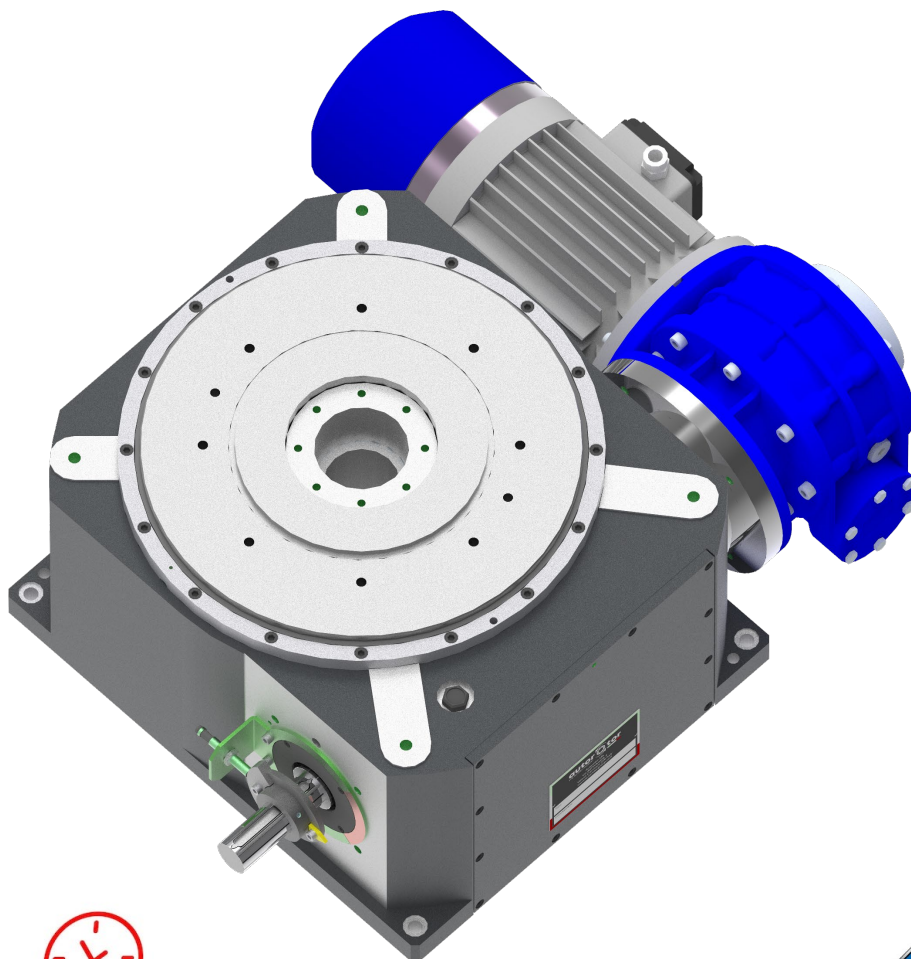




ROTARY TABLES

STANDARD CONFIGURATION



ROTARY TABLES STANDARD CONFIGURATION

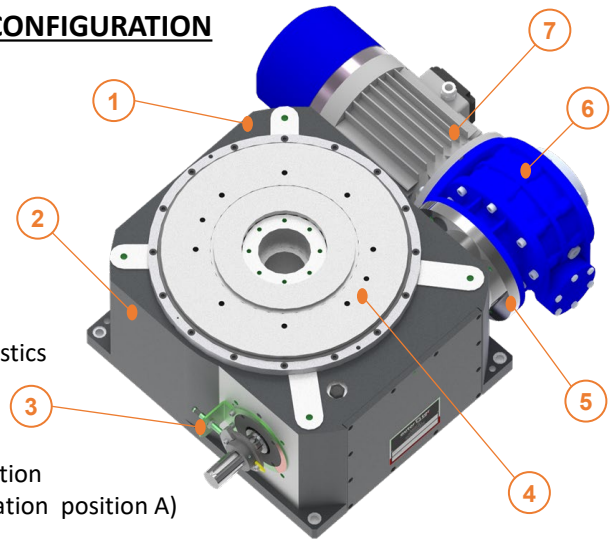
1. Standard cast iron
2. Standard color RAL7016
- 3.1 Inductive sensor + 1 support + 1 set point cam
4. Rotary disc with std holes, as per our catalog
5. Standard reducer joining flange
6. STM reducer + torque limiter
7. Self-braking electrical motor (400V- 50Hz- 3 phases- 4 poles)

