

# COLOMBO & BARIANI - SPECIAL CAMSHAFTS

April 2025

Part No.	Camshaft codes	Application	Cam Lift IN	Cam Lift EX	Duration	Lobe Center Angles	Valve Timing	Valve lift TDC	Clearance	Notes	Price
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## ALFA ROMEO

### Giulia engines and similar 1300-1600-1800-2000 OLD MODELS

AR.SM1	AR.105.280S (2)	Road medium	10.5	10.5	280°/280°	110°/110°	30°/70°-70°/30°	2.3/2.0	0.50/0.55	1-30	€ 505.00
AR.SM2	AR.109.280S (2)	Road medium	10.9	10.9	280°/280°	110°/110°	30°/70°-70°/30°	2.0/1.8	0.50/0.55	30	€ 505.00
AR.ST2	AR.115.284S (2)	Road max	11.5	11.5	284°/284°	110°/110°	32°/72°-69°/29°	3.0/3.0	0.40/0.50		€ 505.00
AR.ST1	AR.120.292S (2)	Road max	12.0	12.0	292°/292°	110°/110°	36°/76°-76°/36°	2.3/2.0	0.50/0.55	2-3-30	€ 505.00
AR.CM1	AR.106.298C (2)	Race medium	10.6	10.6	298°/292°	105°/105°	44°/74°-71°/41°	3.7/3.3	0.40/0.50	2-30	€ 505.00
AR.CT2	AR.109.296C (2)	Race max	10.9	10.9	296°/292°	105°/105°	43°/73°-71°/41°	4.2/3.6	0.40/0.50	2-30	€ 505.00
AR.CT1	AR.114.300C (2)	Race max	11.4	11.4	300°/294°	105°/105°	45°/75°-72°/42°	4.0/3.8	0.40/0.50	2-30	€ 505.00

### 145/146 1300-1600 8v

### 145/146 8v 1700 P.I.

AS2.ST1	AS2.107.278S (2)	Road max	10.7	10.2	278°/258°	112°/112°	27°/71°-61°/17°	1.6/1.2			€ 660.00
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### 33 8v 1500-1700 Mech. tappets

ASS.ST1	ASS.112.280S (2)	Road max	11.2	10.3	280°/280°	112°/112°	28°/72°-72°/28°	2.7/1.9	0.40/0.50		€ 660.00
ASS.CM1	ASS.114.300C (2)	Race medium	11.4	11.4	300°/294°	105°/105°	45°/75°-72°/42°	4.0/3.9	0.40/0.50	6	€ 660.00
ASS.CT1	ASS.120.320C (2)	Race max	12.0	12.0	320°/312°	102°/102°	58°/82°-78°/54°	5.4/5.3	0.40/0.50	7	€ 660.00

### 33/145/146 1700 16v

AS16.SM1	AS16.103.280S (2) AS16.097.268S (2)	Road medium	10.3	9.7	280°/268°	112°/112°	32°/68°-66°/22°	1.9/0.9			€ 1,200.00
AS16.CM1	AS16.116.300C.A (2) AS16.116.300C.S (2)	Race medium	11.6	11.6	300°/300°	105°/105°	45°/75°-72°/42°	4.4/4.0	0.40/0.50		€ 1,200.00
AS16.CT1	AS16.120.320C.A (2) AS16.120.320C.S (2)	Race max	12.0	12.0	320°/320°	102°/102°	58°/82°-78°/54°	5.4/5.2	0.40/0.50		€ 1,200.00

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April 2025

Part No.	Camshaft codes	Application	Cam IN	Lift EX	Duration	Lobe Center Angles	Valve Timing	Valve lift TDC	Clearance	Notes	Price
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## 75 Turbo

ART.ST1	ART.107.290S (1) ART.101.262S (1)	Road max	10.7	10.1	290°/262°	114°/114°	31°/79°-61°/21°	1.6/0.9	0.45/0.50		€ 505.00
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## 75/155 Twin Spark 8v

