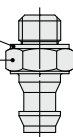
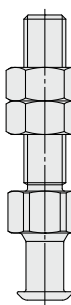
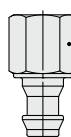


Basic Pad *ZP Series*

Mounting Bracket Assembly

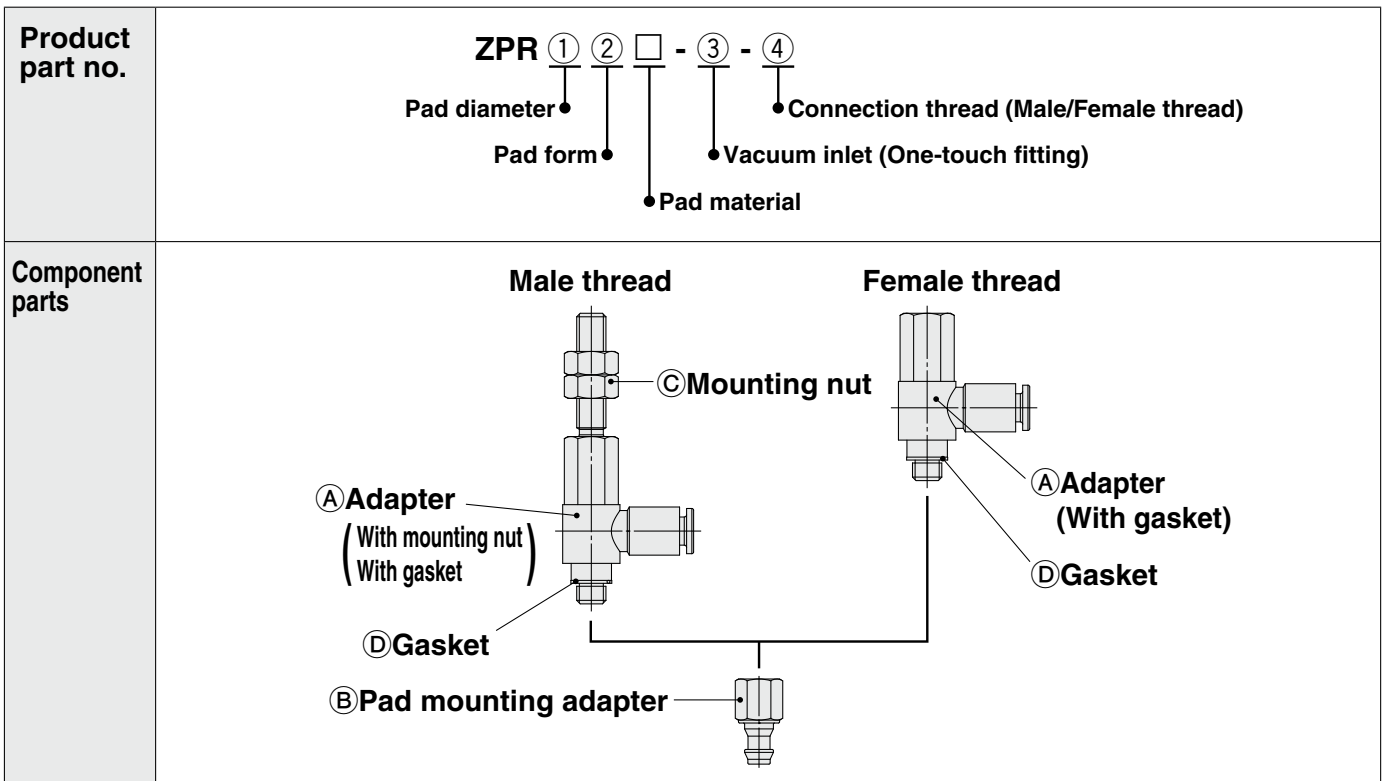
Adapter Assembly: Vacuum Inlet Direction **Vertical** T Type/ZP□T

Product part no.	<p style="text-align: center;">ZP □ T ① ② □ - (③/④)</p> <p style="text-align: center;">Adapter material (Brass/Stainless steel) Connection thread (Male thread)</p> <p style="text-align: center;">Pad diameter Vacuum inlet (Male/Female thread)</p> <p style="text-align: center;">Pad form Pad material</p>		
Component parts	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>③ Gasket</p> <p>① Adapter (With gasket)</p>  <p>Male thread</p> <p>Thin flat type/Thin flat type with ribs: ø10 to ø16</p> </div> <div style="text-align: center;"> <p>Male thread</p>  <p>② Mounting nut</p> <p>① Adapter (With mounting nut)</p> <p>ø10 to ø50</p> </div> <div style="text-align: center;"> <p>Female thread</p>  <p>① Adapter</p> <p>ø02 to ø50</p> </div> </div>		

