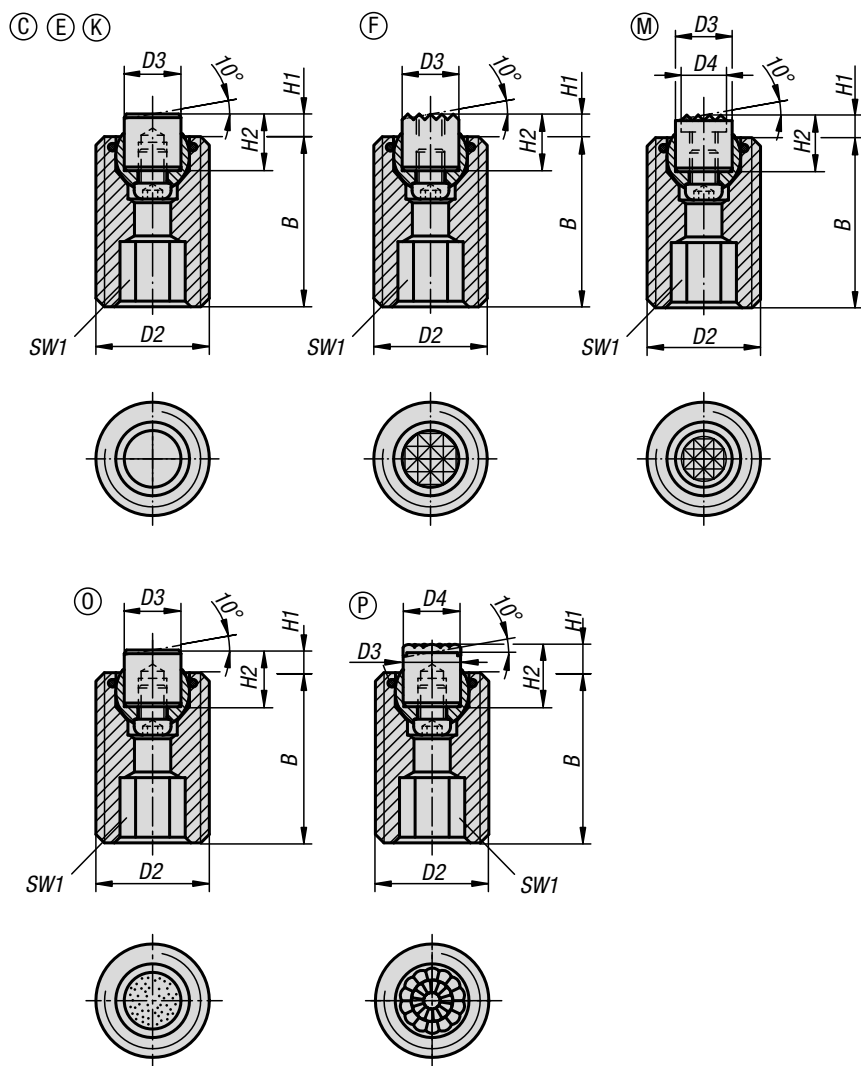


# Self-aligning pads

adjustable, with O-ring, exchangeable inserts and hexagon socket



**Material:**

Body carbon steel.  
Ball rust and acid resistant steel.

**Inserts:**

Form C, F, M tool steel  
Form K POM  
Form E stainless steel.  
Form O stainless steel diamond impregnated.  
Form P stainless steel with polyurethane surface.

**Version:**

Body tempered, black oxidised.  
Ball hardened, bright.  
Inserts:  
Form C, F hardened, black oxidised.  
Form M with carbide serrations, black oxidised.  
Form K white.  
Form E hardened, bright.  
Form O diamond impregnated surface comparable to 100 grade abrasive grit.  
Form P polyurethane surface, hardness 60 Shore.

**Sample order:**

K0291.720X070

**Note:**

Self-aligning pads are used to support and clamp unmachined and machined workpieces. They also serve as stops, supports and thrust pads in fixtures and toolmaking. The ball can be removed from the housing by applying light pressure to the socket head screw.

Ball secured against rotation.

**Advantages:**

Highly cost-effective as inserts can be exchanged. The built-in O-ring holds the ball in place and keeps dirt and foreign particles out, ensuring uniform movement.