ARTS.SM1	ARTS.120.292S (1) ARTS.103.280S (1)	Road medium	12.0	10.3	280°/280°	110°/110°	30°/70°-70°/30°	2.6/2.0	0.50/0.50	4-5	€ 766.00
ARTS.CM1	ARTS.114.300C.A (1) ARTS.114.294C (1)	Race medium	11.4	11.4	300°/294°	105°/105°	45°/75°-72°/42°	4.0/3.8	0.40/0.50	4-5	€ 766.00

## 1600 16v Twin Spark 88Kw (120hp)

FAR.SM3	FAR.102.258S.A (1) FAR.096.258S.S (1)	Road medium	10.2	9.6	258°/258°	122°/101° 97°/101°	7°/71°-50°/28° 32°/46°-50°/28°	0.3/1.2 3.4/1.2		9-10	€ 830.00
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## 1800-2000 16v Twin Spark

FAR.SM1	FAR.105.272S.A (1) FAR.096.258S.S (1)	Road medium	10.5	9.6	272°/258°	128°/100° 103°/100°	8°/84°-50°/29° 33°/59°-50°/29°	0.3/1.2 3.4/1.2		9-10	€ 830.00
FAR.ST1	FAR.104.260S.A (1) FAR.100.272S.S (1)	Road max	10.4	10.0	260°/272°	125°/104° 100°/104°	5°/75°-60°/32° 30°/50°-60°/32°	0.4/1.6 3.4/1.6		9-10	€ 830.00

## V6 2000 12v Turbo

AR6T.SM1	AR6T.088.282S.1 (1) AR6T.088.282S.2 (1)	Road medium	8.8	6.4	282°/254°	112°/112°	29°/73°-59°/15°	2.0/0.4	0.40/0.30	12	€ 830.00
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## V6 2500-3000 12V

AR6.SM1	AR6.104.294S.1 (1) AR6.104.294S.2 (1)	Road medium	10.4	6.4	294°/264°	114°/114°	33°/81°-66°/18°	0.9/1.0	0.50/0.30	12	€ 830.00
AR6.ST1	AR6.107.278S.1 (1) AR6.107.278S.2 (1)	Road max	10.7	6.5	290°/268°	112°/112°	33°/77°-66°/22°	1.7/1.5	0.45/0.30	12	€ 830.00
AR6.CM1	AR6.114.300C.1 (1) AR6.114.300C.2 (1)	Race medium	11.4	8.0	300°/304°	105°/105°	45°/75°-77°/47°	4.0/3.9	0.40/0.30	12	€ 830.00

# COLOMBO & BARIANI - SPECIAL CAMSHAFTS

April 2025

Part No.	Camshaft codes	Application	Cam Lift IN	Cam Lift EX	Duration	Lobe Center Angles	Valve Timing	Valve lift TDC	Clearance	Notes	Price
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## V6 2500-3000-3200 24v

AR24.SM1	AR24.092.274S.A1 (1)	Road medium	9.2	9.4	274°/272°	112°/110°	25°/69°-59°/19°	1.3/0.7			€ 1,980.00
	AR24.092.274S.A2 (1)										
	AR24.094.272S.S1 (1)										
	AR24.094.272S.S2 (1)										
AR24.SM2	AR24.099.268S.A1 (1)	Road medium	9.9	9.4	268°/272°	112°/110°	22°/66°-59°/19°	1.4/0.7			€ 1,980.00
	AR24.099.268S.A2 (1)										
	AR24.094.272S.S1 (1)										
	AR24.094.272S.S2 (1)										
AR24.ST1	AR24.104.260S.A1 (1)	Road max	10.4	9.2	260°/274°	110°/110°	20°/60°-67°/27°	1.2/1.7		22	€ 1,980.00
	AR24.104.260S.A2 (1)										
	AR24.092.274S.S1 (1)										
	AR24.092.274S.S2 (1)										
AR24.CM1	AR24.114.300C.A1 (1)	Race medium	11.4	11.2	300°/280°	105°/110°	45°/75°-70°/30°	4.0/2.8	0.40/0.30		€ 1,980.00
	AR24.114.300C.A2 (1)										
	AR24.112.280C.S1 (1)										
	AR24.112.280C.S2 (1)										

