



Anillos de Pistón

Catálogo México

2026

TPR



TP

**PREMIUM AUTO PARTS
PROFESSIONAL SELECTION
MADE IN JAPAN**



TPR AMERICA, INC.

¿Cómo ordenar anillos de pistón TP?

Por favor, envíe su pedido a cualquiera de los correos a continuación, mencionando: ítem TPR, medida y cantidad.

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Número de parte TP

Maker	TP Parts Number	Hastings Cross Ref	Model	Engine Model	CC	CYL/ PKG	Bore Dia mm	Width (h1)			Radial Thickness (a1)			Shape			Material		
								T	2	O	T	2	O	T	2	O	T	2	O
Nissan	34053	C4051	TSURU I y II, HIKARI, SENTRA, PULSAR, Van, Datsun, Laurel	E13, E15, E16	1270, 1487	4	76.0	1.50	1.50	4.00	3.20	3.40	3.20	BF	TF	3F	FD	FC	ST
	34082	C4659	TSURU, SENTRA, TSUBAME, PULSER, Primera	GA16, GA16DE	1600	4	76.0	1.50	1.50	2.80	3.20	3.20	2.85	BF	TF	3F	FD	FC	ST
	34177	C4439	VERSA, MARCH, NOTE, YUKE, NV200, FLUENCE	HR16DE	1600	4	78.0	1.20	1.20	2.00	2.50	2.70	2.40	BF	TF	3F	ST	FC	ST
	34131	C5143	SENTRA, ALMERA DOHC	QG18DE	1769	4	80.0	1.20	1.20	2.50	2.85	3.40	2.50	BF	TF	3F	ST	FC	ST

Medida

Los anillos de pistón TP están disponibles en standard (STD) o en las siguientes sobremedidas:

inch	STD	.010	.020	.030	.040
mm	STD	0.25	0.50	0.75	1.00

Cantidad

Model	Engine Model	CC	CYL/ PKG	Bore Dia mm	Stroke mm
TSURU I y II, HIKARI, SENTRA, PULSAR, Van, Datsun, Laurel	E13, E15, E16	1270, 1487	4	76.0	1.50
TSURU, SENTRA, TSUBAME, PULSER, Primera	GA16, GA16DE	1600	4	76.0	1.50
VERSA, MARCH, NOTE, YUKE, NV200, FLUENCE	HR16DE	1600	4	78.0	1.20
SENTRA, ALMERA DOHC	QG18DE	1769	4	80.0	1.20

Existe variación de set de cilindros por caja en cada ítem

Ejemplo: 6 significa set de 6 cilindros incluidos en una caja.
4 significa set de 4 cilindros incluidos en una caja.
1 significa set de 1 cilindro en una caja.