		Symbol		① Pad diameter symbol																
				02	04	06	08	10	13	16	10	13	16	20	25	32	40	50		
② Pad form	Flat type		U	●	●	●	●	—	—	—	●	●	●	●	●	●	●	●		
	Flat type with ribs		C	—	—	—	—	—	—	—	●	●	●	●	●	●	●	●		
	Bellows type		B	—	—	●	●	—	—	—	●	●	●	●	●	●	●	●		
	Thin flat type		UT	—	—	—	—	●	●	●	—	—	—	—	—	—	—	—		
	Thin flat type with ribs		CT	—	—	—	—	—	●	●	●	—	—	—	—	—	—	—		
	Deep type		D	—	—	—	—	—	—	—	—	●	—	●	—	●	—	●		
④ Connection thread	Male thread	M5 x 0.8	A5	—	—	—	—	—	—	—	●	●	●	—	—	—	—			
		M6 x 1	A6	—	—	—	—	—	—	—	●	●	●	●	●	●	●	●		
		M8 x 1	A8	—	—	—	—	—	—	—	—	—	—	●	●	●	●	●		
① Adapter	③ Vacuum inlet	Male thread	M5 x 0.8	Adapter material	Brass		ZPT1-A5										—			
				Stainless steel	MS-5AU-6-X112										—					
			M6 x 1	A6	ZP□T1-A6										—					
		Female thread	M3 x 0.5	Nil	—										ZP□T2-(A5/A6)		ZP□T3-A6		ZP□T4-A6	
			M5 x 0.8	Nil	—										—		ZP□T3-A8		ZP□T4-A8	
			M4 x 0.7	B4	ZP□T1-B4										—					
			M5 x 0.8	B5	ZP□T1-B5										ZP□T2-B5		ZP□T3-B5		—	
			M6 x 1	B6	—										ZP□T2-B6		ZP□T3-B6		ZP□T4-B6	
			M8 x 1.25	B8	—										—		ZP□T3-B8		ZP□T4-B8	
			Rc1/8	B01	—										ZP□T2-B01		ZP□T3-B01		ZP□T4-B01	
NPT1/8	N01	—										ZPT2-N01		ZPT3-N01		ZPT4-N01				
NPTF1/8	T01	—										ZPT2-T01		ZPT3-T01		ZPT4-T01				
② Mounting nut (Single unit)	Adapter material	Brass	M5 x 0.8	—										NTJ-015A		—				
			M6 x 1	—										SNJ-006C						
			M8 x 1	—										—		RB08J				
		Stainless steel	M5 x 0.8	—										ZPSNA-M5		—				
			M6 x 1	—										ZPSNA-M6						
			M8 x 1	—										—		ZPSNA-M8				
③ Gasket (Single unit)	Adapter material	Brass	For M5 x 0.8	10 pcs.*1	ZP-5G2										—					
				100 pcs.*1	M-5G2										—					
			For M6 x 1	10 pcs.*1	ZP-6G2										—					
				100 pcs.*1	M-6G										—					
		Stainless steel	For M5 x 0.8	10 pcs.*1	M-5G3										—					
			For M6 x 1	1 pc.*1	M-6G-X34										—					

*1 The gasket (single unit) sales unit is shown.

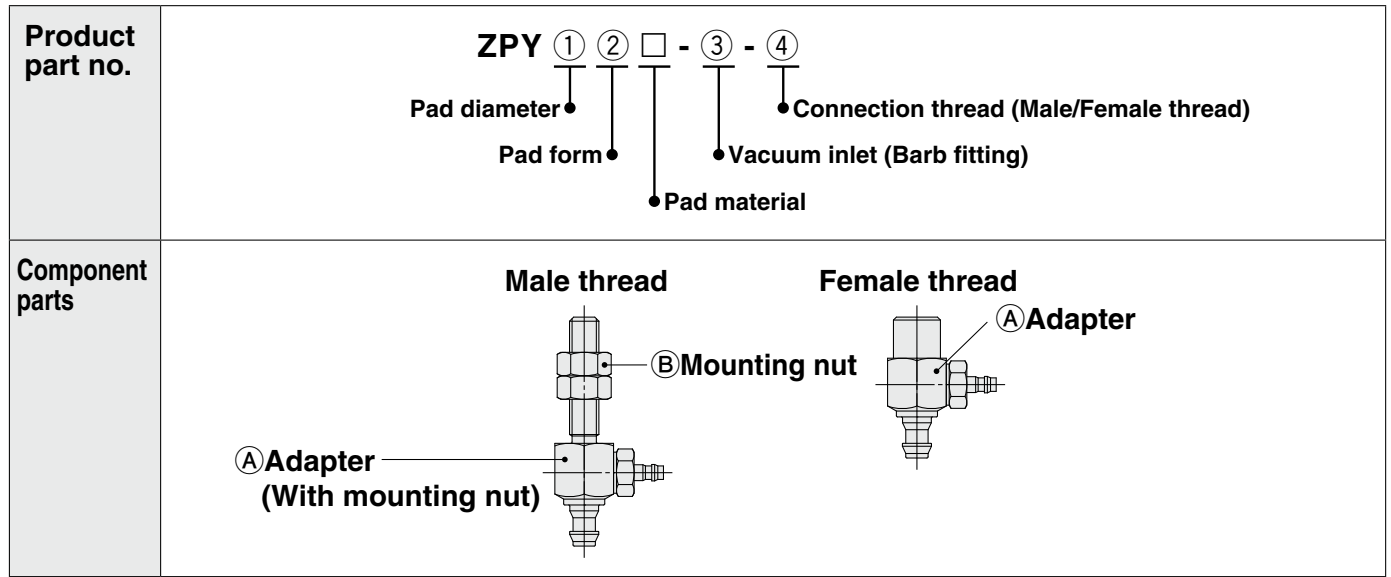
Adapter Assembly: With One-touch Fitting, Vacuum Inlet Direction Lateral R Type/ZPR



