

SPARE PARTS

Insert screws .G2

Pins, clamps, clamp screws .G5

Shims .G6

Wrenches .G9

Miscellaneous .G11

Designation		M	Ø	L	I	W	θ	K	Torque	Chapter
Insert screws NT-ST 	NT-ST16031T06	M1.6X0.35	2.6	3.3	1	0.8	60	T6	0.2	A
	NT-ST20033T06	M2.0X0.40	2.7	3.3	2.2	0.5	60	T6	0.4	D
	NT-ST20038T06	M2.0X0.40	2.7	3.8	2.6	0.6	60	T6	0.4	A
	NT-ST20040T06	M2.0X0.40	2.7	4	2.9	0.5	60	T6	0.5	D
	NT-ST20043T06	M2.0X0.40	2.7	4.3	2.5	1	60	T6	0.4	E
	NT-ST20043T06B	M2.0X0.40	2.7	4.7	2.9	1	60	T6	0.4	D
	NT-ST20047T06	M2.0X0.40	2.7	4.7	-	-	60	T6	0.4	D
	NT-ST22049T07	M2.2X0.45	3.1	4.9	3.3	0.5	60	T7	0.7	A,B
	NT-ST22055T06	M2.2X0.45	3	5.5	4	0.8	60	T6	0.7	E
	NT-ST25050T07	M2.5X0.45	3.1	5	3.1	1	60	T7	0.9	A
	NT-ST25056T08HQ	M2.5X0.45	3.5	5.6	3.4	0.6	60	T8	1.2	D
	NT-ST25059T08	M2.5X0.45	4	6	3.9	0.5	60	T8	0.9	B
	NT-ST25060T07	M2.5X0.45	3.5	6	3.6	0.5	60	T7	0.9	A
	NT-ST25060T07B	M2.5X0.45	3.5	6	4.1	0.5	60	T7	0.9	A,D,E
	NT-ST25060T08	M2.5X0.45	3.85	6	3.9	0.95	60	T8	1.2	D
	NT-ST25078P08	M2.5X0.45	3.5	7.8	6	0	60	IP8	0.9	D
	NT-ST25080T09	M2.5X0.45	3.5	7.8	5.9	0.5	60	T9	1.2	E
	NT-ST30058T10	M3.0X0.50	4.3	5.8	4.4	1	90	T10	1.5	A
	NT-ST30068T10	M3.0X0.50	4.3	6.8	5.4	0.5	90	T10	1.5	A
	NT-ST30070T09	M3.0X0.50	4.2	7.2	4	1	60	T9	1.5	D
	NT-ST30070T10	M3.0X0.50	4.3	7	5.1	0.5	60	T10	1.5	A
	NT-ST30070T10HQ	M3.0X0.50	4.4	7	4.4	0.9	60	T10	2	D
	NT-ST30080T10	M3.0X0.50	4.3	8	5.7	2.9	60	T10	1.5	E
	NT-ST35051T15	M3.5X0.60	5.1	8.8	6	1.3	60	T15	2.3	D
	NT-ST35070T15	M3.5X0.60	5.3	7	4.6	0.8	60	T15	2.3	D
	NT-ST35073T15	M3.5X0.60	5.5	7.3	4.3	0.5	60	T15	2.3	A
	NT-ST35080T15	M3.5X0.60	5.5	8	5.5	1	60	T15	2.3	E
	NT-ST35089T15	M3.5X0.60	5.5	8.9	5.9	0.7	60	T15	2.3	A,B
	NT-ST35089T15B	M3.5X0.60	5.1	8.9	6	1.2	60	T15	2.3	A
	NT-ST35095T15HQ	M3.5X0.60	5.3	9.5	6	1.5	60	T15	3	D
	NT-ST35115T15	M3.5X0.60	5.5	11.5	8	1.3	60	T15	2.3	A,B
	NT-ST35120T15	M3.5X0.60	5.3	12	9.5	0.9	60	T15	2.3	B,D
	NT-ST40090T15	M4.0X0.70	5.5	9	6.1	1	60	T15	3.4	A,D
	NT-ST40095T15HQ	M4.0X0.70	5.5	9.5	6.6	1	60	T15	4.5	D
	NT-ST40100T15	M4.0X0.70	5.5	10	7	1.2	60	T15	3.4	D,E
	NT-ST40101T15	M4.0X0.70	6.5	10.1	8	0.5	90	T15	3.4	D
	NT-ST40110T15HQ	M4.0X0.70	5.5	11	8.2	1.6	60	T15	4.5	D
	NT-ST40115T15	M4.0X0.50	6.8	11.5	8.6	1.3	60	T15	3.4	A,C
	NT-ST40136T15	M4.0X0.70	7.1	13.6	10	0.9	60	T15	3.4	D
	NT-ST40140T15	M4.0X0.50	6.8	13.8	10.1	1	60	T15	3.4	A,B
	NT-ST45110T20	M4.5X0.75	6.8	11	7.9	1.1	60	T20	4.9	D
	NT-ST45111T15	M4.5X0.75	6.8	11.1	8.2	0.5	60	T15	3.4	D
	NT-ST50100T20	M5.0X0.80	6.4	12.1	8.4	1	40	T20	4.9	E
	NT-ST50108T20	M5.0X0.80	6.4	10.8	5.5	1	43	T20	6.7	E
	NT-ST50110T20	M5.0X0.80	7	11	8.2	1.1	60	T20	6.7	C,D
NT-ST60160T25	M6.0X1.00	8.5	16	11.5	0.9	60	T25	11.4	D	