## 1900 8v JTD

MJTD.SM1	MJTD.089.272S (1)	Road medium	8.9	8.9	272°/258°	108°/108°	28°/64°-57°/21°	0.7/0.6	0.30/0.35		€ 495.00
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## 1600 16v Twin Spark 77Kw (105hp)

## 2000 16v JTS

ARJTS.SM1	ARJTS.112.270S.A (1)	Road medium	11.2	10.4	270°/260°	115°/100°	20°/70°-50°/30°	0.5/1.3			€ 830.00
	ARJTS.104.260S.S (1)										

## 4C - Giulietta - 159 - Brera - Spider 1750 TBi

ARTBI.SM1	ARTBI.070.284S (1)	Road medium	7.0	6.5	284°/256°	°/°	°/°-°/°	/		29	€ 980.00
	ARTBI.065.256S (1)										
ARTBI.ST1	ARTBI.070.292S (1)	Road max	7.0	6.5	292°/262°	°/°	°/°-°/°	/			€ 980.00
	ARTBI.065.262S (1)										

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## MiTo 1300 16v JTDm

## MiTo 1400 Turbo 16V T-Jet

FF16T.SM1	FF16.080.248S.A (1) FF16.074.244S (1)	Road medium	8.0	7.4	248°/244°	110°/110°	14°/54°-52°/12°	0.4/0.2			€ 766.00
FF16T.ST1	FF16.087.274S.A (1) FF16.074.244S (1)	Road max	8.7	7.4	274°/244°	110°/110°	27°/67°-52°/12°	0.6/0.2			€ 766.00

## 159 - Brera - Spider 3200 24v JTS

AR24H.SM1	AR24H.075.278.A1 (1)	Road medium	7.5	7.0	278°/278°	°/°	°/°-°/°	/	29	€ 2,290.00
	AR24H.075.278.A2 (1)					°/°	°/°-°/°	/		
	AR24H.070.278.S1 (1)					°/°	°/°-°/°	/		
	AR24H.070.278.S2 (1)					°/°	°/°-°/°	/		

## 159 - Brera - Spider 1900-2200 16v JTS

AR22H.SM1	AR22H.071.288S.A (1)	Road medium	7.1	6.6	288°/288°	°/°	°/°-°/°	/	29	€ 990.00
	AR22H.066.288S.S (1)					°/°	°/°-°/°	/		

## 1400 16v MultiAir Turbo

## 1900-2000 16v JTD

JTD16.SM1	JTD16.050.260S.A (1) JTD16.050.260S.S (1)	Road medium	5.0	5.0	260°/260°	°/°	°/°-°/°	/			€ 830.00
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## AUTOBIANCHI

### A112 - 70cv

A.SN1	A.065.282S (1)	Road min	6.5	6.5	282°/268°	110°/110°	31°/71°-64°/24°	1.8/1.5	0.20/0.30	28	€ 383.00
A.SM1	A.070.280S (1)	Road medium	7.0	7.0	280°/272°	110°/110°	30°/70°-66°/26°	2.8/2.2	0.20/0.30		€ 383.00
A.ST1	A.072.296S (1)	Road max	7.2	7.2	296°/284°	112°/112°	36°/80°-74°/30°	1.8/1.5	0.20/0.30		€ 383.00
A.RM1	A.072.296C (1)	Race medium	7.2	7.2	296°/284°	105°/105°	43°/73°-67°/37°	3.0/2.8	0.20/0.30		€ 383.00

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A.RT1	A.071.316C (1)	Race max	7.1	7.1	316°/304°	110°/110°	48°/88°-82°/42°	3.2/2.9	0.20/0.30		€ 383.00
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## BMW

### 318 i.s. 4 cyl. 16v (M42)

### 320 i.s. / M3 2300-2500 (E30)

B16.SM1	B16.108.288S.A (1) B16.108.276S.S (1)	Road medium	10.8	10.8	288°/276°	110°/110°	34°/74°-68°/28°	2.1/1.9	0.30/0.40		€ 919.00
B16.ST1	B16.109.294S.A (1) B16.108.276S.S (1)	Road max	10.9	10.8	294°/276°	110°/110°	47°/77°-68°/28°	3.9/1.9	0.30/0.40		€ 919.00