		Symbol	① Pad diameter symbol														
			02	04	06	08	10	13	16	10	13	16	20	25	32	40	50
② Pad form	Flat type	U	●	●	●	●	—	—	—	●	●	●	●	●	●	●	●
	Flat type with ribs	C	—	—	—	—	—	—	—	●	●	●	●	●	●	●	●
	Bellows type	B	—	—	●	●	—	—	—	●	●	●	●	●	●	●	●
	Thin flat type	UT	—	—	—	—	●	●	●	—	—	—	—	—	—	—	—
	Thin flat type with ribs	CT	—	—	—	—	●	●	●	—	—	—	—	—	—	—	—
	Deep type	D	—	—	—	—	—	—	—	●	—	●	—	●	—	●	—
③ Vacuum inlet (One-touch fitting)	④ Connection thread	Male thread	M5 x 0.8	A5	ZPRS-04-A5						ZPRS-04-A5			—		—	
			M6 x 1	A6	ZPRS-04-A6						ZPRS-04-A6			ZPRL-04-A6		—	
			M8 x 1	A8	—						—			ZPRL-04-A8		—	
		Female thread	M4 x 0.7	B4	ZPRS-04-B4						—			—		—	
			M5 x 0.8	B5	ZPRS-04-B5						ZPRS-04-B5			ZPRL-04-B5		—	
			M6 x 1	B6	—						ZPRS-04-B6			ZPRL-04-B6		—	
	④ Connection thread	Male thread	M5 x 0.8	A5	ZPRS-06-A5						ZPRS-06-A5			—		—	
			M6 x 1	A6	ZPRS-06-A6						ZPRS-06-A6			ZPRL-06-A6		ZPRL-06-A6	
			M8 x 1	A8	—						—			ZPRL-06-A8		ZPRL-06-A8	
		Female thread	M4 x 0.7	B4	ZPRS-06-B4						—			—		—	
			M5 x 0.8	B5	ZPRS-06-B5						ZPRS-06-B5			ZPRL-06-B5		—	
			M6 x 1	B6	—						ZPRS-06-B6			ZPRL-06-B6		ZPRL-06-B6	
④ Connection thread	Male thread	M6 x 1	A6	—						—			ZPRL-08-A6		ZPRL-08-A6		
		M8 x 1	A8	—						—			ZPRL-08-A8		ZPRL-08-A8		
		M5 x 0.8	B5	—						—			ZPRL-08-B5		—		
	Female thread	M6 x 1	B6	—						—			ZPRL-08-B6		ZPRL-08-B6		
		M8 x 1.25	B8	—						—			ZPRL-08-B8		ZPRL-08-B8		
		M8 x 1.25	B8	—						—			ZPRL-08-B8		ZPRL-08-B8		
⑤ Pad mounting adapter			ZPT1-B5						ZPT2-B5			ZPT3-B8		ZPT4-B8			
⑥ Mounting nut (Single unit)		M5 x 0.8	NTJ-015A						NTJ-015A			—		—			
		M6 x 1	SNJ-006C						SNJ-006C			SNJ-006C		SNJ-006C			
		M8 x 1	—						—			RB08J		RB08J			
⑦ Gasket (Single unit)		10 pcs.*1	ZP-5G2						ZP-5G2			ZP-8G2		ZP-8G2			
		100 pcs.*1	M-5G2						M-5G2			—		—			

*1 The gasket (single unit) sales unit is shown.

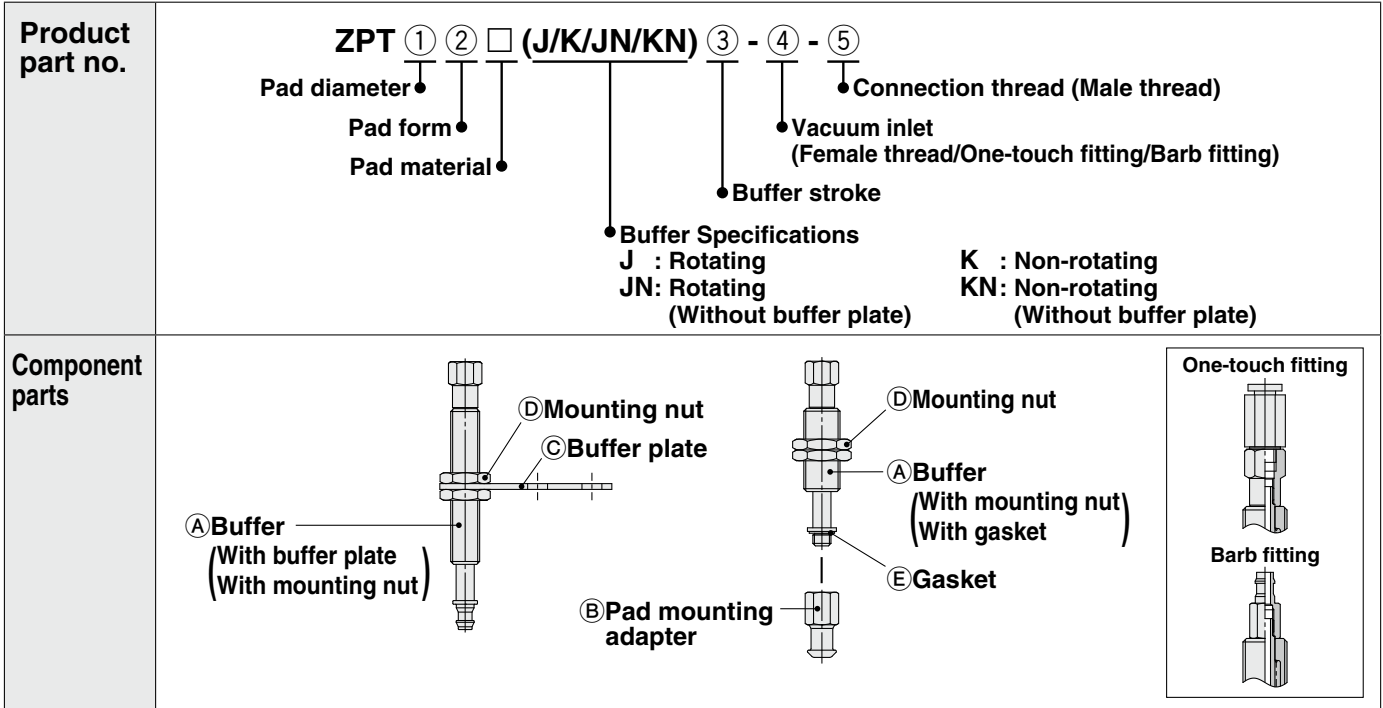
Adapter Assembly: With Barb Fitting, Vacuum Inlet Direction Lateral Y Type/ZPY



