

Breaker Information					
Breaker Model	TNB-	1M	Tightening Torque specifications		
Energy class	ft.lb	150	Side bolt nut	Hex size (mm)	27
Tool Diameter	(mm) inch	(45) 1.8		Torque ft. lbs.	217
Impact Fequency	bpm	700-1200		(nm)	294
Base Machine	lbs	2210-4410			
Weight	kg	1002-2000	Control valve box bolt	Hex size (mm)	n/a
WORKING WEIGHT				Torque ft. lbs.	n/a
Hose size	inch	1/2		(nm)	n/a
Side Mount	lbs	190			
Bracket	kg	85	Control valve cap bolt	Hex size (mm)	n/a
Top Mount	lbs	190		Torque ft. lbs.	n/a
Bracket 1 Piece	kg	85		(nm)	n/a
Top Mount	lbs	225	Hose Adapter	Hex size (mm)	32
Bracket 2 Piece	kg	100		Torque ft. lbs.	325
BOX Bracket	lbs	280		(nm)	441
	kg	125			
Side Mount Silenced Bracket	lbs	n/a	Gas valve body	Hex size (mm)	22
	kg			Torque ft. lbs.	61
Carrier Aux. Circuit Relief	psi	2760		Gas valve plug	(nm)
	bar	190	Hex size (mm)		14
	Mpa	19	Torque ft. lbs.		9
Cracking Pressure (*1)	psi	2180	Side Plate nuts	(nm)	12
	bar	150		Hex size (mm)	27
	Mpa	15		Torque ft. lbs.	188
			(nm)	225	
Working Pressure	psi	1020-2030	Bracket bolts	Hex size (mm)	24
	bar	70-140		Torque ft. lbs.	24
	Mpa	7-14		(nm)	190
Oil flow @ working pressure	gpm	5-8			
	L/min	20-30	LIFTING EYES		
Cushion Chamber Pressure (*2)	psi	116	CYLINDER COVER	M8	
	Mpa	.08	PISTON	M8	
Cushion Chamber Oil Volume (*3)	cc	25	VALVE CAP	M8	
	mm	5	CYLINDER	M8	
Breaker Port Size	inch	1/2			
Bushing Wear Width limit (mm)	New	45			
	max	49 (4)			
Max. Piston Deformation (mm)					
	max	1			
Grease Every 2 Hrs	pumps	3	Notes:		
*1) Cracking pressure means a pressure observed constant flow after the relief valve starts opening by thepressure increased at the inlet port of the relieh valve.					
*2) Recheck the charge pressure when the breaker body temperature is 104 deg. F (40 deg C)					
*3) fill oil mm below top of cylinder					

STRIKER HYDRAULIC BREAKER SPARE PARTS LIST

MODEL: TNB-1M

Sym	Part Code	Description	Q'ty	ser. No.	Int	Remarks	Kit
	41510580D	MASTER SEAL KIT	1				
11	415105140	CHISEL HOLDER BUSHING	1			UPPER BUSHING	
10	415105060	CHISEL BUSHING	1			LOWER BUSHING	
12	415105100	RETAINER PIN	2				
13	130608090	SPRING PIN	1				
14	130608100	SPRING PIN	2				
		STOPPER PLUG	n/a				
31	415105160	SIDE BOLT	4			TIE ROD	
32	136306014	SIDE BOLT RING	4				
33	134206041	SIDE BOLT NUT	4				
	415163430	TOOL CHISEL	1				
	415163420	TOOL BLUNT	1				
	415163410	TOOL MOIL	1				
50	41514130J	GAS VALVE CP	1	10378 <			
50	41514130J	GAS VALVE CP	1	448-10377			
		AIR VALVE CP	na				