

Pneumatic Catalogue

Quick Coupling Systems for Pneumatic and Fluid Handling

aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding

Parker

ENGINEERING YOUR SUCCESS.

Nominal Diameter

7,8 = 48 mm²

Rectus Series

25



Technical Description
Universal industrial coupling with standard European profile.
Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. The series stands out for its robust design and long service life even with the harshest use.

Dust Protections **(P. 319)**
for Coupling Part.-No. SK23S
for Plug Part.-No. SK12S

Working Temperature*
-20°C up to +100°C (NBR)
depending on the medium.

* For temperatures below -20°C and over +100°C and depending on the medium, other seal variants (FKM, EPDM, FFKM) are available.

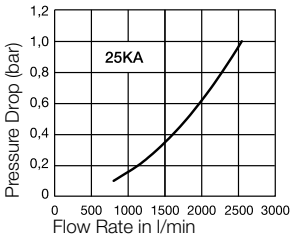
Other designs in series 25
The following other designs can be found from page:

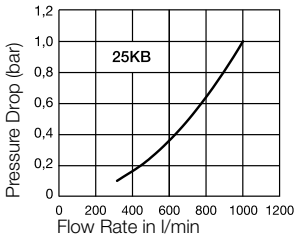
➤ Stainless Steel P. 208
➤ Safety P. 274
➤ Safety Self-Venting P. 294
➤ Coded Systems P. 302

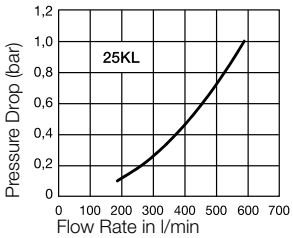
KA Single Shut-Off	KB Double Shut-Off	KL Leak-Free
Working Pressure**		
35 bar ** maximum static working pressure with safety factor 4 to 1.	35 bar	8 bar
Features		
• Brass coupling and plug for use with water • Robust coupling system with steel sleeve		• Minimal, almost imperceptible leakage when uncoupling • No air locked into the system during the coupling process • Brass valved plug available blank
Material		
Coupling: Brass / Steel nickel plated **Plug:** Steel zinc plated or Brass (Serie 26) **Seals:** NBR	**Coupling:** Brass **Plug:** Brass **Seals:** NBR	**Coupling:** Brass nickel plated **Plug:** Brass nickel plated **Seals:** NBR
Interchangeability		
• Rectus 26 • Rectus 1600/1625 • Cejn 320 • JWL 520 + JWL 530 • various German Products		

Flow diagrams

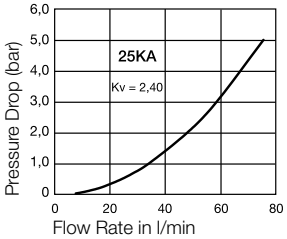
Air

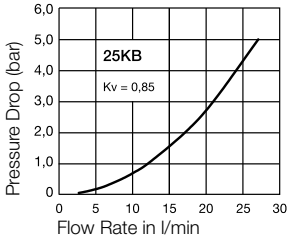


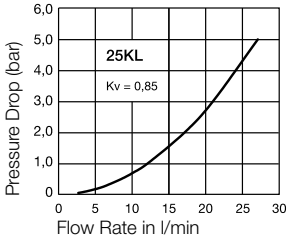




Water

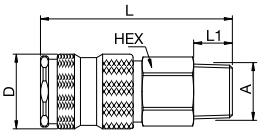
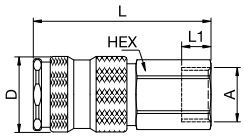
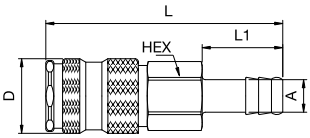
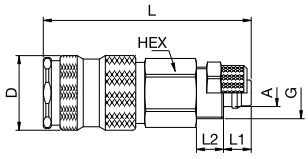
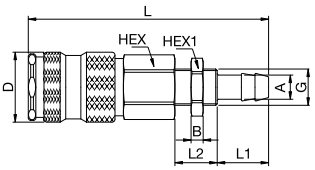
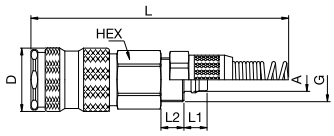






Coupling – with valve

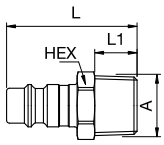
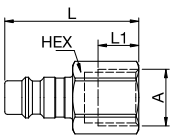
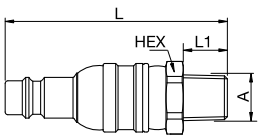
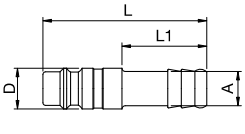
Series 25KA