		Symbol	① Pad diameter symbol															
			02	04	06	08	10	13	16	10	13	16	20	25	32	40	50	
② Pad form	Flat type	U	●	●	●	●	—	—	—	●	●	●	●	●	●	●	●	
	Flat type with ribs	C	—	—	—	—	—	—	—	●	●	●	●	●	●	●	●	
	Bellows type	B	—	—	●	●	—	—	—	●	●	●	●	●	●	●	●	
	Thin flat type	UT	—	—	—	—	●	●	●	—	—	—	—	—	—	—	—	
	Thin flat type with ribs	CT	—	—	—	—	●	●	●	—	—	—	—	—	—	—	—	
	Deep type	D	—	—	—	—	—	—	—	●	—	●	—	●	—	●	—	
④ Adapter	③ Vacuum inlet (Barb fitting)	For nylon tubing	ø4 N4	④ Connection thread	Male thread	M5 x 0.8	A5	ZPY1-N4-A5				ZPY2-N4-A5			—		—	
					Male thread	M6 x 1	A6	ZPY1-N4-A6				ZPY2-N4-A6			ZPY3-N4-A6		—	
					Male thread	M8 x 1	A8	—				—			ZPY3-N4-A8		—	
			Female thread		M4 x 0.7	B4	ZPY1-N4-B4				—			—		—		
			Female thread		M5 x 0.8	B5	ZPY1-N4-B5				ZPY2-N4-B5			ZPY3-N4-B5		—		
			Female thread		M6 x 1	B6	—				ZPY2-N4-B6			ZPY3-N4-B6		—		
		Female thread	M8 x 1.25	B8	—				—			ZPY3-N4-B8		—				
		ø6 N6	Male thread	M5 x 0.8	A5	ZPY1-N6-A5				ZPY2-N6-A5			—		—			
			Male thread	M6 x 1	A6	ZPY1-N6-A6				ZPY2-N6-A6			ZPY3-N6-A6		ZPY4-N6-A6			
			Male thread	M8 x 1	A8	—				—			ZPY3-N6-A8		ZPY4-N6-A8			
			Female thread	M4 x 0.7	B4	ZPY1-N6-B4				—			—		—			
			Female thread	M5 x 0.8	B5	ZPY1-N6-B5				ZPY2-N6-B5			ZPY3-N6-B5		—			
	Female thread		M6 x 1	B6	—				ZPY2-N6-B6			ZPY3-N6-B6		ZPY4-N6-B6				
	For soft tubing	ø4 U4	④ Connection thread	Male thread	M5 x 0.8	A5	ZPY1-U4-A5				ZPY2-U4-A5			—		—		
				Male thread	M6 x 1	A6	ZPY1-U4-A6				ZPY2-U4-A6			ZPY3-U4-A6		—		
				Male thread	M8 x 1	A8	—				—			ZPY3-U4-A8		—		
				Female thread	M4 x 0.7	B4	ZPY1-U4-B4				—			—		—		
				Female thread	M5 x 0.8	B5	ZPY1-U4-B5				ZPY2-U4-B5			ZPY3-U4-B5		—		
				Female thread	M6 x 1	B6	—				ZPY2-U4-B6			ZPY3-U4-B6		—		
		ø6 U6	④ Connection thread	Male thread	M5 x 0.8	A5	ZPY1-U6-A5				ZPY2-U6-A5			—		—		
				Male thread	M6 x 1	A6	ZPY1-U6-A6				ZPY2-U6-A6			ZPY3-U6-A6		ZPY4-U6-A6		
				Male thread	M8 x 1	A8	—				—			ZPY3-U6-A8		ZPY4-U6-A8		
				Female thread	M4 x 0.7	B4	ZPY1-U6-B4				—			—		—		
				Female thread	M5 x 0.8	B5	ZPY1-U6-B5				ZPY2-U6-B5			ZPY3-U6-B5		—		
Female thread				M6 x 1	B6	—				ZPY2-U6-B6			ZPY3-U6-B6		ZPY4-U6-B6			
③ Mounting nut (Single unit)			M5 x 0.8	NTJ-015A				—			—		—					
			M6 x 1	SNJ-006C				SNJ-006C			SNJ-006C		SNJ-006C					
			M8 x 1	—				—			RB08J		RB08J					

Model Selection
ZP Basic
Flat Type
Flat Type with Ribs
Flat, Ball Joint Type
Bellows Type
Thin Flat Type
Thin Flat Type with Ribs
Deep Type
Construction
Mounting Bracket Assembly
Precautions