Note: Any other requests, not included in the indicated characteristics will be handled at different costs and delivery times

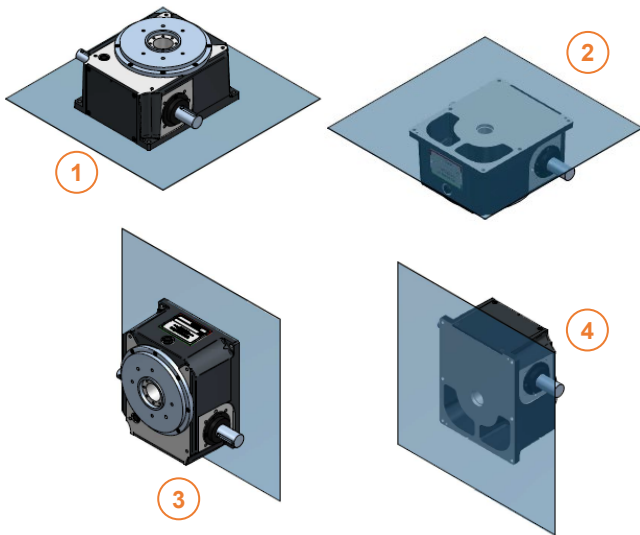
Order code composition :

Item + table operating position + power drive unit assembling position

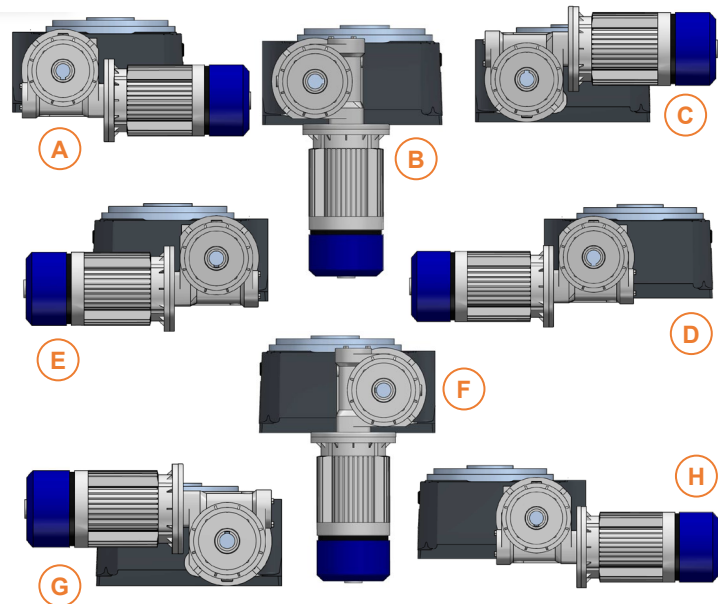
Example : **20414 – 1 - A** (T55-002-300° , table position 1, motorization position A)



