



KARTING BRAKES AND CLUTCHES

2026

BRAKING SPECIALISTS SINCE 1969

55 YEAR TRADITION OF DEVELOPING FRICTION MATERIAL



At Sinter, we design, develop, and test all our products in Slovenia to ensure uncompromising quality. With full in-house R&D, we continue to push the boundaries of brake technology.



Sinter's premium organic disc pads are not a replacement, but an **upgrade to your braking system.**



BRAKE PADS

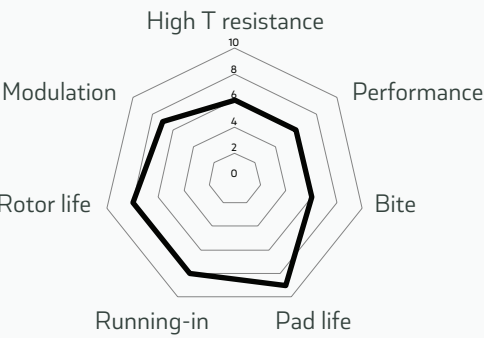
EXTREME PERFORMANCE



SINTER FRICTION MATERIALS

We produce more than 500 types of brake pads, developed from several of our own friction compounds. Custom formulations are also available upon request. **All brake pads are available in the following three materials:**

BLACK

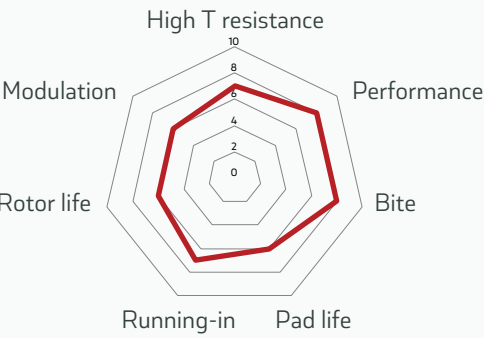


S-205 RENTAL

A low-wear material designed for durability and a stable friction coefficient.

- / LONG-LASTING PERFORMANCE
- / ORGANIC FORMULATION WITH LOW COPPER CONTENT
- / FAST BEDDING-IN
- / IDEAL FOR RENTAL APPLICATIONS

RED

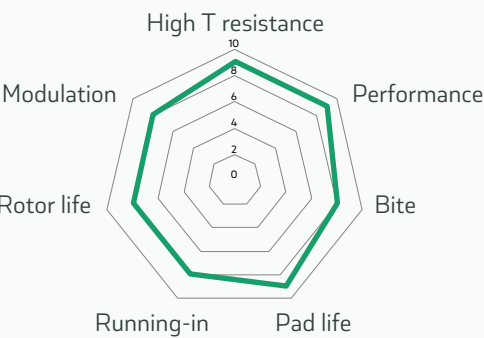


S-222 RACE

Developed for maximum braking loads in go-kart racing. Performs best with grey cast-iron brake discs.

- / EXCEPTIONAL PERFORMANCE
- / STRONG INITIAL BITE
- / SEMI-METALLIC FORMULATION
- / DESIGNED FOR RACE APPLICATIONS

GREEN



S-230 ELITE

Our racing compound for the most demanding competitors. Excellent modulation ensures complete control and confidence.

- / OVERALL CHAMPION
- / PURE RACING COMPOUND
- / NO COMPROMISES
- / SUPERIOR MODULATION

CUSTOM

Sinter's in-house R&D and production team can develop custom friction materials tailored to your needs. With our deep expertise, we support customers in testing, refining, and selecting the optimal specification.

BEDDING-IN PROCEDURE

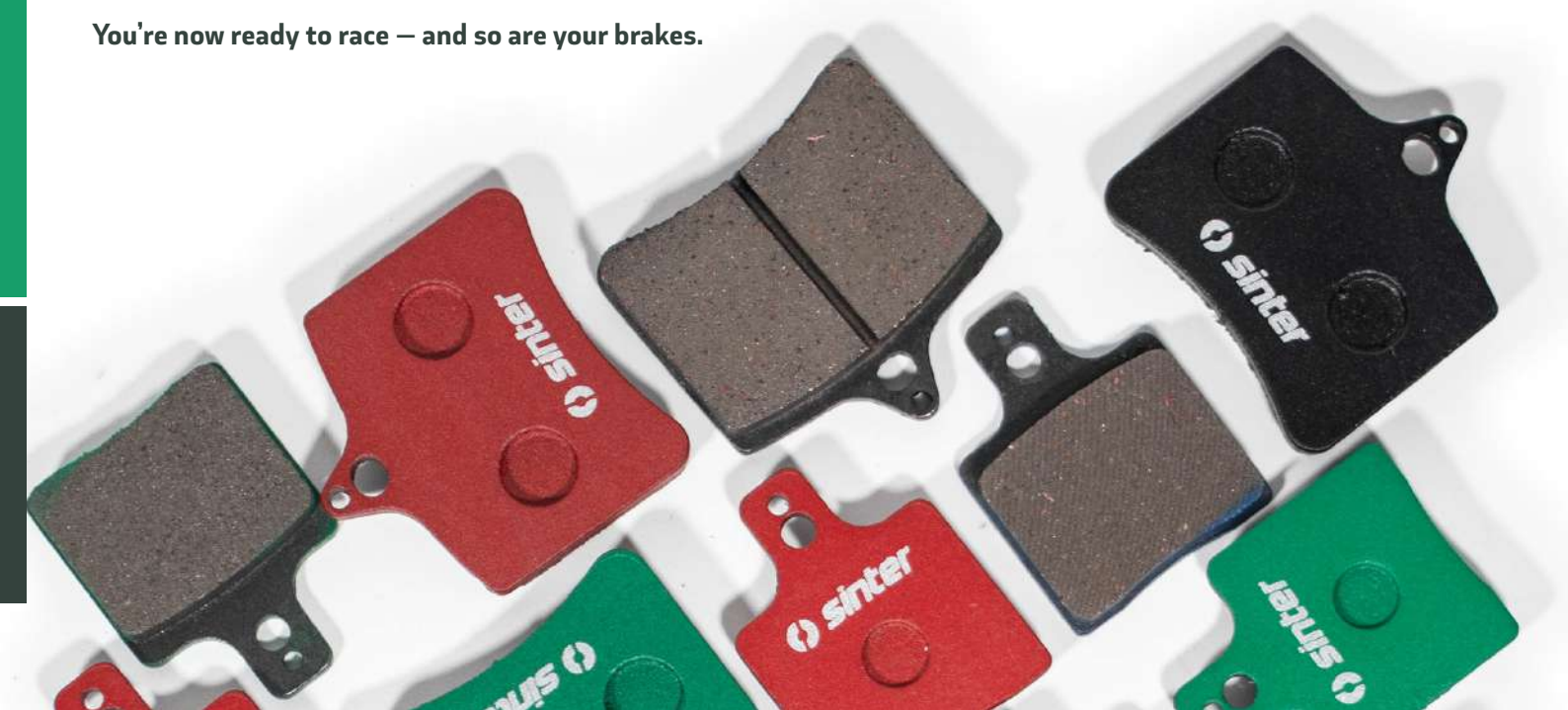
In order to ensure optimal braking performance and the best racing experience each new set of brake pads has to undergo bedding-in procedure when assembled in the braking system.

During this important phase brake pad surface is being adjusted against the brake disc surface and a transfer layer on the brake disc surface is being developed. This significantly affects friction and wear performance of the brake couple.

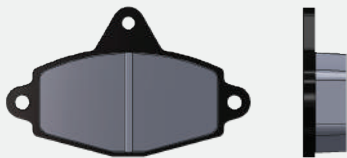
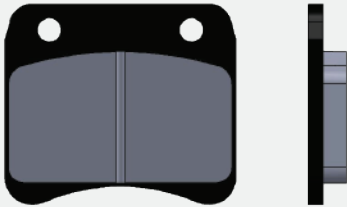
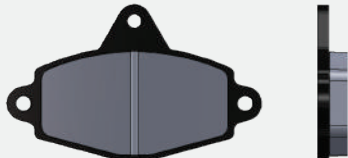
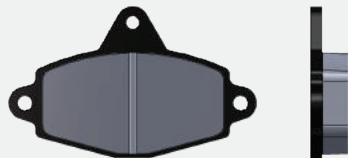
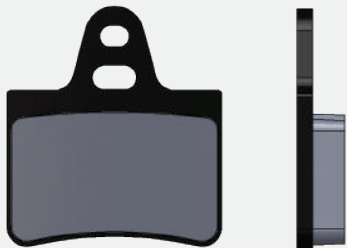
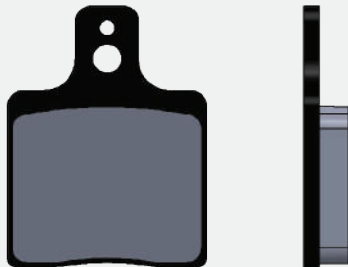
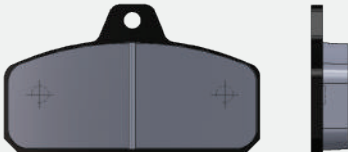
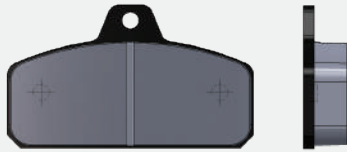
Sinter recommends the following bedding-in procedure:

- 1 Ensure that both the brake disc and brake pads are correctly installed.
- 2 Make sure all braking surfaces are clean and dry.
- 3 Begin with slow driving and apply light braking for a few seconds to reduce speed without coming to a full stop. Repeat 20 times.
- 4 Allow the brakes to cool down.
- 5 Increase speed gradually over the next 5-10 laps. Apply moderate braking only, avoiding any hard stops.
- 6 Allow the brakes to cool after each lap.
- 7 Finish with several high-speed, hard-braking laps (2-3 laps).
- 8 Let the brakes cool down completely.

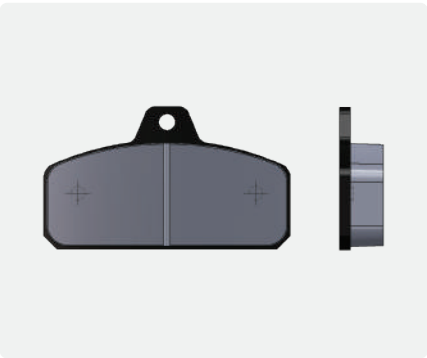
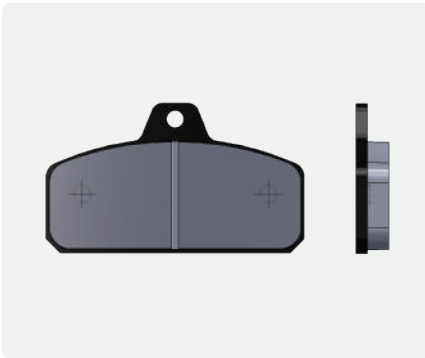
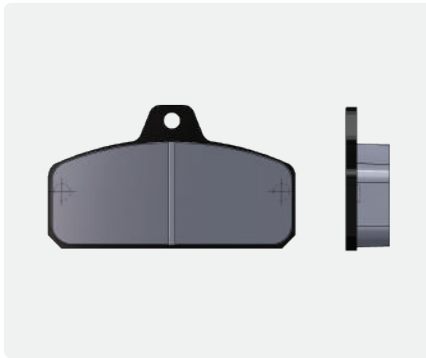
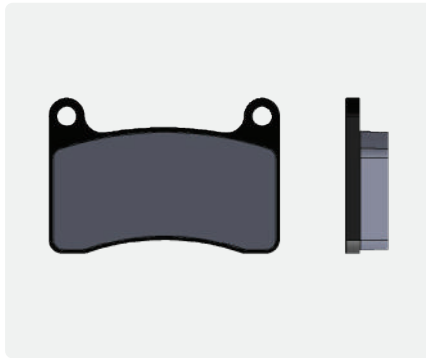
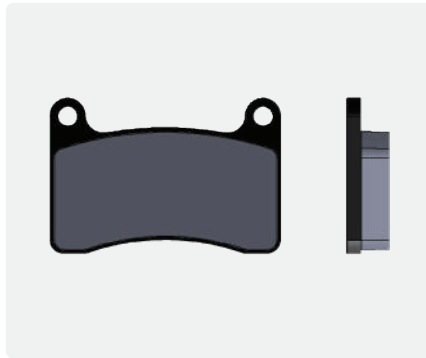
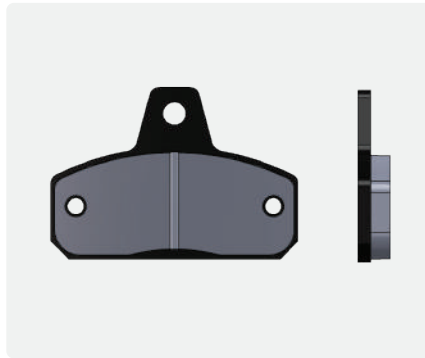
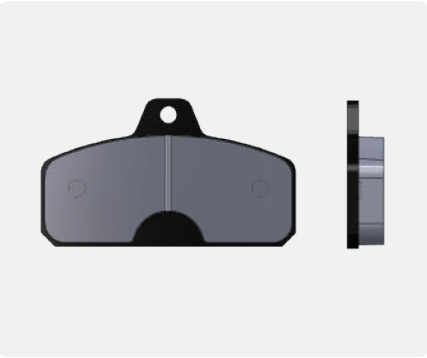
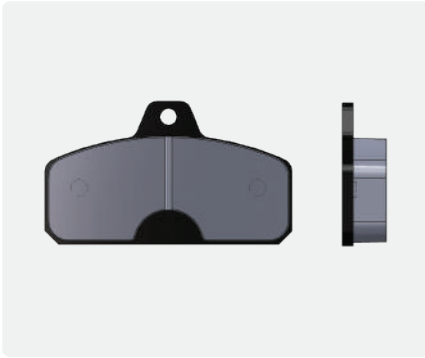
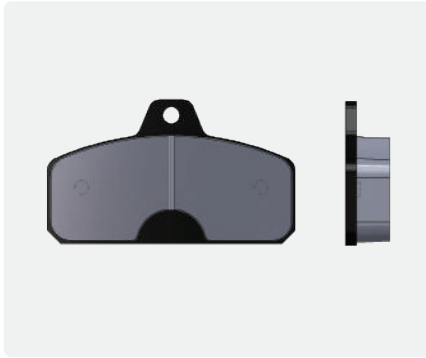
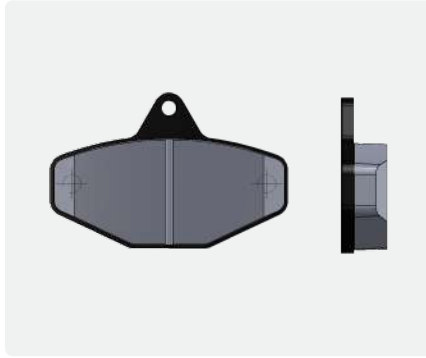
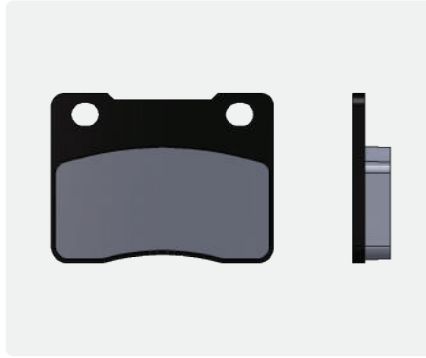
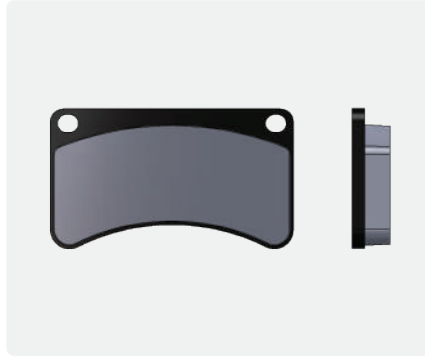
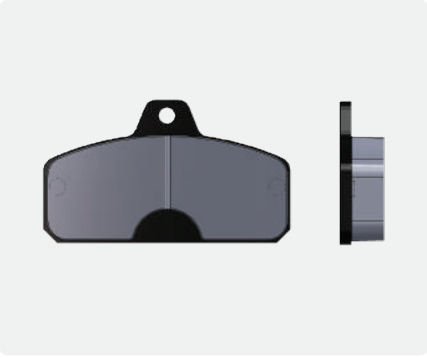
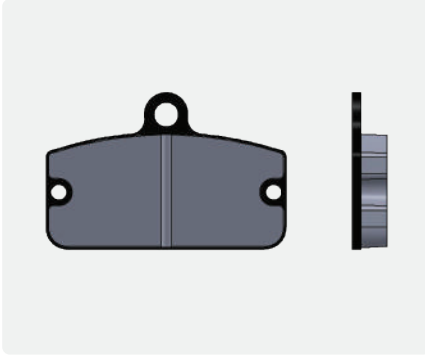
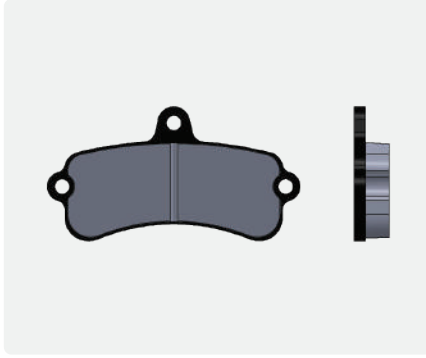
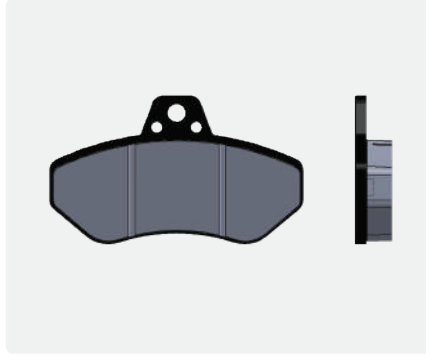
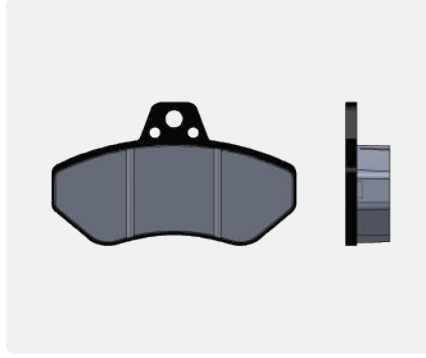
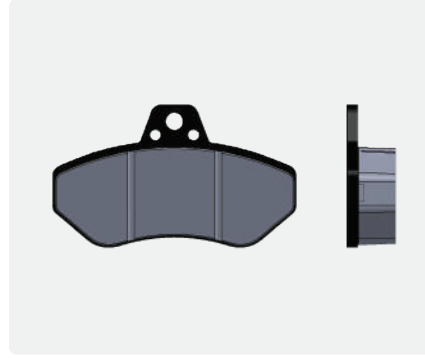
You're now ready to race — and so are your brakes.