## FIAT

### 500 - 595 - 695 - Two Cylinders

F1.SM1	F1.072.296S (1)	Road medium	7.2	7.2	296°/284°	110°/110°	38°/78°-72°/32°	2.5/2.2	0.20/0.30		€ 250.00
F1.ST1	F1.076.300S (1)	Road max	7.6	7.6	300°/296°	110°/110°	40°/80°-78°/38°	2.7/2.0	0.15/0.20		€ 250.00
F1.RM1	F1.071.316C (1)	Race medium	7.1	7.1	316°/310°	110°/110°	48°/88°-85°/45°	3.0/2.8	0.20/0.25		€ 250.00
F1.RT1	F1.071.330C (1)	Race max	7.1	7.1	330°/316°	104°/104°	67°/83°-77°/59°	3.9/3.5	0.20/0.30		€ 250.00

### MONOALBERO Carburettors - e.i.

FT.SM1	FT.103.280S (1)	Road medium	10.3	10.3	280°/268°	112°/112°	28°/72°-66°/22°	1.9/1.4	0.40/0.50		€ 450.00
FT.RM1	FT.114.300C (1)	Race medium	11.4	11.4	300°/294°	105°/105°	45°/75°-72°/42°	4.0/3.9	0.40/0.50	23	€ 450.00
FT.RT1	FT.120.314C (1)	Race max	12.0	12.0	314°/306°	102°/102°	55°/79°-75°/51°	5.2/5.0	0.40/0.50	25	€ 450.00

### UNO / PUNTO GT TURBO

FUT.SM1	FUT.103.272S (1)	Road medium	10.3	8.9	272°/260°	112°/112°	24°/68°-62°/18°	1.8/0.8	0.45/0.50		€ 450.00
FUT.CS1	FUT.103.294C (1)	Race min	10.3	8.8	294°/242°	108°/108°	39°/75°-49°/13°	2.6/0.9	0.40/0.50		€ 450.00
FUT.RM1	FUT.1110.276C (1)	Race medium	11.1	8.5	276°/240°	105°/105°	33°/63°-45°/15°	3.6/1.1	0.30/0.40	14	€ 450.00

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## TWIN CAM 8v 1600-1800-2000

FB.SM1	FB.103.280S.A (1) FB.103.272S.S (1)	Road medium	10.3	10.3	280°/272°	112°/110°	28°/72°-66°/26°	1.9/1.8	0.40/0.45		€ 600.00
FB.RM1	FB.114.300C.A (1) FB.114.294C.S (1)	Race medium	11.4	11.4	300°/294°	105°/105°	45°/75°-72°/42°	4.0/3.9	0.40/0.50		€ 600.00

## TIPO / COUPE` 2000 16v

FT16.SM1	FT16.103.250S.A (1) FT16.103.242S.S (1)	Road medium	10.3	10.3	250°/242°	110°/110°	15°/55°-51°/11°	0.9/0.7	0.40/0.50		€ 829.00
FT16.RM1	FT16.113.280C.A (1) FT16.113.280C.S (1)	Race medium	11.3	11.3	280°/274°	108°/110°	32°/68°-67°/27°	2.9/2.7	0.30/0.40		€ 829.00

## 1108/1242 Fire 8v - Euro 0,1,2,3,4

FF.SM1	FF.103.268S (1)	Road medium	10.3	10.3	268°/250°	110°/110°	24°/64°-55°/15°	1.0/0.9	0.30/0.40	27	€ 392.00
FF.ST1	FF.103.280S (1)	Road max	10.3	10.3	280°/268°	112°/112°	28°/72°-66°/22°	1.9/1.8	0.40/0.50	27	€ 392.00
FF.RM1	FF.106.298C (1)	Race medium	10.6	10.6	298°/292°	108°/108°	41°/77°-74°/38°	3.6/3.4	0.40/0.50	27	€ 392.00
FF.RT1	FF.114.300C (1)	Race max	11.4	11.4	300°/294°	105°/105°	45°/75°-72°/42°	4.0/3.8	0.40/0.50	27	€ 392.00

