

NANOMAT / MICROMAT / MINIMAT Screwdriver Spindles



Type	Part no.	Torque			Speed, idling rpm	Drive	Weight kilos
		min. Nm	max. soft pull-up Nm	max. hard pull-up Nm			
right rotation, push-to-start (hex. female)							
345-3008-31	204000C	0.01	0.15	0.15	1700	3 mm	0.14
345-5008-31	204000E	0.008	0.25	0.25	880		0.14
345-6008-31	204000F	0.008	0.30	0.30	660		0.14
345-7008-31	204000G	0.008	0.30	0.30	380		0.14
345-308-31	339271A	0.02	0.5	0.6	1600		0.18
345-408-31	345765A	0.02	0.55	0.55	1100		0.18
345-708-31	385138A	0.02	0.7	0.7	650		0.19
345-508-31	339271B	0.02	0.7	0.7	350		0.19
347-218-31	397066A	0.3	1	1	1900		0.5
347-318-31	397066B	0.3	1.4	1.4	1300		0.5
347-518-31	397066C	0.2	2	2	900	0.5	
347-618-31	397066D	0.2	2	2	600	0.55	
347-228-31	386369A	0.5	1.6	2.2	4000	1/4"	0.89
347-328-31	386369B	0.4	3	3.5	1550		0.89
347-528-31	386369C	0.3	5	5	680		0.89
346-238-31	406109B	2	5	6	2500		1.5
346-738-31	406109C	2	8	9	1400		1.6
346-338-31	406109D	2	14	14	800		1.6
346-438-31	406109E	2	20	20	400		1.6
344-340-31 ³⁾	389730A	4	8	8	2800		2.5
344-440-31 ³⁾	389730B	4	10	10	2100		2.5
344-740-31 ³⁾	389730C	16	34	34	640		2.65
344-840-31 ³⁾	389730D	16	45	45	450	2.65	
344-940-31	404623B	40	85	85	250	6	
344-140-31	404623C	40	130	130	160	6	
344-240-31	404623D	40	180	180	115	6	

for Off-Set / Reduction Gear, right rotation, push-to-start

347-228-31LV for Off-Set Gear	388645A 388649A	0.5	1.5	2	4200	1/4" ¹⁾	1.34	
347-328-31LV for Off-Set Gear	388645B 388649A	0.4	2.8	3.3	1700		1.34	
347-528-31LV for Off-Set Gear	388645C 388649A	0.3	4.7	4.7	750		1.34	
346-738-31LV for Off-Set Gear	401068C 401236B	2.6	9	9	1050		3	
346-338-31LV for Off-Set Gear	401068D 401236B	2.6	15	15	600		3	
346-438-31LV for Off-Set Gear	401068E 401236B	2.6	20	20	300		3	
346-338-31 for Off-Set Gear	406109D 407204A	4	42	42	200		3/8" ²⁾	3.2
for Off-Set Gear	3331781A	6	62	62	130		1/2" ²⁾	4.1
346-438-31 for Off-Set Gear	406109E 407204A	4	72	72	100		3/8" ²⁾	3.2
for Off-Set Gear	3331781A	6	105	105	60		1/2" ²⁾	4.1
for Off-Set Gear	3431551A	7	140	140	50	1/2" ²⁾	4.4	

¹⁾ hex. female²⁾ square male³⁾ with Remote-Start

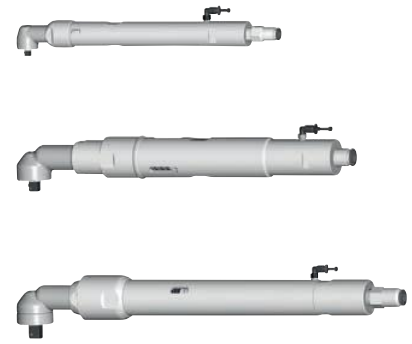
Performance data relate to an air pressure of 6.3 bar (90 psi)

MINIMAT Screwdriver Spindles

Type	Part no.	Torque		Speed max. rpm	Drive	Weight kilos
		min. Nm	max. Nm			
angle head, right rotation, remote start (square male)						
377-320-7-E6.3	200616B	0.4	3.6	1070	1/4" ¹⁾	0.9
377-420-7-E6.3	200616D	0.4	4.5	710	1/4" ¹⁾	0.9
377-520-7-E6.3	200616C	0.3	6.5	470	1/4" ¹⁾	0.9
377-230-7-E10	200941B	4	7	1500	3/8" ¹⁾	1.9
377-730-7-E10	200941C	4	12	840	3/8" ¹⁾	1.9
377-330-7-E10	200941D	4	20	450	3/8" ¹⁾	1.9
377-430-7-E10	200941E	4	35	240	3/8" ¹⁾	1.9
377-740-7-E12.5	200662C	20	48	390	1/2" ¹⁾	2.7
377-840-7-E12.5	200662D	20	67	270	1/2" ¹⁾	2.7

¹⁾ also available with hex. female

Performance data relate to an air pressure of 6.3 bar (90 psi)



377-320-7-E6.3 to 377-840-7-E12.5

All Screwdriver Spindles in angle head design are also available with reversible operation.

SCREWDRIVER SPINDLES PNEUMATIC with controlled clutch function

SENSOMAT Screwdriver Spindles

Type	Part no.	Seating Torque		Driving Torque max. Nm	Speed idling rpm	Weight kilos
		min. Nm	max. Nm			
SENSOMAT, right rotation, push-to-start (hex. female), 1/4"						
347S-228-31	391488A	0.5	1.6	2	4000	0.9
347S-328-31	391488B	0.4	3	3.3	1550	0.9
347S-528-31	391488C	0.3	5	5.5	680	0.9
346S-238-31	409280B	0.5	4	4.5	2500	1.3
346S-738-31	409280C	0.5	5	7	1400	1.3

Performance data relate to an air pressure of 6.3 bar (90 psi)



Remark: All pneumatic Screwdriver Spindles are also available with left-rotation, reversible and remote-start operation.