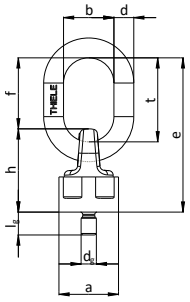
Lifting Points, Screw-Type





TWN 1830 X-TREME Lifting Points

The screw-type X-TREME lifting points with ball-bearing TWN 1830 are predominantly used in mold- and tool-making. The ball-bearing allows the load to be rotated and turned under load.
The intermediate link allows easy assembling to other components.
The manufacturing and testing requirements are based on the DIN EN 1677-1.

SAFETY 4 : 1 | DGUV ZERT | CE | 360° | > 180°

Screw Size d_g [mm]	Article-No.	Working Load Limit [t]			Thread Length l_g [mm]	Dimensions [mm]								Weight app. [kgs]
		vertical $\beta_1 = \pm 5°$ Y	extreme $5° < \beta_1 \leq 45°$ Z	folded $5° < \beta_2 \leq 105°$ X		e	f	b	t	d	h	SW	a	
M10	F34306	0,90	0,45	0,60	15	101	47	33	55	13	55	36	39	0,48
M12	F34307	1,20	0,60	0,70	18	101	47	33	55	13	55	36	39	0,49
M16	F34300	2,80	1,40	1,70	20	101	47	33	55	13	55	36	39	0,50
M20	F34310	5,30	2,50	2,80	25	121	59	34	70	16	63	46	50	0,94
M20	F34312	5,30	2,50	2,80	50	121	59	34	70	16	63	46	50	1,02
M24	F34320	7,00	3,50	4,00	30	148	72	40	85	18	76	50	57	1,50
M24	F34321	7,00	3,50	4,00	90	148	72	40	85	18	76	50	57	1,68
M30	F34330	10,00	5,30	6,30	40	171	83	50	100	22	88	65	73	2,72
M36	F34340	15,00	8,00	9,5 [3] | 10,00 [4]	50	179	81	50	100	22	98	70	83	3,57
M36	F34341	15,00	8,00	9,5 [3] | 10,00 [4]	63	179	81	50	100	22	98	70	83	3,67
M36	F34343	15,00	8,00	9,5 [3] | 10,00 [4]	70	179	81	50	100	22	98	70	83	3,80
M42	F34350	18,00	10,00	12,50	60	244	116	70	140	32	128	95	106	8,30
M45	F34353	20,00	12,50	15,00	65	244	116	70	140	32	128	95	106	8,45
M48	F34355	20,00	12,50	16,00	68	244	116	70	140	32	128	95	106	8,60
M52 NEW	F34361	20,00	12,50	16,00	78	244	116	70	140	32	128	95	106	9,90
M56	F34360	28,00	17,00	22,00	78	251	116	70	140	32	135	95	116	10,08
M64	F34363	28,00	17,00	22,00 [3] | 25,00 [4]	96	251	116	70	140	32	135	95	116	11,38
M72 NEW	F34380	50,00	31,50	40,00	108	379	177	110	220	45	202	145	170	31,42
M80 NEW	F34383	50,00	35,00	48,00	120	379	177	110	220	45	202	145	170	32,67
M90 NEW	F34385	50,00	40,00	50,00	135	379	177	110	220	45	202	145	170	34,64
M100 NEW	F34388	50,00	40,00	50,00	150	379	177	110	220	45	202	145	170	37,10

Variable screw lengths available up to 5 x d standard screw lengths for thread diameters M20, M24, M30 and M36.
[3] up to manufacturing date "1220" (December 2020)
[4] from manufacturing date "0121" (January 2021)

vertical
$\beta_1 = \pm 5°$
Y



folded
$5° < \beta_2 \leq 105°$
X



extreme
$5° < \beta_1 \leq 45°$
Z

