	10	100
K0790.111510035	B	15,5	10	12	13,5	24	35	8,9	33	46,7	22,7	43,9	15	10	100
K0790.111510040	B	15,5	10	12	13,5	24	40	8,9	33	46,7	22,7	48,9	15	10	100
K0790.111510045	B	15,5	10	12	13,5	24	45	8,9	33	46,7	22,7	53,9	15	10	100
K0790.111510050	B	15,5	10	12	13,5	24	50	8,9	33	46,7	22,7	58,9	15	10	100
K0790.111510060	B	15,5	10	12	13,5	24	60	8,9	33	46,7	22,7	68,9	15	10	100
K0790.112112025	B	22	12	14,5	20	33	25	9,9	39,5	59,3	30,3	34,9	21	12	144
K0790.112112030	B	22	12	14,5	20	33	30	9,9	39,5	59,3	30,3	39,9	21	12	144
K0790.112112035	B	22	12	14,5	20	33	35	9,9	39,5	59,3	30,3	44,9	21	12	144
K0790.112112040	B	22	12	14,5	20	33	40	9,9	39,5	59,3	30,3	49,9	21	12	144
K0790.112112045	B	22	12	14,5	20	33	45	9,9	39,5	59,3	30,3	54,9	21	12	144
K0790.112112050	B	22	12	14,5	20	33	50	9,9	39,5	59,3	30,3	59,9	21	12	144
K0790.112112060	B	22	12	14,5	20	33	60	9,9	39,5	59,3	30,3	69,9	21	12	144
K0790.112112070	B	22	12	14,5	20	33	70	9,9	39,5	59,3	30,3	79,9	21	12	144
K0790.112112080	B	22	12	14,5	20	33	80	9,9	39,5	59,3	30,3	89,9	21	12	144
K0790.112116030	B	22	16	19	20	33	30	13,1	39,5	59,3	30,3	43,1	21	16	257
K0790.112116035	B	22	16	19	20	33	35	13,1	39,5	59,3	30,3	48,1	21	16	257
K0790.112116040	B	22	16	19	20	33	40	13,1	39,5	59,3	30,3	53,1	21	16	257
K0790.112116045	B	22	16	19	20	33	45	13,1	39,5	59,3	30,3	58,1	21	16	257
K0790.112116050	B	22	16	19	20	33	50	13,1	39,5	59,3	30,3	63,1	21	16	257
K0790.112116060	B	22	16	19	20	33	60	13,1	39,5	59,3	30,3	73,1	21	16	257
K0790.112116070	B	22	16	19	20	33	70	13,1	39,5	59,3	30,3	83,1	21	16	257

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Order No.	Style	D	D1	D2	D3	D4	L	L1	L2	L3	L4	L5	SW	Receiving hole H11	Shearing force double shear max.kN
K0790.112116080	B	22	16	19	20	33	80	13,1	39,5	59,3	30,3	93,1	21	16	257