## 1200 - 1400 Fire 16v

FF16.SM1	FF16.087.274S.A (1) FF16.080.248S.S (1)	Road medium	8.7	8.0	274°/248°	110°/110°	27°/67°-54°/14°	0.6/0.4			€ 766.00
FF16.ST1	FF16.090.266S.A (1) FF16.080.248S.S (1)	Road max	9.0	8.0	266°/248°	110°/110°	23°/63°-54°/14°	1.1/0.4		26	€ 766.00

## 1400 12v

## 1600 16V

F6.SM1	F6.094.260S.A (1) F6.094.260S.S (1)	Road medium	9.4	9.4	260°/260°	110°/110°	20°/60°-60°/20°	0.6/0.6		15	€ 780.00
F6.ST1	F6.100.272S.A (1) F6.094.260S.S (1)	Road max	10.0	9.4	272°/260°	112°/110°	24°/68°-60°/20°	1.2/0.6		15	€ 780.00

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## 1800 16v without phase variator

FB8.SM1	FB8.096.258S.A (1) FB8.096.258S.S (1)	Road medium	9.6	9.6	258°/258°	110°/110°	19°/59°-59°/19°	0.9/0.9			€ 780.00
FB8.ST1	FB8.100.272S.A (1) FB8.096.258S.S (1)	Road max	10.0	9.6	272°/258°	112°/110°	24°/68°-59°/19°	1.1/0.9			€ 780.00

## 1800 16v with phase variator

FAR2.SM1	FAR2.096.258S.A (1) FAR.092.258S.S (1)	Road medium	9.6	9.2	258°/258°	113°/96° 96°/96°	16°/62°-45°/33° 41°/37°-45°/33°	0.3/1.3 2.6/1.3		9-10	€ 830.00
FAR2.ST1	FAR.104.260S.A (1) FAR2.096.258S.S (1)	Road max	10.4	9.6	260°/258°	120°/100° 95°/100°	10°/70°-49°/29° 35°/45°-49°/29°	0.4/1.4 3.3/1.4		9-10	€ 830.00

## 2000 5 Cylinder 20v Non-supercharged

### 2000 5 CYLINDER 20v Turbo

F5T.SM1	F5T.102.280S.A (1) F5T.094.260S.S (1)	Road medium	10.2	9.4	280°/260°	124°/110° 99°/110°	16°/84°-60°/20° 41°/44°-60°/20°	0.4/0.6 3.0/0.6		10	€ 990.00
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### STILO 2400 20v Abarth

F5.ST1	F5.104.260S.A (1) F5.102.258S.S (1)	Road max	10.4	10.2	260°/258°	125°/101° 100°/101°	5°/75°-50°/28° 30°/50°-50°/28°	0.4/1.5 3.4/1.5		10	€ 990.00
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## 1108 - 1242 Fire 8v Euro 3

### 1900 8v JTD

MJTD.SM1	MJTD.089.272S (1)	Road medium	8.9	8.9	272°/258°	108°/108°	28°/64°-57°/21°	0.7/0.6	0.30/0.35		€ 495.00
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## 1108 - 1242 Fire 8v Euro 4

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## 1400 16v Turbo T-Jet

FF16T.SM1	FF16.080.248S.A (1) FF16.074.244S (1)	Road medium	8.0	7.4	248°/244°	110°/110°	14°/54°-52°/12°	0.4/0.2			€ 766.00
FF16T.ST1	FF16.087.274S.A (1) FF16.074.244S (1)	Road max	8.7	7.4	274°/244°	110°/110°	27°/67°-52°/12°	0.6/0.2			€ 766.00

## 1200 - 1400 Fire 8v with Phase Variator - Euro 5,6

FF5.SM1	FF5.103.268S (1)	Road medium	10.3	10.3	268°/250°	110°/110° °/110°	24°/64°-55°/15° 24°/64°-55°/15°	1.0/0.9 1.0/0.9	0.30/0.40		€ 470.00
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## 1300 16v MJTD Multijet