Buffer Assembly: Vacuum Inlet Direction Vertical T Type/ZPT

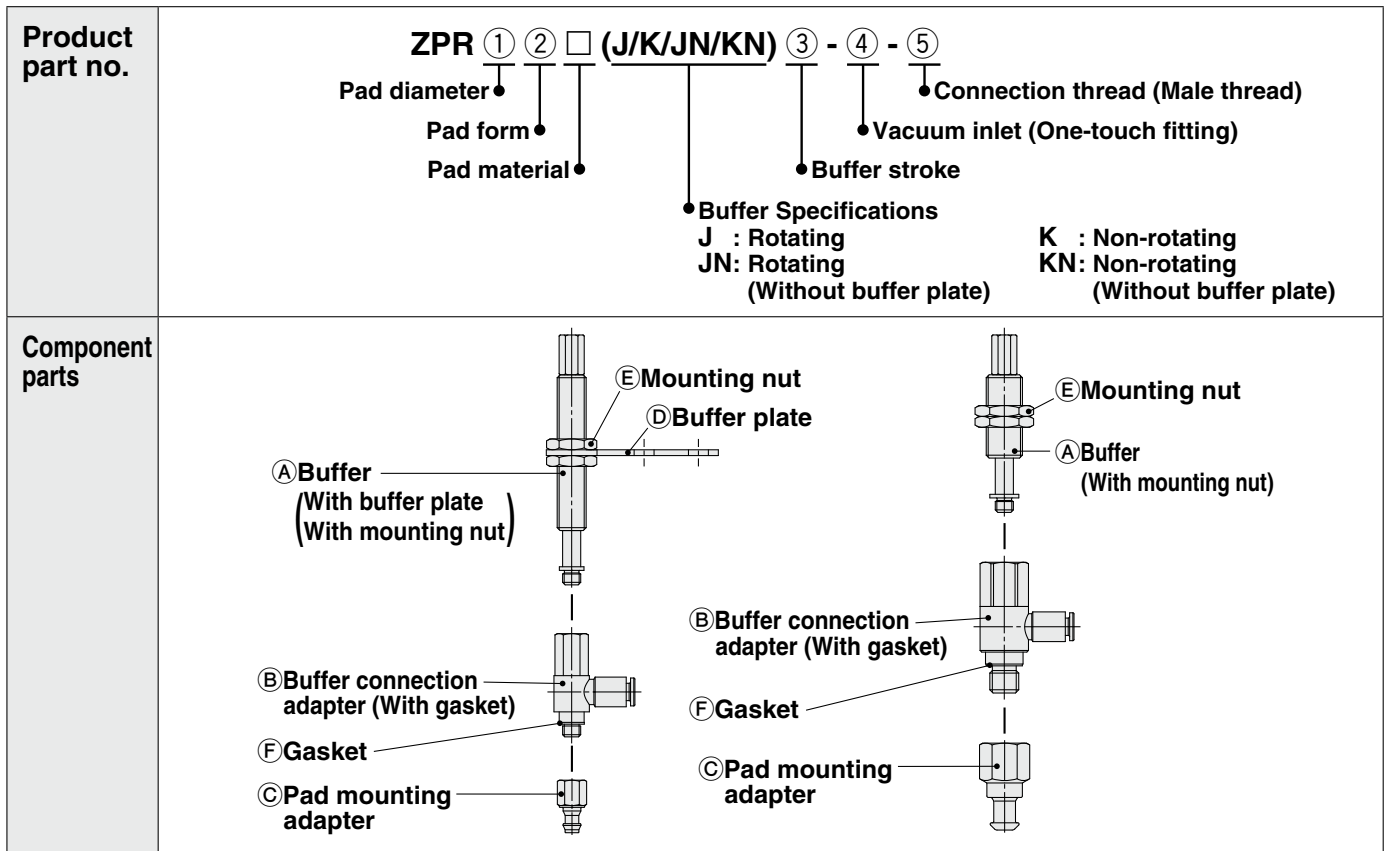


		Symbol	① Pad diameter symbol																
			02	04	06	08	10	13	16	10	13	16	20	25	32	40	50		
② Pad form	Flat type	U	●	●	●	●	—	—	—	●	●	●	●	●	●	●	●		
	Flat type with ribs	C	—	—	—	—	—	—	—	●	●	●	●	●	●	●	●		
	Bellows type	B	—	—	●	●	—	—	—	●	●	●	●	●	●	●	●		
	Thin flat type	UT	—	—	—	—	●	●	●	—	—	—	—	—	—	—	—		
	Thin flat type with ribs	CT	—	—	—	—	—	●	●	●	—	—	—	—	—	—	—		
	Deep type	D	—	—	—	—	—	—	—	—	●	●	—	—	—	—	—		
Buffer Specifications	Rotating	With buffer plate	J	●	●	●	●	●	●	—	—	—	—	—	—	—	—		
		Without buffer plate	JN	●	●	●	●	●	●	—	—	—	—	—	—	—	—	—	
	Non-rotating	With buffer plate	K	●	●	●	●	●	●	—	—	—	—	—	—	—	—	—	
		Without buffer plate	KN	●	●	●	●	●	●	—	—	—	—	—	—	—	—	—	
③ Buffer stroke	Stroke	6	●	●	●	●	●	●	—	—	—	—	—	—	—	—	—		
		10	●	●	●	●	●	●	—	—	—	—	—	—	—	—	—	—	
		15	●	●	●	●	●	●	—	—	—	—	—	—	—	—	—	—	
		20	—	—	—	—	—	—	—	—	●	●	—	—	—	—	—	—	
		25	●	●	●	●	●	●	—	—	—	—	—	—	—	—	—	—	
		30	—	—	—	—	—	—	—	—	—	●	●	—	—	—	—	—	
		40	—	—	—	—	—	—	—	—	—	—	●	●	—	—	—	—	
		50	—	—	—	—	—	—	—	—	—	—	—	●	●	—	—	—	
		⑤ Connection thread	Male thread	M8 x 1	A8	—	—	●	—	—	—	—	—	—	—	—	—	—	—
				M10 x 1	A10	—	—	—	—	—	—	—	—	●	—	—	—	—	—
M14 x 1	A14			—	—	—	—	—	—	—	—	—	—	—	—	—	—	●	
④ Vacuum inlet	Female thread	M3 x 0.5	B3	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
		M5 x 0.8	B5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
		Rc1/8	B01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
		NPT1/8	N01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
		NPTF1/8	T01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	One-touch fitting	ø4	04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
		ø6	06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
		ø8	08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Barb fitting	For ø4 nylon tubing	N4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
		For ø6 nylon tubing	N6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
		For ø4 soft tubing	U4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
		For ø6 soft tubing	U6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
⑥ Pad mounting adapter										ZPT2-B5	ZPT3-B5	ZPT4-B8							
⑦ Buffer plate (Single unit)																			
⑧ Mounting nut (Single unit)																			
⑨ Gasket (Single unit)																			
			10 pcs.*1																
			100 pcs.*1																

*1 The gasket (single unit) sales unit is shown.

