

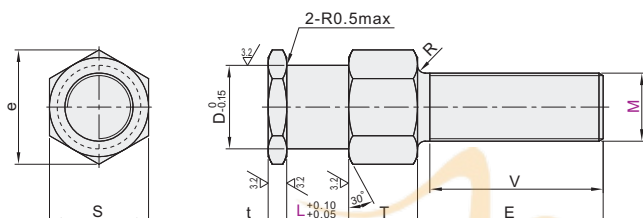
Threaded Type/Tapped Type

Quick Connection Type

Floating Joints

Threaded Type

Code	Type	Material		Surface Treatment	Surface Hardness
		GB	Equiv.		
WHC01	Threaded Type	45	S45C	Hard Chrome Plating	750HV~



Inventory Self-made



The first perspective

Part Number		Pitch	L				T	t	D	S	e	E	V	R
Code	M		4	5	6	8								
WHC01	5	0.8	4	5			5		6	8	9.2	13	11	1
	6	1.0	4	5	6		6	3	7	10	11.5	19	17	1.5
	8	1.25		5	6	8	8	4	10	14	16.2	20	18	
	10	1.5			6	8	9		13	17	19.6	24	21	2



Please order as shown

Part Number	M	Pitch	L
WHC01	5	0.8	4 5
	6	1.0	4 5 6

WHC01 - M5 - 0.8 - L4



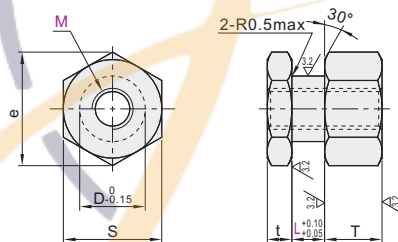
Discount price	
Per	1~19 20~
Price	100% Additional quotation



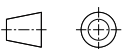
Delivery	
	10

Tapped Type

Code	Type	Material		Surface Treatment	Surface Hardness
		GB	Equiv.		
WHC31	Tapped Type	45	S45C	Hard Chrome Plating	750HV~



Inventory Self-made



The first perspective

型号			L										T	t	D	S	e
代码	M	螺距															
WHC31	3	0.5	2 3 4 5 6										5	3	6	8	9.2
	4	0.7	2 3 4 5 6 8										6		7	10	11.5
	5	0.8	3 4 5 6 8 9 10										7		8	12	13.9
	6	1.0	3 4 5 6 8 9 10 12										8	9	10	14	16.2
	8	1.0	4 5 6 8 9 10 12 13 15 16										9		13	17	19.6
		1.25	4 5 6 8 9 10 12 13 15 16														
	10	1.25	4 5 6 8 9 10 12 13 15 16										11	4	16	21	24.2
		1.5	4 5 6 8 9 10 12 13 15 16														
	12	1.25	5 6 8 9 10 12 13 15 16 19 20										12			18	23
	14		5 6 8 9 10 12 13 15 16 19 20										13	21		26	30
	16	1.5	8 9 10 12 13 15 16 19 20										15	5		25	30
	18		8 9 10 12 13 15 16 19 20														
22	12 15 20										17	6			27		



Please order as shown

Part Number	M	Pitch	L
WHC31	6	1.0	3 4 5
	8	1.0	4 5

WHC31 - M6 - 1.0 - L5



Discount price	
Per	1~19 20~
Price	100% Additional quotation



Delivery	
	10

Floating Joints(Set)

