

BPI SoftHand Parts Summary

1 Fingertip

Part name	Size/material	number
Mechanical bolt	M2 x 6	8
Mechanical bolt	M2 x 18	1
bearings	D7 W3 GROOVE 0.2	6
Fingertip	3D printed by ABS, Verowhite or PLA	1
Fingertip covers (left and right side)	Same as fingertip	2
Fingerprint	Rubber or agilus, tangoblack or other material with high friction coefficient	1

2 Middle Phalange

Part name	Size/material	number
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Mechanical bolt	M2 x 6	8
Mechanical bolt	M2 x 18	2
bearings	D7 W3 GROOVE 0.2	6
Middle Phalange	3D printed by ABS, Verowhite or PLA	1
Middle Phalange covers (left and right side)	Same as fingertip	2

3 Base phalange

Part name	Size/material	number
Mechanical bolt	M2 x 6	10
Mechanical bolt	M2 x 18	1
Mechanical bolt	M2 x 8	4
bearings	D7 W3 GROOVE 0.2	10
Base phalange	3D printed by ABS, Verowhite or PLA	1
phalange covers (left and	Same as fingertip	2

right side)		
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4 Palm and Palm cover

Part name	Size/material	number
Palm	ABS, PLA or verowhite	1
Palm cover	ABS, PLA or verowhite	1
Mechanical bolt	M2 x 8	15
Mechanical bolt	M2 x 10	3
bearings	D7 W3 GROOVE 0.2	7

5 Palm tendon guiding system

Part name	Size/material	number
Palm tendon guiding system	ABS, Verowhite or PLA	5/6
bearings	D7 W3 GROOVE 0.2	10/12
Mechanical Bolt	M2 x 6	10/12