## FORD

### ESCORT - FIESTA - FOCUS 1800 - 2000 16v Zetec

### SIERRA COSWORTH 4WD

### KUGA 1500 Ecoboost 120 cv - 2019

KG.SN1	KG.067.260S (1)	Road min	6.7	°°	°° °°	°°_°° °°_°°	/	/			€ 690.00
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## HONDA

### CBR600RR

HC6.RM1	HC6.085.320C (1) HC6.075.280C (1)	Race medium	8.5	7.5	320°/280°	105°/105°	55°/85°-35°/65°	/	0.20/0.30		€ 980.00
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## LANCIA

### DELTA Turbo 8v

LD8.SM1	(1) FB.103.280S.A (1) LD8.089.260S (1)	Road medium	10.3	8.9	280°/260°	112°/110°	28°/72°-60°/20°	1.9/0.9	0.40/0.50		€ 600.00
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# COLOMBO & BARIANI - SPECIAL CAMSHAFTS

April 2025

Part No.	Camshaft codes	Application	Cam Lift IN	Cam Lift EX	Duration	Lobe Center Angles	Valve Timing	Valve lift TDC	Clearance	Notes	Price
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## DELTA 2000 Turbo 16v

LD16.SM1	LD16.100.284S (1) LD16.084.238S (1)	Road medium	10.0	8.4	284°/238°	110°/110°	32°/72°-49°/9°	1.7/0.5	0.40/0.50		€ 890.00
LD16.ST2	LD16.104.260S (1) LD16.083.254S (1)	Road max	10.4	8.3	260°/244°	110°/110°	20°/60°-52°/12°	1.7/0.9	0.30/0.40		€ 890.00
LD16.ST3	LD16.112.260S (1) LD16.098.246S (1)	Road max	11.2	9.8	260°/246°	110°/110°	20°/60°-53°/13°	1.8/1.0	0.30/0.40		€ 890.00
LD16.RM1	LD16.1090.276C (1) LD16.088.250C (1)	Race min	10.9	8.8	276°/250°	108°/105°	30°/66°-50°/20°	2.1/1.5	0.35/0.40		€ 890.00

## FULVIA

LF.SM1	LF.064.284S.A (1) LF.064.284S.S (1)	Road medium	6.4	6.4	°/°	110°/110°	32°/72°-68°/28°	/	0.25/0.30		€ 866.00
LF.RM1	LF.069.302C.A (1) LF.069.302C.S (1)	Race medium	6.9	6.9	°/°	105°/105°	46°/76°-67°/37°	/	0.30/0.40		€ 866.00

## MINI

### ONE - COOPER - COOPER S (R50 R52 R53)

M.SM1	M.057.246S (1)	Road medium	5.7	5.5	246°/276°	112°/112°	11°/55°-70°/26°	0.6/0.4			€ 500.00
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## PEUGEOT

### 205 RALLYE 1360

P.SM1	P.075.280S (1)	Road medium	7.5	7.4	280°/278°	110°/110°	30°/70°-69°/29°	1.5/0.7	0.20/0.30		€ 430.00
P.RM1	P.075.304C (1)	Race medium	7.5	7.5	304°/288°	106°/106°	46°/78°-70°/38°	3.0/2.7	0.20/0.30		€ 430.00

### 106/206/306 1300-1400-1600 8v Shoulder tappet

P106.SM1	P106.075.280S (1)	Road medium	7.5	7.4	280°/278°	110°/110°	30°/70°-69°/29°	1.5/0.7	0.20/0.30	12-20	€ 430.00
P106.RM1	P106.075.304C (1)	Race medium	7.5	7.5	304°/288°	106°/106°	47°/77°-77°/43°	3.0/2.7	0.20/0.30	12-20	€ 430.00

# COLOMBO & BARIANI - SPECIAL CAMSHAFTS

April 2025

Part No.	Camshaft codes	Application	Cam Lift IN	Cam Lift EX	Duration	Lobe Center Angles	Valve Timing	Valve lift TDC	Clearance	Notes	Price
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## 106/206/306 - 1400 8v Roller tappet

PR.SM1	PR.060.284S (1)	Road medium	6.0	6.0	284°/278°	112°/112°	30°/74°-71°/27°	1.2/1.1	0.20/0.30		€ 397.00
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## 1600 - 16v