- ◀ Mount Flange • Standard /Space-Saving
- ◀ Cylinder Connector • Tapped

Code	Type	Mount Flange				Cylinder Connector			
		Material		Surface Hardness	Surface Treatment	Material		Surface Hardness	Surface Treatment
		GB	Equiv.			GB	Equiv.		
WHG01	Standard	45	S45C	48~53HRC	Black Oxide	45	S45C	48~53HRC	Black Oxide
WHG02		9Cr18Mo	SUS440C		—	9Cr18Mo	SUS440C		—
WHG11		45	S45C		Black Oxide	45	S45C		Black Oxide
WHG12	Space Saving	45	S45C	48~53HRC	Black Oxide	9Cr18Mo	SUS440C	Induction Hardened Surface	Black Oxide
WHG41		9Cr18Mo	SUS440C		Black Oxide	45	S45C		Black Oxide
WHG42		45	S45C		Black Oxide	9Cr18Mo	SUS440C		Black Oxide
WHG51	Space Saving	45	S45C	48~53HRC	Black Oxide	45	S45C	Induction Hardened Surface	Black Oxide
WHG52		9Cr18Mo	SUS440C		Black Oxide	9Cr18Mo	SUS440C		Black Oxide



Inventory Self-made

Mount Flange
Round Flange

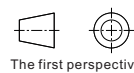
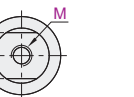
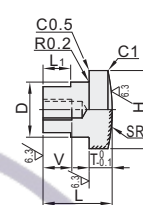
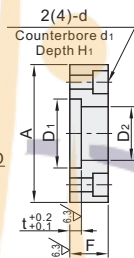
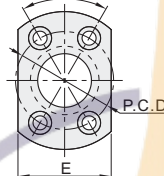
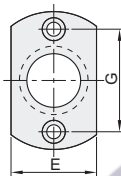
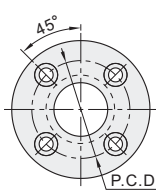
Compact Flange

Cylinder Connector

WHG01/02/41/42

Standard
WHG11/12

Space-Saving
WHG51/52



The first perspective

Standard

Part Number		Mount Flanges										Cylinder Connector									
Code	M	A	D1	D2	t	F	P.C.D	d	d1	H1	E	G	M×Pitch	V	L	D	H	T	W	L1	SR
Round Flange	6	48	20	15	6	12	34	6	9.5	5.5	28	34	6×1.0	12	20	14	19	6	12	8	50
WHG01	8	51	24	17	8	16	37	7	11	6	30	37	8×1.25	14	25	16	23	8	14	10	60
WHG02	10	54	28	21	10	20	40	8	12	6	32	40	10×1.25	15	27	18	26	10	16	12	60
Compact Flange	14	70	36	27	10	20	52	10	14	8	42	52	14×1.5	21	35	25	34	10	22	12	100
WHG11	18	90	46	35	12	24	68	12	17.5	10	54	68	18×1.5	27	45	32	43	12	27	15	100

① SUS440C Equivalent Hardened Type may be discolored due to hardening.

Space-Saving

Part Number		Mount Flanges										Cylinder Connector									
Code	M	A	D1	D2	t	F	P.C.D	d	d1	H1	E	G	M×Pitch	V	L	D	H	T	W	L1	SR
Round Flange	6	34	17	13	5	11	24	4.5	8	5	22	22	6×1.0	12	20	12	16	5	10	6	50
WHG41	8	40	23	17	5	11	30	4.5	8	5	25	25	8×1.25	14	23	16	22	5	13	8	60
WHG42	10	44	26	20	6	12	34	6	9.5	5.5	28	28	10×1.25	15	25	18	24	6	14	10	60
Compact Flange	12	52	32	24	5.5	12	40	6	9.5	5.5	34	34	12×1.25	18	29	22	30	5.5	19	10	100
WHG51	14	62	39	31	8	16	48	7	11	6	41	41	14×1.5	21	33	27	36	8	21	12	100
WHG52	18	82	52	40	10	20	64	10	14	8	54	54	18×1.5	27	41	36	46	10	27	15	100

① Space Saving Type is a special floating joint for air cylinders.

① SUS440C Equivalent Hardened Type may be discolored due to hardening.



