



Product Application

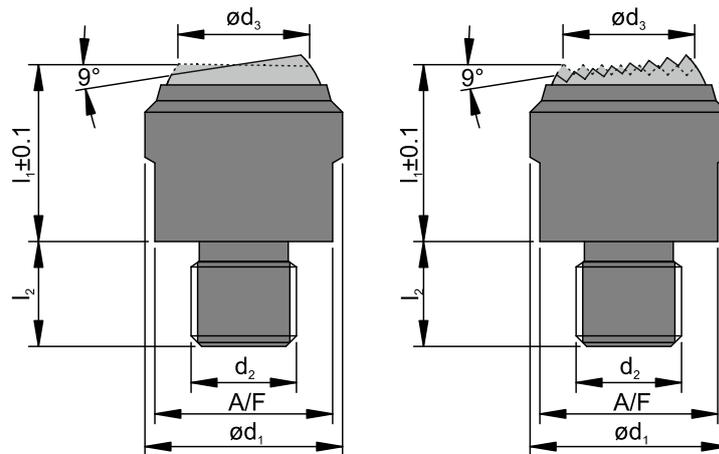
Self-aligning pads are suitable for clamping irregular surface work piece or as a support element for contoured or non-parallel surface.

Material

- Ball – Bearing steel, Hardened, Bright
- Body – Alloy steel, Tempered, Blackened

Note

- Ball surface – Ribbed, Flat
- Ball is secured against rotation and limited to an angular movement of 9° only.



Flat Surface Ball

Part No.	d ₁	d ₂	d ₃	l ₁	l ₂	Ball	A/F
BU30100-M08200	20	M8	10.5	18.5	10	16	17
BU30100-M10200	20	M10	10.5	18.5	10	16	17
BU30100-M12200	20	M12	10.5	18.5	12	16	17
BU30100-M16270	27	M16	16	22	16	20	24
BU30100-M16300	30	M16	20	28	16	25	27
BU30100-M20500	50	M20	34.5	36	20	40	41
BU30100-M24500	50	M24	34.5	36	24	40	41

Ribbed Surface Ball

Part No.	d ₁	d ₂	d ₃	l ₁	l ₂	Ball	A/F
BU30100-M08201	20	M8	10.5	18.5	10	16	17
BU30100-M10201	20	M10	10.5	18.5	10	16	17
BU30100-M12201	20	M12	10.5	18.5	12	16	17
BU30100-M16271	27	M16	16	22	16	20	24
BU30100-M16301	30	M16	20	28	16	25	27
BU30100-M20501	50	M20	34.5	36	20	40	41
BU30100-M24501	50	M24	34.5	36	24	40	41

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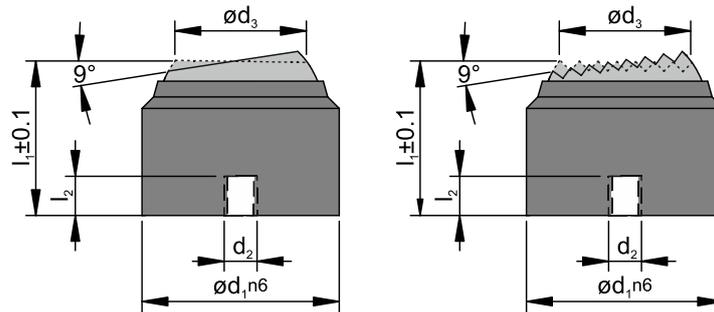
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Material

- Ball – Bearing steel, Hardened, Bright
- Body – Alloy steel, Tempered, Blackened

Note

- Ball surface – Ribbed, Flat
- Ball is secured against rotation and limited to an angular movement of 9° only.

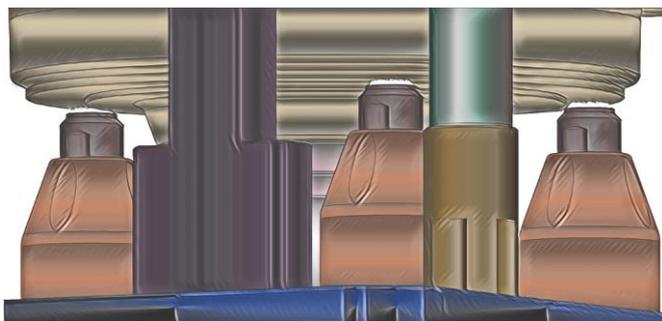


Flat Surface Ball

Part No.	d ₁	d ₂	d ₃	l ₁	l ₂ max.	ball	Locating hole (øxdepth)
BU30110-M4200	20n6	M4	10.5	18	4	16	20H7 x 8min.
BU30110-M4250	25n6	M4	16	21	5	20	25H7 x 10min.
BU30110-M5300	30n6	M5	20	26	5.5	25	30H7 x 13min.

