



COBOD BOD2 WEARABLE COMPONENTS

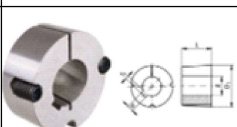
Version 1 - August 2026

Included in this document:

1. ELECTRIC WEARABLES
2. MECHANICAL WEARABLES
3. SINGLE DOSING SYSTEM WEARABLES (Grundfos)
4. DUAL DOSING SYSTEM WEARABLES (Schenck)
5. AHMS WEARABLES

Disclaimer: These recommendations are based on operating the printer with standard concrete and following proper maintenance and cleaning procedures. The use of experimental cementitious materials, unusual aggregates, or abrasive chemical additives, as well as inadequate maintenance or cleaning practices, may significantly reduce the service life of the components. Extreme weather conditions may reduce the life cycle of the parts and increase maintenance checks. Ideally all customers have Consumables, Wearables and stock parts at all times to prevent down-time in operation. **Please note Consumables and Wearables are NOT covered under warranty.**

Wearables Definition: Parts that gradually degrade through friction, contact, or mechanical stress during operation and need periodic replacement once worn beyond their limit.

Item Number	Visual reference (From COBOD)	Name	ERP No.	Amount in equipment	Number of operational hours before replacement is recommended*	Notes
1. ELECTRIC WEARABLES						
1		Material Level Sensor - Yellow	EL00000485	1	1000 hrs	*Yellow ultrasonic sensor requires re-wiring and reprogramming of printer, contact ITS REP for part number/procedure*
2		X-Carriage E stop Collar	EL00000404	3	750 hrs	
3		X-Carriage E stop	EL00000403	3	750 hrs	
4		Z E-Stops	EL00000134	1 per Z leg	750 hrs	
2. MECHANICAL WEARABLES						
5		Extruder Screw	HF00000027	1	600 hours	
6		Rubber scrapers for HT hopper	C00000286	1	250 hours	*If not installed previously, requires software assistance*
7		HT Belt	C00000171	1	1000 hrs	
8		Belt pulley HT small	C00000405	1	1000 hrs	
9		HT belt pulley small Taper-bushing	C00000406	1	1000 hrs	
10		HT Nozzle Bearing 120X150X16	C00000173	2	1000 hrs	
11		X/Y Bearings	C00000275	14	1000 hrs Y axis bearings 2500 hrs X axis bearings	

12		X/Y Toothtracks	T00000328	depends on config	2000 hrs with normal operation	*Requires calibration blocks*
13		Z Toothtrack	T00000326	depends on config	1500 hrs with normal operation	*Requires calibration blocks*
14		Kardan Joint Cover	C00000189	1	1000 hrs	
3. SINGLE DOSING SYSTEM WEARABLES (Grundfos)						
15		Stiffener Hose for E-chain (50m)	O00000112	1		
16		Dosing Injector	SA00000049	1	2500 hrs	if maintained and cleaned regularly*
4. DUAL DOSING SYSTEM WEARABLES (Schenchen)						
17		Replacement Flexi Hose for pumps	EL00000547	1	150 hrs per small pump section	
18		E-chain Dosing Hose replacement	EL00000543	2	3000 hrs	depends on printing environment and admixtures
19		Dosing Nozzles	4mm - EL00000552	2	1000 hrs	
20		Solenoids	EL00000549	2	1000 hrs	
5. AHMS WEARABLES						
21		Gaskets for hose clamps 50mm	50mm - ADIPP00000072	6-8 depending on version and config	1000 hrs	*Contact ITS Representative for confirmation on hose type*
22		Replacement Concrete Hose X-Axis (Black/White)	Depends on Configuration	1	Depends on material abrasiveness	*Contact ITS Representative for confirmation on hose type*
23		Replacement Concrete Hose Y-Axis (Black/White)	Depends on Configuration	1	Depends on material abrasiveness	*Contact ITS Representative for confirmation on hose type*