Designation		M	L	I	K						Chapter
Clamp screws - double type 	NT-SC double thread	NT-SC005	M5.0X0.80	15	5	2.5					A
		NT-SC008	M6.0X1.00	24	7	3					A
		NT-SC010	M6.0X1.00	30	7	3					A
		NT-SC030	M5.0X0.80	18	7	2.5					A
		NT-SC070	M6.0X1.00	30	7	4					A
Clamp screws 	NT-SC	NT-SC035	M6.0X1.00	10	15	6.3	3.7	3			D
		NT-SC200	M6.0X1.00	9.7	24	20.2	3.8	T20			A
		NT-SC250	M4.0X0.70	6.8	18.8	15.2	3.6	T15			A
		NT-SC300	M5.0X0.80	8.3	15.9	4.9	-	-			C

Designation		M	L	I	K						Chapter
Wedge screws 	NT-SC	NT-SC060	M6.0X1.00	17	2.5	3					D
		NT-SC090	M6.0X1.00	20.2	3.5	3					D

Designation		M	Ø	L	I	W	θ	K			Chapter
Shim screws 	NT-ST	NT-ST022	M2.0X0.40	3	5	3	0.5	60	T6		A
		NT-ST031	M3.0X0.50	6	8	6	0.1	90	2		A
		NT-ST130	M4.0X0.70	7.45	10	-	-	90	2.5		A
		NT-ST200	M4.0X0.70	7.9	10	7	0.7	90	2.5		A
		NT-ST250	M4.0X0.70	6.3	7.5	5.2	0.5	90	T15		A

Designation		M	Ø	L	I	W	K				Chapter
Lever screws 	NT-SC	NT-SC015	M6.0X1.00	5.95	7	3	-	-			A
		NT-SC020	M8.0X1.00	8	10	6	-	-			A
		NT-SC025	M8.0X1.00	8	7	6	-	-			A

Designation		M	Ø	L	I	W	K				Chapter
Locking screws 	NT-SC flat support	NT-SC001	M5.0X0.80	8.5	20	6	-	-			C
		NT-SC002	M6.0X1.00	10	20	5	-	-			C
		NT-SC003	M3.0X0.50	5.5	6	3	-	-			B
		NT-SC004	M4.0X0.70	7	8	4	-	-			B