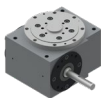
AVAILABLE TABLE OPERATING POSITION



AVAILABLE POWER DRIVE UNIT ASSEMBLING POSITION

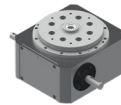


GENERAL FEATURES



T07

REPEATABILITY STD : ± 0.015 mm
 AXIAL LOAD : **3.000 N**
 RADIAL LOAD: **3.000 N**
 OVERTURNING TORQUE: **40 Nm**



T10

REPEATABILITY STD : ± 0.015 mm
 AXIAL LOAD : **6.500 N**
 RADIAL LOAD: **5.800 N**
 OVERTURNING TORQUE: **180 Nm**



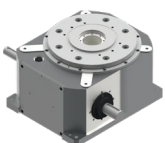
T15

REPEATABILITY STD : ± 0.015 mm
 AXIAL LOAD : **11.000 N**
 RADIAL LOAD: **11.000 N**
 OVERTURNING TORQUE: **300 Nm**



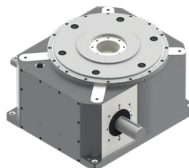
T25

REPEATABILITY STD : ± 0.015 mm
 AXIAL LOAD : **18.000 N**
 RADIAL LOAD: **18.000 N**
 OVERTURNING TORQUE: **680 Nm**



T35

REPEATABILITY STD : ± 0.015 mm
 AXIAL LOAD : **30.000 N**
 RADIAL LOAD: **24.000 N**
 OVERTURNING TORQUE: **1.200 Nm**



T55

REPEATABILITY STD : ± 0.015 mm
 AXIAL LOAD : **43.000 N**
 RADIAL LOAD: **30.000 N**
 OVERTURNING TORQUE: **1.900 Nm**

2 DIVISIONS

Item	Table Size	Cam Angle (deg.)	Inertia (kgm²)	Cycle time (sec)	Index Time (sec)	Dwell Time (sec)	Rpm	Gearbox Size (Stm)	RR	Poles	Power (Kw)
20400	T10-002-300	300	2,5	1,71	1,43	0,29	35	RI40 PAM63	40	4	0,18
20401	T10-002-300	300	7	3,00	2,50	0,50	20	RI40 PAM63	70	4	0,18
20402	T10-002-300	300	14	3,43	2,86	0,57	18	RI40 PAM63	80	4	0,18
20403	T15-002-300	300	7	1,71	1,43	0,29	35	RI50 PAM71	40	4	0,37
20404	T15-002-300	300	15	3,00	2,50	0,50	20	RI50 PAM71	70	4	0,37
20405	T15-002-300	300	28	3,43	2,86	0,57	18	RI50 PAM71	80	4	0,37
20406	T25-002-300	300	12	1,71	1,43	0,29	35	RI70 PAM80	40	4	0,55
20407	T25-002-300	300	55	3,00	2,50	0,50	20	RI70 PAM80	70	4	0,55
20408	T25-002-300	300	80	3,43	2,86	0,57	18	RI70 PAM80	80	4	0,55
20409	T35-002-300	300	30	1,71	1,43	0,29	35	RI85 PAM90	40	4	1,1
20410	T35-002-300	300	120	3,00	2,50	0,50	20,0	RI85 PAM90	70	4	1,1
20411	T35-002-300	300	200	3,43	2,86	0,57	18	RI85 PAM90	80	4	1,1
20412	T55-002-300	300	70	2,10	1,75	0,35	28,57	RI110 PAM90	49	4	1,5
20413	T55-002-300	300	260	3,43	2,86	0,57	17,5	RI110 PAM90	80	4	1,5
20414	T55-002-300	300	450	4,29	3,57	0,71	14	RI110 PAM90	100	4	1,1