Ribbed Surface Ball

Part No.	d ₁	d ₂	d ₃	l ₁	l ₂ max.	ball	Locating hole (øxdepth)
BU30110-M4201	20n6	M4	10.5	18	4	16	20H7 x 8min.
BU30110-M4251	25n6	M4	16	21	5	20	25H7 x 10min.
BU30110-M5301	30n6	M5	20	26	5.5	25	30H7 x 13min.



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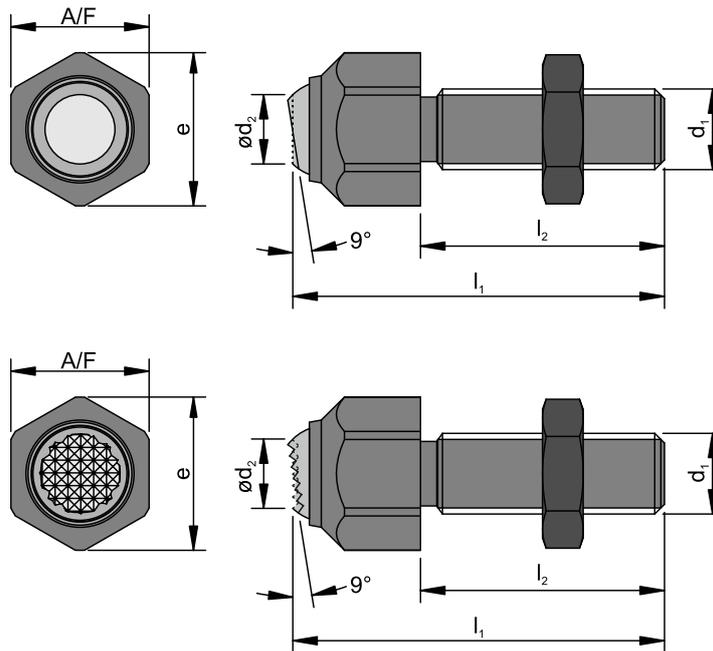
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Material

- Ball – Bearing steel, Hardened, Bright
- Body – Alloy steel, Tempered, Blackened
- Nut – Standard, Steel, Blackened

Note

- Ball surface – Ribbed, Flat
- Ball is secured against rotation and limited to an angular movement of 9° only.



Flat Surface Ball

Part No.	d ₁	d ₂	l ₁	l ₂	ball	A/F	e
BU30120-M16240	M16	10.5	61	40	16	24	27
BU30120-M16270	M16	16	61	40	20	27	30
BU30120-M20300	M20	20	77	50	25	30	33
BU30120-M24360	M24	20	100	70	25	36	40
BU30120-M30460	M30	34.5	100	65	40	46	51

Ribbed Surface Ball

Part No.	d ₁	d ₂	l ₁	l ₂	ball	A/F	e
BU30120-M16241	M16	10.5	61	40	16	24	27
BU30120-M16271	M16	16	61	40	20	27	29
BU30120-M20301	M20	20	77	50	25	30	33
BU30120-M24361	M24	20	100	70	25	36	40
BU30120-M30461	M30	34.5	100	65	40	46	51

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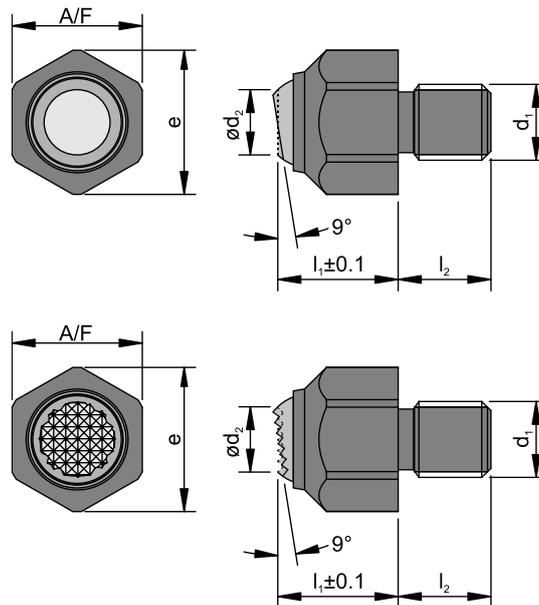
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Material

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- Body – Alloy steel, Tempered, Blackened