Please order as shown

Part Number	Code	No.
WHG01	6	17
WHG02	8	24
WHG02-8	8	24

Optional processing

Part Number	Code	No.	Optional Processing Code
WHG01	6	17	KC40
WHG02	8	24	KC40
WHG02-8	8	24	KC40



Discount price
Per 1~19 20~
Price 100% Additional quotation



Delivery
11

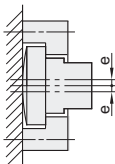


Optional Processing

Code	Spec.												
KC()	Flange Cut												
	<table border="1"> <tr> <th>M</th><th>KC</th></tr> <tr> <td>6</td><td>36</td></tr> <tr> <td>8</td><td>40</td></tr> <tr> <td>10</td><td>42</td></tr> <tr> <td>14</td><td>54</td></tr> <tr> <td>18</td><td>68</td></tr> </table>	M	KC	6	36	8	40	10	42	14	54	18	68
M	KC												
6	36												
8	40												
10	42												
14	54												
18	68												
	Ordering Code KC32 ① Cuts four sides of the flange. ① Applicable to Round Flange Type.												

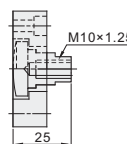
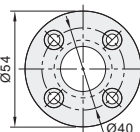
Allowable Misalignment (mm)

M	e
6~10	0.5
12~14	1
18	1.5

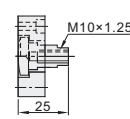
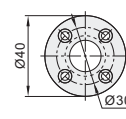


Standard / Space-Saving Comparison

Example: M10
Standard



Space-Saving
45% reduction in area



Mount Flange/Cylinder Connector ▶ Low Hardness Type

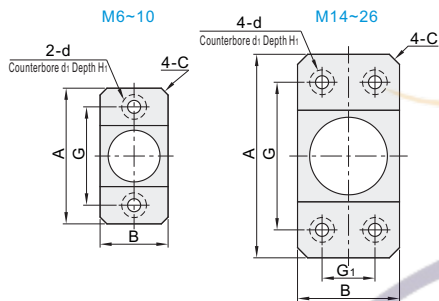
Floating Joints(Set)

Code	Type	Mount Flange			Cylinder Connector			
		Material GB	Material Equiv.	Surface Treatment	Material GB	Material Equiv.	Surface Hardness	Surface Treatment
WHK01	Low Hardness Type	45	S45C	Black Oxide	45	S45C	26~31HRC	Black Oxide
WHK02				Electroless Nickel Plating				Electroless Nickel Plating
WHK06		0Cr18Ni9	SUS304	—	0Cr18Ni9	SUS304	—	—

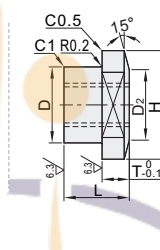
⚠ Since it is a low hardness Type, please use it at low load and low speed.



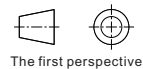
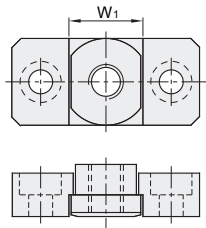
Mount Flange



Cylinder Connector



Assembled



Part Number		Mount Flange													Cylinder Connector							
Code	M	A	G	B	G ₁	W ₁	D ₁	t	F	d	d ₁	H ₁	C	M×Pitch	L	D	D ₂	H	T	W		
WHK01 WHK02 WHK06	6	38	26	16		14	13	4	8	4.5	8	4	2	6×1.0	10	12	11	16	4	13		
	8	43	30	20	—	17	15	5	10	5.5	9.5	5	2	8×1.25	12	14	13	20	5	16		
	10	50	35	24		21	19	7	14	7	11	6	3	10×1.25	16	18	15	24	7	20		
	14	60	45	32	16	27	25	8	16					14×1.5	18	24	20	32	8	26		
	18	75	55	38	20	34.5	31.5	9	18	10	14	8		18×1.5	20	30	26	38	9	33		
	22	90	65	48	25	42	37	11	22	12	17.5	10	4	22×1.5	24	35	30	48	11	40		
	26	100	75	54	30	47	42	13	26					26×1.5	28	40	32	54	13	45		