4 DIVISIONS

Item	Table Size	Cam Angle (deg.)	Inertia (kgm²)	Cycle time (sec)	Index Time (sec)	Dwell Time (sec)	Rpm	Gearbox Size (Stm)	RR	Poles	Power (Kw)
20420	T07-004-270	270	2	1,29	0,96	0,32	46,67	WMI25 PAM56	30	4	0,09
20421	T07-004-270	270	3,5	2,14	1,61	0,54	28,00	WMI25 PAM56	50	4	0,09
20422	T07-004-270	270	4	2,57	1,93	0,64	23,33	WMI25 PAM56	60	4	0,09
20423	T10-004-270	270	4	1,20	0,90	0,30	50,00	RI40 PAM63	28	4	0,18
20424	T10-004-270	270	8	1,71	1,29	0,43	35,00	RI40 PAM63	40	4	0,18
20425	T10-004-270	270	25	3,43	2,57	0,86	17,50	RI40 PAM63	80	4	0,18
20426	T15-004-270	270	8	1,20	0,90	0,30	50,00	RI50 PAM71	28	4	0,37
20427	T15-004-270	270	16	1,71	1,29	0,43	35,00	RI50 PAM71	40	4	0,37
20428	T15-004-270	270	40	3,43	2,57	0,86	17,50	RI50 PAM71	80	4	0,37
20429	T25-004-270	270	20	1,20	0,90	0,30	50,00	RI63 PAM80	28	4	0,75
20430	T25-004-270	270	45	1,71	1,29	0,43	35,00	RI63 PAM80	40	4	0,75
20431	T25-004-270	270	120	3,43	2,57	0,86	17,50	RI63 PAM80	80	4	0,75
20432	T35-004-270	270	50	1,20	0,90	0,30	50,00	RI85 PAM90	28	4	1,85
20433	T35-004-270	270	90	1,71	1,29	0,43	35,00	RI85 PAM90	40	4	1,5
20434	T35-004-270	270	300	3,43	2,57	0,86	17,50	RI85 PAM80	80	4	0,75
20435	T55-004-270	270	70	1,20	0,90	0,30	50,00	RI110 PAM100	28	4	2,2
20436	T55-004-270	270	200	1,71	1,29	0,43	35,00	RI110 PAM100	40	4	2,2
20437	T55-004-270	270	750	3,43	2,57	0,86	17,50	RI110 PAM90	80	4	1,5

6 DIVISIONS

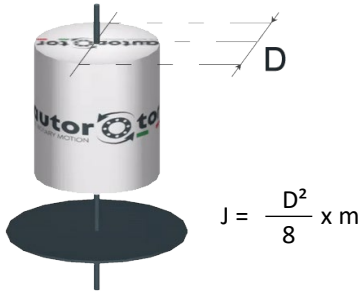
Item	Table Size	Cam Angle (deg.)	Inertia (kgm²)	Cycle time (sec)	Index Time (sec)	Dwell Time (sec)	Rpm	Gearbox Size (Stm)	RR	Poles	Power (Kw)
20440	T07-006-270	270	2,5	1,29	0,96	0,32	46,67	WMI25 PAM56	30	4	0,09
20441	T07-006-270	270	3,8	1,71	1,29	0,43	35	WMI25 PAM56	40	4	0,09
20442	T07-006-270	270	6	2,57	1,93	0,64	23	WMI25 PAM56	60	4	0,09
20443	T10-006-270	270	5	1,20	0,90	0,30	50	RI40 PAM63	28	4	0,22
20444	T10-006-270	270	10	1,71	1,29	0,43	35	RI40 PAM63	40	4	0,22
20445	T10-006-270	270	28	3,00	2,25	0,75	20	RI40 PAM63	70	4	0,22
20446	T15-006-270	270	12	1,20	0,90	0,30	50	RI50 PAM71	28	4	0,37
20447	T15-006-270	270	24	1,71	1,29	0,43	35	RI50 PAM71	40	4	0,37
20448	T15-006-270	270	60	3,00	2,25	0,75	20	RI50 PAM71	70	4	0,37
20449	T25-006-270	270	25	1,20	0,90	0,30	50	RI63 PAM80	28	4	0,55
20450	T25-006-270	270	70	1,71	1,29	0,43	35	RI63 PAM80	40	4	0,55
20451	T25-006-270	270	140	3,00	2,25	0,75	20	RI63 PAM80	70	4	0,55
20452	T35-006-270	270	80	1,20	0,90	0,30	50	RI85 PAM90	28	4	1,5
20453	T35-006-270	270	140	1,71	1,29	0,43	35	RI85 PAM90	40	4	1,1
20454	T35-006-270	270	400	3,00	2,25	0,75	20	RI85 PAM80	70	4	0,55
20455	T55-006-270	270	110	1,20	0,90	0,30	50	RI110 PAM100	28	4	2,2
20456	T55-006-300	300	350	1,71	1,43	0,29	35	RI110 PAM90	40	4	1,5
20457	T55-006-300	300	1100	3,00	2,50	0,50	20	RI110 PAM90	70	4	1,1