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Male Thread	R 1/4	19		60	12		23				25KAAK13MPN
	R 3/8	19		60	12		23				25KAAK17MPN
	R 1/2	22		61	17		23				25KAAK21MPN
	M 14 x 1,5	19		59	10		23				25KAAD14MPN
	M 16 x 1,5	19		60	11		23				25KAAD16MPN
	M 18 x 1,5	19		60	11		23				25KAAD18MPN
 Female Thread	G 1/4	19		56	10		23				25KAIW13MPN
	G 3/8	19		55	9		23				25KAIW17MPN
	G 1/2	24		58	12		23				25KAIW21MPN
	M 14 x 1,5	19		55	9		23				25KAIM14MPN
	M 16 x 1,5	19		55	9		23				25KAIM16MPN
	M 18 x 1,5	22		56	9		23				25KAIM18MPN
 Hose Barb	6 mm	19		74	25		23				25KATF06MPN
	8 mm	19		74	25		23				25KATF08MPN
	9 mm	19		74	25		23				25KATF09MPN
	10 mm	19		74	25		23				25KATF10MPN
	13 mm	19		74	25		23				25KATF13MPN
	6 mm Parker	19		69	20		23				25KATP06MPN
	10 mm Parker	19		73	24		23				25KATP10MPN
	13 mm Parker	19		76	28		23				25KATP13MPN
 with Plastic Hose Connection	6 x 8 mm	19		61	7	6	23		M 12 x 1		25KAKO08MPN
	8 x 10 mm	19		65	9	8	23		M 16 x 1		25KAKO10MPN
	9 x 12 mm	19		65	9	8	23		M 16 x 1		25KAKO12MPN
 Panel Mount with Hose Barb	6 mm	19	17	76	17	10	23	4	M 12 x 1		25KATS06MPN
	8 mm	19	17	80	17	14	23	4	M 12 x 1		25KATS08MPN
	10 mm	19	17	87	25	14	23	4	G 1/4		25KATS10MPN
 Plastic Hose Connection with Spring Guard	6 x 8 mm	19		144	7	6	23		M 12 x 1		25KAKK08MPN
	8 x 10 mm	19		155	9	8	23		M 16 x 1		25KAKK10MPN
	9 x 12 mm	19		162	9	8	23		M 16 x 1		25KAKK12MPN

⚠ Please consider our security advices on the pages 12/13 ⚠

Plugs – without valve

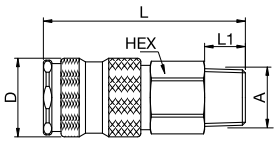
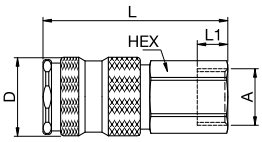
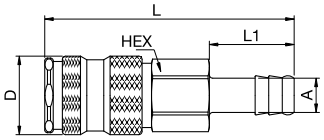
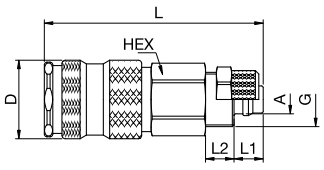
Series 25KA

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Male Thread	R 1/8	13		33	9						25SFAK10SXZ
	R 1/4	14		36,5	12						25SFAK13SXZ
	R 3/8	17		37	12						25SFAK17SXZ
	R 1/2	22		43	17						25SFAK21SXZ
	M 14 x 1,5	17		35	10						25SFAD14SXZ
	M 16 x 1,5	19		36	11						25SFAD16SXZ
	M 18 x 1,5	22		37	11						25SFAD18SXZ
 Female Thread	G 1/8	14		30	5						25SFIW10SXZ
	G 1/4	17		38,5	12						25SFIW13SXZ
	G 3/8	19		39,5	12						25SFIW17SXZ
	G 1/2	24		44	14						25SFIW21SXZ
	M 14 x 1,5	17		33	8						25SFIM14SXZ
	M 16 x 1,5	19		33	10						25SFIM16SXZ
	M 18 x 1,5	22		36	13						25SFIM18SXZ
 Flex Joint, Male Thread	R 1/4	17		64	11					nickel plated	25FAAK13SPN
 Hose Barb	6 mm			48	25		12				25SFTF06SXZ
	8 mm			48	25		12				25SFTF08SXZ
	9 mm			48	25		12				25SFTF09SXZ
	10 mm			48	25		12				25SFTF10SXZ
	13 mm			48	25		15				25SFTF13SXZ

The right plug in brass design can be found under series 26 from page 87.

