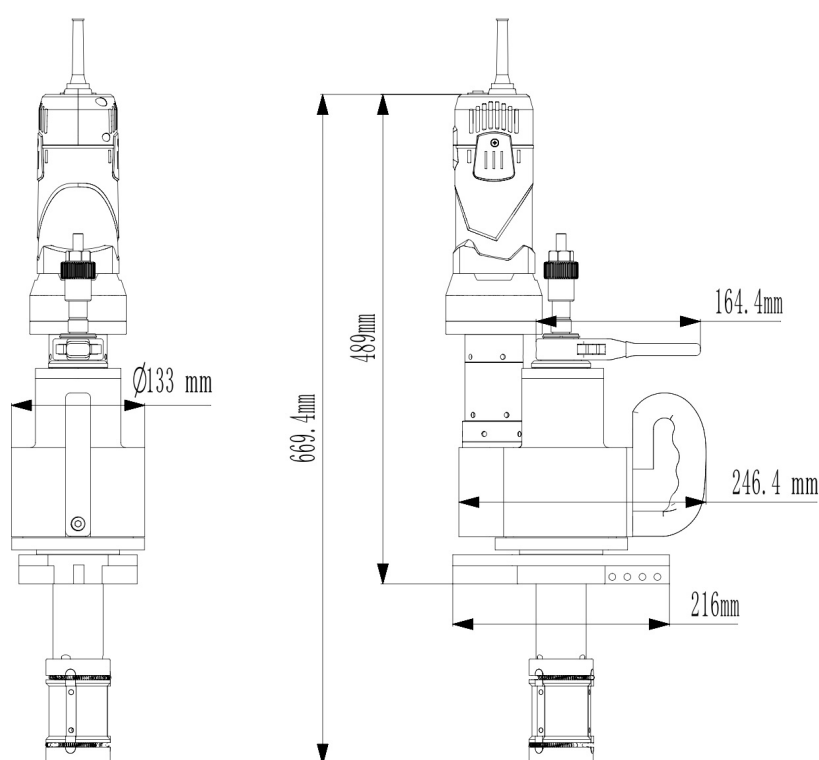


Stinger 159E - Technical sheet

Dimensions - List of compensation blocks

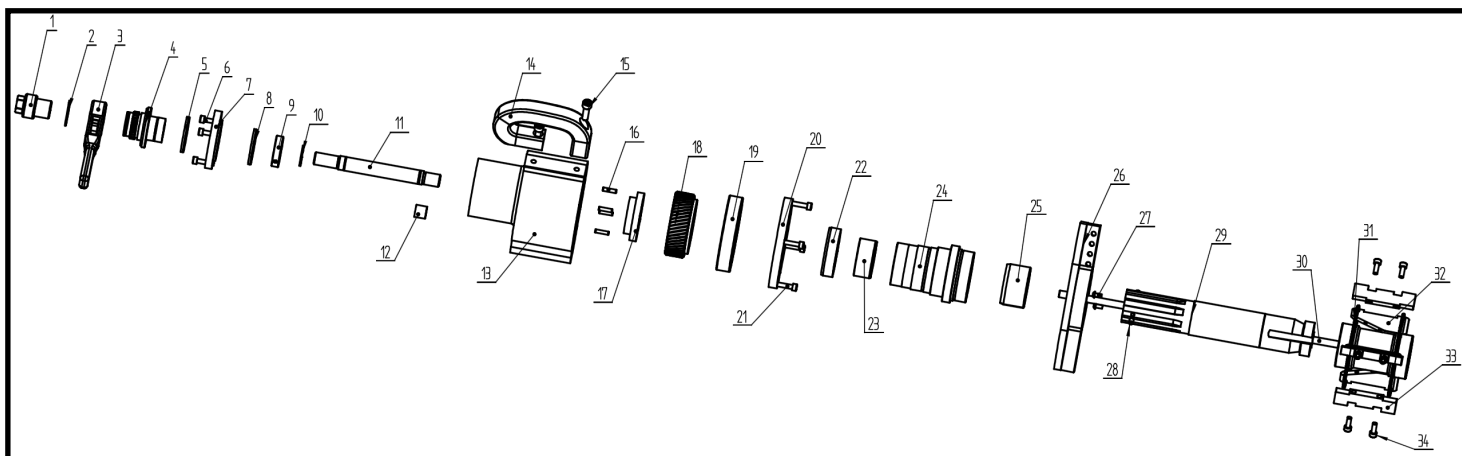
Exploded Drawing - List of Spare Parts

Model	Working range ID - OD:	Maximal Wall Thickness	Tool feeding	Power	Weight
Stinger 159E	65-159mm (OD max 168mm) 2.55" - 6.25" (OD max 6.61")	20mm	30mm	1500W	25 kg (55 lb)