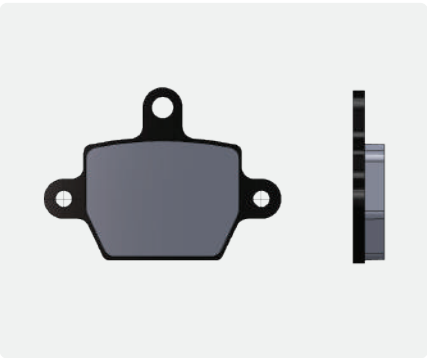
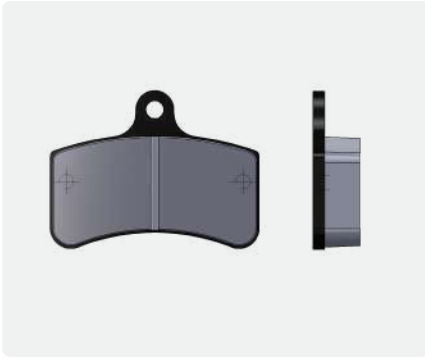
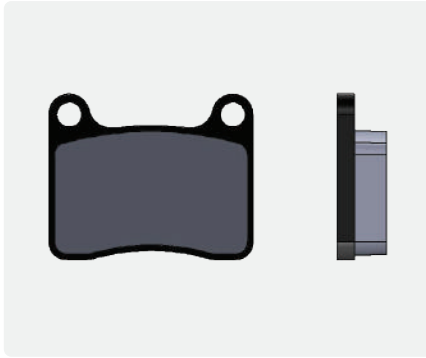
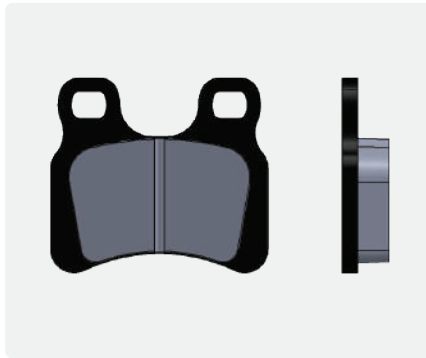
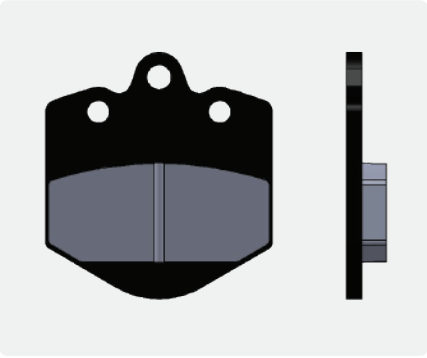
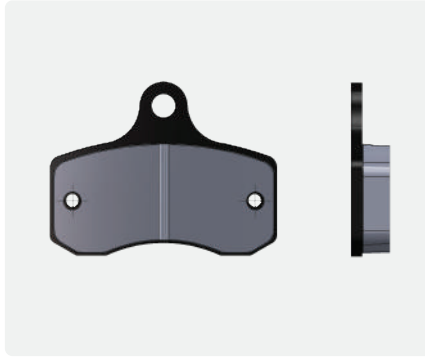
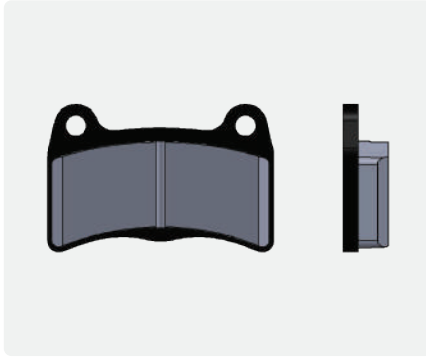
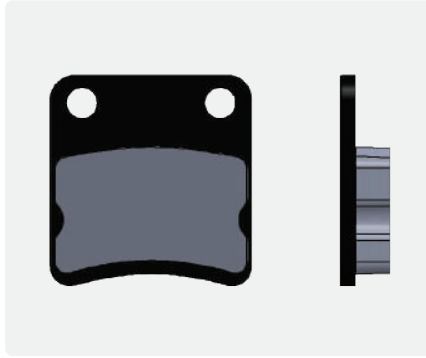
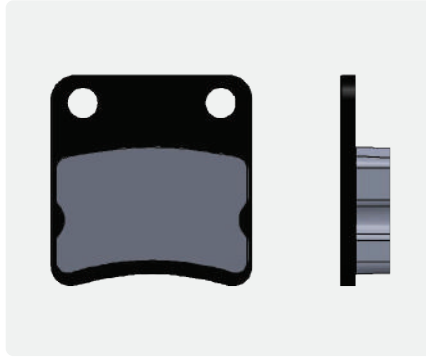
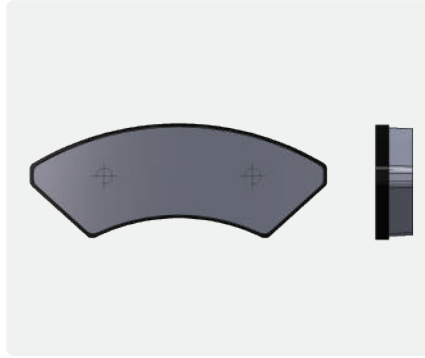
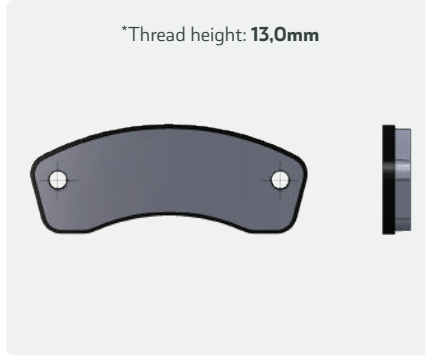
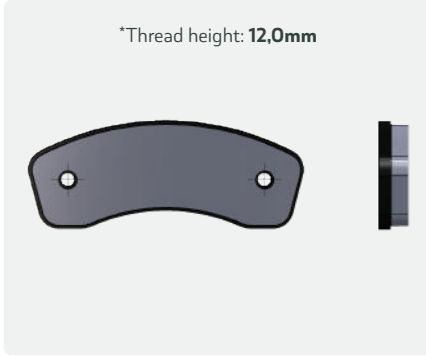
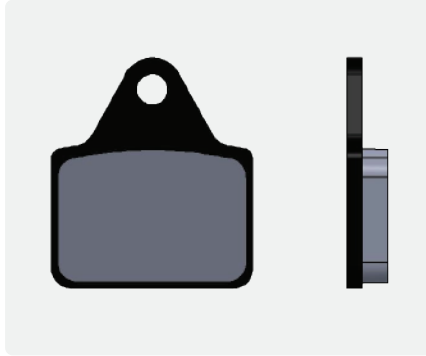
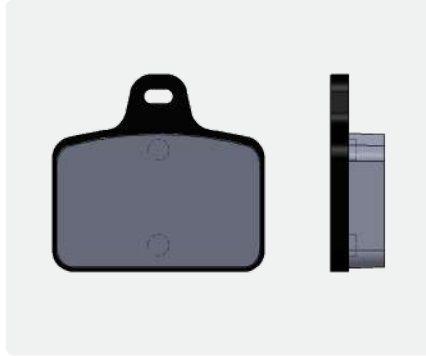
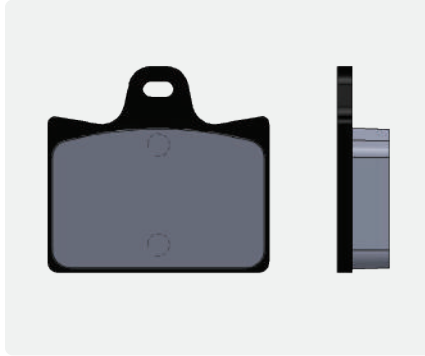
BRAKE PADS

027-0 Height (mm) - 51,4 Lenght (mm) - 59,3 Thickness (mm) - 10,0 Thread - / 	027-1 Height (mm) - 51,4 Lenght (mm) - 59,3 Thickness (mm) - 10,5 Thread - / 	027-2 Height (mm) - 51,4 Lenght (mm) - 108,8 Thickness (mm) - 13,3 Thread - / 	340-0 Height (mm) - 59,8 Lenght (mm) - 78,3 Thickness (mm) - 14,0 Thread - / 	359-0 Height (mm) - 51,0 Lenght (mm) - 61,7 Thickness (mm) - 15,0 Thread - / 	401-1 Height (mm) - 51,5 Lenght (mm) - 85,0 Thickness (mm) - 15,0 Thread - M6 74mm 
027-6 Height (mm) - 51,4 Lenght (mm) - 59,3 Thickness (mm) - 10,0 Thread - / 	092-0 Height (mm) - 42,0 Lenght (mm) - 97,0 Thickness (mm) - 11,0 Thread - M6 82mm 	092-5 Height (mm) - 42,0 Lenght (mm) - 97,0 Thickness (mm) - 14,5 Thread - M6 82mm 	401-2 Height (mm) - 51,5 Lenght (mm) - 85,0 Thickness (mm) - 10,2 Thread - M6 74mm 	401-3 Height (mm) - 51,5 Lenght (mm) - 85,0 Thickness (mm) - 13,0 Thread - M6 74mm 	402-0 Height (mm) - 48,0 Lenght (mm) - 43,0 Thickness (mm) - 10,0 Thread - / 
098-0 Height (mm) - 53,3 Lenght (mm) - 55,5 Thickness (mm) - 14,5 Thread - / 	108-0 Height (mm) - 60,0 Lenght (mm) - 54,0 Thickness (mm) - 12,0 Thread - / 	296-5 Height (mm) - 62,8 Lenght (mm) - 90,0 Thickness (mm) - 17,5 Thread - / 	403-0 Height (mm) - 49,8 Lenght (mm) - 37,9 Thickness (mm) - 8,5 Thread - / 	405-0 Height (mm) - 52,0 Lenght (mm) - 90,0 Thickness (mm) - 13,0 Thread - M6 65mm 	405-1 Height (mm) - 52,0 Lenght (mm) - 90,0 Thickness (mm) - 16,0 Thread - M6 65mm 