8 DIVISIONS

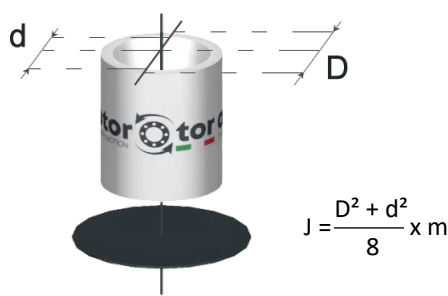
Item	Table Size	Cam Angle (deg.)	Inertia (kgm²)	Cycle time (sec)	Index Time (sec)	Dwell Time (sec)	Rpm	Gearbox Size (Stm)	RR	Poles	Power (Kw)
20460	T10-008-240	240	7	0,86	0,57	0,29	70	RI40 PAM71	20	4	0,37
20461	T10-008-240	240	10	1,20	0,80	0,40	50	RI40 PAM71	28	4	0,37
20462	T10-008-240	240	15	1,71	1,14	0,57	35	RI40 PAM71	40	4	0,37
20463	T15-008-240	240	11	0,86	0,57	0,29	70	RI50 PAM80	20	4	0,55
20464	T15-008-270	270	22	1,20	0,90	0,30	50	RI50 PAM80	28	4	0,55
20465	T15-008-270	270	40	1,71	1,29	0,43	35	RI50 PAM80	40	4	0,55
20466	T25-008-240	240	22	0,86	0,57	0,29	70	RI63 PAM80	20	4	0,75
20467	T25-008-270	270	55	1,20	0,90	0,30	50	RI63 PAM80	28	4	0,75
20468	T25-008-270	270	100	1,71	1,29	0,43	35	RI63 PAM80	40	4	0,75
20469	T35-008-240	240	60	0,86	0,57	0,29	70	RI85 PAM90	20	4	1,85
20470	T35-008-270	270	110	1,20	0,90	0,30	50	RI85 PAM90	28	4	1,1
20471	T35-008-270	270	250	1,71	1,29	0,43	35	RI85 PAM90	40	4	1,1
20472	T55-008-240	240	130	1,20	0,80	0,40	50	RI110 PAM90	28	4	1,85
20473	T55-008-270	270	350	1,71	1,29	0,43	35	RI110 PAM90	40	4	1,85
20474	T55-008-270	270	850	2,10	1,58	0,53	29	RI110 PAM90	49	4	1,85

EXAMPLE OF MOMENTS OF MASS INERTIA J (Kgm²)

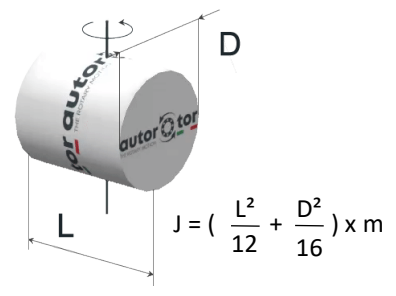
1. Solid cylinder with its axis coinciding with the index drive rotation axis



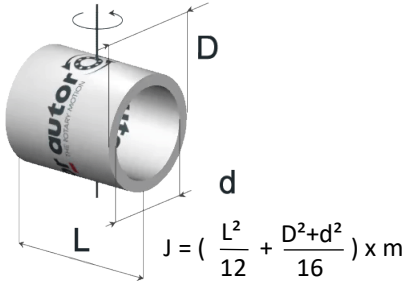
2. Hollow cylinder with its axis coinciding with the index drive rotation axis



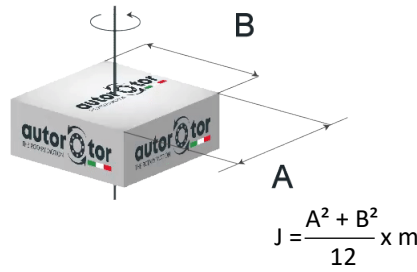
3. Solid cylinder with its central diameter coincident with the index drive rotation axis