CS16.SS1	CS16.094.260S.A (1) CS16.094.260S.S (1)	Road min	9.4	9.4	260°/260°	110°/110°	20°/60°-60°/20°	0.6/0.6			€ 834.00
CS16.SM1	CS16.096.258S.A (1) CS16.094.260S.S (1)	Road medium	9.6	9.4	258°/260°	110°/110°	19°/59°-60°/20°	0.8/0.6			€ 834.00
CS16.ST1	CS16.102.280S.A (1) CS16.096.258S.S (1)	Road max	10.2	9.6	280°/258°	110°/110°	30°/70°-59°/19°	1.1/0.8			€ 834.00
CS16.RT1	CS16.124.298C.S (2)	Race max		12.4	°/288°	°/105°	°/-69°/39°	/3.7	/0.40	8-17	€ 834.00

## 206 / 307 2000 16v 100kw

P206.SM1	P206.096.258S (1) P206.094.260S (1)	Road medium	9.6	9.4	258°/260°	110°/110°	19°/59°-60°/20°	0.8/0.8			€ 790.00
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## 306 - 2000 16v RALLYE - GTI 130 Kw

P216.ST1	P216.1082.278S (1) P216.105.272S (1)	Road max	10.8	10.5	278°/272°	110°/110°	29°/69°-66°/26°	1.5/1.3			€ 840.00
P216.RM1	P216.125.282C.A (1) P216.121.294C.S (1)	Race medium	12.5	12.1	282°/294°	105°/105°	36°/66°-72°/42°	3.9/3.5	0.30/0.40	8	€ 840.00
P216.RT1	P216.119.296C.A (1) P216.119.296C.S (1)	Race max	11.9	11.9	296°/290°	105°/105°	43°/73°-70°/40°	4.1/3.5	0.30/0.35	8	€ 840.00

## GTI 1600/1900 8v

## RENAULT

### CLIO 1800-2000 16v

RC16.SM1	RC16.103.280S (1) RC16.097.268S (1)	Road medium	10.3	9.7	280°/268°	112°/112°	28°/72°-66°/22°	1.7/1.0			€ 840.00
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# COLOMBO & BARIANI - SPECIAL CAMSHAFTS

April 2025

Part No.	Camshaft codes	Application	Cam Lift IN	Cam Lift EX	Duration	Lobe Center Angles	Valve Timing	Valve lift TDC	Clearance	Notes	Price
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RC16.RM1	RC16.119.296C (1) RC16.114.288C (1)	Race medium	11.9	11.4	296°/288°	105°/105°	43°/73°-74°/34°	3.5/3.0	0.30/0.30	8	€ 840.00
RC16.RT1	RC16.125.282C (1) RC16.120.264C (1)	Race max	12.5	12.0	282°/264°	108°/108°	33°/69°-60°/24°	3.7/2.6	0.30/0.30	8	€ 840.00

## CLIO 2000 RS

### CLIO 1400-1600 16v Roller tappet

R1R.SM1	R1R.050.280S (1) R1R.046.252S (1)	Road medium	5.0	4.6	280°/252°	110°/110°	30°/70°-56°/16°	0.5/0.4			€ 670.00
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## SMART

### FOR TWO (until 2007)

S.SM1	S.044.220S (1)	Road medium	4.4	4.4	220°/220°	110°/110°	15°/35°-30°/10°	0.4/0.4			€ 500.00
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## VOLKSWAGEN - AUDI - SEAT - SKODA

### 1400-1600 8v

### 1600 8v 101hp

### 1400 16v Cam follower

### 1400 16v 75-101 hp Roller tappet

### 1800 Turbo 20v

VT.SM1	VT.084.262S (1)	Road medium	8.4		262°/°	110°/110°	21°/61°-°/°	0.7/		19	€ 500.00
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# COLOMBO & BARIANI - SPECIAL CAMSHAFTS

April 2025

Part No.	Camshaft codes	Application	Cam Lift IN	Cam Lift EX	Duration	Lobe Center Angles	Valve Timing	Valve lift TDC	Clearance	Notes	Price
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## GOLF GTI 1800-2000 8v