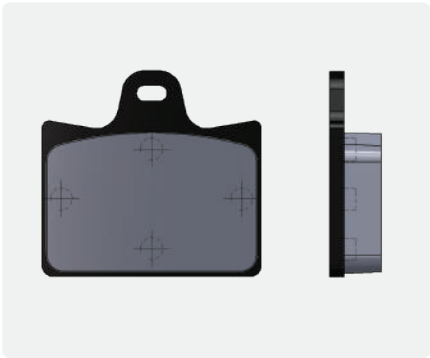
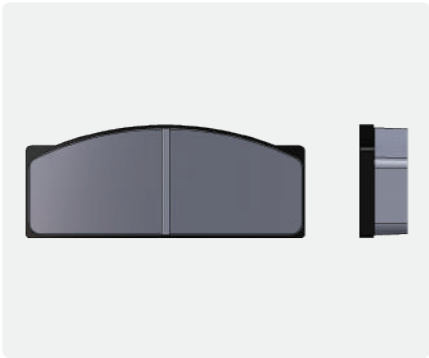
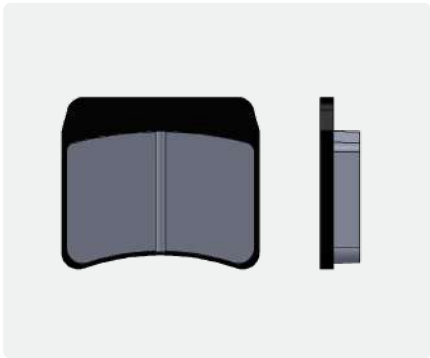
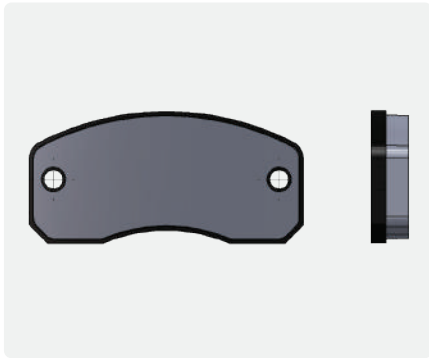
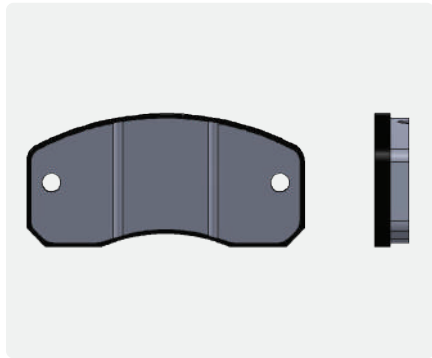
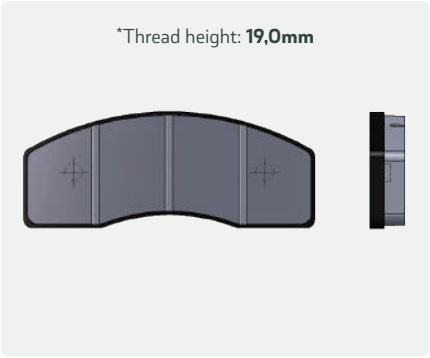
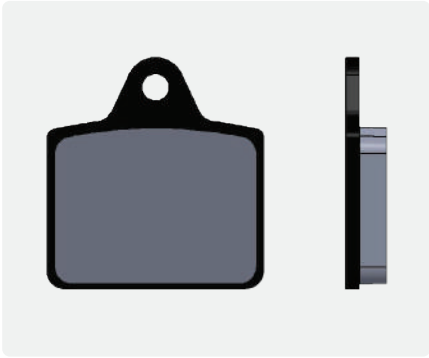
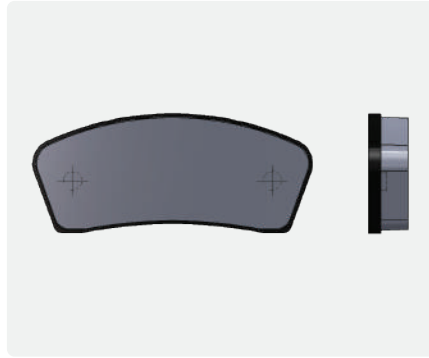
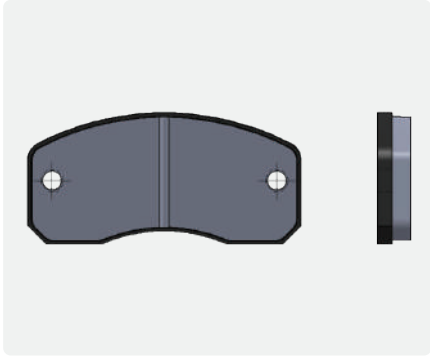
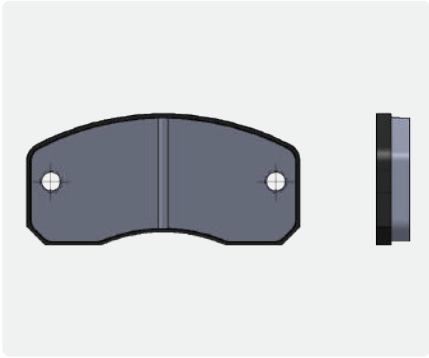
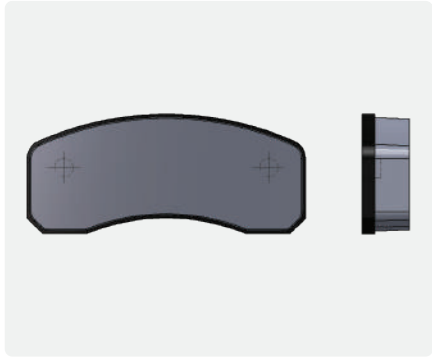
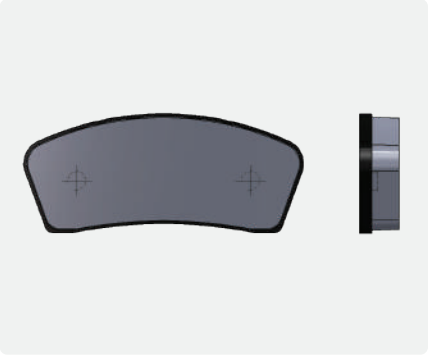
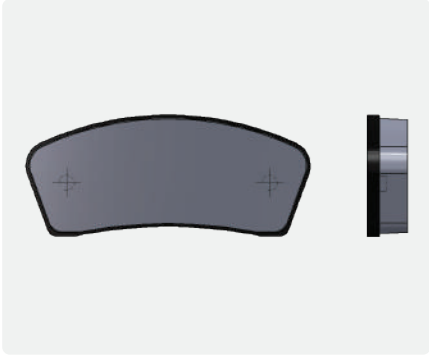
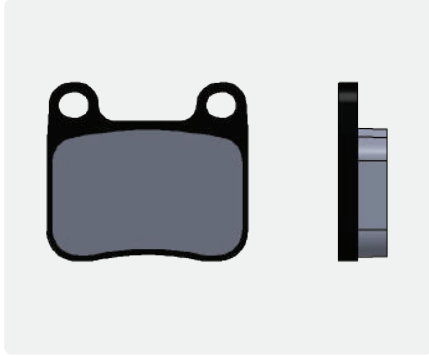
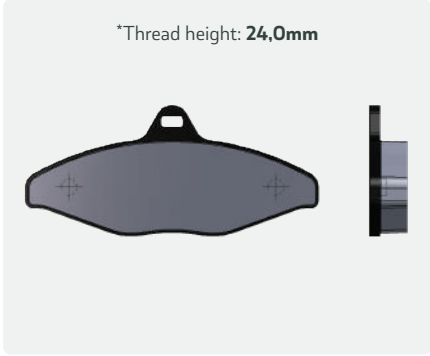
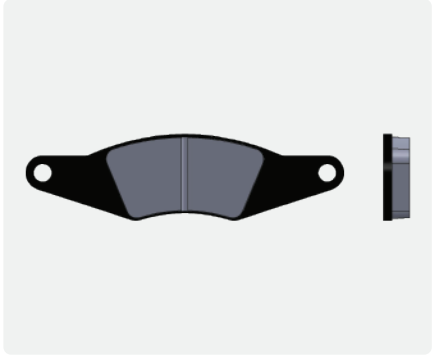
BRAKE PADS

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406-0 Height (mm) - 52,0 Lenght (mm) - 90,0 Thickness (mm) - 13,0 Thread - M6 65mm 	406-1 Height (mm) - 52,0 Lenght (mm) - 90,0 Thickness (mm) - 16,0 Thread - M6 65mm 	406-2 Height (mm) - 52,0 Lenght (mm) - 90,0 Thickness (mm) - 16,0 Thread - M5 65mm 	412-0 Height (mm) - 51 Lenght (mm) - 78 Thickness (mm) - 15 Thread - / 	413-0 Height (mm) - 40,0 Lenght (mm) - 52,5 Thickness (mm) - 9,0 Thread - / 	414-0 Height (mm) - 43,4 Lenght (mm) - 76,0 Thickness (mm) - 12,0 Thread - / 
406-4 Height (mm) - 52,0 Lenght (mm) - 90,0 Thickness (mm) - 16,0 Thread - M6 80mm 	407-0 Height (mm) - 42,9 Lenght (mm) - 65,9 Thickness (mm) - 9,5 Thread - M5 59mm 	408-0 Height (mm) - 45,5 Lenght (mm) - 86,0 Thickness (mm) - 12,0 Thread - M6 76mm 	417-0 Height (mm) - 52,3 Lenght (mm) - 89,5 Thickness (mm) - 13,0 Thread - M6 65/80mm 	417-1 Height (mm) - 52,3 Lenght (mm) - 89,5 Thickness (mm) - 16,0 Thread - M6 65/80mm 	417-2 Height (mm) - 52,3 Lenght (mm) - 89,5 Thickness (mm) - 18,0 Thread - M6 65/80mm 

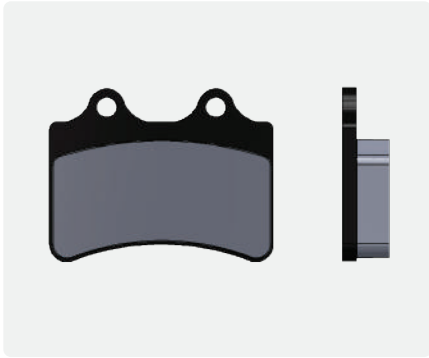
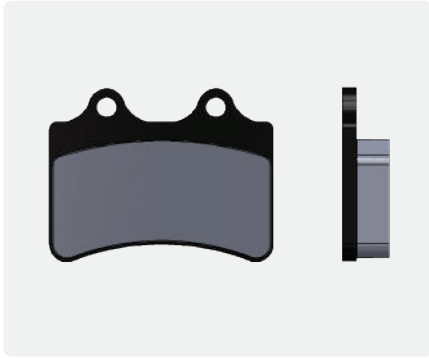
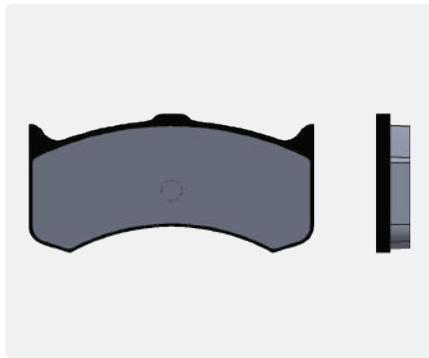
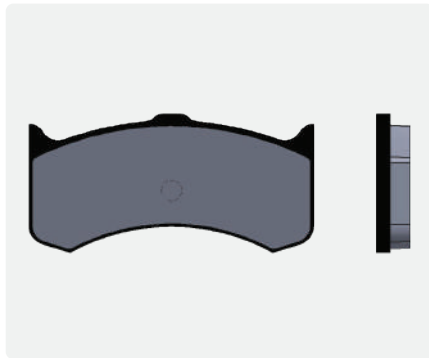
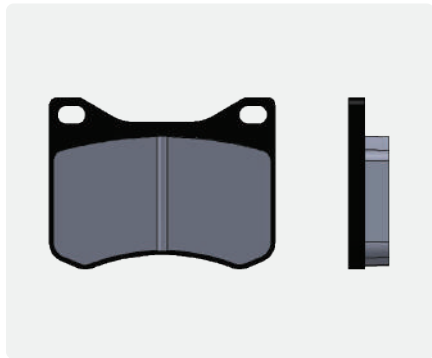
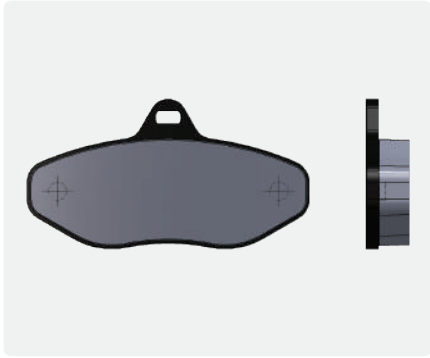
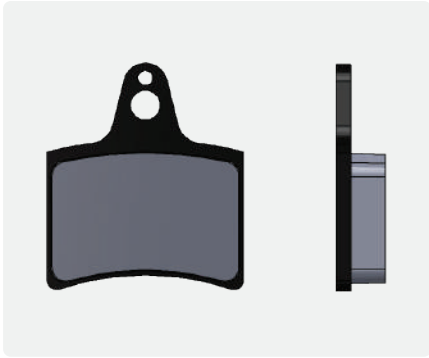
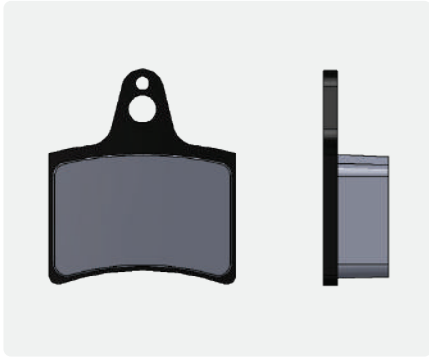
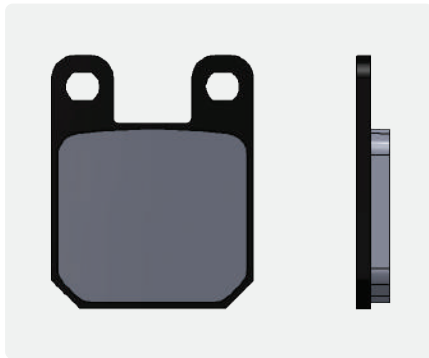
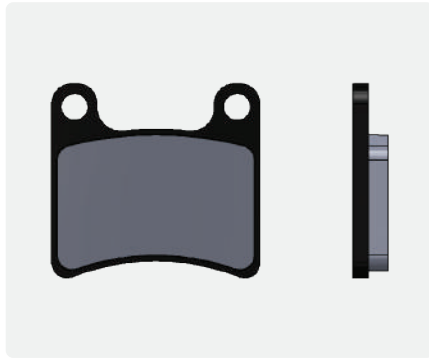
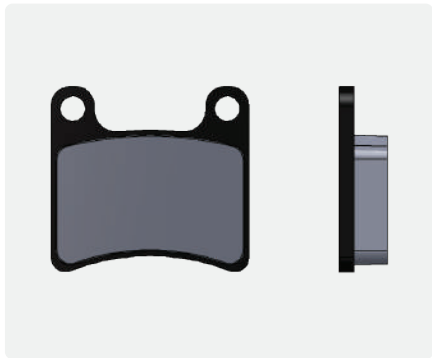
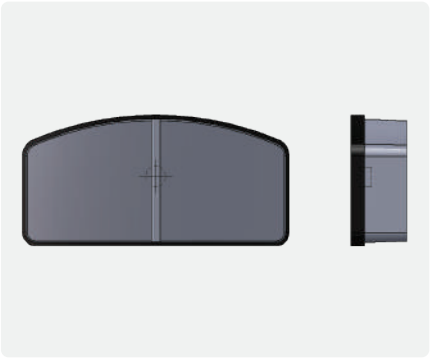
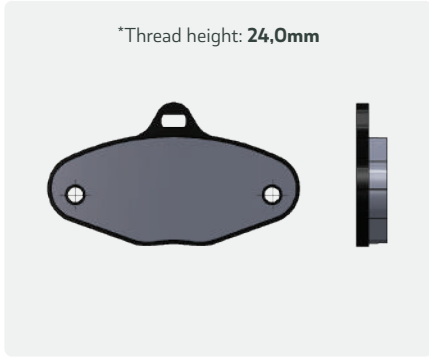
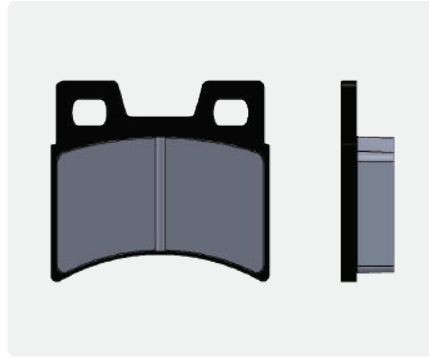
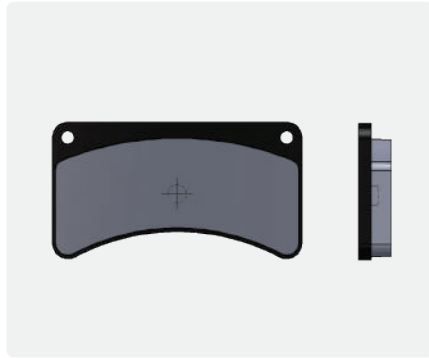
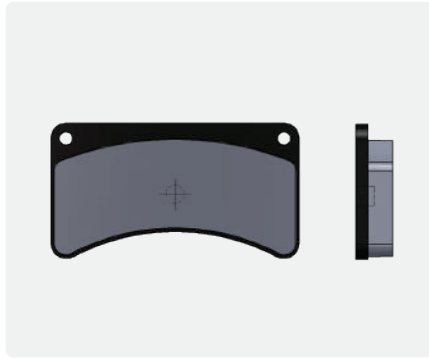
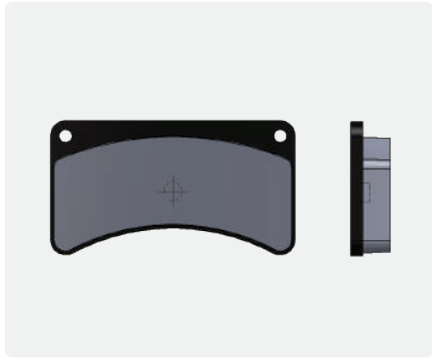
BRAKE PADS