Part Number		A
Code	M	
WHK01	6	38
WHK02	8	43

WHK02 — M8



Discount price	
Per	1~19 20~
Price	100% Additional quotation



Delivery	
	11

Tapped Type

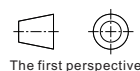
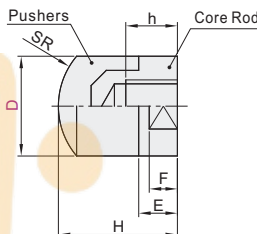
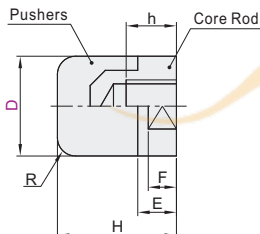
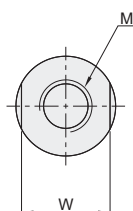
Code		Type	Pushers		Core Rod Material
Flat	Round		Material	Hardness	
WIZ51	WIZ61	Tapped Type	Ether Polyurethane	Shore A90	SUS304
WIZ52	WIZ62			Shore A70	
WIZ53	WIZ63		Ester Polyurethane	Shore A50	
WIZ54	WIZ64			Shore A30	
WIZ55	WIZ65		Silicon Rubber	Shore A70	



Inventory

Flat
WIZ51/52/53/54/55

Round
WIZ61/62/63/64/65



The first perspective

Part Number		D	H	M×Pitch	R	SR	h	E	F	W
Code										
Flat	Round	8	12	M3×0.5	1	8	4.5	5	4.2	7
		10	15	M4×0.7	2	10	6			8
		12	16	M5×0.8		12	7.5			10
		16	20	M6×1.0	3	16	9	6	5.2	14
		20	25	M8×1.25		20	12			17
		25	30	M10×1.5		25	15			22
		25A	30	M10×1.25	3.5	30	18	10	8.2	27
		30	35	M12×1.75		30	21			30
		32	37	M14×1.5		32	27			32
		36	45	M18×1.5		36	30	12	10.2	36
		40	50	M20×1.5		40	30			36

Threaded Type

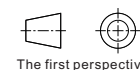
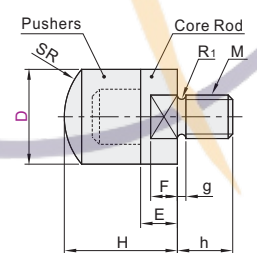
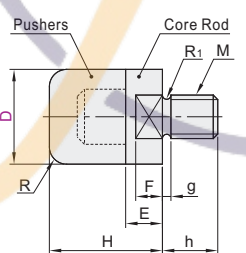
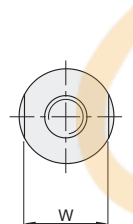
Code		Type	Pushers		Core Rod Material
Flat	Round		Material	Hardness	
WIZ71	WIZ81	Threaded Type	Ether Polyurethane	Shore A90	SUS304
WIZ72	WIZ82			Shore A70	
WIZ73	WIZ83		Ester Polyurethane	Shore A50	
WIZ74	WIZ84			Shore A30	
WIZ75	WIZ85		Silicon Rubber	Shore A70	



Inventory

Flat
WIZ71/72/73/74/75

Round
WIZ81/82/83/84/85



The first perspective

Part Number		D	H	M	R	SR	h	E	F	g	R1 max.	W
Code												
Flat	Round	6	10	M3	1	6	5	5	3.8	1	0.3	5
		8	12	M4	1.5	8	6			1.2	0.5	7
		10	15	M5		10	8			1.5	0.75	8
		12	16	M6	2	12	10	6	4.8	2	1	10
		16	20	M8		16	12					14
		20	25	M10		20	14					17
		25	30	M16	3	25	18	10	7.8	3	3.5	22
		32	37	M20		32	22					30
		36	45	M22		36	24					32