### GOLF GTI 1800 16v - 2nd series

V216.SM1	V216.114.278S.A (1) V216.114.278S.S (1)	Road medium	11.4	11.4	278°/278°	110°/110°	29°/69°-69°/29°	1.0/1.0			€ 900.00
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### 1900 TDI 90-101-105-110 hp

VTD.SM1	VTD.094.260S (1)	Road medium	9.4	8.6	260°/252°	110°/110°	20°/60°-56°/16°	0.6/0.4		18	€ 420.00
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## GOLF GTI 2000 16v - 3th series

# YAMAHA

### T-Max 500 (prior to 2012 models)

TMAX.SM1	TMAX.086.286S (1) TMAX.087.288S (1)	Road medium	8.6	8.7	294°/286°	110°/110°	37°/77°-73°/33°	2.3/1.9	0.15/0.20		€ 790.00
TMAX.ST1	TMAX.090.304S (1) TMAX.089.294S (1)	Road max	9.0	8.9	304°/294°	105°/110°	47°/77°-77°/37°	2.9/2.0	0.15/0.20		€ 790.00

## Majesty 400

### YZF-R1 16v 2007-2008

### YZF-R1 20v 2005-2006

### T-Max 530 (2012 models)

TMAX2.SM1	TMAX2.086.286S (1) TMAX2.087.288S (1)	Road medium	8.6	8.7	294°/286°	110°/110°	37°/77°-73°/33°	2.3/1.9	0.15/0.20		€ 790.00
TMAX2.ST1	TMAX2.090.304S (1) TMAX2.089.294S (1)	Road max	9.0	8.9	304°/294°	105°/110°	47°/77°-77°/37°	2.9/2.0	0.15/0.20		€ 790.00

# COLOMBO & BARIANI - SPECIAL CAMSHAFTS

April 2025

Part No.	Camshaft codes	Application	Cam Lift IN	Cam Lift EX	Duration	Lobe Center Angles	Valve Timing	Valve lift TDC	Clearance	Notes	Price
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## R3 / MT-03

YR3.ST1	YR3.083.296S (1) YR3.064.272S (1)	Road max	8.3	6.4	296°/272°	110°/110°	38°/78°-66°/26°	1.8/0.3	0.20/0.30		€ 497.00
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## NOTES

- 1 Profile recommend for 1300 and 1600 cc
- 2 Our camshaft is build with cam diameter 26.0 (original is 27.0). If not specified with a note, you can fit this product without any other work in the head of your engine
- 3 It is necessary to mill the cylinder head for cam passage
- 4 State whether 75/164 or 155 and if with or without phase variator
- 5 Use for INLET the same gear ad for EXHAUST
- 6 Cam diameter: 23.5
- 7 Cam diameter: 22.5
- 8 Mechanical tappet
- 9 For installation use the specific C&B tools
- 10 HPMS with closed and open variator
- 11 Cam diameter: 23.0
- 12 State the car model
- 13 Cam diameter: 35.0 ore others on request
- 14 Inlet cam diameter: 24.9
- 15 State, whether if old or new models
- 16 For installation use specific Ford tools
- 17 Cam diameter: 29.1
- 18 State the series of the car and power of the engine
- 19 Replace only the INLET camshaft
- 20 State the support diameter
- 21 More suitable for 1600
- 22 With this profile (only INLET) we recommend to remove the lower valve spring cap washers
- 23 Cam diameter: 25.15
- 24 State the engine Cm3
- 25 Cam diameter: 24.3
- 26 More suitable for 1400
- 27 State if Euro 0,1,2,3 o 4
- 28 Useful for standard engines. Use Road Max cam for Abarth 70hp.
- 29 Made on request
- 30 Available light version with deep hole +30&euro; each shaft

ALL OUR CAMSHAFTS ARE SOLD ON THE BASIS OF THEIR DECLARED TECHNICAL SPECIFICATIONS AND WITHOUT REGARD FOR THE PERFORMANCE OBTAINABLE, WHICH MAY BE AFFECTED, AMONG OTHER THINGS, BY OTHER ENGINE DESIGN PARAMETERS.