419-0 Height (mm) - 43,5 Lenght (mm) - 60,0 Thickness (mm) - 8,0 Thread - M5 50mm 	420-0 Height (mm) - 53,6 Lenght (mm) - 71 Thickness (mm) - 16 Thread - / 	423-0 Height (mm) - 36,5 Lenght (mm) - 45,0 Thickness (mm) - 11,0 Thread - / 	431-0 Height (mm) - 49,8 Lenght (mm) - 55,6 Thickness (mm) - 12,0 Thread - / 	433-0 Height (mm) - 42,9 Lenght (mm) - 41,1 Thickness (mm) - 8,5 Thread - / 	434-0 Height (mm) - 42,9 Lenght (mm) - 41,1 Thickness (mm) - 7,5 Thread - / 
424-0 Height (mm) - 60,4 Lenght (mm) - 56,0 Thickness (mm) - 10,0 Thread - / 	425-0 Height (mm) - 43,6 Lenght (mm) - 57,2 Thickness (mm) - 10,0 Thread - M4 46mm 	429-0 Height (mm) - 39,1 Lenght (mm) - 60,0 Thickness (mm) - 12,0 Thread - / 	434-1 Height (mm) - 42,9 Lenght (mm) - 41,1 Thickness (mm) - 10,0 Thread - / 	434-2 Height (mm) - 42,9 Lenght (mm) - 41,1 Thickness (mm) - 8,5 Thread - / 	435-0 Height (mm) - 43,0 Lenght (mm) - 112,0 Thickness (mm) - 14,0 Thread - M6 56mm 
430-0 Height (mm) - 26,4 Lenght (mm) - 67,3 Thickness (mm) - 13,0 Thread - M4* 54mm *Thread height: 13,0mm 	430-1 Height (mm) - 26,4 Lenght (mm) - 67,3 Thickness (mm) - 13,0 Thread - M5* 54mm *Thread height: 13,0mm 	430-3 Height (mm) - 26,4 Lenght (mm) - 67,3 Thickness (mm) - 12,0 Thread - M4* 48mm *Thread height: 12,0mm 	436-0 Height (mm) - 44,5 Lenght (mm) - 39,0 Thickness (mm) - 8,0 Thread - / 	437-0 Height (mm) - 55,5 Lenght (mm) - 55,5 Thickness (mm) - 15 Thread - / 	438-0 Height (mm) - 55,5 Lenght (mm) - 59,6 Thickness (mm) - 14,0 Thread - M6 26,9mm 

BRAKE PADS

438-1 Height (mm) - 55,5 Lenght (mm) - 59,6 Thickness (mm) - 14,0 Thread - M6 26,9/49mm 	439-0 Height (mm) - 38,5 Lenght (mm) - 95,2 Thickness (mm) - 16,5 Thread - / 	440-0 Height (mm) - 36,8 Lenght (mm) - 98 Thickness (mm) - 17 Thread - / 	447-0 Height (mm) - 51,3 Lenght (mm) - 59,4 Thickness (mm) - 12 Thread - / 	448-0 Height (mm) - 35,0 Lenght (mm) - 73,0 Thickness (mm) - 10,0 Thread - M6 60mm 	448-1 Height (mm) - 35,0 Lenght (mm) - 73,0 Thickness (mm) - 9,0 Thread - M6 60mm 
441-2 Height (mm) - 39,0 Lenght (mm) - 99,0 Thickness (mm) - 12,0 Thread - M6* 65mm *Thread height: 19,0mm 	442-0 Height (mm) - 51,0 Lenght (mm) - 48,0 Thickness (mm) - 9,0 Thread - / 	445-0 Height (mm) - 38,8 Lenght (mm) - 91,1 Thickness (mm) - 13,0 Thread - M6 65mm 	448-2 Height (mm) - 35,0 Lenght (mm) - 73,0 Thickness (mm) - 9,0 Thread - M6 60mm 	448-4 Height (mm) - 35 Lenght (mm) - 73 Thickness (mm) - 10,0 Thread - M6 60mm 	449-0 Height (mm) - 38,0 Lenght (mm) - 88,4 Thickness (mm) - 15,0 Thread - M6 65mm 
445-1 Height (mm) - 38,8 Lenght (mm) - 91,1 Thickness (mm) - 13,0 Thread - M6 56,5mm 	445-2 Height (mm) - 38,8 Lenght (mm) - 91,1 Thickness (mm) - 13,0 Thread - M5 65mm 	446-0 Height (mm) - 36,0 Lenght (mm) - 40,8 Thickness (mm) - 10,0 Thread - / 	450-0 Height (mm) - 48,2 Lenght (mm) - 108,0 Thickness (mm) - 14,0 Thread - M6* 76mm *Thread height: 24,0mm 	450-1 Height (mm) - 48,2 Lenght (mm) - 108,0 Thickness (mm) - 12,0 Thread - M6 97mm *Thread height: 26,0mm 	451-0 Height (mm) - 39,2 Lenght (mm) - 145,6 Thickness (mm) - 12,0 Thread - / 

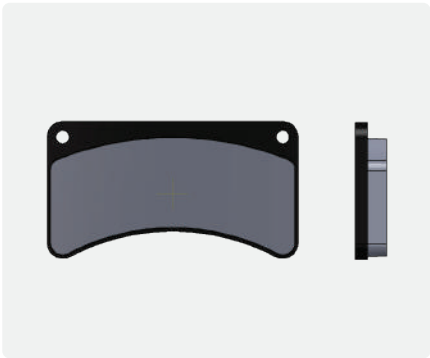
BRAKE PADS

452-0 Height (mm) - 47,4 Thickness (mm) - 12,2 Lenght (mm) - 61,5 Thread - / 	454-0 Height (mm) - 47,4 Thickness (mm) - 13,0 Lenght (mm) - 61,5 Thread - / 	454-0 Height (mm) - 47,4 Thickness (mm) - 13,0 Lenght (mm) - 61,5 Thread - / 	467-0 Height (mm) - 40,6 Thickness (mm) - 10,0 Lenght (mm) - 83,5 Thread - M6 	467-1 Height (mm) - 40,6 Thickness (mm) - 10,0 Lenght (mm) - 83,5 Thread - M6 	474-0 Height (mm) - 42,3 Thickness (mm) - 10,0 Lenght (mm) - 55,8 Thread - / 
455-0 Height (mm) - 48,8 Thickness (mm) - 14,0 Lenght (mm) - 92,0 Thread - M6 72mm 	456-0 Height (mm) - 45,9 Thickness (mm) - 10,0 Lenght (mm) - 40,0 Thread - / 	456-1 Height (mm) - 45,9 Thickness (mm) - 14,0 Lenght (mm) - 40,0 Thread - / 	475-0 Height (mm) - 45,0 Thickness (mm) - 6,0 Lenght (mm) - 36,0 Thread - / 	476-0 Height (mm) - 38,4 Thickness (mm) - 7,0 Lenght (mm) - 41,0 Thread - / 	476-1 Height (mm) - 38,4 Thickness (mm) - 10,0 Lenght (mm) - 41,0 Thread - / 
464-0 Height (mm) - 38,7 Thickness (mm) - 16,5 Lenght (mm) - 79,0 Thread - M6 	465-0 Height (mm) - 46,6 Thickness (mm) - 10,0 Lenght (mm) - 82,0 Thread - M6* 64mm *Thread height: 24,0mm 	466-0 Height (mm) - 50,8 Thickness (mm) - 13,6 Lenght (mm) - 55,6 Thread - / 	479-0 Height (mm) - 43,6 Thickness (mm) - 10,5 Lenght (mm) - 79,8 Thread - M5 	479-1 Height (mm) - 43,6 Thickness (mm) - 12,0 Lenght (mm) - 79,8 Thread - M5 	479-2 Height (mm) - 43,6 Thickness (mm) - 13,0 Lenght (mm) - 79,8 Thread - M5 

BRAKE PADS

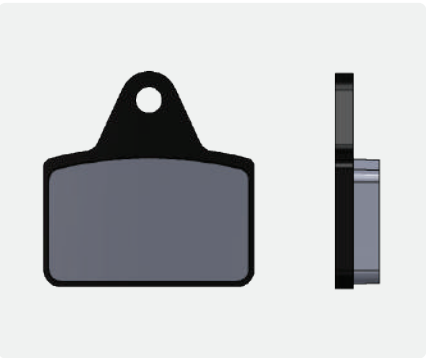
479-3

Height (mm) - **43,6** Thickness (mm) - **10,2**
Lenght (mm) - **79,8** Thread - /



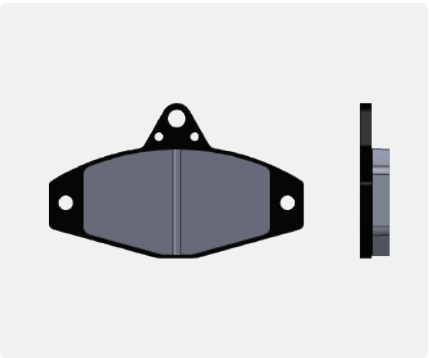
482-0

Height (mm) - **49,0** Thickness (mm) - **10,0**
Lenght (mm) - **48,0** Thread - /



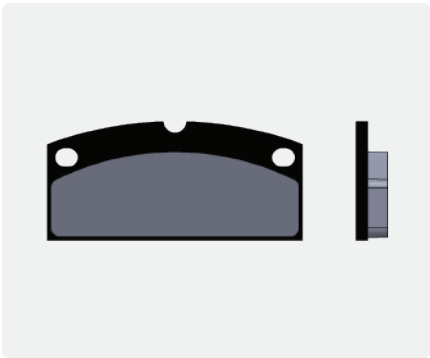
483-0

Height (mm) - **51,5** Thickness (mm) - **10,0**
Lenght (mm) - **85,0** Thread - **M6 74mm**



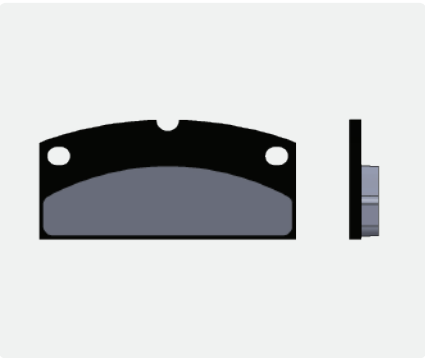
494-0

Height (mm) - **41,2** Thickness (mm) - **11,0**
Lenght (mm) - **88,8** Thread - /



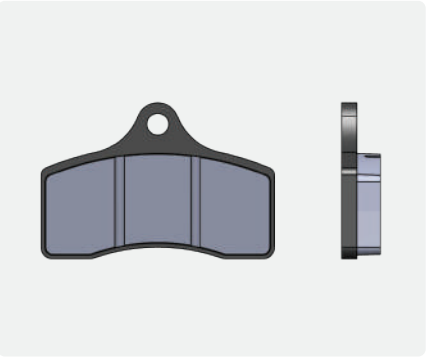
494-1

Height (mm) - **41,2** Thickness (mm) - **10,0**
Lenght (mm) - **88,8** Thread - /



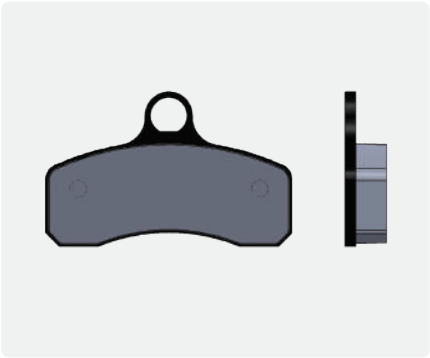
497-0

Height (mm) - **40,0** Thickness (mm) - **10,0**
Lenght (mm) - **60,0** Thread - /