Tapped Type

Part Number	
Code	D
WIZ51	8
WIZ61	10

WIZ51 - D8

Threaded Type

Part Number	
Code	D
WIZ71	6
WIZ72	8

WIZ71 - D6



Discount price	
Per	1~19
Price	100%



Delivery	
Per	1~19
Price	10



Please order as shown

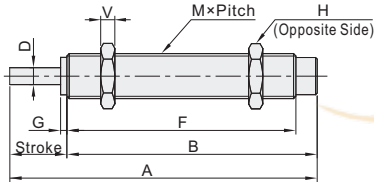
High-Precision Shock Absorbers

Code	Type	Material			Surface Treatment	Ambient
		Main Body	Piston Rod	Cap	Main Body	Temperature Range
J-WJR01 J-WJR11	Two-Stage Buffer No Cap With Cap	SS400	SUS304	Polyurethane	Zinc-Plated	-10°C~80°C

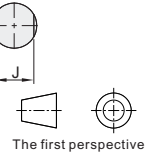
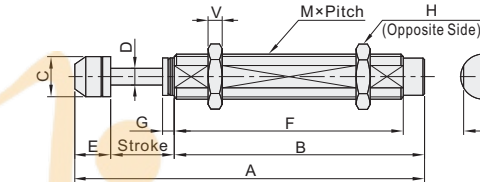
Features

- It is suitable for the situation of unstable speed.
- Widely used in small automation equipment.

No.:0806/1007/1210



No.:1412/2015/2525/2725



Inventory



Part Number		Thread Dia.	Stroke St	A	B	C	D	E	F	G	H	V	J	Max. Absorbed Energy Per Impact Nm(E)	Max. Absorbed Energy Per Hour Nm(Etc)	Max. Equivalent Mass kg(Me)	Max. Collision Speed (m/s)	Weight (g)
Code	No.	M×Pitch	(mm)															
J-WJR01	0806	M8×1.0	6		40.6		2.9		33.6	2	11	3		3	7000	6	0.3~2.5	15
	1007	M10×1.0	7		47		3		39	3	12.7			6	12400	12	0.3~3.5	25
	1210	M12×1.0	10		52.5		3		44	4	14	4		12	22500	22	0.3~4.0	29
	1412	M14×1.5	12		67		4		58	4	19	5	12.1	20	33000	40		65
	2015	M20×1.5	15		73		6		62		26	7	18	59	38000	120	0.3~5.0	150
	2525	M25×1.5			92				82		9	23	80	60000	180			280
	2725	M27×1.5	25		99		8		86	5	32	6	25	147	72000	270		360
J-WJR11	0806	M8×1.0	6	55.2	40.6	6.6	2.9		33.6	2	11	3		3	7000	6	0.3~2.5	17
	1007	M10×1.0	7	62.6	47	8.6	3	8.6	39	3	12.7			6	12400	12	0.3~3.5	28
	1210	M12×1.0	10	71.1	52.5	10.3	3		44	4	14	4		12	22500	22	0.3~4.0	32
	1412	M14×1.5	12	90	67	12	4	11	58	4	19	5	12.1	20	33000	40		70
	2015	M20×1.5	15	103	73	18	6	15	62		26	7	18	59	38000	120	0.3~5.0	160
	2525	M25×1.5		136	92		8	19	82		9	23	80	60000	180			295
	2725	M27×1.5	25	143	99				86	5	32	6	25	147	72000	270		375



Please order as shown

Part Number	Thread Dia.
Code	No.
J-WJR01	0806 M8×1.0
	1007 M10×1.0

J-WJR01—0806



Discount price
Per
1~29 30~
Price
100% Additional quotation



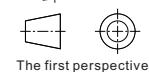
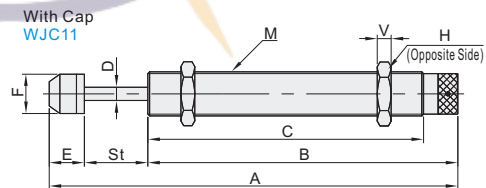
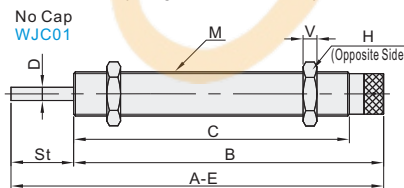
Delivery
10