Designation		M	Ø	L	I	W	K				Chapter	
Cartridge screws	NT-CW	NT-CW040	M5.0X0.80	8.5	16.5	11.5	5	4				D

Designation		M	Ø	D1	L	I	W				Chapter	
Adjusting screws	NT-AD	NT-AD040	M5.0X0.80	9	2	14	8	6				D

Designation		M	L	K								Chapter	
Locking grains	NT-ST	NT-ST042	M5.0X0.80	6	2.5								E
		NT-ST044	M5.0X0.80	8	2.5								E
		NT-ST046	M6.0X1.00	10	3								E
		NT-ST095	M4.0X0.70	-	4								A

Designation		M	L	K								Chapter	
Setting grains	NT-ST	NT-ST043	M5.0X0.80	6	2.5								E
		NT-ST045	M5.0X0.80	8	2.5								E
		NT-ST047	M6.0X1.00	10	3								E

Designation		M	L	I	W	H						Chapter	
Clamps	NT-CS COOL holders	NT-CS005	M5.0X0.80	13.6	10	7.8	7.1						A
		NT-CS009	M5.0X0.80	14.9	11	7.8	11						A
		NT-CS010	M6.0X1.00	18.2	13	9.4	13.5						A
		NT-CS015	M8.0X1.00	22.3	17	10.8	17.4						A
		NT-CS025	M6.0X1.00	21.5	17	9.4	13.7						A
		NT-CS030	M5.0X0.80	16.9	12.5	7.9	7.9						A
		NT-CS070	M8.0X1.00	19.4	13.5	10.7	16.8						A
		NT-CS075	M6.0X1.00	24.5	19.5	9.7	13.7						A

Designation		M	L	I	W	H						Chapter	
Clamps	NT-CS with hole	NT-CS028	6.3	20	12	12	6						D
		NT-CS200	6.4	26	17.5	13	11						A
		NT-CS210	6.4	29	20.3	12.1	11						A
		NT-CS250	4.2	21	13.3	11	10						A
		NT-CS300L	5.5	28	15.2	15	12.5						C
		NT-CS300R	5.5	28	15.2	15	12.5						C

clamping set	Designation		M	L	I	W	H	K				Chapter	
		NT-CS clamp+screw	NT-CS003	M4.0X0.70	13.5	7.5	7.7	14.3	2.5				A
			NT-CS013	M3.5X0.60	11.5	6.4	7.7	9	T15				D
			NT-CS014	M3.5X0.60	11.5	6.4	7.7	9	T15				D
			NT-CS021	M5.0X0.80	16.5	9.5	9.25	11	T20				D

Wedges	Designation		M	L	L1	I	W	H				Chapter	
		NT-WD	NT-WD070	M6.0X1.00	11.8	9.6	7.3	9	7.5				D
			NT-WD090	M6.0X1.00	9.96	7.8	5.96	10	9.5				D

Clamps	Designation		W	H	L							Chapter	
		NT-CS clamp+screw	NT-CS152	12	16.7	25							A
			NT-CS153	11.5	16	23.5							A
			NT-CS154	9	16	20							A
			NT-CS1525	10	16	21.5							A

Designation		IC	S	D1	D2					Chapter	
Shims for turning	NT-SH (CC ∞)	NT-SH001	11.4	3.9	6.6	8.2					A
		NT-SH011	8.5	3.2	5.4	6.7					A

Designation		IC	S	D1	D2					Chapter	
Shims for turning	NT-SH (CN ∞)	NT-SH012	9.3	3.2	4.9	6.8					A
		NT-SH030	12.4	4.8	7.5	8.2					A
		NT-SH031	-	-	-	-					A
		NT-SH035	12.6	3.2	6.9	8.5					A
		NT-SH055	15.5	4.8	9.9	11					A
		NT-SH080	18.7	4.8	11.4	12.3					A