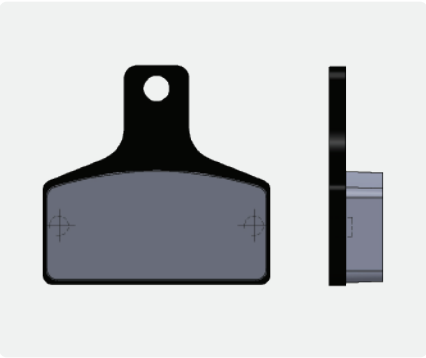
487-0

Height (mm) - **55,5** Thickness (mm) - **15,0**
Lenght (mm) - **88,4** Thread - **M6 65mm**



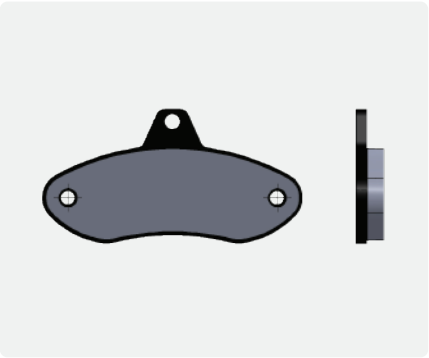
489-0

Height (mm) - **67,0** Thickness (mm) - **16,5**
Lenght (mm) - **70,0** Thread - **M6 60mm**



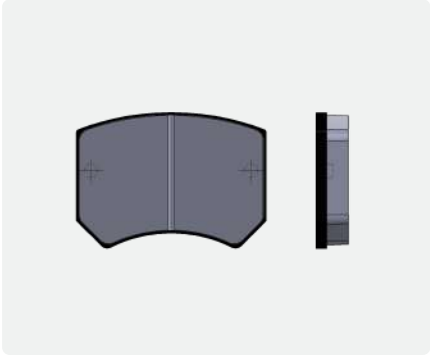
490-0

Height (mm) - **47,4** Thickness (mm) - **10,0**
Lenght (mm) - **92,1** Thread - **M6 74mm**



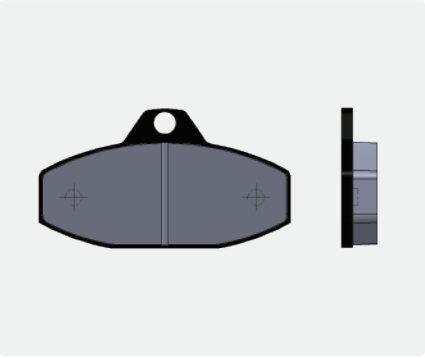
500-0

Height (mm) - **50** Thickness (mm) - **12**
Lenght (mm) - **70** Thread - /



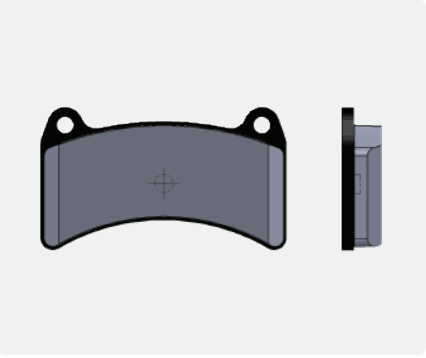
501-0

Height (mm) - **49,0** Thickness (mm) - **12,8**
Lenght (mm) - **89,6** Thread - **M6 65mm**



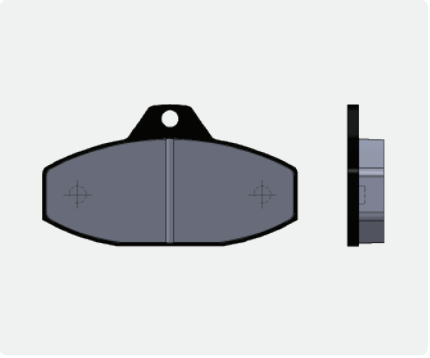
502-0

Height (mm) - **46,2** Thickness (mm) - **13,0**
Lenght (mm) - **80,0** Thread - **M6**



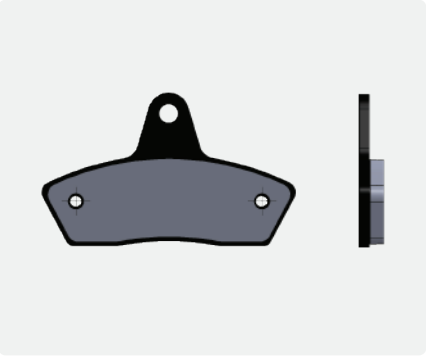
491-0

Height (mm) - **49,0** Thickness (mm) - **12,8**
Lenght (mm) - **89,6** Thread - **M6 65mm**



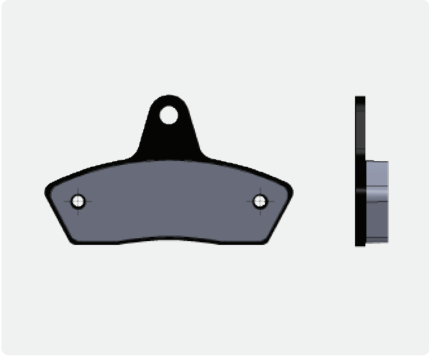
492-0

Height (mm) - **44,5** Thickness (mm) - **7,2**
Lenght (mm) - **73,8** Thread - **M4 54mm**



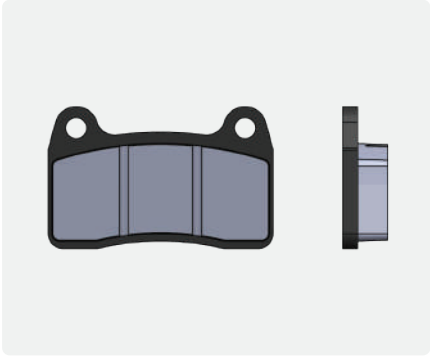
492-1

Height (mm) - **44,5** Thickness (mm) - **9,8**
Lenght (mm) - **73,8** Thread - **M4 54mm**



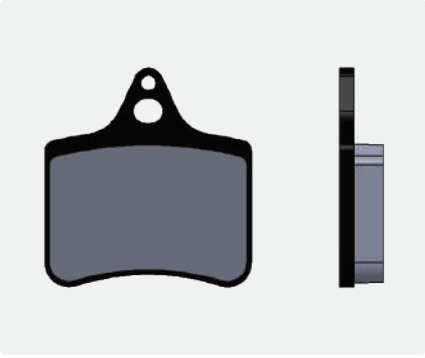
503-0

Height (mm) - **37,8** Thickness (mm) - **12,0**
Lenght (mm) - **60,0** Thread - /



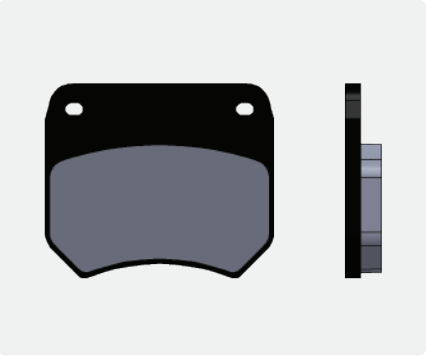
504-0

Height (mm) - **45,0** Thickness (mm) - **9,0**
Lenght (mm) - **42,8** Thread - /



505-0

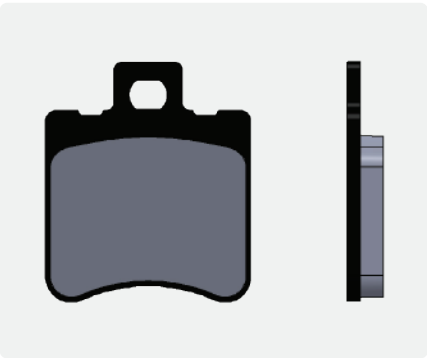
Height (mm) - **50,4** Thickness (mm) - **9,5**
Lenght (mm) - **59,4** Thread - /



BRAKE PADS

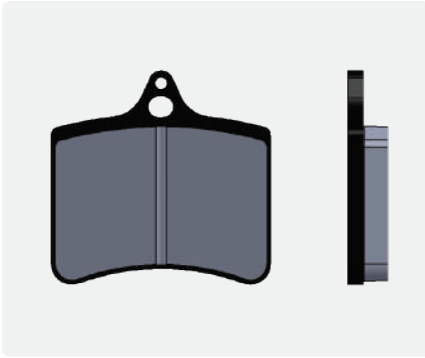
506-0

Height (mm) - **46,5**
Lenght (mm) - **39,9**
Thickness (mm) - **7,0**
Thread - /



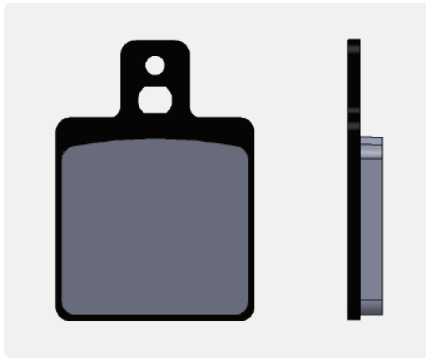
507-0

Height (mm) - **52,3**
Lenght (mm) - **53,8**
Thickness (mm) - **10,0**
Thread - /



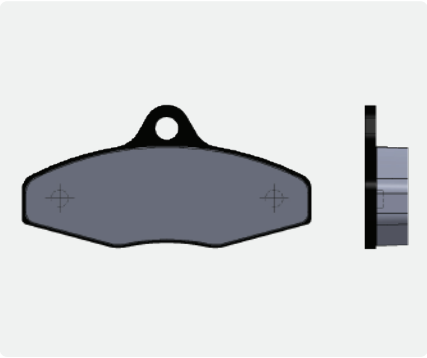
509-0

Height (mm) - **56,5**
Lenght (mm) - **40,0**
Thickness (mm) - **7,0**
Thread - /



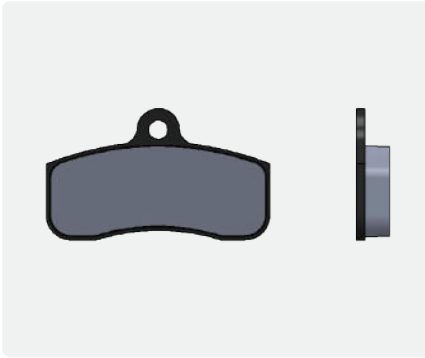
510-0

Height (mm) - **49,3**
Lenght (mm) - **100,0**
Thickness (mm) - **15,0**
Thread - **M6 74mm**



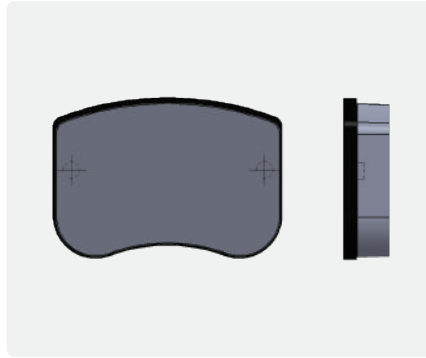
512-0

Height (mm) - **31,3**
Lenght (mm) - **52,9**
Thickness (mm) - **8**
Thread - /



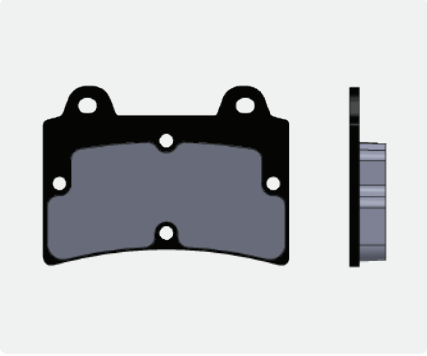
513-0

Height (mm) - **48,9**
Lenght (mm) - **69,8**
Thickness (mm) - **14,0**
Thread - **M5 58,8mm**



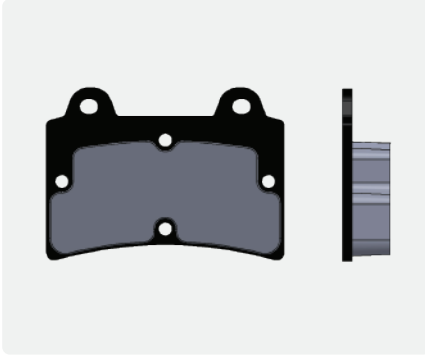
515-0

Height (mm) - **54,4**
Lenght (mm) - **74,8**
Thickness (mm) - **11,0**
Thread - **M5 28/65mm**



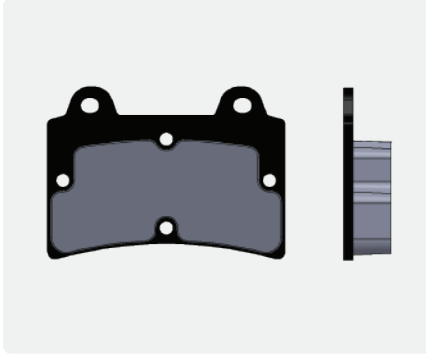
515-1

Height (mm) - **54,4**
Lenght (mm) - **74,8**
Thickness (mm) - **15,0**
Thread - **M5 28/65mm**



515-2

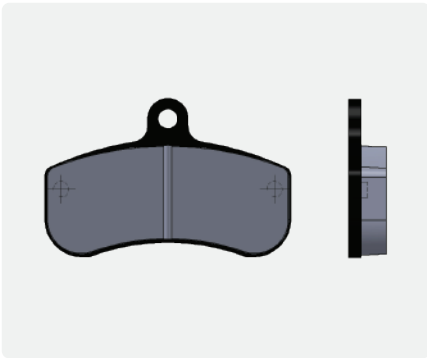
Height (mm) - **54,4**
Lenght (mm) - **74,8**
Thickness (mm) - **10,0**
Thread - **M5 28/65mm**



BRAKE PADS

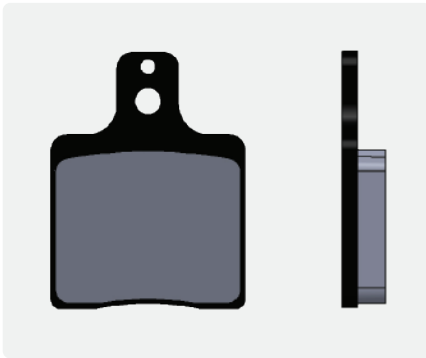
516-0

Height (mm) - **50,6**
Lenght (mm) - **78,5**
Thickness (mm) - **12,0**
Thread - **M5 68mm**



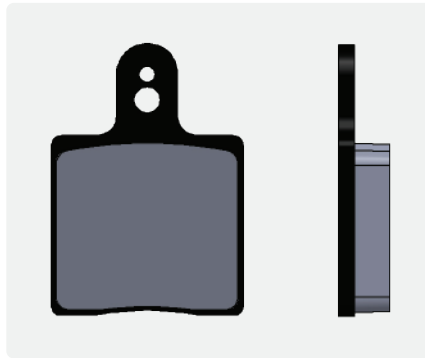
519-0

Height (mm) - **49,8**
Lenght (mm) - **37,9**
Thickness (mm) - **8,5**
Thread - /