[Buffer assembly part number example]
Product part no. ZPT08UN J 10 - 04 - A8
Buffer assembly ZPB1 J 10 - 04
 ③ Buffer stroke

Buffer Assembly: With One-touch Fitting, Vacuum Inlet Direction Lateral R Type/ZPR



		Symbol	① Pad diameter symbol																
			02	04	06	08	10	13	16	10	13	16	20	25	32	40	50		
② Pad form	Flat type	U	●	●	●	●	—	—	—	●	●	●	●	●	●	●	●		
	Flat type with ribs	C	—	—	—	—	—	—	—	●	●	●	●	●	●	●	●		
	Bellows type	B	—	—	●	●	—	—	—	●	●	●	●	●	●	●	●		
	Thin flat type	UT	—	—	—	—	●	●	●	—	—	—	—	—	—	—	—		
	Thin flat type with ribs	CT	—	—	—	—	●	●	●	—	—	—	—	—	—	—	—		
Buffer Specifications	Rotating	With buffer plate	J	●	●	●	●	●	●	—	—	—	—	—	—	—	—		
		Without buffer plate	JN	●	●	●	●	●	●	—	—	—	—	—	—	—	—	—	
	Non-rotating	With buffer plate	K	●	●	●	●	●	●	—	—	—	—	—	—	—	—	—	
		Without buffer plate	KN	●	●	●	●	●	●	—	—	—	—	—	—	—	—	—	
	③ Buffer stroke	Stroke	6	●	●	●	●	●	●	●	—	—	—	—	—	—	—	—	
10			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
15			●	●	●	●	●	●	●	—	—	—	—	—	—	—	—	—	
20			—	—	—	—	—	—	—	●	●	●	●	●	●	●	●	●	
25			●	●	●	●	●	●	●	—	—	—	—	—	—	—	—	—	
30			—	—	—	—	—	—	—	●	●	●	●	●	●	●	●	●	
40			—	—	—	—	—	—	—	—	—	—	—	●	●	●	●	●	
⑤ Connection thread	Male thread	M8 x 1	A8	—	—	—	●	—	—	—	—	—	—	—	—	—	—		
		M10 x 1	A10	—	—	—	—	—	—	—	●	—	—	●	—	—	—	—	
		M14 x 1	A14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	●	
④ Buffer			ZPB1(J/K/JN/KN)③						ZPB2(J/K)③			ZPB2(J/K)③			ZPB3(J/K)③				
⑥ Buffer connection adapter	④ Vacuum inlet	One-touch fitting	ø4	04	ZPRS-04-B5						ZPRS-04-B5			ZPRL-04-B5			—		
			ø6	06	ZPRS-06-B5						ZPRS-06-B5			ZPRL-06-B5			ZPRL-06-B8		
			ø8	08	—						—			ZPRL-08-B5			ZPRL-08-B8		
⑦ Pad mounting adapter			ZPT1-B5						ZPT2-B5			ZPT3-B8			ZPT4-B8				
⑧ Buffer plate (Single unit)			ZPB1						—			—			—				
⑨ Mounting nut (Single unit)			RB08J						ZPNA-M10			ZPNA-M10			ZPNA-M14				
⑩ Gasket (Single unit)			10 pcs.*1		ZP-5G2						ZP-5G2			ZP-8G2			ZP-8G2		
			100 pcs.*1		M-5G2						M-5G2			—			—		

*1 The gasket (single unit) sales unit is shown.

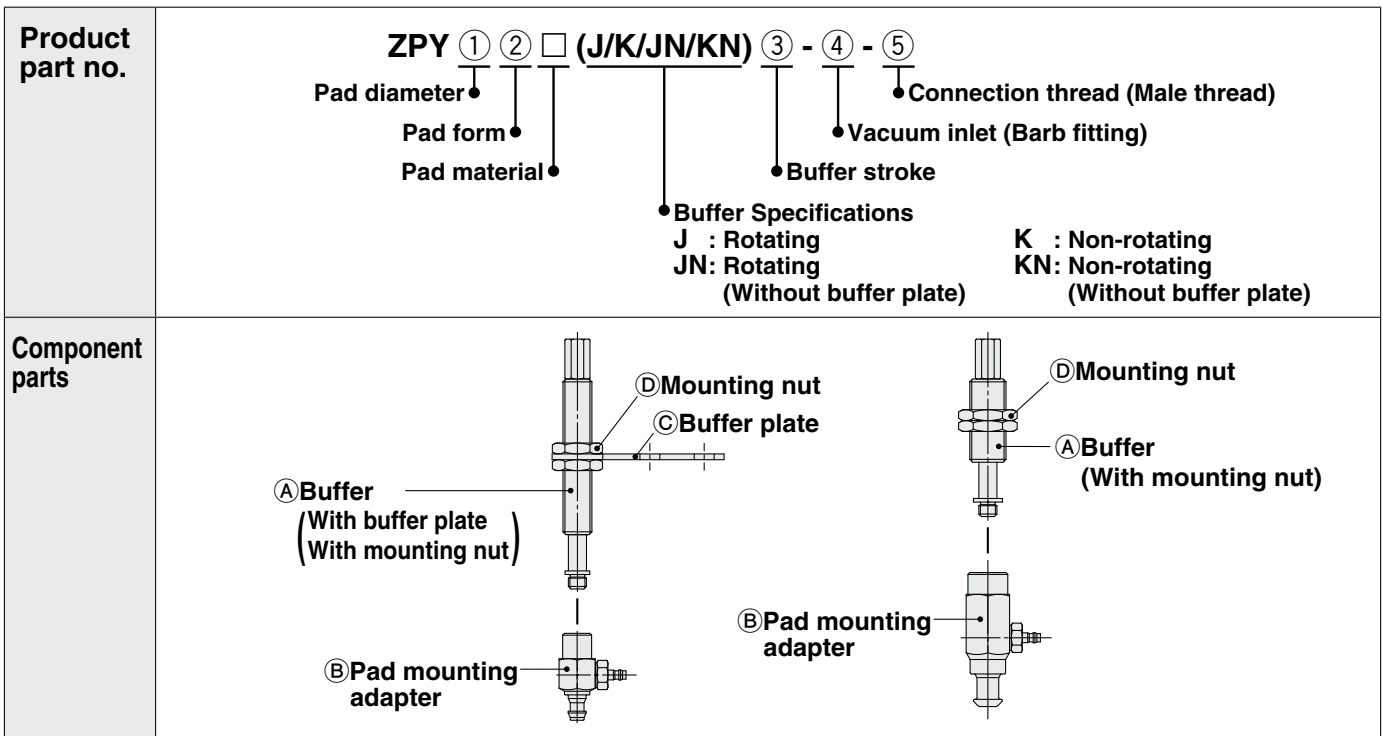
[Buffer assembly part number example]

