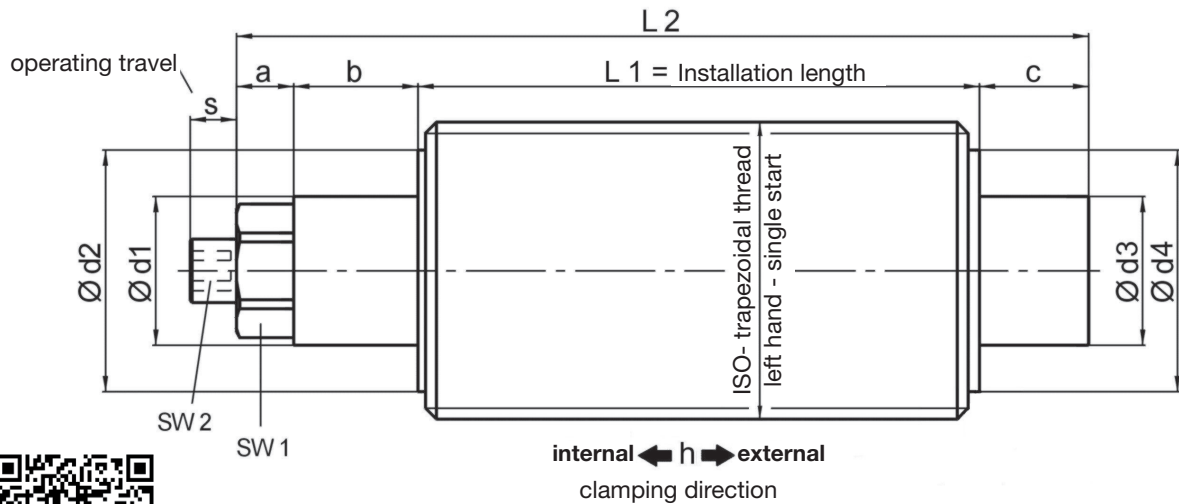


Mechanical Power Clamping Screws | Series MSP/MSPD

Series MSP - Mechanical Power Clamping Screw for clamping direction “external”

Series MSPD - Mechanical Power Clamping Screw for clamping directions “internal and external”



update version

material:

heat treated steel - nitro carburized

Technical data and dimensions [mm]: length dimensions according to DIN ISO 2768 mH

MSP/MSPD	Size	50	65	80	100	120	160	200
ISO-trapezoidal thread	TR-left	50x3	65x4	80x5	100x6	120x6	160x8	200x10
nominal clamping force [kN]	external	100	150	200	250	300	400	500
	internal	70	100	140	180	220	300	400
nominal actuation torque [Nm]		60	70	100	130	160	160	180
max. static load [kN]		150	250	300	400	600	800	1200
stroke h [mm]		2	2,5	3	3	3	3	3
operating travel s [mm]		7,5	15	17	17	17	25	27
hexagon	external SW 1	27	41	46	50	55	65	85
	internal SW 2	10	12	14	14	17	17	17
a		20	20	20	25	25	30	40
b / c		30	35	40	50	60	70	80
Ø d1/d3 f7		30	45/40	50	60	65	80	100
Ø d2/d4		40	55/52	68	85	95	130	160
MSPD - L1 min.		150	170	230	250	280	330	360
MSPD - L2 min.		230	260	330	375	425	500	560
MSP - L1 min.		140	150	210	220	250	290	320
MSP - L2 min.		220	240	310	345	395	460	520

Note: // special thread sizes or customized dimensions are possible upon request

// sizes 120 / 160 / 200 are also available with more powerful clamping force amplifier

Ordering example: MSPD 100 - TR 100 x 6 - LH - L1 = 300 mm