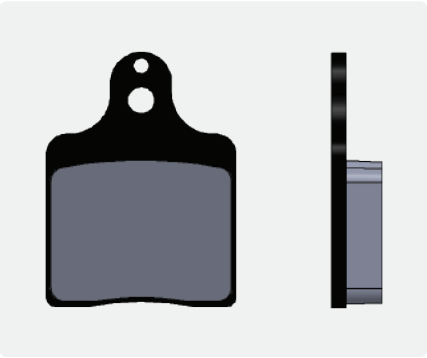
522-0

Height (mm) - **53,0**
Lenght (mm) - **37,5**
Thickness (mm) - **10,0**
Thread - /



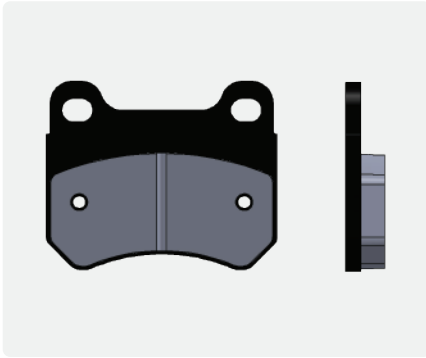
523-0

Height (mm) - **49,7**
Lenght (mm) - **37,1**
Thickness (mm) - **10,0**
Thread - /



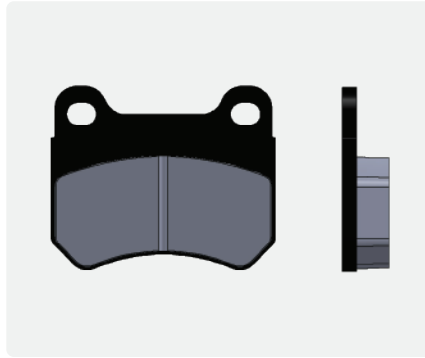
524-0

Height (mm) - **50,3**
Lenght (mm) - **61,6**
Thickness (mm) - **10,5**
Thread - **M4 44mm**



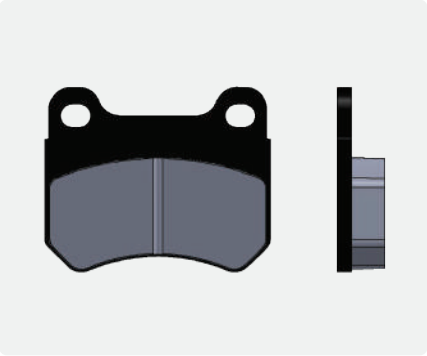
524-1

Height (mm) - **50,3**
Lenght (mm) - **61,6**
Thickness (mm) - **13,0**
Thread - /



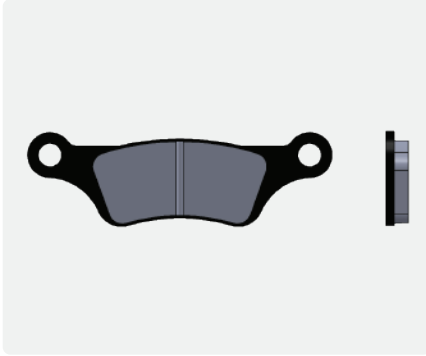
524-2

Height (mm) - **50,3**
Lenght (mm) - **61,6**
Thickness (mm) - **13,0**
Thread - **M6* 50mm**



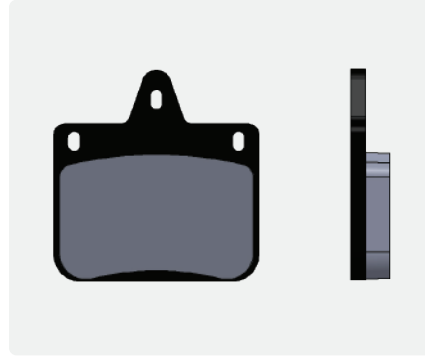
525-0

Height (mm) - **33,2**
Lenght (mm) - **108,0**
Thickness (mm) - **8,0**
Thread - /



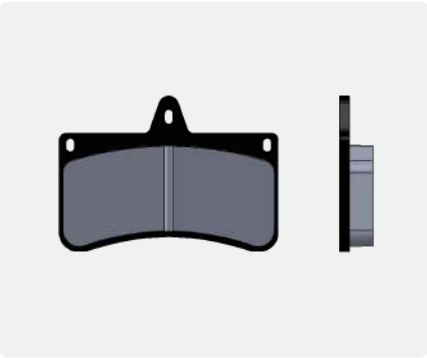
526-0

Height (mm) - **43,0**
Lenght (mm) - **41,8**
Thickness (mm) - **8,0**
Thread - /



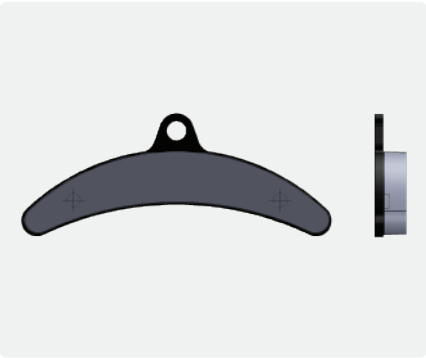
527-0

Height (mm) - **46** Thickness (mm) - **10**
Lenght (mm) - **64,8** Thread - /



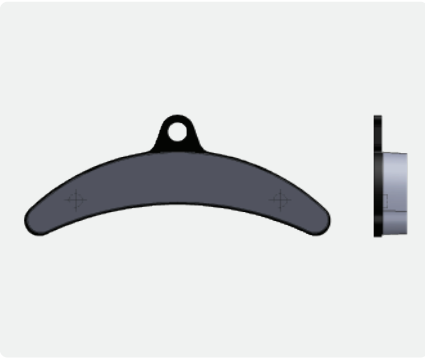
528-0

Height (mm) - **53,2** Thickness (mm) - **14,0**
Lenght (mm) - **135,2** Thread - **M6 90mm**



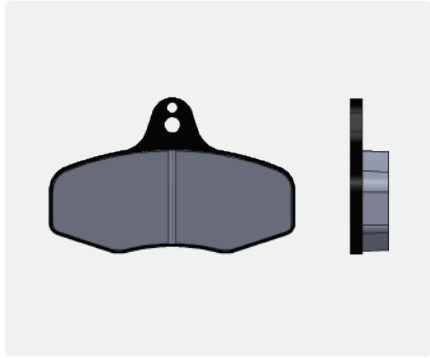
528-1

Height (mm) - **53,2** Thickness (mm) - **15,0**
Lenght (mm) - **135,2** Thread - **M6 90mm**



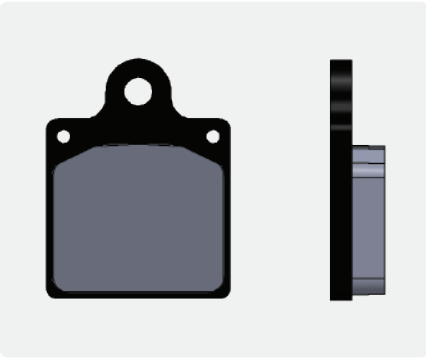
536-0

Height (mm) - **51,5** Thickness (mm) - **12,8**
Lenght (mm) - **81,7** Thread - /



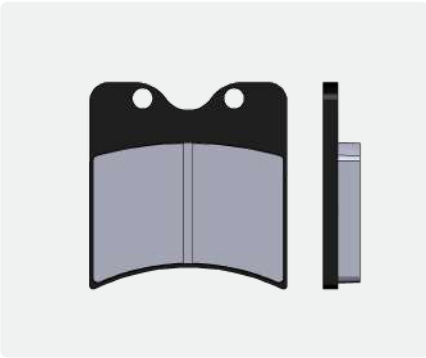
537-0

Height (mm) - **44,0** Thickness (mm) - **10,0**
Lenght (mm) - **33,8** Thread - /



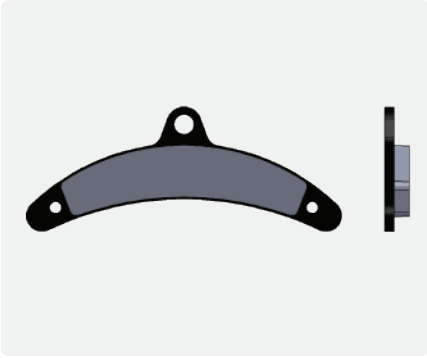
541-0

Height (mm) - **56,1** Thickness (mm) - **10**
Lenght (mm) - **54** Thread - /



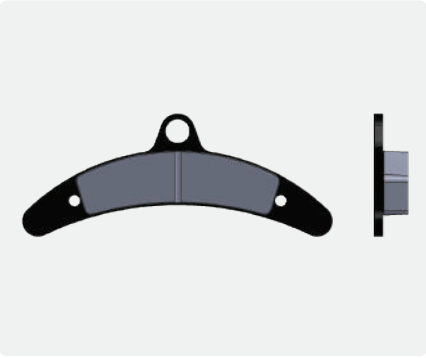
528-2

Height (mm) - **53,2** Thickness (mm) - **10,5**
Lenght (mm) - **135,2** Thread - **M6 110mm**



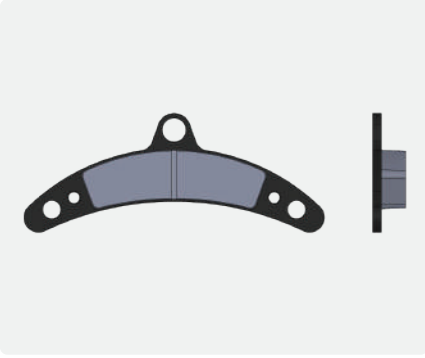
528-3

Height (mm) - **53,2** Thickness (mm) - **15,0**
Lenght (mm) - **135,2** Thread - **M6 90mm**



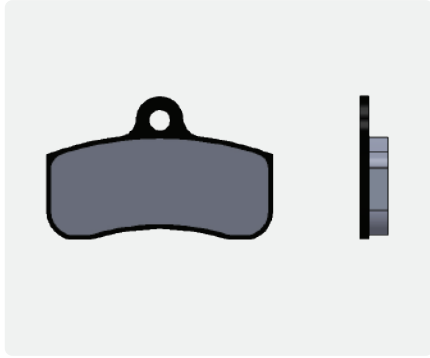
528-4

Height (mm) - **53,2** Thickness (mm) - **15,0**
Lenght (mm) - **135,2** Thread - **M6 90mm**



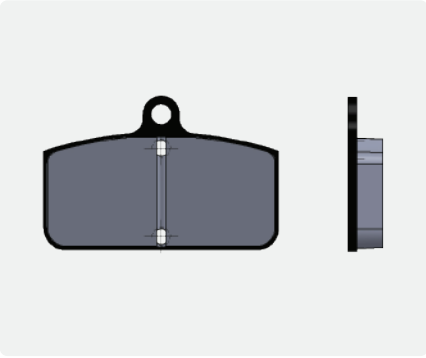
542-0

Height (mm) - **30,3** Thickness (mm) - **6,0**
Lenght (mm) - **47,9** Thread - /



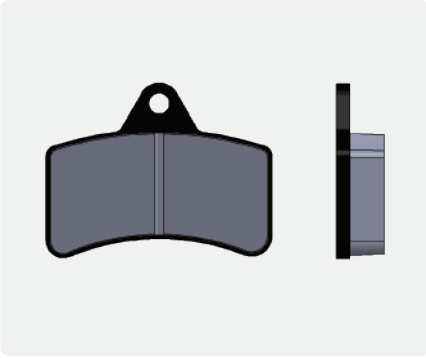
543-0

Height (mm) - **41,9** Thickness (mm) - **9,5**
Lenght (mm) - **63,9** Thread - **M5 24mm**



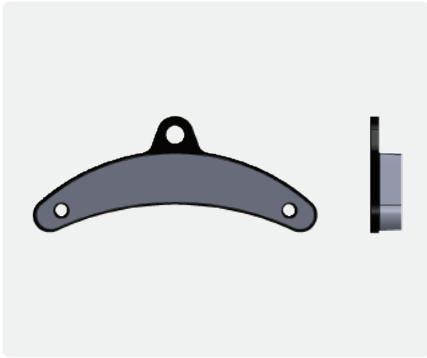
546-0

Height (mm) - **51,9** Thickness (mm) - **14,0**
Lenght (mm) - **70,0** Thread - /



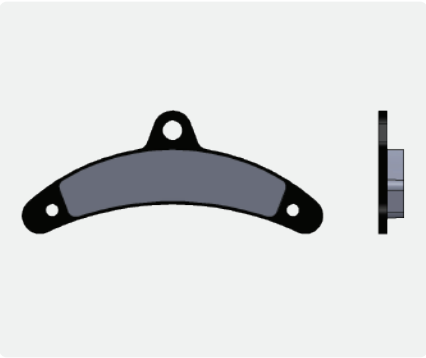
529-1

Height (mm) - **40,7** Thickness (mm) - **11,0**
Lenght (mm) - **100,0** Thread - **M5 80mm**



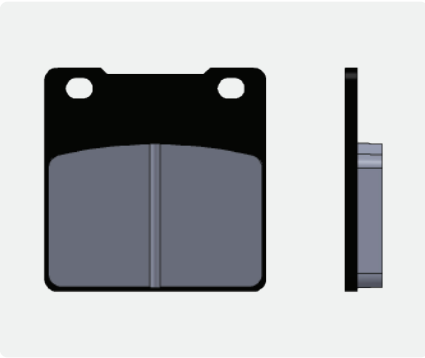
529-2

Height (mm) - **40,7** Thickness (mm) - **8,5**
Lenght (mm) - **100,0** Thread - **M5 80mm**



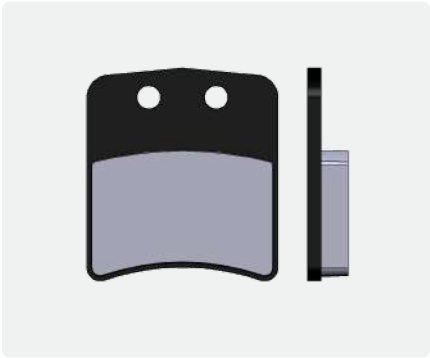
533-0

Height (mm) - **52,8** Thickness (mm) - **9,0**
Lenght (mm) - **52,5** Thread - /