Designation		IC	S	D1	D2					Chapter	
Shims for turning	NT-SH (DC ∞)	NT-SH007	6.9	3.2	5.4	6.7					A

Designation		IC	S	D1	D2					Chapter	
Shims for turning	NT-SH (DN ∞)	NT-SH020	8.5	3.2	6.9	8.9					A
		NT-SH025	8.2	6.5	7.5	8					
		NT-SH045	8.2	4.6	7.5	8					A

Designation		IC	S	D1	D2					Chapter	
Shims for turning	NT-SH (RN ∞)	NT-SH100	-	-	-	-					A
		NT-SH101	-	-	-	-					A
		NT-SH102	-	-	-	-					A

Designation		IC	S	D1	D2					Chapter	
Shims for turning	NT-SH (SN ∞)	NT-SH070	12.3	4.8	7.5	8.2					A
		NT-SH071	11.6	6.4	6.8	8.7					A
		NT-SH072	11.6	3.2	6.8	8.7					A
		NT-SH090	18.7	4.8	11.3	13					A

Designation		IC	S	D1	D2						Chapter
Shims for turning	NT-SH (TN ∞) 	NT-SH005	6.7	3.2	5.8	6.6					A
		NT-SH006	6.6	3.2	4.8	6.6					A
		NT-SH008	8.3	4.9	7.5	8.2					A

Designation		IC	S	D1	D2						Chapter
Shims for turning	NT-SH (TP ∞) 	5.5	3.2	2.4	5.3						A

Designation		IC	S	D1	D2						Chapter
Shims for turning	NT-SH (VB ∞ -VC ∞) 	6.8	3.2	5.4	6.6						A

Designation		IC	S	D1	D2						Chapter
Shims for turning	NT-SH (VN ∞) 	6.8	3.2	5.9	6.6						A

Designation		IC	S	D1	D2						Chapter
Shims for turning	NT-SH (WN ∞) 	NT-SH003	6.6	3.3	5.9	6.7					A
		NT-SH010	8	4.8	7.3	8					A
		NT-SH015	8.8	3.2	6.8	9					A

Designation		IC	S	D1	D2						Chapter
Shims for threading	NT-SH (ER-IL) 	NT-SH060	9.5	3.2	4.5	6.4					B
		NT-SH060+1°	9.5	3.2	4.5	6					B
		NT-SH060-1°	9.5	3.2	4.5	6					B
		NT-SH066	12.6	4	5.1	-					B

Designation		IC	S	D1	D2						Chapter
Shims for threading	NT-SH (IR-EL)	9.5	3.2	4.5	6.4						B
	NT-SH065										
	NT-SH067	12.6	4	5.1	-						B

Designation		IC	S	D1	D2						Chapter
Shims for milling	NT-SH (4FacePlus)	10.7	3	5.2	6.9						D
	NT-SH004										

Designation		IC	S	D1	D2						Chapter
Shims for milling	NT-SH (Double4Face)	12.6	3.15	6.7	8.7						D
	NT-SH009										

Designation		Ø	L	I	W	H	K	Chapter	
Flag wrenches		NT-FT06	3.5	82	45	23	23	T6	A
		NT-FT07	3.5	84	47	23	23	T7	A,B
		NT-FT08	3.5	82	45	23	23	T8	B
		NT-FT09	3	73	37	23	19	T9	E
		NT-FT10	3.5	83	46	23	23	T10	A
		NT-FT15	3.5	83	46	23	23	T12	A,B,C

Designation		Ø	L	I	W	H	K	Chapter	
Flag wrenches		NT-FTB06	3	85	49	21	22	T6	D,E
		NT-FTB07	3	85	49	21	22	T7	D,E
		NT-FTB08	3	85	49	21	22	T8	D
		NT-FTB09	3	85	49	21	22	T9	E
		NT-FTB10	3	85	49	21	22	T10	D,E
		NT-FTB15	4	85	49	29	24	T15	D,E
		NT-FTB20	4	90	52	29	24	T20	D,E