Cantidad mínima de pedido (preferentemente) será de 10 cajas por ítem

Ejemplo de pedido

TP item	Medida	Cantidad	Notas
34053	STD	100	
50074	0.50	50	

Maker	TP Parts Number	Hastings Cross Ref	Model	Engine Model	CC	CYL/ PKG	Bore Dia mm	Width (h1)			Radial Thickness (a1)			Shape			Material			Surface Treatment		
								T	2	O	T	2	O	T	2	O	T	2	O	T	2	O
Chrysler	33991	2C4835	CALIBER, AVENGER	4B11	–	4	86.0	1.20	1.20	2.00	3.05	3.60	2.25	BF BT	TF SP	3F	ST	FC	ST	CH	PH	CH
	42065	2C4780	H-100, ECLIPSE SPYDER, STRATUS COUPE, SONATA	G4JS	2,350	4	86.5	1.20	1.50	2.75	3.10	3.80	2.55	BF BT	TF SP	3F	ST	FC	ST	CH	PH	CH
	33983	2C5148	ECLIPSE, LANCER, OUTLANDER SOHC, SAVRIN, GRUNDER	4G69	–	4	87.0	1.20	1.20	2.00	3.05	3.40	2.45	BF BT	TF SP	3F	ST	FC	ST	CH	PH	CH
	50123	2C5125	CIRRUS TURBO, PT CRUISER, STRATUS R/T	Z24 XE	2,405	4	87.5	1.20	1.50	2.50	3.00	3.10	2.75	BF	TF BB	3F	ST	FC	ST	CH	PH	CH
	33992	2C5297	AVENGER, CALIBER, PATRIOT, COMPASS	4B12	–	4	88.0	1.20	1.20	2.00	3.25	3.60	2.25	BF BT	TF SP	3F	ST	FC	ST	CH	PH	CH
	33465	2D5666	H100, GALANT (DIESEL)	4D56	2,346	4	91.1	2.50	2.00	4.00	3.20	3.90	4.20	HK BF	HK TF	2F	ST	FC	ST	CH	CH	NT
Fiat	50067	–	DUCATO	F1AE 0481C/N/D/T	2,287	1	88.0	2.36	2.00	2.50	3.65	3.60	3.10	K BF	TF	2F	ST	FC	ST	CH	PH	NT
	50097	–	DUCATO (DIESEL)	4P10	2,998	1	95.8	2.31	2.00	2.50	3.90	3.90	3.20	K BF	TF	2F	FD	FD	ST	CH	PH	NT
Ford	50154	2C5855	FIESTA ASPIRACION NATURAL, FOCUS	FOCUS1.6	–	4	79.0	1.20	1.50	2.00	2.85	3.20	2.30	BF	TF	3F	ST	FC	ST	CH	PH	CH
	50158	2D7451	TRANSIT DURATORQ JGO, RANGER, BT-50 (DIESEL)	DURATORQ, BT-50	2,200	1	86.0	2.00	2.00	2.00	3.60	3.60	2.85	BF	TF SP	2F	FD	FD	ST	CH	PH	NT
	50068	2D7451	TRANSIT DURATORQ JGO, RANGER, BT-50 (DIESEL)	DURATORQ, BT-50	2,200	4	86.0	2.00	2.00	2.00	3.60	3.60	2.85	BF	TF SP	2F	FD	FD	ST	CH	PH	NT
	33790	2C5158	RANGER, MAZDA 6	LF-DE	2,000	4	87.5	1.20	1.20	2.50	2.70	3.30	2.55	BF	TF SP	3F	ST	FC	ST	NT	PH	CH
GM	41008	2C5273	PONTIAC MATIZ	F8CV	800	1	68.5	1.20	1.20	2.50	2.65	2.80	2.85	BF BT	TF	3F	ST	FC	ST	CH	PH	CH
	41017	2C5273	PONTIAC MATIZ	F8CV	800	4	68.5	1.20	1.20	2.50	2.65	2.80	2.85	BF BT	TF	3F	ST	FC	ST	CH	PH	CH
	50096	2C4597	SPARK ECOTEC, N200, N300	B12	–	4	69.8	1.20	1.20	2.00	2.50	2.90	2.70	BF	TF	3F	ST	FC	ST	NT	PH	CH
	50148	–	AVEO (SAIL)	STEC-III L2B	1,485	4	74.7	2.50	2.70	2.00	1.00	1.00	2.25	BF BT	TF SP	–	ST	ST	ST	PV	FE	PV
	50033	2C4812	CHEVY, ASTRA, CORSA, VECTRA (MOTOR OPEL)	CORSA1.4L	–	4	77.6	1.50	1.50	3.00	2.80	3.10	3.10	BF	TF	2F	ST	FC	ST	CH	PH	NT
	50011	2C4602	CHEVY, JOY, SWING, MONZA, CORSA (OPEL)	OPEL1.6L	–	4	79.0	1.20	1.50	3.00	2.70	3.20	2.90	BF	TF	3F	ST	FC	ST	NT	PH	CH
	35950	2C4947	COROLLA, CELICA, MATRIX, PONTIAC, GEO	1ZZ-FE, 3ZZ-FE, 4ZZ-FE	1,794	4	79.0	1.20	1.20	3.00	2.70	3.20	2.50	BF	TF SP	3F	ST	FC	ST	NT	PH	NT
	50078	2C5185	ASTRA, CORSA, TORNADO, MERIVA	E-TEC, X18XE1	1,796	4	80.5	1.20	1.20	2.00	3.10	2.95	2.85	BF	TF SP	3F	ST	FC	ST	CH	PH	CH
	35617	2C4959	TRACKER, GRAND VITARA	J20A	–	4	84.0	1.20	1.50	2.50	2.75	3.50	2.75	BF BT	TF SP	3F	ST	FC	ST	NT	CH	NT
	50123	2C4174	ASTRA, BLAZER 2.4 L SOHC (OPEL) 16V	Z24 XE	2,405	4	87.5	1.20	1.50	2.50	3.00	3.10	2.75	BF	TF BB	3F	ST	FC	ST	CH	PH	CH
	50151	–	MERIVA, CRUZE	ECOTEC2.4	2,384	4	88.0	1.20	1.50	2.00	2.90	3.90	2.40	BF BT	TF SP	3F	ST	FC	ST	NT	CR	CR