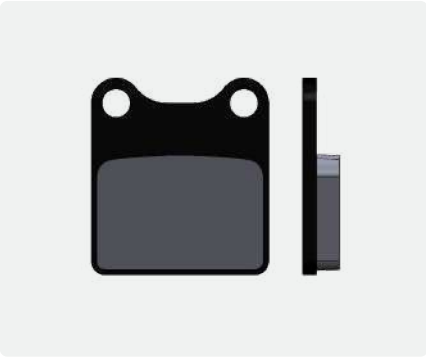
547-0

Height (mm) - **47,2** Thickness (mm) - **9**
Lenght (mm) - **42,5** Thread - /



548-0

Height (mm) - **42** Thickness (mm) - **8**
Lenght (mm) - **38,9** Thread - /

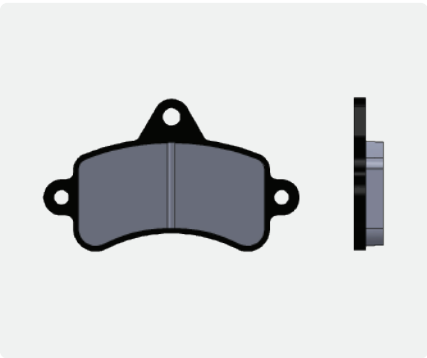
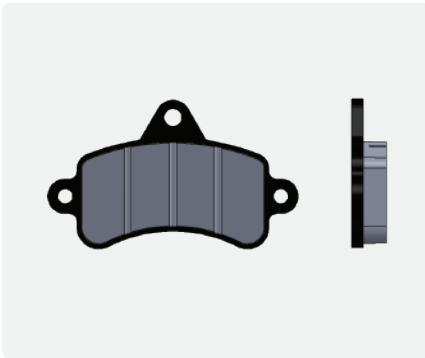
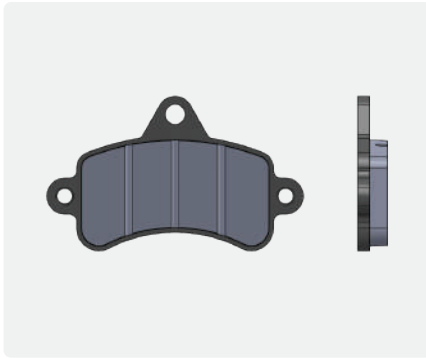
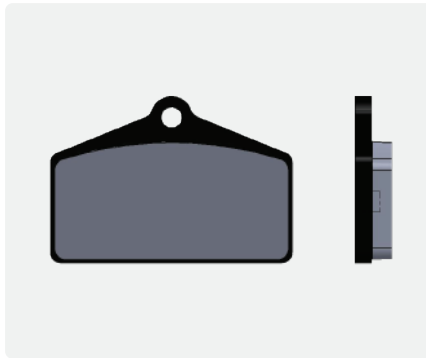
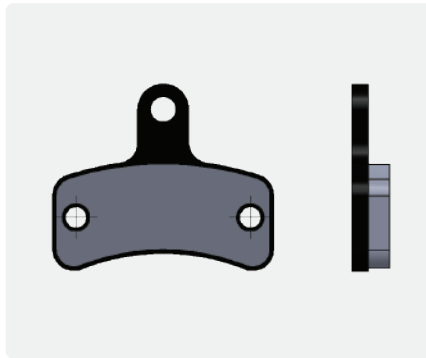
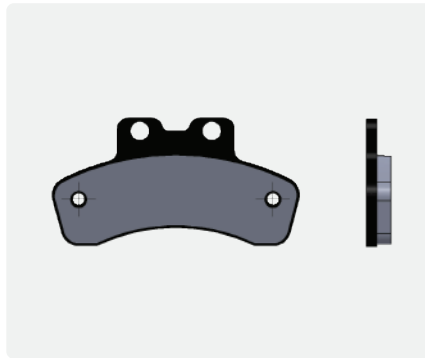
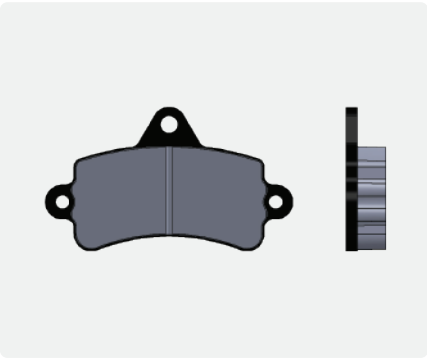
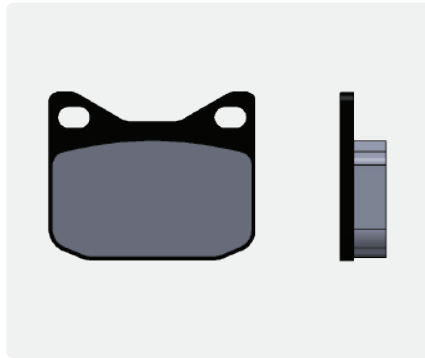
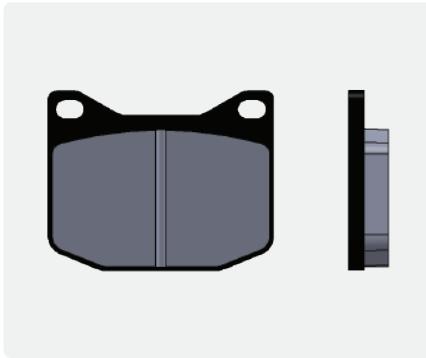
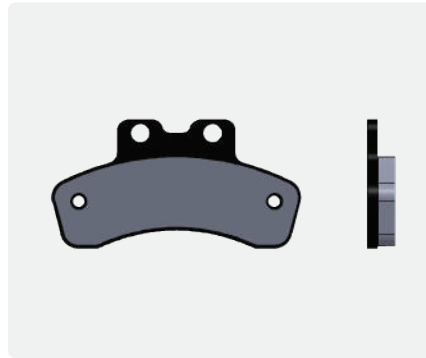
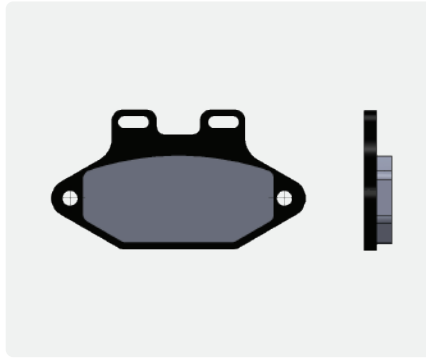
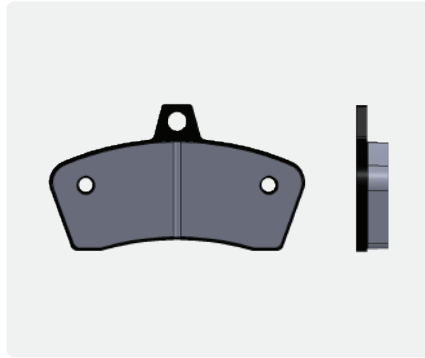
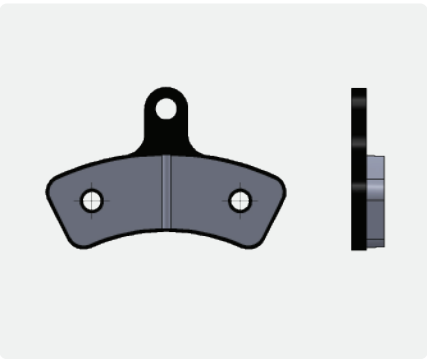
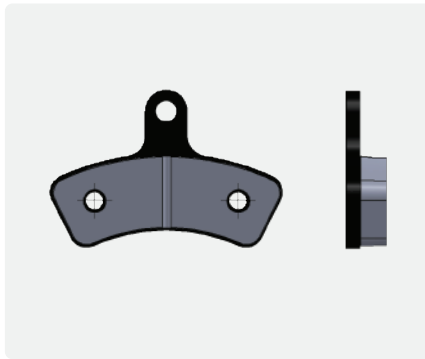
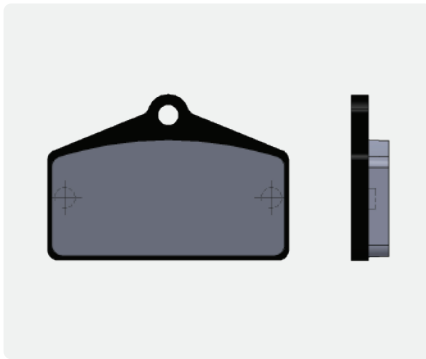
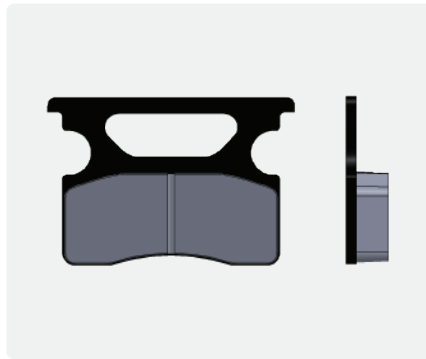
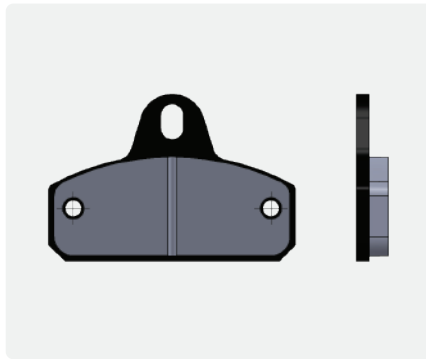
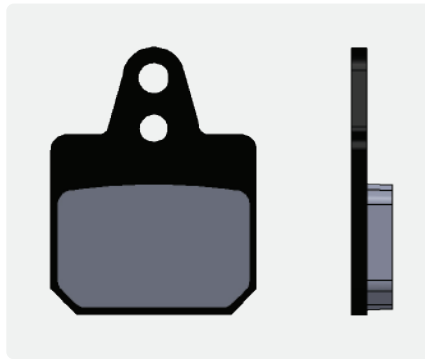


549-0

Height (mm) - **48,5** Thickness (mm) - **8**
Lenght (mm) - **49,9** Thread - /



BRAKE PADS

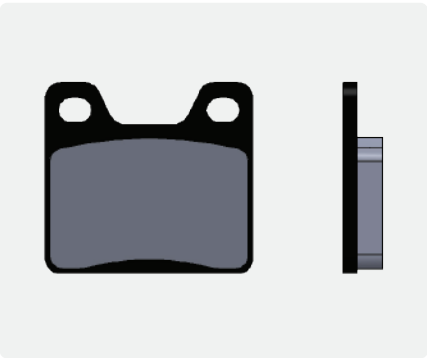
551-0 Height (mm) - 51,1 Lenght (mm) - 86,0 Thickness (mm) - 10,0 Thread - M6 74mm 	551-1 Height (mm) - 51,1 Lenght (mm) - 86,0 Thickness (mm) - 12,0 Thread - M6 74mm 	551-2 Height (mm) - 51,1 Lenght (mm) - 86,0 Thickness (mm) - 10,0 Thread - M6 74mm 	559-1 Height (mm) - 48,0 Lenght (mm) - 70,0 Thickness (mm) - 10,8 Thread - M6 60mm 	561-0 Height (mm) - 44,0 Lenght (mm) - 52,0 Thickness (mm) - 9,0 Thread - M6 41mm 	562-0 Height (mm) - 35,5 Lenght (mm) - 68,8 Thickness (mm) - 6,9 Thread - M4 54mm 
552-0 Height (mm) - 50,1 Lenght (mm) - 86,0 Thickness (mm) - 14,0 Thread - M6 74mm 	556-0 Height (mm) - 36,5 Lenght (mm) - 44,8 Thickness (mm) - 9,0 Thread - / 	557-0 Height (mm) - 44,5 Lenght (mm) - 55,8 Thickness (mm) - 10,0 Thread - / 	562-1 Height (mm) - 35,5 Lenght (mm) - 68,8 Thickness (mm) - 7,9 Thread - M4 54mm 	563-0 Height (mm) - 45,0 Lenght (mm) - 82,0 Thickness (mm) - 9,0 Thread - M6 70mm 	564-0 Height (mm) - 52,0 Lenght (mm) - 91,0 Thickness (mm) - 11,5 Thread - M6 65mm 
558-0 Height (mm) - 44,9 Lenght (mm) - 66,5 Thickness (mm) - 9,0 Thread - M6 41mm 	558-1 Height (mm) - 44,9 Lenght (mm) - 66,5 Thickness (mm) - 11,5 Thread - M6 41mm 	559-0 Height (mm) - 48,0 Lenght (mm) - 70,0 Thickness (mm) - 11,0 Thread - M6 60mm 	565-0 Height (mm) - 62,5 Lenght (mm) - 81,0 Thickness (mm) - 16,0 Thread - / 	567-0 Height (mm) - 50,5 Lenght (mm) - 44,8 Thickness (mm) - 9,0 Thread - / 	572-0 Height (mm) - 52,0 Lenght (mm) - 40,0 Thickness (mm) - 8,0 Thread - / 

CLUTCHES

CLUTCH FOR EVERY STANDARD

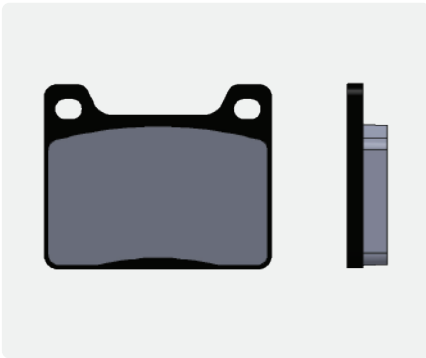
573-0

Height (mm) - **38,5** Thickness (mm) - **8,0**
Lenght (mm) - **42,0** Thread - /



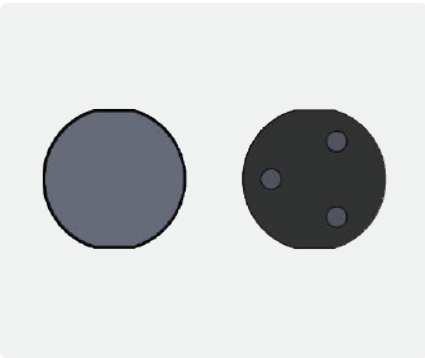
574-0

Height (mm) - **45,5** Thickness (mm) - **10,0**
Lenght (mm) - **56,0** Thread - /



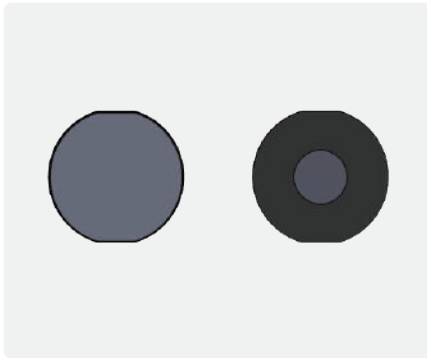
576-0

Height (mm) - **28,0** Thickness (mm) - **6,3**
Lenght (mm) - **26,9** Thread - /