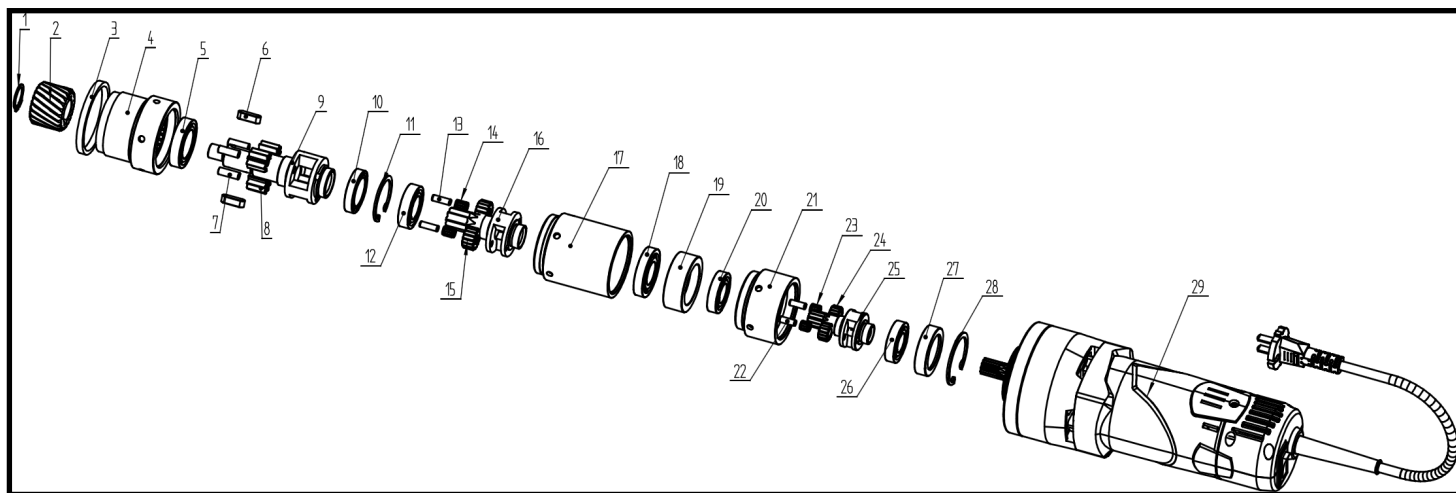
Compensation blocks - Stinger 159E

Inside diameter	Block
$\varnothing 65 \text{ mm} - 87 \text{ mm}$ (2.55" - 3.42")	No block
$\varnothing 87 \text{ mm} - 105 \text{ mm}$ (3.42" - 4.13")	# 01.
$\varnothing 105 \text{ mm} - 123 \text{ mm}$ (4.13" - 4.84")	# 02.
$\varnothing 123 \text{ mm} - 141 \text{ mm}$ (4.84" - 5.55")	# 03.
$\varnothing 141 \text{ mm} - 159 \text{ mm}$ (5.55" - 6.25")	# 04.



Stinger 159E - main body (01)

Number	Pos	Part Name	Pcs	Number	Pos	Part Name	Pcs
30014.01.01	1	Expanding Nut	1	30014.01.21	21	Screw	4
30014.01.02	2	Snap Ring	1	30014.01.22	22	Copper Sleeve	1
30014.01.03	3	Ratchet Wrench	1	30014.01.23	23	Copper Sleeve	1
30014.01.04	4	Feed Screw	1	30014.01.24	24	Bottom Cover	1
30014.01.05	5	Bearing	1	30014.01.25	25	Bushing	1
30014.01.06	6	Screw	3	30014.01.26	26	Tool holder	1
30014.01.07	7	Top Cover	1	30014.01.27	27	Screw	2
30014.01.08	8	Bearing	1	30014.01.28	28	Screw	2
30014.01.09	9	Nut	1	30014.01.29	29	Spindle	1
30014.01.10	10	Washer	1	30014.01.30	30	Pull Rod	1
30014.01.11	11	Threaded Sleeve	1	30014.01.31	31	Sring	2
30014.01.12	12	Copper Sleeve	1	30014.01.32	32	Wedge	3
30014.01.13	13	Machine Frame	1	30014.01.33	33	Expanding Block 87-105	3
30014.01.14	14	Handle	1	30014.01.34	33	Expanding Block 105-123	3
30014.01.15	15	Screw	2	30014.01.35	33	Expanding Block 123-141	3
30014.01.16	16	Pin	4	30014.01.36	33	Expanding Block 141-159	3
30014.01.17	17	Spline Sleeve	1	30014.01.37	34	Screw M6x16 (blocks 87-105)	6
30014.01.18	18	Gear	1	30014.01.38	34	Screw M6x25 (blocks 105-123)	6
30014.01.19	19	Bearing	1	30014.01.39	34	Screw M6x35 (blocks 123-141)	6
30014.01.20	20	Bottom Cover	1	30013.01.40	34	Screw M6x45 (blocks 141-159)	6



Stinger 159E - Power unit parts (02)

Number	Pos	Part Name	Pcs	Number	Pos	Part Name	Pcs
30014.02.01	1	Snap Ring	1	30014.02.16	16	Planetary Carrier	1
30014.02.02	2	Gear	1	30014.02.17	17	Gear Ring	1
30014.02.03	3	Washer	1	30014.02.18	18	Bearing	1
30014.02.04	4	Gear ring	1	30014.02.19	19	Bushing	1
30014.02.05	5	Bearing	1	30014.02.20	20	Bearing	1
30014.02.06	6	Pin	2	30014.02.21	21	Gear ring	1
30014.02.07	7	Pin	3	30014.02.22	22	Pin	2
30014.02.08	8	Gear	3	30014.02.23	23	Needle Roller	26
30014.02.09	9	Planetary Carrier	1	30014.02.24	24	Gear	2
30014.02.10	10	Bearing	1	30014.02.25	25	Planetary Carrier	1
30014.02.11	11	Washer	1	30014.02.26	26	Bearing	1
30014.02.12	12	Bearing	1	30014.02.27	27	bushing	1
30014.02.13	13	Pin	2	30014.02.28	28	Washer	1
30014.02.14	14	Needle Roller	26	30014.02.29	29	Motor	1
30014.02.15	15	Gear	2				