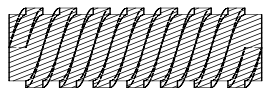


### Technical data

Thread	Hand of rotation		Effective supporting surface [mm²]	Max. stat. axial F [N] iglidur®					
	right	left		J	W300	J350	R	A180	J200
Tr06x2P1	●	–	130	441	551	1,124	936	386	–
Tr10x4P2	●	–	353	1,202	1,502	1,051	3,064	2,552	–
Tr12x6P3	●	●	577	1,963	2,453	5,005	4,171	1,717	–
Tr16x8P4	●	●	770	2,617	3,271	6,673	5,561	2,290	1,540
Tr18x8P4	●	–	880	2,991	3,738	7,627	6,355	2,617	1,760
Tr20x8P4	●	–	1,244	4,230	5,287	10,786	8,988	3,701	2,488

**i** Definition: Multi start trapezoidal lead screw  
Example 8P4 pitch



P4 pitch: Distance to the next thread pitch 4mm  
Pitch 8: Pitch 8mm

### Order key

Type d2 b1 Thread

F R M-28 35 TR 12X6P3

igidur® material	Form F	Hand of rotation	Metric	Outer Ø [mm]	Length [mm]	Thread type	Diameter [mm]	Pitch
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Options:  
Hand of rotation  
R: Right-hand thread  
L: Left-hand thread

- J** High efficiency at all speeds
- W(300)** Extremely strong and wear-resistant
- J350** For temperatures up to +150°C
- R** The cost-effective option for high volume
- A180** FDA-compliant for the food and pharmaceutical industries
- J200** The specialist on hard anodised aluminium

### Dimensions [mm]

d1 <sup>156)</sup>	d2 <sup>156)</sup>	d3	d4	d5	b1 <sup>156)</sup>	b2	Weight [g] iglidur®						Part No.
							J	W300	J350	R	A180	J200	
6	13	25	19	3.2	15	5	5.0	4.2	4.8	4.7	4.9	–	◻FRM-1315TR06X2P1
10	25	42	34	5	25	10	25.6	21.3	25.1	24.8	23.9	–	◻FRM-2525TR10X4P2
12	28	48	38	6	35	12	47.6	39.6	46.0	44.4	46.6	–	◻FRM-2835TR12X6P3
16	28	48	38	6	35	12	43.0	35.8	41.5	40.1	42.1	50	◻FRM-2835TR16X8P4
18	28	48	38	6	35	12	40.2	33.4	38.8	37.5	39.4	48	◻FRM-2835TR18X8P4
20	32	55	45	7	44	12	60.2	50.1	58.2	56.2	59.0	73	◻FRM-3244TR20X8P4

<sup>156)</sup> Tolerances according to DIN ISO 2768-1, tolerance class m (medium)