Note

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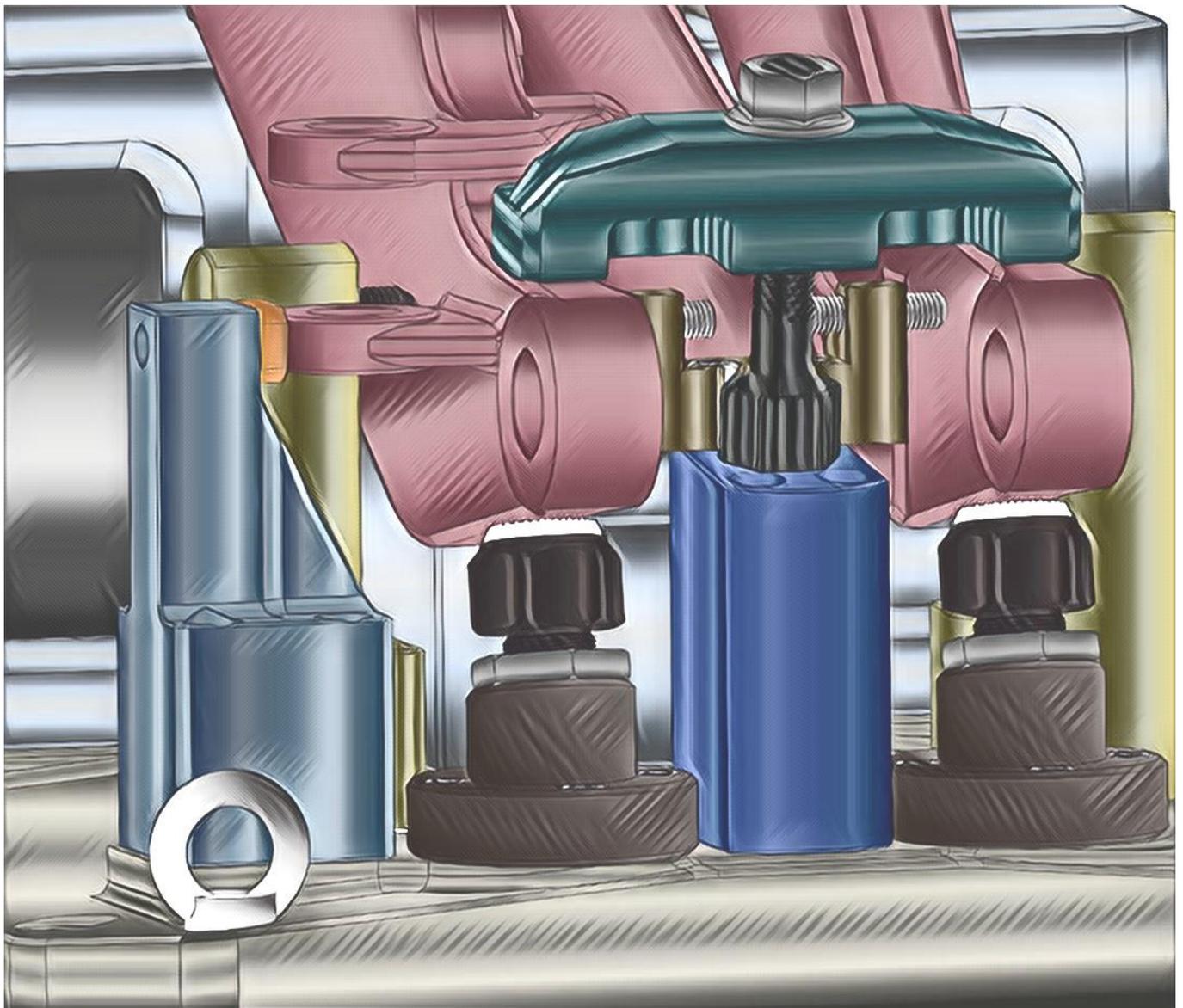
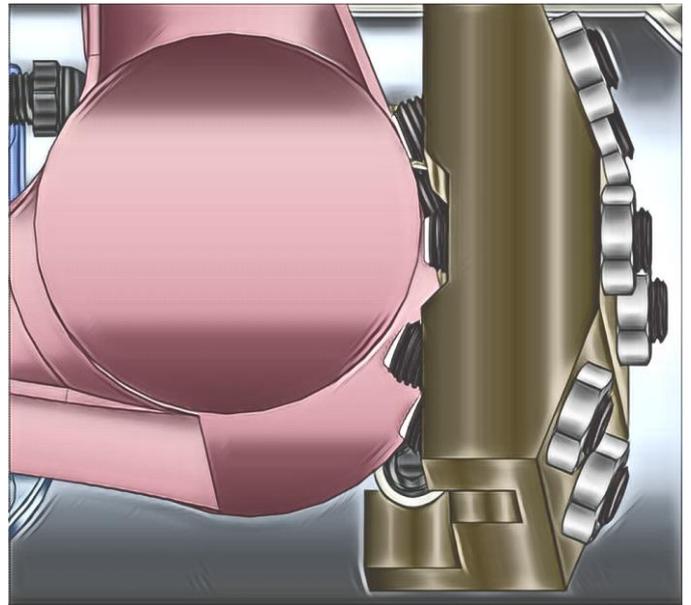
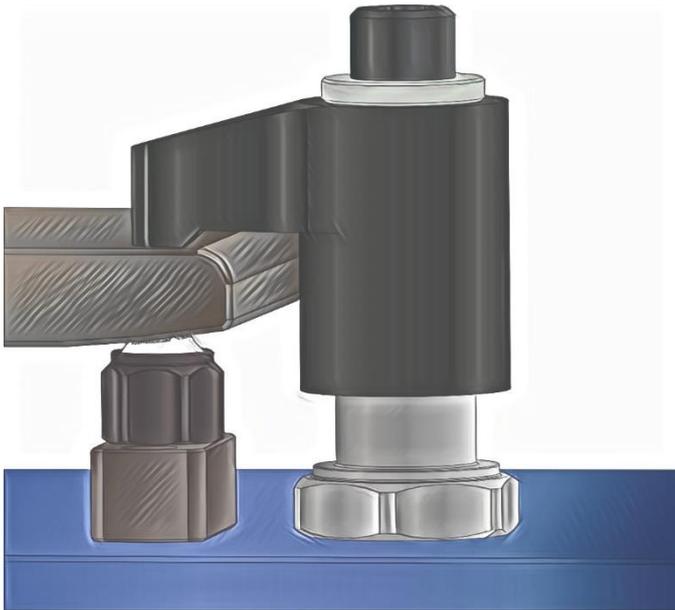