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								T	2	O	T	2	O	T	2	O	T	2	O	T	2	O
Hino	32304	—	DUTRO (DIESEL)	N04C	4,009	4	104.0	2.50	2.00	4.00	3.75	3.70	4.30	BF	TF	2F	ST	ST	ST	PT	NT	NT
	32296	—	DUTRO 300 (DIESEL)	N04C, W04D	—	4	104.0	2.81	2.00	4.00	3.70	4.30	4.30	K BF	TF	2F	FD	FC	ST	CH	PH	NT
Honda	32398	2C5253	FIT SOHC, CITY	REA	1,300	4	73.0	1.00	1.20	2.00	2.25	3.00	2.20	BF BT	TF SP	3F	ST	FC	ST	CH	PH	CH
	32381	2C4690	CIVIC CRX Y CIVIC HX	P08	1,500	4	75.0	1.00	1.20	2.80	2.60	3.00	2.45	BF BT	TF SP	3F	ST	FC	ST	CH	PH	CH
	32407	2C4640	TRACKER, GRAND VITARA, CIVIC SOHC, PARTNER, DOMANI	P04	1,493	4	75.0	1.20	1.50	2.80	2.80	3.20	2.85	BF	TF	3F	ST	FC	ST	CH	PH	CH
	32400	2C5111	CIVIC	D17A1	1,668	4	75.0	1.00	1.20	2.00	2.60	3.00	2.45	BF BT	TF	3F	ST	FC	ST	CH	PH	CH
	32402	2C4850	CIVIC VTEC	RNA, R18A1	—	4	81.0	1.20	1.20	2.00	2.45	3.30	2.45	BF BT	TF SP	3F	ST	FC	ST	CH	PH	CH
	32387	2C4973	CRV, ACURA INTEGRA, CIVIC	B20B, P3F	1,972	4	84.0	1.20	1.20	2.80	3.10	3.40	2.60	BF BT	TF	3F	ST	FC	ST	CH	PH	CH
	32378	2C4654	ACCORD, ACURA, ODYSSEY	F22	2,200	4	85.0	1.20	1.20	2.80	3.10	3.40	2.60	BF	TF	3F	ST	FC	ST	CH	PH	NT
	32384	2C4969	ACURA, ACCORD, ODYSSEY	PAA, F23	—	4	86.0	1.20	1.20	2.80	2.70	3.10	2.85	BF	TF SP	3F	ST	FC	ST	NT	PH	CH
	32422	2C5147	CRV, ACCORD, CIVIC, ODYSSEY	K24A	2,354	4	87.0	1.20	1.20	2.00	2.70	3.40	2.45	BF BT	TF SP	3F	ST	FD	ST	PV	CH	PV
	32431	—	(HON) ACCORD, PILOT, ODYSSEY, (ACU) MDX	J35Y, JNB	3,471	6	89.0	1.20	1.20	2.00	3.10	3.50	2.45	BF BT	TF	3F	ST	FC	ST	PV	PH	PV
	32413	2C4972	PILOT, ACCORD	R70	3,500	6	89.0	1.20	1.20	2.80	3.05	3.60	2.85	BF BT	TF	3F	ST	FC	ST	CH	PH	CH