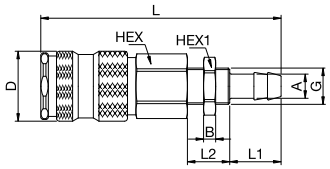
Coupling – with valve

Series 25KB

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Male Thread	R 1/4	19		60	12		23			blank	25KBAK13BPX
	R 1/4	19		60	12		23			nickel plated	25KBAK13BPN
	R 3/8	19		59	10,5		23			blank	25KBAK17BPX
	R 3/8	19		59	10,5		23			nickel plated	25KBAK17BPN
	R 1/2	22		57,5	9		23			blank	25KBAK21BPX
	R 1/2	22		57,5	9		23			nickel plated	25KBAK21BPN
	M 14 x 1,5	19		59	10		23			blank	25KBAD14BPX
	M 14 x 1,5	19		59	10		23			nickel plated	25KBAD14BPN
	M 16 x 1,5	19		60	11		23			blank	25KBAD16BPX
	M 16 x 1,5	19		60	11		23			nickel plated	25KBAD16BPN
	M 18 x 1,5	19		60	11		23			blank	25KBAD18BPX
	M 18 x 1,5	19		60	11		23			nickel plated	25KBAD18BPN
 Female Thread	G 1/4	19		56	10		23			blank	25KBIW13BPX
	G 1/4	19		56	10		23			nickel plated	25KBIW13BPN
	G 3/8	19		55	9		23			blank	25KBIW17BPX
	G 3/8	19		55	9		23			nickel plated	25KBIW17BPN
	G 1/2	24		58	12		23			blank	25KBIW21BPX
	G 1/2	24		58	12		23			nickel plated	25KBIW21BPN
	M 16 x 1,5	19		55	9		23			blank	25KBIM16BPX
	M 16 x 1,5	19		55	9		23			nickel plated	25KBIM16BPN
	M 18 x 1,5	22		56	9		23			blank	25KBIM18BPX
	M 18 x 1,5	22		56	9		23			nickel plated	25KBIM18BPN
 Hose Barb	6 mm	19		74	25		23			blank	25KBTF06BPX
	6 mm	19		74	25		23			nickel plated	25KBTF06BPN
	8 mm	19		74	25		23			blank	25KBTF08BPX
	8 mm	19		74	25		23			nickel plated	25KBTF08BPN
	9 mm	19		74	25		23			blank	25KBTF09BPX
	9 mm	19		74	25		23			nickel plated	25KBTF09BPN
	10 mm	19		74	25		23			blank	25KBTF10BPX
	10 mm	19		74	25		23			nickel plated	25KBTF10BPN
	13 mm	19		74	25		23			blank	25KBTF13BPX
	13 mm	19		74	25		23			nickel plated	25KBTF13BPN
	10 mm Parker	19		73	24		23			blank	25KBTP10BPX
	10 mm Parker	19		73	24		23			nickel plated	25KBTP10BPN
	13 mm Parker	19		76	28		23			blank	25KBTP13BPX
	13 mm Parker	19		76	28		23			nickel plated	25KBTP13BPN
 with Plastic Hose Connection	8 x 10 mm	19		65	9	8	23		M 16 x 1	blank	25KBKO10BPX
	8 x 10 mm	19		65	9	8	23		M 16 x 1	nickel plated	25KBKO10BPN
	9 x 12 mm	19		65	9	8	23		M 16 x 1	blank	25KBKO12BPX
	9 x 12 mm	19		65	9	8	23		M 16 x 1	nickel plated	25KBKO12BPN

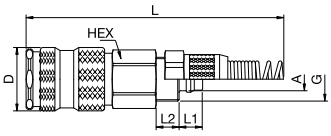
⚠ Please consider our security advices on the pages 12/13 ⚠

Coupling – with valve — Series 25KB



Panel Mount with Hose Barb

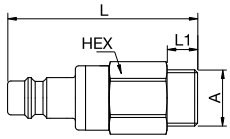
Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
6 mm	19	17	76	17	10	23	4	M 12 x 1	blank	25KBTS06BPX
6 mm	19	17	76	17	10	23	4	M 12 x 1	nickel plated	25KBTS06BPN
8 mm	19	17	80	17	14	23	4	M 12 x 1	blank	25KBTS08BPX
8 mm	19	17	80	17	14	23	4	M 12 x 1	nickel plated	25KBTS08BPN
10 mm	19	17	76	17	10	23	4	M 12 x 1	blank	25KBTS10BPX
10 mm	19	17	76	17	10	23	4	M 12 x 1	nickel plated	25KBTS10BPN



Plastic Hose Connection with Spring Guard

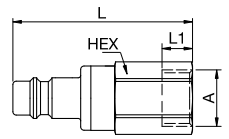
Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
6 x 8 mm	19		144	7	6	23		M 12 x 1	blank	25KBKK08BPX
6 x 8 mm	19		144	7	6	23		M 12 x 1	nickel plated	25KBKK08BPN
9 x 12 mm	19		162	9	8	23		M 16 x 1	blank	25KBKK12BPX
9 x 12 mm	19		162	9	8	23		M 16 x 1	nickel plated	25KBKK12BPN

Plugs – with valve — Series 25KB



Male Thread

Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
G 1/8	22		44,5	9					blank	25SBAW10MPX
G 1/8	22		44,5	9					nickel plated	25SBAW10MPN
G 1/4	22		43	9					blank	25SBAW13MPX
G 1/4	22		43	9					nickel plated	25SBAW13MPN
G 3/8	22		43	9					blank	25SBAW17MPX
G 3/8	22		43	9					nickel plated	25SBAW17MPN
G 1/2	22		46	12					blank	25SBAW21MPX
G 1/2	22		46	12					nickel plated	25SBAW21MPN
M 14 x 1,5	22		44	10					blank	25SBAD14MPX
M 14 x 1,5	22		44	10					nickel plated	25SBAD14MPN
M 16 x 1,5	22		45	11					blank	25SBAD16MPX
M 16 x 1,5	22		45	11					nickel plated	25SBAD16MPN
M 18 x 1,5	22		45	11					blank	25SBAD18MPX
M 18 x 1,5	22		45	11					nickel plated	25SBAD18MPN