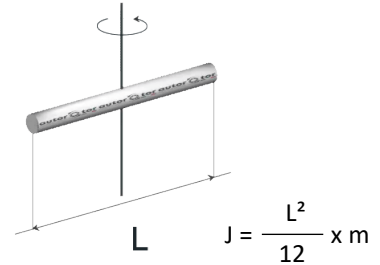
4. Hollow cylinder with its central diameter coincident with the index drive rotation axis



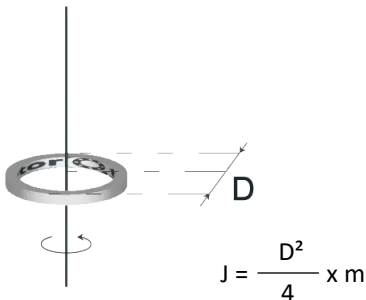
5. Parallelepiped with the rotating section axis coincident with the index drive rotation axis



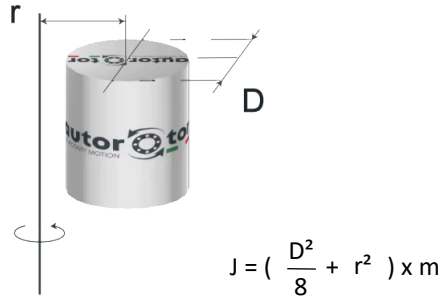
6. Long thin rod with the center lying on the index drive rotation axis



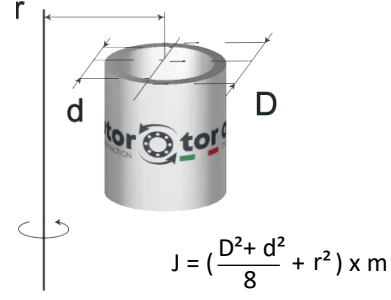
7. Mass concentrated on a circumference with center on the index drive rotation axis



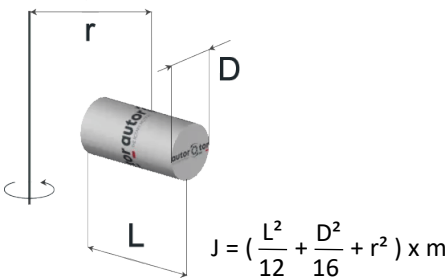
8. Solid cylinder with axis parallel to the index drive rotation axis



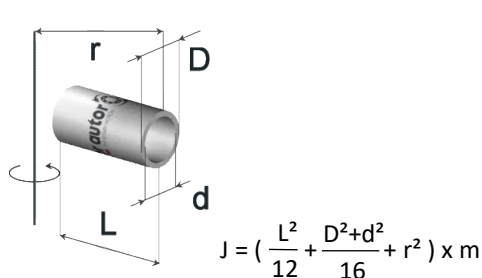
9. Hollow cylinder with axis parallel to the index drive rotation axis



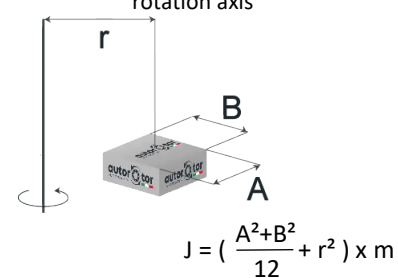
10. Solid cylinder with its central diameter parallel to the index drive rotation axis



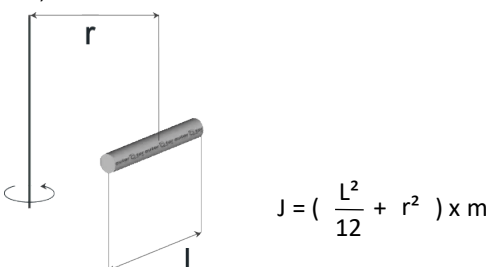
11. Hollow cylinder with its central diameter parallel to the index drive rotation axis



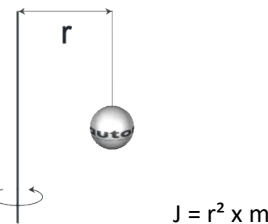
12. Parallelepiped with the rotating section axis parallel to the index drive rotation axis



