

Self-aligning pads adjustable, with O-ring, exchangeable inserts and hexagon socket

Item description/product images



Description

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.

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.

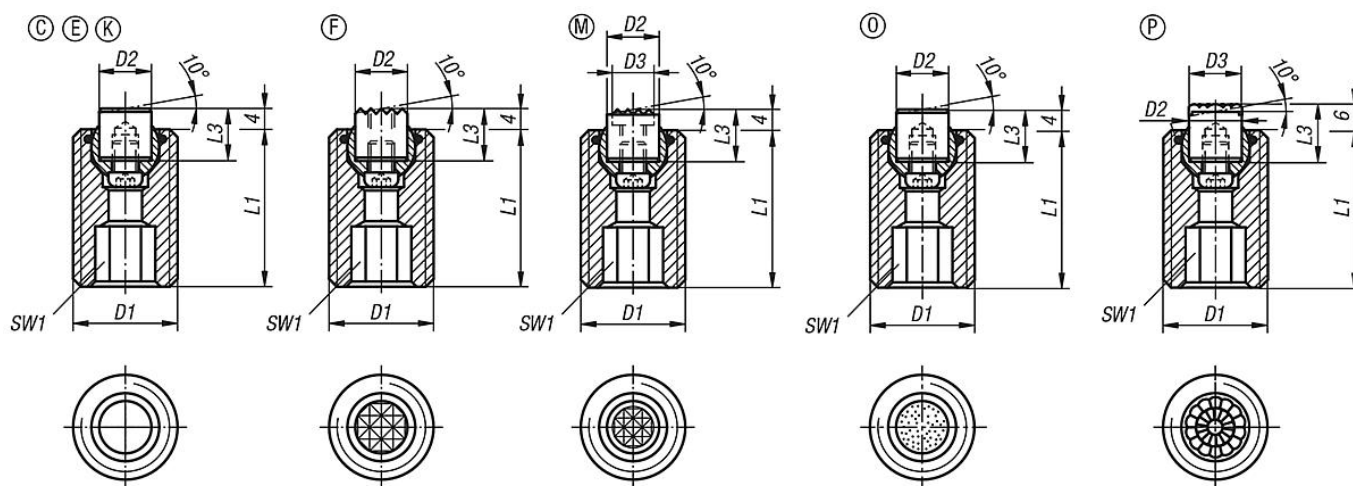
Ball secured against rotation.

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.

Drawings



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Overview of items

Order No.	Form	D1	D2	L1	L3	SW1	Ball Ø	Load rating max. kN (static load only)	Order No. steel insert	
K0291.120X030	C	M20	10	30	10	10	13	37	K0385.10108	
K0291.120X050	C	M20	10	50	10	10	13	37	K0385.10108	
K0291.120X070	C	M20	10	70	10	10	13	37	K0385.10108	
K0291.124X040	C	M24	12	40	10	10	15	55	K0385.12108	
K0291.124X080	C	M24	12	80	10	10	15	55	K0385.12108	
Order No.	Form	D1	D2	L1	L3	SW1	Ball Ø	Load rating max. kN (static load only)	Order No. gripper	
K0291.320X030	F	M20	10	30	10	10	13	37	K0385.10110	
K0291.320X050	F	M20	10	50	10	10	13	37	K0385.10110	
K0291.320X070	F	M20	10	70	10	10	13	37	K0385.10110	
K0291.324X040	F	M24	12	40	10	10	15	55	K0385.12110	
K0291.324X080	F	M24	12	80	10	10	15	55	K0385.12110	
Order No.	Form	D1	D2	L1	L3	SW1	Ball Ø	Load rating max. kN (static load only)	Order No. POM insert	
K0291.720X030	K	M20	10	30	10	10	13	4	K0385.10109	
K0291.720X050	K	M20	10	50	10	10	13	4	K0385.10109	
K0291.720X070	K	M20	10	70	10	10	13	4	K0385.10109	
K0291.724X040	K	M24	12	40	10	10	15	7	K0385.12109	
K0291.724X080	K	M24	12	80	10	10	15	7	K0385.12109	
Order No.	Form	D1	D2	D3	L1	L3	SW1	Ball Ø	Load rating max. kN (static load only)	Order No. gripper
K0291.920X030	M	M20	10	7,9	30	10	10	13	37	K0385.10107
K0291.920X050	M	M20	10	7,9	50	10	10	13	37	K0385.10107
K0291.920X070	M</									