

## Self-aligning pads

with o-ring and exchangeable inserts



**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:**

K0285.736X036

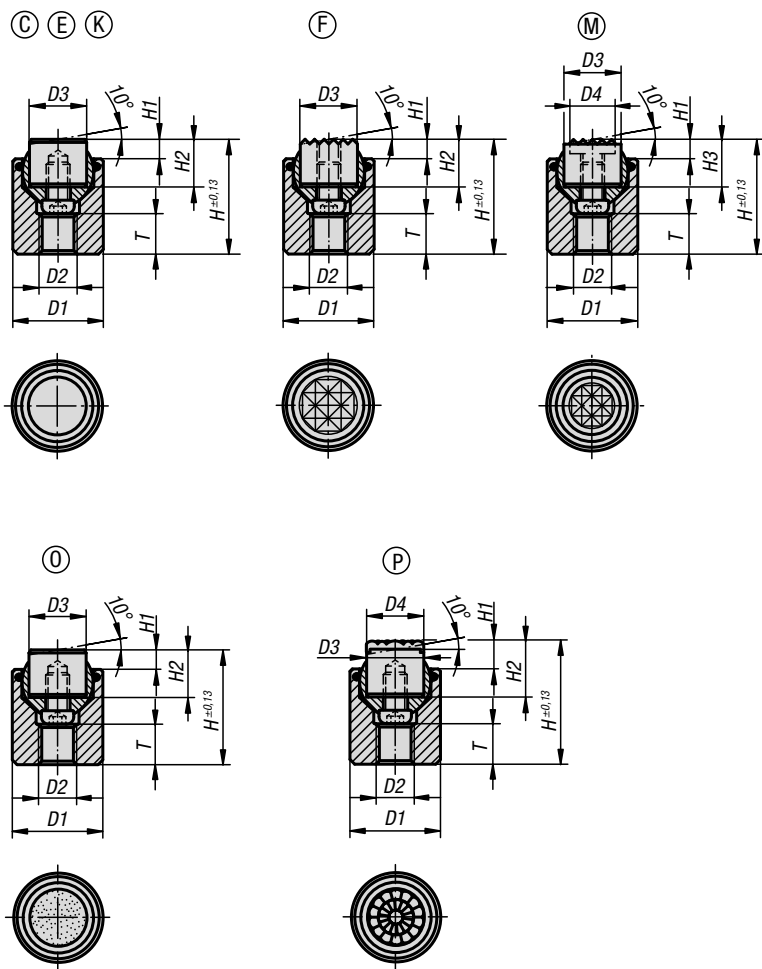
**Note:**

Self-aligning pads are used to support and clamp unmachined and machined workpieces. In addition, they 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 Self-aligning pads with o-ring and exchangeable inserts

Order No.	Form	D1	D2	D3	H	H1	H2	T	Ball-Ø	Load rating max. kN (static load only)	Order No. steel insert
K0285.117X022	C	17	M6	10	22	4	10	7	13	28	K0385.10108
K0285.119X024	C	19	M8	12	24	4	10	8	15	39	K0385.12108
K0285.124X028	C	24	M10	16	28	4	10	8	20	58	K0385.16108
K0285.130X030	C	30	M12	20	30	4	10	9	23	95	K0385.20108
K0285.136X036	C	36	M12	25	36	4	10	11	28	136	K0385.25108

Order No.	Form	D1	D2	D3	H	H1	H2	T	Ball-Ø	Load rating max. kN (static load only)	Order No. stainless steel insert
K0285.217X022	E	17	M6	10	22	4	10	7	13	28	K0385.10102
K0285.219X024	E	19	M8	12	24	4	10	8	15	39	K0385.12102
K0285.224X028	E	24	M10	16	28	4	10	8	20	58	K0385.16102
K0285.230X030	E	30	M12	20	30	4	10	9	23	95	K0385.20102
K0285.236X036	E	36	M12	25	36	4	10	11	28	136	K0385.25102

Order No.	Form	D1	D2	D3	H	H1	H2	T	Ball-Ø	Load rating max. kN (static load only)	Order No. gripper
K0285.317X022	F	17	M6	10	22	4	10	7	13	28	K0385.1010
K0285.319X024	F	19	M8	12	24	4	10	8	15	39	K0385.1210
K0285.324X028	F	24	M10	16	28	4	10	8	20	58	K0385.1610
K0285.330X030	F	30	M12	20	30	4	10	9	23	95	K0385.2010
K0285.336X036	F	36	M12	25	36	4	10	11	28	136	K0385.2510

Order No.	Form	D1	D2	D3	H	H1	H2	T	Ball-Ø	Load rating max. kN (static load only)	Order No. POM insert
K0285.717X022	K	17	M6	10	22	4	10	7	13	4	K0385.10109
K0285.719X024	K	19	M8	12	24	4	10	8	15	7	K0385.12109
K0285.724X028	K	24	M10	16	28	4	10	8	20	14	K0385.16109
K0285.730X030	K	30	M12	20	30	4	10	9	23	27	K0385.20109
K0285.736X036	K	36	M12	25	36	4	10	11	28	47	K0385.25109

Order No.	Form	D1	D2	D3	D4	H	H1	H2	T	Ball-Ø	Load rating max. kN (static load only)	Order No. gripper
K0285.917X022	M	17	M6	10	7,9	22	4	10	7	13	28	K0385.10107
K0285.919X024	M	19	M8	12	9,5	24	4	10	8	15	39	K0385.12107
K0285.924X028	M	24	M10	16	12,7	28	4	10	8	20	58	K0385.16107
K0285.930X030	M	30	M12	20	15,9	30	4	10	9	23	95	K0385.20107
K0285.936X036	M	36	M12	25	19	36	4	10	11	28	136	K0385.25107

Order No.	Form	D1	D2	D3	H	H1	H2	T	Ball-Ø	Load rating max. kN (static load only)	Order No. stainless steel insert, diamond surface
K0285.517X022	O	17	M6	10	22	4	10	7	13	28	K0385.10105
K0285.519X024	O	19	M8	12	24	4	10	8	15	39	K0385.12105
K0285.524X028	O	24	M10	16	28	4	10	8	20	58	K0385.16105
K0285.530X030	O	30	M12	20	30	4	10	9	23	95	K0385.20105
K0285.536X036	O	36	M12	25	36	4	10	11	28	136	K0385.25105

Order No.	Form	D1	D2	D3	D4	H	H1	H2	T	Ball-Ø	Order No. stainless steel insert, polyurethane surface
K0285.617X024	P	17	M6	10	10	24	6	12	7	13	K0385.10126
K0285.619X026	P	19	M8	12	13	26	6	12	8	15	K0385.12126
K0285.624X030	P	24	M10	16	16	30	6	12	8	20	K0385.16126
K0285.630X032	P	30	M12	20	21	32	6	12	9	23	K0385.20126
K0285.636X038	P	36	M12	25	27	38	6	12	11	28	K0385.25126