Economical Type Shock Absorbers

Code	Type	Material			Surface Treatment	Ambient
		Main Body	Piston Rod	Cap	Main Body	Temperature Range
WJC01 WJC11	Small and Medium Adjustable	No Cap With Cap	SS400 SUS304	— Polyurethane	Black Oxide	-10°C~85°C

Feature

- According to the change of moving object speed, the most appropriate buffer absorption capacity can be adjusted by the regulator.
- Use locking device to ensure the accuracy and effectiveness of the Special seal can keep long-term and stable operation.
- Special seal can keep long-term and stable operation.



Part Number		Thread Dia.	Stroke St	A	B	C	D	E	F	H	V	Max. Absorbed Energy Per Impact Nm(E)	Max. Absorbed Energy Per Hour Nm(Etc)	Max. Equivalent Mass kg(Me)	Max. Collision Speed (m/s)
Code	No.	M×Pitch	(mm)												
WJC01 WJC11	1410	M14×1.5	10	102	80	65	4	12	12	19	5	20	24000	80	3.2
	2016	M20×1.5	16	130	98	83						25	32000	200	
	2025	M20×1.5		155	114		6	16	18	26	8	39	39000	312	3.6
	2525	M25×1.5	25	160	116	98	8	19	22	32	10	85	51000	400	



Please order as shown

Part Number	Thread Dia.
Code	No.
WJC01	1410 M14×1.5
WJC11	2016 M20×1.5
	2025 M20×1.5

WJC01—1410



Discount price
Per
1~29 30~
Price
100% Additional quotation



Delivery
10

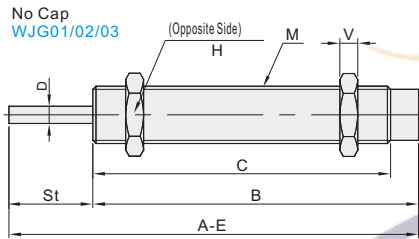
Code	Type	Collision Speed	Material			Surface Treatment	Ambient Temperature Range
			Main Body	Piston Rod	Cap		
WJG01	Small and Medium Automatic Compensation	High Speed	SS400	SUS304	—	Black Oxide	-10°C~85°C
WJG02		Medium Speed					
WJG03		Low Speed					
WJG11		High Speed			Polyurethane		
WJG12		Medium Speed					
WJG13		Low Speed					

Features

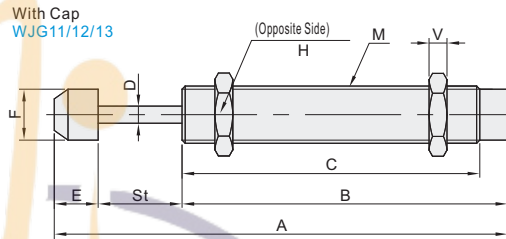
- With the change of impact speed and weight of impact object, it has the function of self-regulation of pressure, and always forms a soft buffer effect.
- Complete check valve action, the spring can make the piston rod quickly reset.
- It can be installed and fixed in many ways.