Product part no. ZPR10BN K 20 - 04 - A10

Buffer assembly ZPB2 K 20

③ Buffer stroke

Buffer Assembly: With Barb Fitting, Vacuum Inlet Direction [Lateral] Y Type/ZPY



		Symbol	① Pad diameter symbol																
			02	04	06	08	10	13	16	10	13	16	20	25	32	40	50		
② Pad form	Flat type	U	●	●	●	●	—	—	—	●	●	●	●	●	●	●	●		
	Flat type with ribs	C	—	—	—	—	—	—	—	●	●	●	●	●	●	●	●		
	Bellows type	B	—	—	●	●	—	—	—	●	●	●	●	●	●	●	●		
	Thin flat type	UT	—	—	—	—	●	●	●	—	—	—	—	—	—	—	—		
	Thin flat type with ribs	CT	—	—	—	—	●	●	●	—	—	—	—	—	—	—	—		
Buffer Specifications	Rotating	With buffer plate	J	●	●	●	●	●	●	—	—	—	—	—	—	—	—		
		Without buffer plate	JN	●	●	●	●	●	●	—	—	—	—	—	—	—	—	—	
	Non-rotating	With buffer plate	K	●	●	●	●	●	●	—	—	—	—	—	—	—	—	—	
		Without buffer plate	KN	●	●	●	●	●	●	—	—	—	—	—	—	—	—	—	
③ Buffer stroke	Stroke	6	●	●	●	●	●	●	●	—	—	—	—	—	—	—	—		
		10	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
		15	●	●	●	●	●	●	●	—	—	—	—	—	—	—	—	—	
		20	—	—	—	—	—	—	—	●	●	●	●	●	●	●	●	●	
		25	●	●	●	●	●	●	●	—	—	—	—	—	—	—	—	—	
		30	—	—	—	—	—	—	—	●	●	●	●	●	●	●	●	●	
		40	—	—	—	—	—	—	—	●	●	●	●	●	●	●	—	—	
		50	—	—	—	—	—	—	—	●	●	●	●	●	●	●	●	●	
⑤ Connection thread	Male thread	M8 x 1	A8	●					—					—					
		M10 x 1	A10	—					●					●					
		M14 x 1	A14	—					—					●					
(A) Buffer		ZPB1(J/K/JN/KN)③								ZPB2(J/K)③			ZPB2(J/K)③			ZPB3(J/K)③			
(B) Pad mounting adapter	④ Vacuum inlet Barb fitting	For ø4 nylon tubing	N4	ZPY1-N4-B5								ZPY2-N4-B5			ZPY3-N4-B5			—	
		For ø6 nylon tubing	N6	ZPY1-N6-B5								ZPY2-N6-B5			ZPY3-N6-B5			ZPY4-N6-B8	
		For ø4 soft tubing	U4	ZPY1-U4-B5								ZPY2-U4-B5			ZPY3-U4-B5			—	
		For ø6 soft tubing	U6	ZPY1-U6-B5								ZPY2-U6-B5			ZPY3-U6-B5			ZPY4-U6-B8	
(C) Buffer plate (Single unit)		ZPB1								—			—			—			
(D) Mounting nut (Single unit)		RB08J								ZPNA-M10			ZPNA-M10			ZPNA-M14			

[Buffer assembly part number example]

Product part no. ZPY50CN J 50 - N6 - A14
 Buffer assembly ZPB3 J 50
 ③ Buffer stroke

Ball Joint Type Basic Pad **ZP Series** Mounting Bracket Assembly

Adapter Assembly: Vacuum Inlet Direction **Vertical** T Type/ZPT□F

Product part no.	<p>ZPT ① F □ - ② - ③</p> <p>Pad diameter ● Pad material ● Vacuum inlet (Female thread) ● Connection thread (Male thread) ●</p>
Component parts	<p>① Adapter (With mounting nut) ② Mounting nut</p>

		Symbol		Symbol	① Pad diameter symbol											
					10	13	16	20	25	32	40	50				
① Adapter	② Vacuum inlet Female thread	M5 x 0.8	B5	③ Connection thread Male thread	M8 x 1	A8			ZPTF1-B5-A8			—				
					M10 x 1	A10			—			ZPTF2-B5-A10			—	
					M14 x 1	A14			—			—			ZPTF3-B5-A14	
		② Mounting nut (Single unit)				M8 x 1	RB08J			—			—			
						M10 x 1	—			ZPNA-M10			—			
						M14 x 1	—			—			ZPNA-M14			

Adapter Assembly: Vacuum Inlet Direction **Vertical** T Type/ZPT□F

Product part no.	<p>ZPT ① F □ - ②</p> <p>Pad diameter ● Pad material ● Vacuum inlet (Female thread) ●</p>
Component parts	<p>① Adapter</p>

		Symbol	① Pad diameter symbol								
			10	13	16	20	25	32	40	50	
① Adapter	② Vacuum inlet Female thread	M5 x 0.8	B5	ZPTF1-B5			ZPTF2-B5			—	
		M8 x 1.25	B8	—			ZPTF2-B8			ZPTF3-B8	
		Rc1/8	B01	—			ZPTF2-B01			ZPTF3-B01	
		NPT1/8	N01	—			ZPTF2-N01			ZPTF3-N01	
		NPTF1/8	T01	—			ZPTF2-T01			ZPTF3-T01	

