

Order key

Type d2 b1 Thread

S R M-28 35 TR 12X6P3

igidur® material	Form S
	Hand of rotation
	Metric
	Outer Ø [mm]
	Length [mm]
	Thread type
	Diameter [mm]
	Pitch

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
E7	For high speeds

Technical data

Thread	Hand of rotation		Effective supporting surface [mm²]	Max. stat. axial F [N] iglidur®					
	right	left		J	W300	J350	R	A180	E7
Tr06x2P1	●	–	112	200 ⁴³⁾	200 ⁴³⁾	200 ⁴³⁾	200 ⁴³⁾	200 ⁴³⁾	56
Tr10x4P2	●	●	396	1,346	1,682	1,009	673	1,178	–
Tr12x6P3	●	●	396	1,346	1,682	1,009	673	1,178	–
Tr16x8P4	●	●	528	1,794	2,243	1,346	897	1,570	–
Tr16x8P4	●	●	704	2,393	2,991	1,794	1,196	2,094	–
Tr18x8P4	●	–	804	2,734	3,418	2,051	1,367	2,393	–
Tr20x8P4	●	–	1,131	3,845	4,807	2,884	1,923	3,365	–

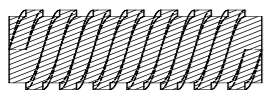
⁴³⁾ Reduced axial load due to nut geometry

Dimensions [mm]

d1 ¹⁵⁶⁾	d2 ¹⁵⁶⁾	b1 ¹⁵⁶⁾	Weight [g] iglidur®						Part No.
			J	W300	J350	R	A180	E7	
6	14	13	2.4	2.5	2.4	2.3	2.4	2.4	<input type="checkbox"/> SRM-1413TR06X2P1
12	26	24	14.9	12.4	14.4	13.9	14.6	–	<input type="checkbox"/> S <input type="checkbox"/> M-2624TR10X4P2
12	30	24	21.2	17.7	20.5	19.8	20.8	–	<input type="checkbox"/> S <input type="checkbox"/> M-3024TR12X6P3
16	30	24	18.1	15.1	17.5	16.9	17.7	–	<input type="checkbox"/> S <input type="checkbox"/> M-3024TR16X8P4
16	36	32	38.9	32.4	37.6	36.3	38.2	–	<input type="checkbox"/> S <input type="checkbox"/> M-3632TR16X8P4
18	40	36	53.8	44.7	52.0	50.1	52.7	–	<input type="checkbox"/> SRM-4036TR18X8P4
20	45	40	76.1	63.3	73.5	71.0	74.5	–	<input type="checkbox"/> SRM-4540TR20X8P4

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

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



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