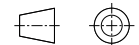
Inventory



No Cap
WJG01/02/03



With Cap
WJG11/12/13



The first perspective

Part Number		Thread Dia. M×Pitch	Stroke St (mm)	A	B	C	D	E	F	H	V	Max. Absorbed Energy Per Impact Nm(Etc)	Max. Absorbed Energy Per Hour Nm(Etc)	Max. Equivalent Mass kg(Me)	Max. Collision Speed (m/s)
Code	No.														
High Speed WJG01 WJG11	0806	M8×1.0	6	52	40	32		6	6.6	11		2	7200	0.5	2.0
	1005	M10×1.0	5	49	37	29	3	7	8.6	12.7	3	3	10800	1	
	1008	M10×1.0	8	62	47	37						4	14400	2	
	1210	M12×1.0	10	72	53	45		9	10.3	14	4	5	18000	5	3.0
	1412	M12×1.0	12	106	82	72						15	36000	8	
	1416	M14×1.5	16	110	82	72	4	12	12	19	5	20	40000	10	
	1425		25	138	101	91			12.5			25	36000	20	
	2020	M20×1.5	20	146	109	98	6	17	18	26	8	40	48000	30	3.5
	2525	M25×1.5	25	154	110	99	8	19	22	32	10	80	60000	200	4.0
	0806	M8×1.0	6	52	40	32		6	6.6	11		2	7200	2	1.0
Medium Speed WJG02 WJG12	1005	M10×1.0	5	49	37	29						3	10800	3	
	1008	M10×1.0	8	62	47	37	3	7	8.6	12.7	3	4	14400	4	1.5
	1210	M12×1.0	10	72	53	45		9	10.3	14	4	5	18000	10	
	1412	M12×1.0	12	106	82	72						15	36000	50	
	1416	M14×1.5	16	110	82	72	4	12	12	19	5	20	40000	70	2.0
	1425		25	138	101	91			12.5			25	36000	60	1.5
	2020	M20×1.5	20	146	109	98	6	17	18	26	8	40	48000	200	2.0
	2525	M25×1.5	25	154	110	99	8	19	22	32	10	80	60000	600	2.5
	0806	M8×1.0	6	52	40	32		6	6.6	11		2	7200	6	0.5
	1005	M10×1.0	5	49	37	29	3	7	8.6	12.7	3	3	10800	7	
Low Speed WJG03 WJG13	1008	M10×1.0	8	62	47	37						4	14400	9	
	1210	M12×1.0	10	72	53	45		9	10.3	14	4	5	18000	30	0.8
	1412	M12×1.0	12	106	82	72						15	36000	100	
	1416	M14×1.5	16	110	82	72	4	12	12	19	5	20	40000	150	
	1425		25	138	101	91			12.5			25	36000	200	
	2020	M20×1.5	20	146	109	98	6	17	18	26	8	40	48000	700	1.0
	2525	M25×1.5	25	154	110	99	8	19	22	32	10	80	60000	1000	

! The dimensions and appearance of the updated version differ slightly with the old version. During the switch period, the products of different batches may not be the same, please give prior notice if any impacts.



Part Number		Thread Dia. M×Pitch
Code	No.	
WJG01	0806	M8×1.0
WJG11	1005	M10×1.0
WJG12	1008	M10×1.0

WJG01—0806



Discount price	
Per	Price
1~29	30~
100%	Additional quotation



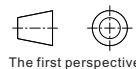
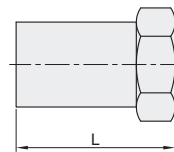
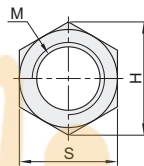
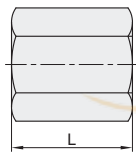
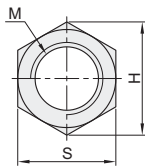
Delivery	
11	

Code	Type	Material	Surface Treatment
WJN01	Hexagon Type	SS400	Black Oxide



No.: 8~12

No.: 14~25



The first perspective

Part Number		M×Pitch	S	H	L	Matching Shock Absorbers Model
Code	No.					
WJN01	8	M8×1.0	11	12.6	14	0806
	10	M10×1.0	12.7	14.5	16	1005 1007 1008
	12	M12×1.0	14	16	20	1210
	14	M14×1.5	19	21.6	27	1412 1410 1416 1425
	20	M20×1.5	26	29.7	35	2015 2016 2020 2025 2030 2050
	25	M25×1.5	32	36.7	45	2525 2550 2580



Part Number	
Code	No.
WJN21	1410
	2016

WJN21—1410



Discount price		
Per	1~29	30~
Price	100%	Additional quotation



Delivery	
	10