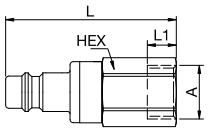
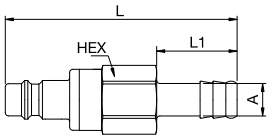
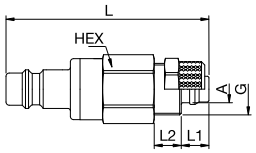
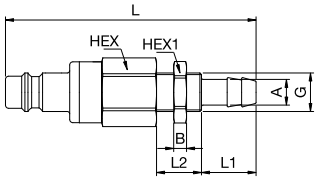
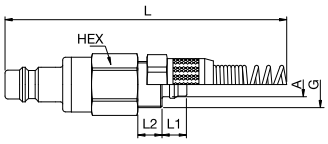


Female Thread

Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
G 1/4	22		43	10					blank	25SBIW13MPX
G 1/4	22		43	10					nickel plated	25SBIW13MPN
G 3/8	22		43	9					blank	25SBIW17MPX
G 3/8	22		43	9					nickel plated	25SBIW17MPN
G 1/2	24		46	9					blank	25SBIW21MPX
G 1/2	24		46	9					nickel plated	25SBIW21MPN
M 14 x 1,5	22		43	9					blank	25SBIM14MPX
M 14 x 1,5	22		43	9					nickel plated	25SBIM14MPN

Plugs – with valve

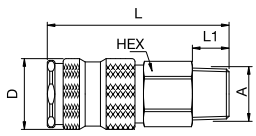
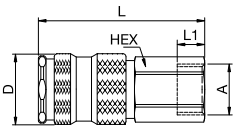
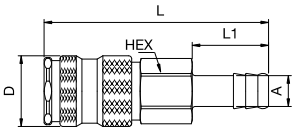
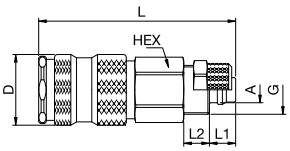
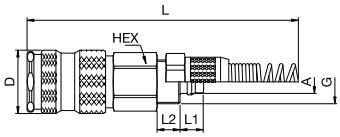
Series 25KB

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Female Thread	M 16 x 1,5	22		43	9					blank	25SBIM16MPX
	M 16 x 1,5	22		43	9					nickel plated	25SBIM16MPN
	M 18 x 1,5	22		43	9					blank	25SBIM18MPX
	M 18 x 1,5	22		43	9					nickel plated	25SBIM18MPN
 Hose Barb	6 mm	21		60	25					blank	25SBTF06MPX
	6 mm	21		60	25					nickel plated	25SBTF06MPN
	8 mm	21		60	25					blank	25SBTF08MPX
	8 mm	21		60	25					nickel plated	25SBTF08MPN
	9 mm	21		60	25					blank	25SBTF09MPX
	9 mm	21		60	25					nickel plated	25SBTF09MPN
	10 mm	21		60	25					blank	25SBTF10MPX
	10 mm	21		60	25					nickel plated	25SBTF10MPN
	13 mm	21		60	25					blank	25SBTF13MPX
	13 mm	21		60	25					nickel plated	25SBTF13MPN
	6 mm Parker	19		67,5	20,5					blank	25SBTP06MPX
	6 mm Parker	19		67,5	20,5					nickel plated	25SBTP06MPN
	10 mm Parker	19		71	24					blank	25SBTP10MPX
	10 mm Parker	19		71	24					nickel plated	25SBTP10MPN
	13 mm Parker	19		83	28					blank	25SBTP13MPX
	13 mm Parker	19		83	28					nickel plated	25SBTP13MPN
 with Plastic Hose Connection	4 x 6 mm	21		47	7	6			M 10 x 1	blank	25SBKO06MPX
	4 x 6 mm	21		47	7	6			M 10 x 1	nickel plated	25SBKO06MPN
	6 x 8 mm	21		47	7	6			M 12 x 1	blank	25SBKO08MPX
	6 x 8 mm	21		47	7	6			M 12 x 1	nickel plated	25SBKO08MPN
	8 x 10 mm	21		51	8,5	8,5			M 16 x 1	blank	25SBKO10MPX
	8 x 10 mm	21		51	8,5	8,5			M 16 x 1	nickel plated	25SBKO10MPN
	9 x 12 mm	21		51	8,5	8,5			M 16 x 1	blank	25SBKO12MPX
	9 x 12 mm	21		51	8,5	8,5			M 16 x 1	nickel plated	25SBKO12MPN
 Panel Mount with Hose Barb	6 mm	21	17	62	17	10		4	M 12 x 1	blank	25SBTS06MPX
	6 mm	21	17	62	17	10		4	M 12 x 1	nickel plated	25SBTS06MPN
	8 mm	21	17	65	17	14		4	M 12 x 1	blank	25SBTS08MPX
	8 mm	21	17	65	17	14		4	M 12 x 1	nickel plated	25SBTS08MPN
	10 mm	21	17	74	25	14		3,5	G 1/4	blank	25SBTS10MPX
	10 mm	21	17	74	25	14		3,5	G 1/4	nickel plated	25SBTS10MPN
 Plastic Hose Connection with Spring Guard	4 x 6 mm	19		120	7	6			M 10 x 1	blank	25SBKK06MPX
	4 x 6 mm	19		120	7	6			M 10 x 1	nickel plated	25SBKK06MPN
	6 x 8 mm	19		135	7	6			M 12 x 1	blank	25SBKK08MPX
	6 x 8 mm	19		135	7	6			M 12 x 1	nickel plated	25SBKK08MPN
	8 x 10 mm	19		145	8,5	8,5			M 16 x 1	blank	25SBKK10MPX
	8 x 10 mm	19		145	8,5	8,5			M 16 x 1	nickel plated	25SBKK10MPN
	9 x 12 mm	19		150	8,5	8,5			M 16 x 1	blank	25SBKK12MPX
	9 x 12 mm	19		150	8,5	8,5			M 16 x 1	nickel plated	25SBKK12MPN