■ Adapter Assembly: With One-touch Fitting, Vacuum Inlet Direction **Lateral** R Type/ZPR□F

Product part no.	<p>ZPR ① F □ - ② - ③</p> <p>Pad diameter ● Pad material ● Vacuum inlet (One-touch fitting) ● Connection thread (Female thread) ●</p>
Component parts	<p>Ⓐ Adapter</p>

	Symbol	Symbol	① Pad diameter symbol										
			10	13	16	20	25	32	40	50			
Ⓐ Adapter	② Vacuum inlet One-touch fitting	ø4	04	M5 x 0.8			B5	ZPRF1-04-B5		—		—	
		ø6	06	M5 x 0.8			B5	ZPRF1-06-B5		ZPRF2-06-B5		ZPRF3-06-B5	
	③ Connection thread Female thread	ø8	08	M8 x 1.25			B8	—		ZPRF2-06-B8		ZPRF3-06-B8	
				M5 x 0.8			B5	—		ZPRF2-08-B5		ZPRF3-08-B5	
		M8 x 1.25			B8	—		ZPRF2-08-B8		ZPRF3-08-B8		—	
		M5 x 0.8			B5	—		ZPRF2-08-B5		ZPRF3-08-B5		—	

Model Selection

ZP Basic

Flat Type

Flat Type with Ribs

Flat, Ball Joint Type

BelloWS Type

Thin Flat Type

Thin Flat Type with Ribs

Deep Type

Construction

Mounting Bracket Assembly

Precautions

Buffer Assembly: Vacuum Inlet Direction Vertical T Type/ZPT□F

Product part no.	ZPT ① F □ (J/K) ② - ③ - ④ Pad diameter Pad material Connection thread (Male thread) Pad material Vacuum inlet (Female thread/One-touch fitting) J: Rotating, K: Non-rotating Buffer stroke
Component parts	<p>① Buffer (With mounting nut / With gasket) ② Mounting nut ③ Gasket ④ Pad mounting adapter</p> <p style="text-align: right;">One-touch fitting</p>

		Symbol	① Pad diameter symbol							
			10	13	16	20	25	32	40	50
② Buffer stroke	Stroke	10	●	●	●	●	●	●	●	●
		20	●	●	●	●	●	●	●	●
		30	●	●	●	●	●	●	●	●
		40	●	●	●	—	—	—	—	—
		50	●	●	●	●	●	●	●	●
④ Connection thread	Male thread	M10 x 1	A10			—		—		
		M14 x 1	A14			●		●		
③ Buffer	Female thread	M5 x 0.8	B5			ZPB2(J/K)③-B5		—		
		Rc1/8	B01			ZPB3(J/K)②-B01		ZPB3(J/K)②-B01		
		NPT1/8	N01			ZPB3(J/K)②-N01		ZPB3(J/K)②-N01		
		NPTF1/8	T01			ZPB3(J/K)②-T01		ZPB3(J/K)②-T01		
	One-touch fitting	ø4	04			ZPB2(J/K)③-04		—		
		ø6	06			ZPB2(J/K)③-06		ZPB3(J/K)②-06		ZPB3(J/K)②-06
		ø8	08			—		ZPB3(J/K)②-08		ZPB3(J/K)②-08
⑤ Pad mounting adapter				ZPTF1-B5			ZPTF2-B8		ZPTF3-B8	
⑥ Mounting nut (Single unit)	M10 x 1		ZPNA-M10			—		—		
	M14 x 1		—			ZPNA-M14		ZPNA-M14		
⑦ Gasket (Single unit)	10 pcs.*1		ZP-5G2			ZP-8G2		ZP-8G2		
	100 pcs.*1		M-5G2			—		—		

*1 The gasket (single unit) sales unit is shown.

[Buffer assembly part number example]

Product part no. **ZPT20FN J 10 - 06 - A14**

Buffer assembly **ZPB3 J 10**

② Buffer stroke

Buffer Assembly: With One-touch Fitting, Vacuum Inlet Direction Lateral R Type/ZPR□F

Product part no.	<p>ZPR ① F □ (J/K) ② - ③ - ④</p> <p>● Pad diameter</p> <p>● Pad material</p> <p>J: Rotating, K: Non-rotating</p> <p>● Connection thread (Male thread)</p> <p>● Vacuum inlet (One-touch fitting)</p> <p>● Buffer stroke</p>
Component parts	<p>③ Mounting nut</p> <p>① Buffer (With mounting nut)</p> <p>② Pad mounting adapter</p>

		Symbol	① Pad diameter symbol								
			10	13	16	20	25	32	40	50	
② Buffer stroke	Stroke	10	●	●	●	●	●	●	●	●	
		20	●	●	●	●	●	●	●	●	
		30	●	●	●	●	●	●	●	●	
		40	●	●	●	—	—	—	—	—	
		50	●	●	●	●	●	●	●	●	
④ Connection thread	Male thread	M10 x 1	A10			—		—			
		M14 x 1	A14			●		●			
③ Buffer			ZPB2(J/K)②			ZPB3(J/K)②		ZPB3(J/K)②			
③ Pad mounting adapter	③ Vacuum inlet One-touch fitting	ø4	04			ZPRF1-04-B5		—		—	
		ø6	06			ZPRF1-06-B5		ZPRF2-06-B8		ZPRF3-06-B8	
		ø8	08			—		ZPRF2-08-B8		ZPRF3-08-B8	
③ Mounting nut (Single unit)		M10 x 1	ZPNA-M10			—		—			
		M14 x 1	—			ZPNA-M14		ZPNA-M14			

[Buffer assembly part number example]

Product part no. ZPR10FN K 30 - 06 - A10
 Buffer assembly ZPB2 K 30
 ② Buffer stroke