**KIPP Form C, flattened steel insert, smooth**

Order No.	Form	B	D2	D3	H1	H2	SW1	Ball-Ø	Load rating max. kN (static load only)	Order No. steel insert
K0291.120X030	C	30	M20	10	4	10	10	13	37	K0385.10108
K0291.120X050	C	50	M20	10	4	10	10	13	37	K0385.10108
K0291.120X070	C	70	M20	10	4	10	10	13	37	K0385.10108
K0291.124X040	C	40	M24	12	4	10	10	15	55	K0385.12108
K0291.124X080	C	80	M24	12	4	10	10	15	55	K0385.12108

### KIPP Form E, flattened stainless steel insert, smooth

Order No.	Form	B	D2	D3	H1	H2	SW1	Ball-Ø	Load rating max. kN (static load only)	Order No. stainless steel insert
K0291.220X030	E	30	M20	10	4	10	10	13	37	K0385.10102
K0291.220X050	E	50	M20	10	4	10	10	13	37	K0385.10102
K0291.220X070	E	70	M20	10	4	10	10	13	37	K0385.10102
K0291.224X040	E	40	M24	12	4	10	10	15	55	K0385.12102
K0291.224X080	E	80	M24	12	4	10	10	15	55	K0385.12102

### KIPP Form F, flattened, diamond grip

Order No.	Form	B	D2	D3	H1	H2	SW1	Ball-Ø	Load rating max. kN (static load only)	Order No. gripper
K0291.320X030	F	30	M20	10	4	10	10	13	37	K0385.1010
K0291.320X050	F	50	M20	10	4	10	10	13	37	K0385.1010
K0291.320X070	F	70	M20	10	4	10	10	13	37	K0385.1010
K0291.324X040	F	40	M24	12	4	10	10	15	55	K0385.1210
K0291.324X080	F	80	M24	12	4	10	10	15	55	K0385.1210

### KIPP Form K, flattened POM insert, smooth

Order No.	Form	B	D2	D3	H1	H2	SW1	Ball-Ø	Load rating max. kN (static load only)	Order No. POM insert
K0291.720X030	K	30	M20	10	4	10	10	13	4	K0385.10109
K0291.720X050	K	50	M20	10	4	10	10	13	4	K0385.10109
K0291.720X070	K	70	M20	10	4	10	10	13	4	K0385.10109
K0291.724X040	K	40	M24	12	4	10	10	15	7	K0385.12109
K0291.724X080	K	80	M24	12	4	10	10	15	7	K0385.12109

### KIPP Form M, flattened, with carbide serrations

Order No.	Form	B	D2	D3	D4	H1	H2	SW1	Ball-Ø	Load rating max. kN (static load only)	Order No. gripper
K0291.920X030	M	30	M20	10	7,9	4	10	10	13	37	K0385.10107
K0291.920X050	M	50	M20	10	7,9	4	10	10	13	37	K0385.10107
K0291.920X070	M	70	M20	10	7,9	4	10	10	13	37	K0385.10107
K0291.924X040	M	40	M24	12	9,5	4	10	10	15	55	K0385.12107
K0291.924X080	M	80	M24	12	9,5	4	10	10	15	55	K0385.12107

### KIPP Form O, stainless-steel insert, diamond impregnated

Order No.	Form	B	D2	D3	H1	H2	SW1	Ball-Ø	Load rating max. kN (static load only)	Order No. stainless steel insert, diamond surface
K0291.520X030	O	30	M20	10	4	10	10	13	37	K0385.10105
K0291.520X050	O	50	M20	10	4	10	10	13	37	K0385.10105
K0291.520X070	O	70	M20	10	4	10	10	13	37	K0385.10105
K0291.524X040	O	40	M24	12	4	10	10	15	55	K0385.12105
K0291.524X080	O	80	M24	12	4	10	10	15	55	K0385.12105

### KIPP Form P, stainless-steel insert with polyurethane face

Order No.	Form	B	D2	D3	D4	H1	H2	SW1	Ball-Ø	Load rating max. kN (static load only)	Order No. stainless steel insert, polyurethane surface
K0291.620X030	P	30	M20	10	10	6	12	10	13	37	K0385.10126
K0291.620X050	P	50	M20	10	10	6	12	10	13	37	K0385.10126
K0291.620X070	P	70	M20	10	10	6	12	10	13	37	K0385.10126
K0291.624X040	P	40	M24	12	13	6	12	10	15	55	K0385.12126
K0291.624X080	P	80	M24	12	13	6	12	10	15	55	K0385.12126