

Adjustable handles, zinc, with external thread and clamping force intensifier, satin finish, threaded insert black oxidized steel

Item description/product images



Description

Product description:

By using adjustable handles with integrated clamping force intensifier, the clamping force can be increased by up to 75% compared to standard adjustable handles.

Furthermore, this product can also be used by persons with limited hand strength (e.g. in rehabilitation) to achieve comparable clamping forces with less effort. Less effort is also needed to loosen the adjustable handle.

The increase in clamping force is achieved by the integral needle roller thrust bearing, which generates very low surface friction on a rigid contact surface during clamping. The hardened thrust washers are designed for high clamping forces and the bearing with its high load rating guarantees a long service life.

The clamped component is permanently protected by the large, stationary contact surface. A washer is no longer required.

Due to the modular construction many special designs are available.

Material:

Handle die-cast zinc DIN EN 12844.

Steel parts grade 5.8.

Version:

Handle powder-coated.

Steel parts black oxidized.

Axial needle bearing with hardened and ground thrust washer.

Type of operation:

In the default position, the handle is engaged with the threaded insert through a toothed ring. By lifting the handle, it can be repositioned and re-engaged in the toothed ring by spring force.

Application:

Machine, equipment and plant construction, rehabilitation sector.

Benefits:

Significant increase of the clamping force with the same tightening torque.

High quality axial needle bearing with high load rating and long service life.

The component surface is protected by the stationary lower ring.

On request:

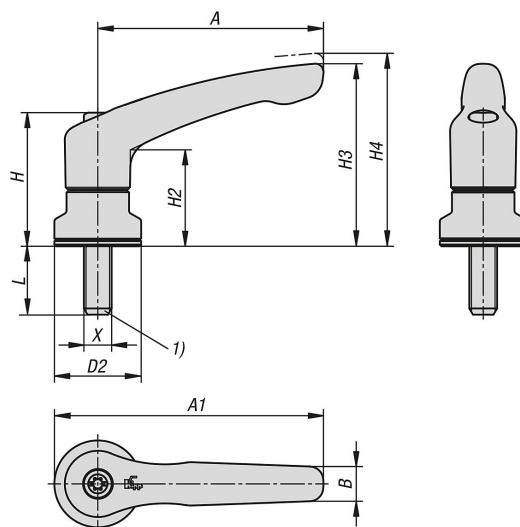
Other colors and thread lengths.

Drawing reference:

1) flat point DIN EN ISO 4753

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Drawings



Order No.	Main color	Surface finish body	X	D2	H	H2	H3	H4	A	A1	B	L
K1599.2081X10	jet black RAL 9005	satin finish	M8	25	38,5	27,7	52,6	55,6	65	77,5	10	10
K1599.2081X20	jet black RAL 9005	satin finish	M8	25	38,5	27,7	52,6	55,6	65	77,5	10	20
K1599.2081X30	jet black RAL 9005	satin finish	M8	25	38,5	27,7	52,6	55,6	65	77,5	10	30
K1599.2081X40	jet black RAL 9005	satin finish	M8	25	38,5	27,7	52,6	55,6	65	77,5	10	40
K1599.3101X15	jet black RAL 9005	satin finish	M10	30	47	33,9	64,4	68,6	80	95	11,2	15
K1599.3101X30	jet black RAL 9005	satin finish	M10	30	47	33,9	64,4	68,6	80	95	11,2	30
K1599.3101X40	jet black RAL 9005	satin finish	M10	30	47	33,9	64,4	68,6	80	95	11,2	40
K1599.3101X50	jet black RAL 9005	satin finish	M10	30	47	33,9	64,4	68,6	80	95	11,2	50
K1599.4101X20	jet black RAL 9005	satin finish	M10	30	53,1	37,2	72,8	77,3	95	110	13,2	20
K1599.4101X30	jet black RAL 9005	satin finish	M10	30	53,1	37,2	72,8	77,3	95	110	13,2	30
K1599.4101X40	jet black RAL 9005	satin finish	M10	30	53,1	37,2	72,8	77,3	95	110	13,2	40
K1599.4101X50	jet black RAL 9005	satin finish	M10	30	53,1	37,2	72,8	77,3	95	110	13,2	50
K1599.5121X20	jet black RAL 9005	satin finish	M12	35	59,1	41,9	83	87,5	110	127,5	15,4	20
K1599.5121X30	jet black RAL 9005	satin finish	M12	35	59,1	41,9	83	87,5	110	127,5	15,4	30
K1599.5121X40	jet black RAL 9005	satin finish	M12	35	59,1	41,9	83	87,5	110	127,5	15,4	40
K1599.5121X50	jet black RAL 9005	satin finish	M12	35	59,1	41,9	83	87,5	110	127,5	15,4	50