⚠ Please consider our security advices on the pages 12/13 ⚠

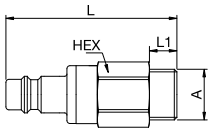
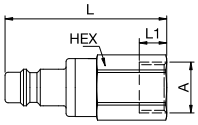
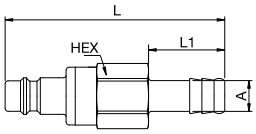
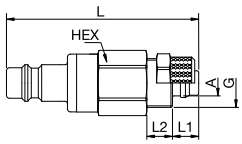
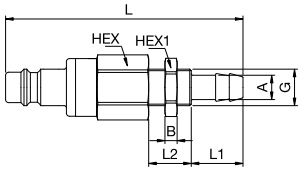
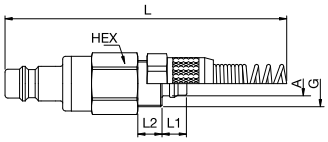
Coupling – flat-sealing

Series 25KL

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Male Thread	R 1/4	19		60	12		23				25KLAK13BPN
	R 3/8	19		60	12		23				25KLAK17BPN
	R 1/2	22		61	17		23				25KLAK21BPN
 Female Thread	G 1/4	19		56	10		23				25KLIW13BPN
	G 3/8	19		55	9		23				25KLIW17BPN
	G 1/2	24		58	12		23				25KLIW21BPN
	M 14 x 1,5	19		55	9		23				25KLIM14BPN
	M 16 x 1,5	19		55	9		23				25KLIM16BPN
	M 18 x 1,5	22		56	9		23				25KLIM18BPN
 Hose Barb	6 mm	19		74	25		23				25KLTF06BPN
	8 mm	19		74	25		23				25KLTF08BPN
	9 mm	19		74	25		23				25KLTF09BPN
	10 mm	19		74	25		23				25KLTF10BPN
	13 mm	19		74	25		23				25KLTF13BPN
 with Plastic Hose Connection	6 x 8 mm	19		61	7	6	23		M 12 x 1		25KLKO08BPN
	8 x 10 mm	19		64,5	9	8	23		M 16 x 1		25KLKO10BPN
	9 x 12 mm	19		64,5	9	8	23		M 16 x 1		25KLKO12BPN
 Plastic Hose Connection with Spring Guard	6 x 8 mm	19		144	7	6	23		M 12 x 1		25KLKK08BPN
	8 x 10 mm	19		155	9	8	23		M 16 x 1		25KLKK10BPN
	9 x 12 mm	19		162	9	8	23		M 16 x 1		25KLKK12BPN

Plugs – flat-sealing

Series 25KL

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Male Thread	G 1/4	22		43	9						25SLAW13MPN
	G 3/8	22		43	9						25SLAW17MPN
	G 1/2	22		46	12						25SLAW21MPN
	M 14 x 1,5	22		44	10						25SLAD14MPN
	M 16 x 1,5	22		45	11						25SLAD16MPN
	M 18 x 1,5	22		45	11						25SLAD18MPN
 Female Thread	G 1/4	22		43	10						25SLIW13MPN
	G 3/8	22		43	9						25SLIW17MPN
	G 1/2	24		46	12						25SLIW21MPN
	M 14 x 1,5	22		43	9						25SLIM14MPN
	M 16 x 1,5	22		43	9						25SLIM16MPN
	M 18 x 1,5	22		43	9						25SLIM18MPN
 Hose Barb	9 mm	21		60	25						25SLTF09MPN
	10 mm	21		60	25						25SLTF10MPN
	13 mm	21		60	25						25SLTF13MPN
 with Plastic Hose Connection	6 x 8 mm	21		47	7	6			M 12 x 1		25SLKO08MPN
	8 x 10 mm	21		51	8,5	8,5			M 16 x 1		25SLKO10MPN
	9 x 12 mm	21		51	8,5	8,5			M 16 x 1		25SLKO12MPN
 Panel Mount with Hose Barb	6 mm	21	17	62	17	10		4	M 12 x 1		25SLTS06MPN
	10 mm	21	7	74	25	14		3,5	G 1/4		25SLTS10MPN
 Plastic Hose Connection with Spring Guard	6 x 8 mm	19		135	7	6			M 12 x 1		25SLKK08MPN
	8 x 10 mm	19		145	8,5	8,5			M 16 x 1		25SLKK10MPN
	9 x 12 mm	19		150	8,5	8,5			M 16 x 1		25SLKK12MPN