Designation		Ø	L	I	W	H	K	Chapter
Flag wrenches	NT-FT yellow (torx plus) NT-FTP08	3.5	88	51	23	23	IP8	D

Designation		Ø	L	I	W	H	K	Chapter	
L wrenches		NT-TX15	3.5	57	57	19	23	T15	A,C
		NT-TX20	4	62	57	23	23	T20	A,C

Designation		Ø	L	W	K	Chapter	
L wrenches		NT-WR020	-	51	18	2	A
		NT-WR025	-	53	18	2.5	A,B,E
		NT-WR030	-	66	23	3	A,B,D,E
		NT-WR035	-	69	25	3.5	A,D
		NT-WR040	-	74	29	4	A,C,D
		NT-WR050	-	-	-	5	

Designation		Ø	L	I	K	Chapter
Screwdrivers	NT-DT NT-DT20	5	175	80	T20	

Designation		L	W	K						Chapter
T wrenches	NT-TT	120	100	T20						D
	NT-TT20 NT-TT25	120	100	T25						D

Designation		Ø	L	I	K	Torque				Chapter
Screwdrivers	NT-TSD with torque control									
	NT-TSD TX08	3	200	60	T8	1.2				
	NT-TSD TX10	3.9	200	60	T10	2				
	NT-TSD TX15	4	200	60	T15	3				

Designation		Ø	L	K						Chapter
Screwdrivers	BIT Interchangeable									
	BIT IP08	3	70	IP8						
	BIT TX08	3	70	T8						
	BIT TX10	4	70	T10						
	BIT TX15	4	70	T15						

Designation		W	H	D						Chapter
Drilling heads wrench	NT-WR (DEX)									
	NT-WR1011	24	30	12						E
	NT-WR1217	34	39	18						E
	NT-WR1820	38	45	22						E
	NT-WR2126	45	54	29						E

Designation		W	H	D						Chapter
Drilling heads wrench	NT-WR (DXP)									
	NT-WR1416	102	47.1	17						E
	NT-WR1720	102	47.1	19						E
	NT-WR2128	102	47.1	29						E

		Designation	M	L	I	Ø	D1	K				Chapter	
Eccentric pin		NT-SP	NT-SP010	M6.0X1.00	17.7	4.5	5	7.8	3				A
			NT-SP020	M5.0X0.80	14	3.4	3.7	6.2	2				A
			NT-SP025	M6.0X1.00	19.2	4.5	5	7.8	2.5				A
			NT-SP030	M5.0X0.80	11	3.4	3.7	5.6	2				A
			NT-SP035	M5.0X0.80	11	4.4	5	5.6	2				A
			NT-SP040	M8.0X1.00	21.8	4.7	6.2	10.3	3				A
			NT-SP050	M10.0X1.00	21.8	4.7	7.8	11.8	4				A

		Designation	Ø	L	I	W							Chapter	
Levers		NT-LL	NT-LL012	3.4	12	9.9	3.6							A
			NT-LL015	4.4	10	13.6	4.7							A
			NT-LL020	5	14.5	14.3	4.6							A

		Designation	Ø	H	W							Chapter	
Shim plugs		NT-SR	NT-SR012	6.2	5.8	3.5							A
			NT-SR015	6.5	3	4.5							A
			NT-SR020	8.6	7	4							A

		Designation	Ø	L									Chapter	
Springs		NT-SG	NT-SG028	3.5	8									D
			NT-SG200	8	16									A
			NT-SG250	5.5	12									A

		Designation	M	H	W	Ø							Chapter	
Cartridges		NT-CRD	NT-CRD-XP08	M3.0X0.50	29.5	11	5.5							D

		Designation	D1	L	H	W							Chapter	
Chip cover		NT-CH	NT-CH030	6	13	14	8							D