13. Long thin rod, perpendicular to the index drive rotation axis, whose center does not lie on it

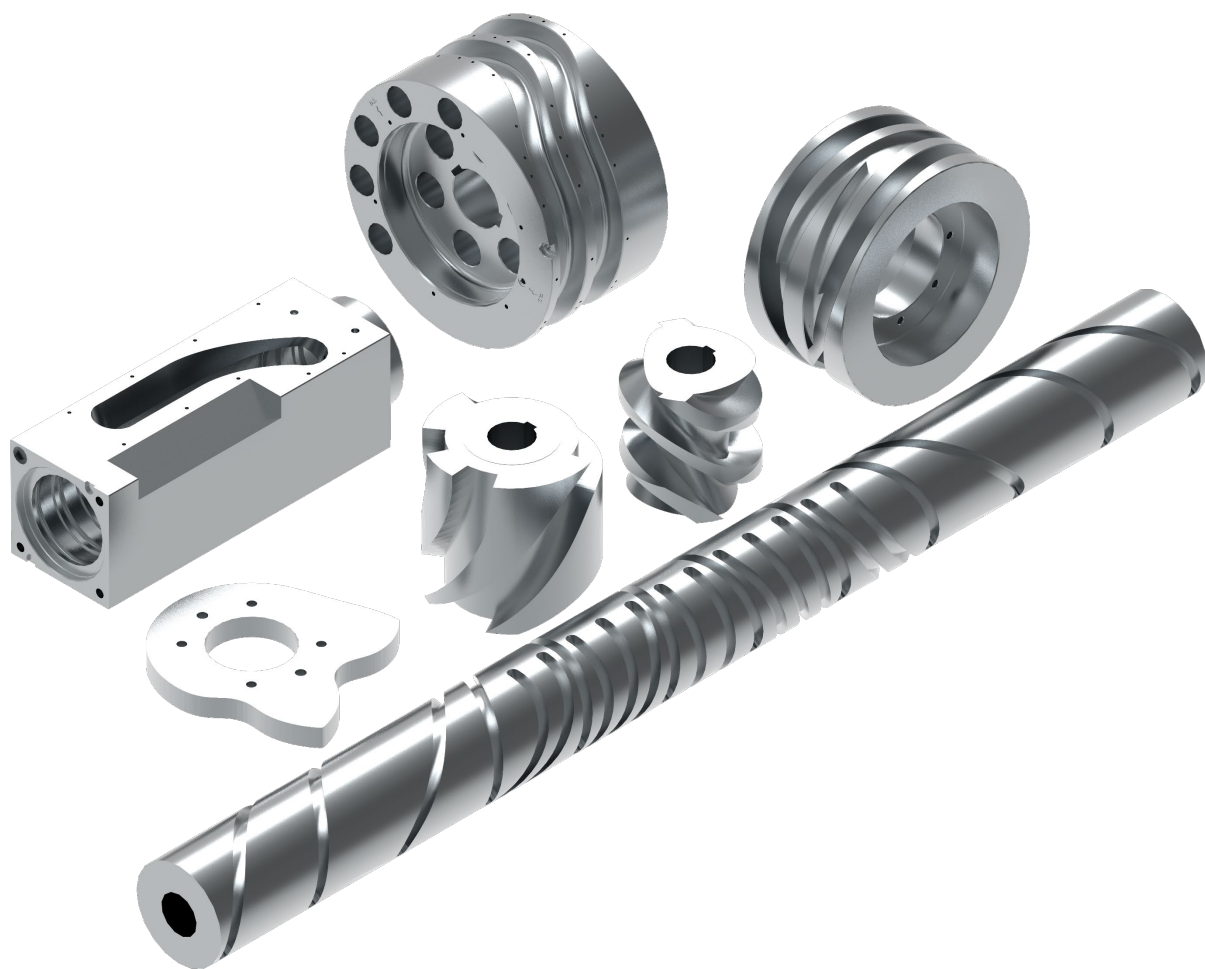


14. Mass concentrated in a point



J Inertia
A-B Sides
L Length
D Diameter
r Radius
m Mass

(Masses are in kg – Lengths are in mt)



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