⚠ Please consider our security advices on the pages 12/13 ⚠

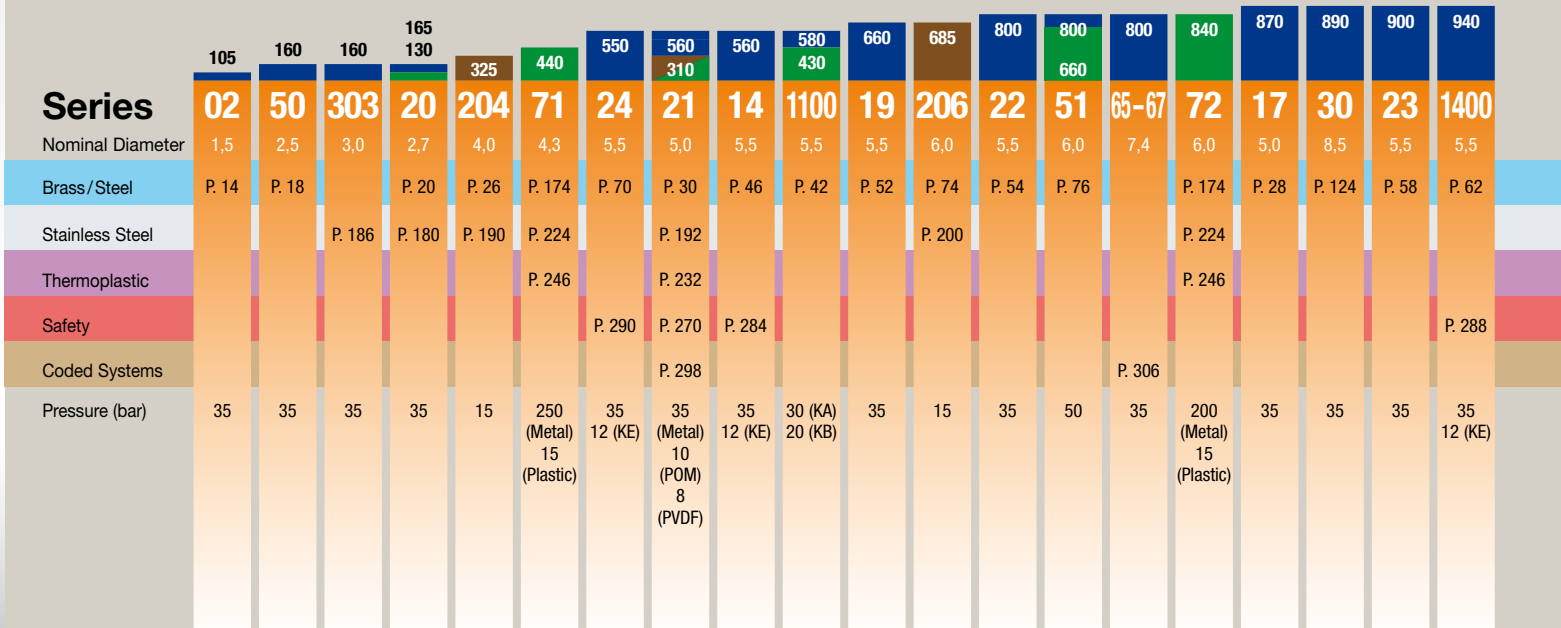
ALL OUR PERFORMANCE CAPACITY AT A GLANCE.