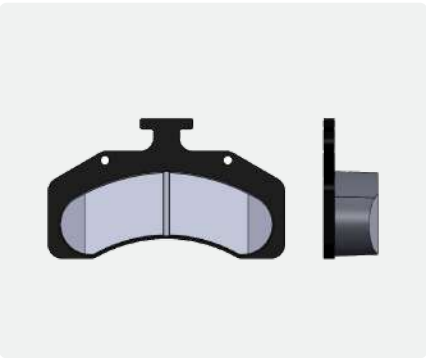
577-0

Height (mm) - **28,0** Thickness (mm) - **6,3**
Lenght (mm) - **26,9** Thread - /



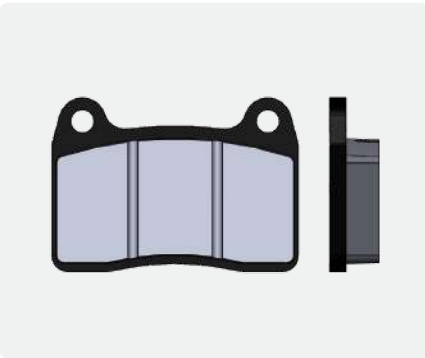
579-0

Height (mm) - **63,5** Thickness (mm) - **24,8**
Lenght (mm) - **97,6** Thread - /



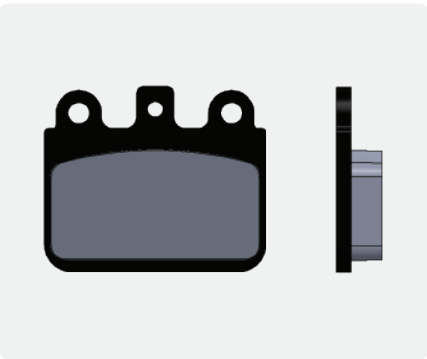
589-0

Height (mm) - **42,3** Thickness (mm) - **12**
Lenght (mm) - **58** Thread - /



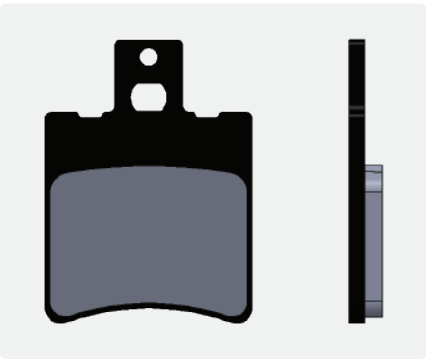
593-0

Height (mm) - **48,5** Thickness (mm) - **12,0**
Lenght (mm) - **58,0** Thread - /



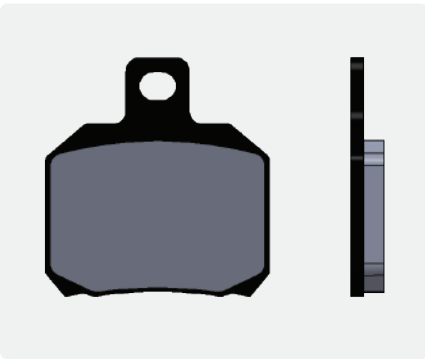
606-1

Height (mm) - **54,0** Thickness (mm) - **6,4**
Lenght (mm) - **39,8** Thread - /



630-0

Height (mm) - **54,0** Thickness (mm) - **7,6**
Lenght (mm) - **50,9** Thread - /



Sinter produces both centrifugal and lamellar clutches, available as replacement parts or as performance-upgrade units for your go-kart. Our continuous development of advanced friction materials ensures that our clutch range meets the needs of even the most demanding racers.

LAMELLAR ARAMID COMPOSITE + MMC CLUTCHES

By combining our advanced friction material with lightweight MMC middle plates reinforced with aramid fibers, we significantly reduced clutch weight, achieving up to **60% weight reduction** compared to a standard steel middle plate.

WEIGHT OPTIMIZATION

We are committed to reducing clutch plate weight as much as possible. We achieve this through:

- lightweight alloys and composite base plates
- friction materials with no metallic components
- advanced **aramid + MMC** combinations for extremely lightweight clutch assemblies

/ DYNAMIC CHARACTERISTICS
/ EXCELLENT TEMPERATURE RESISTANCE
/ LONG LIFE



CENTRIFUGAL CLUTCHES

We offer centrifugal clutches compatible with all major engine types —**IAME, TM, Rotax, and others.**

Two material options are available:

1 Organic Material

Designed for non-slipping clutch applications featuring consistent performance, strong temperature resistance and long service life.



2 High-Temperature Racing Material

A special formulation for extreme racing conditions, ideal for aggressive race starts, high thermal loads and maximum durability in all conditions.



CUSTOM SOLUTIONS

Sinter's in-house R&D and production team can develop fully custom clutch components upon request. With our extensive expertise, we support customers in testing, prototyping, and selecting the optimal clutch geometry and material composition.

LAMELLAR CLUTCHES

121-013-003

IAME (KZ)

N° friction plates (aramid) - 6

KIT 1

N° drive plates (MMC) - 0

121-013-004

IAME (KZ)

N° friction plates (aramid) - 6

KIT 2

N° drive plates (MMC) - 6

ASSEMBLY

Lamellar Clutch
IAME KZ

A -Aramid Friction Plates - 3 mm thickness
B - MMC Drive Plates - 1,5 mm thickness

121-013-005

TM (KZ 10)

N° friction plates (aramid) - 5

KIT 1

N° drive plates (MMC) - 0

121-013-006

TM (KZ 10)

N° friction plates (aramid) - 5

KIT 2

N° drive plates (MMC) - 4

ASSEMBLY

Lamellar Clutch
TM (KZ10)

A - Aramid Friction Plates - 3 mm thickness
B - MMC Drive Plates - 1,5 mm thickness
C - Aramid Friction Plates - 2,5 mm thickness

121-013-005

TM (KZ 10)

N° friction plates (aramid) - 5

KIT 1

N° drive plates (MMC) - 0

121-013-007

TM (KZ 10C)

N° friction plates (aramid) - 5

KIT 2

N° drive plates (MMC) - 5

ASSEMBLY

Lamellar Clutch
TM (KZ10 C)

A - Aramid Friction Plates - 3 mm thickness
B - MMC Drive Plates - 1,5 mm thickness
C - Aramid Friction Plates - 2,5 mm thickness

LAMELLAR CLUTCHES

121-013-008

TM (R1)

N° friction plates (aramid) - 5

KIT 1

N° drive plates (MMC) - 0

121-013-009

TM (R1)

N° friction plates (aramid) - 5

KIT 2

N° drive plates (MMC) - 5

ASSEMBLY

Lamellar Clutch
TM (R1)

A - Aramid Friction Plates - 3 mm thickness
B - MMC Drive Plates - 1,5 mm thickness

* MMC drive plates are not included in KIT 1.

CUSTOM MADE COMBINATION – Single Piece

151-013-005

TM (KZ10/R1)

Overall thickness (mm) - 3

Material - Aramid

Inner Diameter (mm) - 100,3

151-013-025

TM (KZ10)

Overall thickness (mm) - 2,5

Material - Aramid

Inner Diameter (mm) - 100,3

151-012-006

TM (KZ10/R1)

Overall thickness (mm) - 1,5

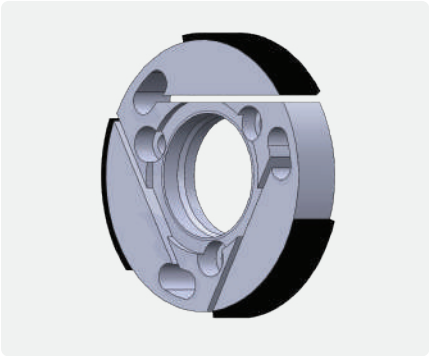
Material - MMC

Inner Diameter (mm) - 89,5

CENTRIFUGAL CLUTCHES

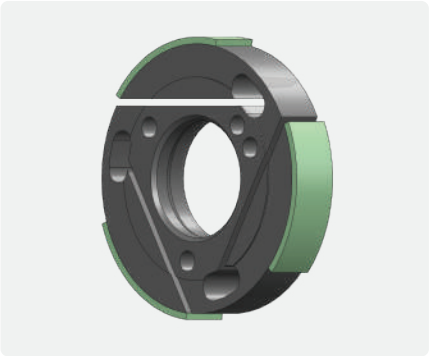
12C-084-15-23

KF Inner Diameter (mm) - **83,5**
Material - **Organic** Overall Thickness (mm) - **15**



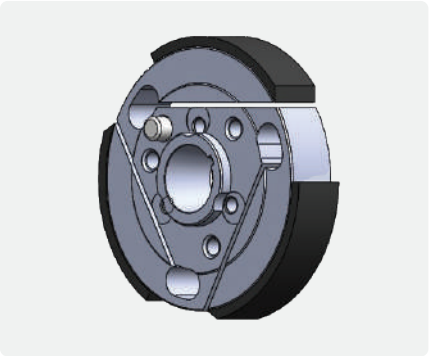
12C-084-15-24

KF Inner Diameter (mm) - **83,5**
Material - **Carbon** Overall Thickness (mm) - **15**



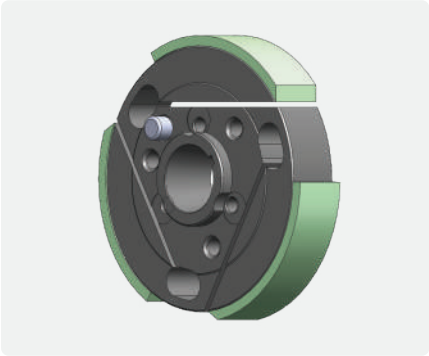
12C-084-17-11

IAME LEOPARD Inner Diameter (mm) - **84,0**
Material - **Organic** Overall Thickness (mm) - **17**



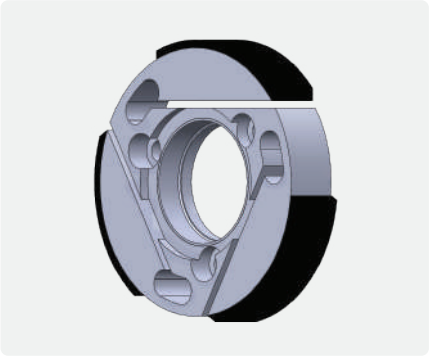
12C-084-17-12

IAME LEOPARD Inner Diameter (mm) - **84,0**
Material - **Carbon** Overall Thickness (mm) - **17**



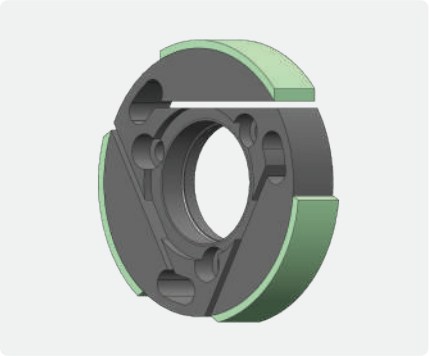
12C-084-17-01

IAME X30 (After 2013) Inner Diameter (mm) - **84,3**
Material - **Organic** Overall Thickness (mm) - **17**



12C-084-17-02

IAME X30 (After 2013) Inner Diameter (mm) - **84,3**
Material - **Carbon** Overall Thickness (mm) - **17**



12C-084-17-21

IAME X30 (Before 2013) Inner Diameter (mm) - **84,0**
Material - **Organic** Overall Thickness (mm) - **17**



12C-084-17-22

IAME X30 (Before 2013) Inner Diameter (mm) - **84,3**
Material - **Carbon** Overall Thickness (mm) - **17**

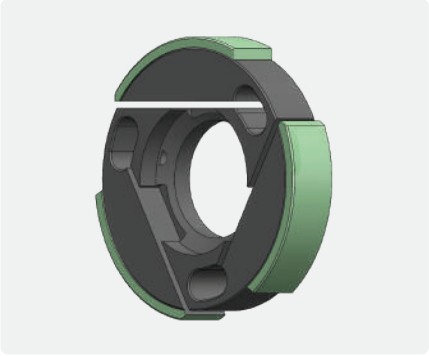


TABLE BY MANUFACTURERS

AMV	406-2	552-0	405-2	452-0
	406-4	576-0	405-3	454-0
519-0	410-0	COMEX	405-4	456-0
522-0	424-0		406-0	492-0
593-0	492-0		406-2	516-0
ARROW KART	528-0	494-0	406-4	562-0
	528-1	CRG	FA	562-1
515-0	528-2			INTREPID
515-2	529-1			
ATE	529-2	450-0	490-0	409-0
	572-0	519-0	FIRST	423-0
027-0	BREMBO	526-0		476-0
027-2		593-0		401-2
414-0	506-0	EKS	401-3	476-1
479-0	509-0		405-0	405-2
479-1	630-0	405-1	405-3	502-0
479-2	BRM	405-2	405-4	IPK
479-3		405-3	406-0	
505-0	454-0	405-4	406-2	429-0
506-0	456-0	406-0	406-3	476-0
BABY KART	459-0	406-2	406-4	476-1
	523-0	406-4	410-0	491-0
576-0	536-0	410-0	490-0	497-0
577-0	CHAROLETTE	516-0	GILLARD	503-0
BIREL		563-0		562-0
	098-0	CMP	402-0	563-0
401-2	573-0		564-0	092-5
401-3	491-0	574-0	GRIMECA	448-1
405-0	COMER-TOPKART	ENERGY CORSE		448-2
405-2			576-0	525-0
405-3			441-2	577-0
405-4	546-0	401-3		
406-0	551-1	405-0	HAASE	027-0

027-1	MAGURA	OTL	RIGHETTI RIDOLFI	SODI KART
027-2				
296-5	562-0	490-0	401-2	296-5
414-0	MARANELLO	494-0	401-3	407-0
479-0		494-1	403-0	512-0
479-1	475-0	PAROLIN	405-0	524-1
479-2	519-0		405-2	542-0
479-3	593-0	340-0	405-3	543-0
505-0	MBA	359-0	405-4	565-0
506-0		434-0	410-0	SWISS HUTLESS
K-KART	433-0	434-1	417-0	
	434-0	490-0	417-1	435-0
504-0	450-1	491-0	419-0	489-0
507-0	510-0	492-0	483-0	558-0
556-0	MS KART	510-0	593-0	558-1
557-0		524-1	RIMO	559-0
LENZO KART	433-0	533-0		559-1
	434-0	PCR	451-0	561-0
436-0	448-0		525-0	558-0
442-0	448-4	438-1	ROSSO CORSA	559-0
482-0	449-0	446-0		T-REX
567-0	450-1	540-0	433-0	
570-0	467-0	R3 RACING	434-0	564-0
MACH1	467-1		450-1	WILDKART
	510-0	502-0		
431-0	556-0	027-2	510-0	405-0
439-0	557-0	414-0	RUBIX	413-0
466-0	ORANGE	479-0		414-0
MADDOX		479-1	490-0	490-0
	476-0	479-2	GOLDSPEED	533-0
562-0	476-1	479-3		ZANARDI
563-0	502-0	505-0	478-0	
		506-0		537-0

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