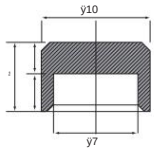
A-type ENGINE TUNING PARTS

A-type valve cap (for 7mm stem)

By placing a cap on the 7mm stem end, you can prevent dents and wear on the stem end.



*Ceiling thickness: 2.0mm

1 piece ÿ1,500

A-type 40/33 lightweight big valve (7mm stem)

This is a competition-only valve for racing use, developed with the concept of "lightweight + high strength + high performance". The umbrella shape is precisely machined from high-strength forged material, utilizing KAMEARI's unique know-how, which has been fed back from many years of racing experience.

	INT	EXH
Valve diameter	40 7	33
Stem diameter		7
Overall	103.6 103.6 64g 52.5g	
length Weight		

ÿ32,000 / SET

A-type 38/32 lightweight big valve (8mm stem)

This is a reinforced valve made of high-strength metal material, which has been forged, precision machined, heat treated, and quality controlled, and has passed stringent inspection standards. This big valve for racing was developed based on the three concepts of "efficiency, strength, and light weight", with a thin-machined umbrella shape for light weight, and a thin stem diameter inside the port.

	INT	EXH
valve diameter 32 Stem diameter 8 port		
internal stem diameter 7.3 7.3 Total length		
103.6 103.6 Weight 68g 58g		

ÿ32,000 / SET

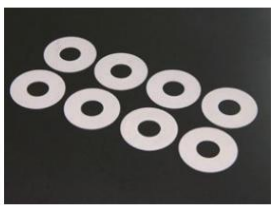
A-type valve spring stepped seat SET

This stepped spring seat is machined from chromium for double type valve springs. It fits perfectly on the double springs and stabilizes the valve springs.

ÿ8,000 / SET

[Material] Chromium molybdenum steel
[Manufacturing method] Machined

A-type valve spring washer



The installation length of the valve spring is an important point for improving performance! By cutting the seat, the protrusion can be extended, and the load loss due to the valve spring sagging can be compensated for by placing a stepped seat under it.

1 piece ÿ400

Thickness 0.5mm / 1.0mm

[Material] SK
material [Heat treatment] Tufftride

A-type racing valve guide SET (7mm stem)

A must-have item for making the most of the lightweight big valves of the KAMEARI. It prevents the stem from burning out even at high temperatures and high RPMs, and allows the engine to keep up with high RPMs with minimal clearance.

ÿ16,800 / SET *Circlip included

[Material] IN: ABB EX: PBB
[Total length] IN: 46mm EX: 46mm

7mm valve stem seal

ÿ2,960 / SET

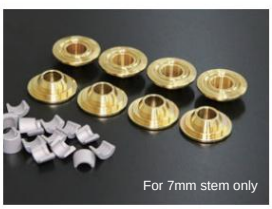
A-type racing valve guide SET (8mm stem)

The wear resistance, heat conductivity, and seizure resistance required for the valve guide are achieved by using two materials according to the characteristics of the IN and EX, and by precision machining of the inner and outer diameters. This minimizes the clearance with the valve, improving the accuracy of the valve movement and enabling high power and high revolutions.

ÿ16,800 / SET *Circlip included

[Material] IN: ABB EX: PBB
[Total length] IN: 47mm EX: 47mm

A-type lightweight titanium retainer & reinforced cotter SET (7mm stem)



This is a reinforced part to reduce the weight of the valve train and stabilize the set length of the valve spring.
By combining it with the KAMEARI lightweight big valve, you can achieve even higher rotation speeds.

•7mm titanium retainer & reinforced cotter SET ÿ32,400

•7mm titanium retainer SET ÿ26,000
•7mm reinforced valve cotter SET ÿ6,400

Titanium 7.5g (standard 14g)
1.0mm + offset from STD

*Titanium coating enhances wear resistance.

A-type lightweight titanium retainer (8mm stem)

This lightweight part can be easily replaced with the OEM part without changing the set height. It is
about half the weight of the OEM part, yet has sufficient strength to help with high rotation. In addition, when combined with the reinforced valve cotter (sold separately), the stability of the spring set length can be improved.

ÿ26,000 /SET

Titanium 7.4g (standard 14g)
STD set height

*Titanium coating enhances wear resistance.

A-type hollow valve lifter

Reducing the weight of the valve train is essential for increasing the revolution speed of the A-type engine. This lifter has succeeded in reducing the weight by 24g by adopting a hollow design, which is the most effective way to reduce weight. In addition, by designing the diameter of the cam contact surface to be large, the effective contact area is increased when using a high lift cam, improving followability and durability.

ÿ60,000 /SET

*Compatible with: A10/A12/A14/A15

Internal cutaway model

The two independent atoms of the lifter shaft and head are integrated by metal fusion using a method called pressure welding.
The contact surface of the camshaft is buffed to improve surface roughness, and then treated with manganese phosphate. This improves oil film retention and strengthens wear resistance.

	Lifter diameter	Weight (g)
Kameari hollow lifter 22.5ÿ		38.4
Nissan Race Use	21ÿ	36.4
Nissan Genuine STD Product	22ÿ	62

*The listed price is the base price. Consumption tax will be added separately.