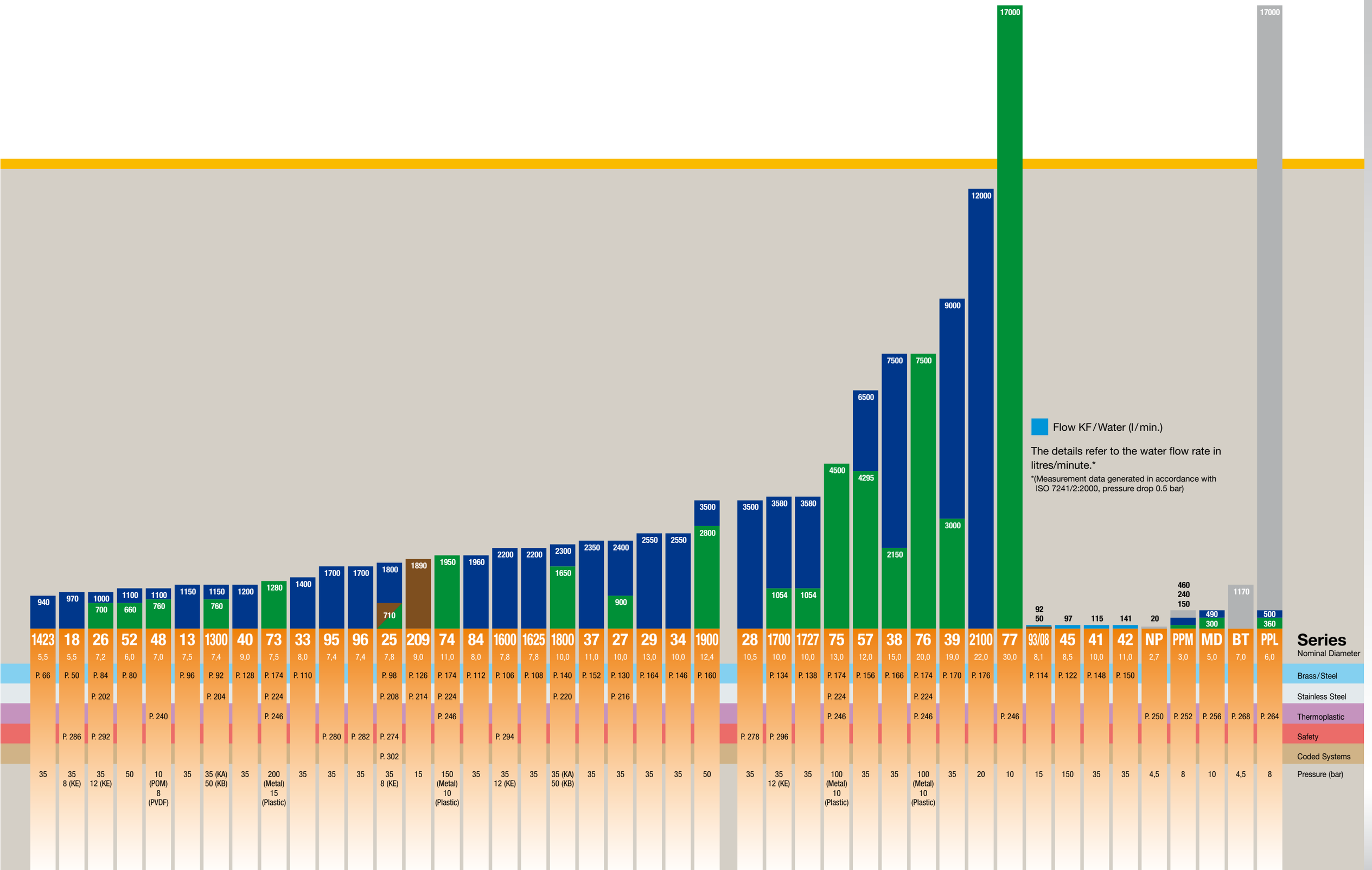
Using this flow rate diagram, you can identify at a glance the coupling series suited to your application and the corresponding operating pressure.

- Flow KL (l/min.) – leak-free coupling systems
- Flow KB (l/min.) – double shut-off coupling systems
- Flow KA (l/min.) – single shut-off coupling systems
- Flow KF (l/min.) – straight-through coupling systems

The details refer to the air flow rate in litres/minute.*

*(Measurement data generated in accordance with ISO 6358; CCTOP RP50P at input pressure 6 bar, pressure drop 0.5 bar)




Flow KF/Water (l/min.)
The details refer to the water flow rate in litres/minute.*
*(Measurement data generated in accordance with ISO 7241/2:2000, pressure drop 0.5 bar)
Series
Nominal Diameter
Brass/Steel
Stainless Steel
Thermoplastic
Safety
Coded Systems
Pressure (bar)
1423 5,5 P. 66 35
18 5,5 P. 50 P. 286 35 8 (KE)
26 7,2 P. 84 P. 202 P. 292 35 12 (KE)
52 6,0 P. 80 50
48 7,0 P. 240 10 (POM) 8 (PVDF)
13 7,5 P. 96 35
1300 7,4 P. 92 P. 204 35 (KA) 50 (KB)
40 9,0 P. 128 35
73 7,5 P. 174 P. 224 P. 246 200 (Metal) 15 (Plastic)
33 8,0 P. 110 35
95 7,4 P. 280 35
96 7,4 P. 282 35
25 7,8 P. 98 P. 208 P. 274 P. 302 35 8 (KE)
209 9,0 P. 126 P. 214 15
74 11,0 P. 174 P. 224 P. 246 150 (Metal) 10 (Plastic)
84 8,0 P. 112 35
1600 7,8 P. 106 P. 294 35 12 (KE)
1625 7,8 P. 108 35
1800 10,0 P. 140 P. 220 35 (KA) 50 (KB)
37 11,0 P. 152 35
27 10,0 P. 130 P. 216 35
29 13,0 P. 164 35
34 10,0 P. 146 35
1900 12,4 P. 160 50
28 10,5 P. 278 35
1700 10,0 P. 134 P. 296 35 12 (KE)
1727 10,0 P. 138 35
75 13,0 P. 174 P. 224 P. 246 100 (Metal) 10 (Plastic)
57 12,0 P. 156 35
38 15,0 P. 166 35
76 20,0 P. 174 P. 224 P. 246 100 (Metal) 10 (Plastic)
39 19,0 P. 170 35
2100 22,0 P. 176 20
77 30,0 P. 246 10
93/08 8,1 P. 114 15
45 8,5 P. 122 150
41 10,0 P. 148 35
42 11,0 P. 150 35
NP 2,7 P. 250 4,5
PPM 3,0 P. 252 8
MD 5,0 P. 256 10
BT 7,0 P. 268 4,5
PPL 6,0 P. 264 8

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At Parker, we're guided by a relentless drive to help our customers become more productive and achieve higher levels of profitability by engineering the best systems for their requirements. It means looking at customer applications from many angles to find new ways to create value. Whatever the motion and control technology need, Parker has the experience, breadth of product and global reach to consistently deliver. No company knows more about motion and control technology than Parker. For further info call 00800 27 27 5374