Flat Surface Ball

Part No.	d ₁	d ₂	l ₁	l ₂	ball	A/F	e
BU30130-M08190	M8	10.5	18.5	10	16	19	21
BU30130-M10190	M10	10.5	18.5	10	16	19	21
BU30130-M12190	M12	10.5	18.5	12	16	19	21
BU30130-M16270	M16	16	22	16	20	27	30
BU30130-M16300	M16	20	28	16	25	30	33

Ribbed Surface Ball

Part No.	d ₁	d ₂	l ₁	l ₂	ball	A/F	e
BU30130-M08191	M8	10.5	18.5	10	16	19	21
BU30130-M10191	M10	10.5	18.5	10	16	19	21
BU30130-M12191	M12	10.5	18.5	12	16	19	21
BU30130-M16271	M16	16	22	16	20	27	30
BU30130-M16301	M16	20	28	16	25	30	33



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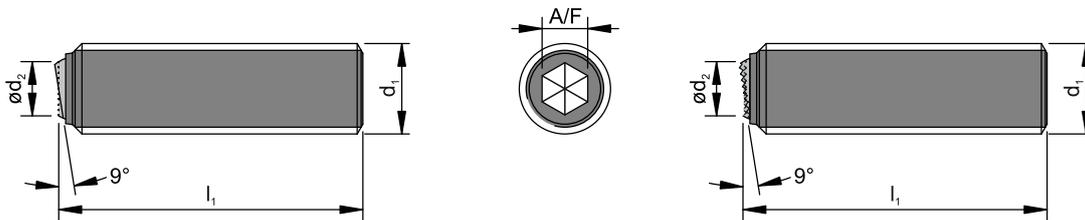
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- Body – Alloy steel, Tempered, Blackened

Note

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Flat Surface Ball Self Aligning Pad

Part No.	d_1	d_2	l_1	ball	A/F
BU30140-M20300	M20	13.5	30	15	10
BU30140-M20400	M20	13.5	40	15	10
BU30140-M20500	M20	13.5	50	15	10
BU30140-M20600	M20	13.5	60	15	10
BU30140-M24350	M24	15.8	35	18	12
BU30140-M24500	M24	15.8	50	18	12
BU30140-M24800	M24	15.8	80	18	12

Ribbed Surface Ball Self Aligning Pad

Part No.	d_1	d_2	l_1	ball	A/F
BU30140-M20301	M20	13.5	30	15	10
BU30140-M20401	M20	13.5	40	15	10
BU30140-M20501	M20	13.5	50	15	10
BU30140-M20601	M20	13.5	60	15	10
BU30140-M24351	M24	15.8	35	18	12
BU30140-M24501	M24	15.8	50	18	12
BU30140-M24801	M24	15.8	80	18	12

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