Aerospace

Key Markets

Aftermarket services
Commercial transports
Engines
General & business aviation
Helicopters
Launch vehicles
Military aircraft
Missiles
Power generation
Regional transports
Unmanned aerial vehicles

Key Products

Control systems & actuation products
Engine systems & components
Fluid conveyance systems & components
Fluid metering, delivery & atomization devices
Fuel systems & components
Fuel tank inerting systems
Hydraulic systems & components
Thermal management
Wheels & brakes



Climate Control

Key Markets

Agriculture
Air conditioning
Construction Machinery
Food & beverage
Industrial machinery
Life sciences
Oil & gas
Precision cooling
Process
Refrigeration
Transportation

Key Products

Accumulators
Advanced actuators
CO_2 controls
Electronic controllers
Filter driers
Hand shut-off valves
Heat exchangers
Hose & fittings
Pressure regulating valves
Refrigerant distributors
Safety relief valves
Smart pumps
Solenoid valves
Thermostatic expansion valves



Electromechanical

Key Markets

Aerospace
Factory automation
Life science & medical
Machine tools
Packaging machinery
Paper machinery
Plastics machinery & converting
Primary metals
Semiconductor & electronics
Textile
Wire & cable

Key Products

AC/DC drives & systems
Electric actuators, gantry robots & slides
Electrohydrostatic actuation systems
Electromechanical actuation systems
Human machine interface
Linear motors
Stepper motors, servo motors, drives & controls
Structural extrusions



Filtration

Key Markets

Aerospace
Food & beverage
Industrial plant & equipment
Life sciences
Marine
Mobile equipment
Oil & gas
Power generation & renewable energy
Process
Transportation
Water Purification

Key Products

Analytical gas generators
Compressed air filters & dryers
Engine air, coolant, fuel & oil filtration systems
Fluid condition monitoring systems
Hydraulic & lubrication filters
Hydrogen, nitrogen & zero air generators
Instrumentation filters
Membrane & fiber filters
Microfiltration
Sterile air filtration
Water desalination & purification filters & systems



Fluid & Gas Handling

Key Markets

Aerial lift
Agriculture
Bulk chemical handling
Construction machinery
Food & beverage
Fuel & gas delivery
Industrial machinery
Life sciences
Marine
Mining
Mobile
Oil & gas
Renewable energy
Transportation

Key Products

Check valves
Connectors for low pressure fluid conveyance
Deep sea umbilicals
Diagnostic equipment
Hose couplings
Industrial hose
Mooring systems & power cables
PTFE hose & tubing
Quick couplings
Rubber & thermoplastic hose
Tube fittings & adapters
Tubing & plastic fittings



Hydraulics

Key Markets

Aerial lift
Agriculture
Alternative energy
Construction machinery
Forestry
Industrial machinery
Machine tools
Marine
Material handling
Mining
Oil & gas
Power generation
Refuse vehicles
Renewable energy
Truck hydraulics
Turf equipment

Key Products

Accumulators
Cartridge valves
Electrohydraulic actuators
Human machine interfaces
Hybrid drives
Hydraulic cylinders
Hydraulic motors & pumps
Hydraulic systems
Hydraulic valves & controls
Hydrostatic steering
Integrated hydraulic circuits
Power take-offs
Power units
Rotary actuators
Sensors



Pneumatics

Key Markets

Aerospace
Conveyor & material handling
Factory automation
Life science & medical
Machine tools
Packaging machinery
Transportation & automotive

Key Products

Air preparation
Brass fittings & valves
Manifolds
Pneumatic accessories
Pneumatic actuators & grippers
Pneumatic valves & controls
Quick disconnects
Rotary actuators
Rubber & thermoplastic hose & couplings
Structural extrusions
Thermoplastic tubing & fittings
Vacuum generators, cups & sensors



Process Control

Key Markets

Alternative fuels
Biopharmaceuticals
Chemical & refining
Food & beverage
Marine & shipbuilding
Medical & dental
Microelectronics
Nuclear Power
Offshore oil exploration
Oil & gas
Pharmaceuticals
Power generation
Pulp & paper
Steel
Water/wastewater

Key Products

Analytical Instruments
Analytical sample conditioning products & systems
Chemical injection fittings & valves
Fluoropolymer chemical delivery fittings, valves & pumps
High purity gas delivery fittings, valves, regulators & digital flow controllers
Industrial mass flow meters/ controllers
Permanent no-weld tube fittings
Precision industrial regulators & flow controllers
Process control double block & bleeds
Process control fittings, valves, regulators & manifold valves



Sealing & Shielding

Key Markets

Aerospace
Chemical processing
Consumer
Fluid power
General industrial
Information technology
Life sciences
Microelectronics
Military
Oil & gas
Power generation
Renewable energy
Telecommunications
Transportation

Key Products

Dynamic seals
Elastomeric o-rings
Electro-medical instrument design & assembly
EMI shielding
Extruded & precision-cut, fabricated elastomeric seals
High temperature metal seals
Homogeneous & inserted elastomeric shapes
Medical device fabrication & assembly
Metal & plastic retained composite seals
Shielded optical windows
Silicone tubing & extrusions
Thermal management
Vibration dampening

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