	42002	2C5136	ATOS	80HC	1,000	4	66.0	1.20	1.20	2.50	2.30	2.80	2.80	BF	TF	3F	ST	FC	ST	CH	PH	CH
Hyundai	43021	2C5298	ATOS (RANURA DE ACEITE DE 2.0MM), PICANTO	PICANTO1.1L	1,100	4	67.0	1.20	1.20	2.00	2.45	2.80	2.75	BF BT	TF	3F	ST	FC	ST	CH	PH	NT
	42036	2C4580	ATOS RANURA DE ACEITE 2.5MM	SANTRO	—	4	67.0	1.20	1.20	2.50	2.30	2.70	2.50	BF	TF	3F	ST	FC	ST	NT	PH	NT
	42032	2C4576	ATTITUDE VERNA, ACCENT	G4EE	—	4	75.5	1.20	1.20	2.00	2.85	3.20	2.75	BF BT	TF SP	3F	ST	FC	ST	CH	PH	NT
	42039	2C4782	VERNA	G4EK	—	4	75.5	1.50	1.50	3.00	2.90	3.10	2.80	BF	TF	3F	ST	FC	ST	NT	PH	NT
	42038	2C4526	ATTITUDE, VERNA DOHC L4	ALPHA1.6	—	4	76.5	1.20	1.20	2.00	2.85	3.20	2.50	BF BT	TF SP	3F	ST	FC	ST	CH	PH	NT
	42072	—	i20, i30, SOLARIS	G4LC	—	4	72.0	1.00	1.20	2.00	2.30	2.60	2.20	BF BT	TF SP	3F	ST	FC	ST	NT	PH	NT
	42073	—	(HYU) TUCSON, (KIA) SPORTAGE	G4FJ	1,591	4	77.0	1.20	1.50	2.00	2.50	3.10	2.00	BF BT	TF SP	2F	ST	FC	ST	PV	PH	NT
	42001	—	H100 (DIESEL)	D4BA	2,500	4	91.1	2.00	2.00	3.00	3.35	3.75	3.30	BF	TF	2F	ST	FC	ST	NT	CH	NT
	42066	2C4550	ACERA, GENESIS, VERACRUZ	LAMBDA2	3,778	6	96.0	1.20	1.20	2.00	3.10	3.70	2.50	BF BT	TF SP	3F	ST	FC	ST	CH	PH	NT

Maker	TP Parts Number	Hastings Cross Ref	Model	Engine Model	CC	CYL/ PKG	Bore Dia	Width (h1)			Radial Thickness (a1)			Shape			Material			Surface Treatment		
							mm	T	2	O	T	2	O	T	2	O	T	2	O	T	2	O
Isuzu	32579	2C4603	LUV, PICK UP, AMIGO, IMPULSE	4ZD	2,254	4	89.3	1.50	1.50	4.00	3.50	3.80	2.90	BF	TF	3F	ST	FC	ST	CH	CH	CH
	32664	—	ELF D-MAX (DIESEL)	4JJ1TC	3,059	4	95.4	2.00	1.50	3.00	3.30	3.50	3.00	HK BF	TF BT	2F	ST	ST	ST	CH	NT	NT
	32719	—	ELF, BIGHORN	4JG2-2	3,059	1	95.4	2.306	2.00	4.00	4.00	4.00	3.95	K BF	TF	2F	FD	FC	ST	PH	PH	NT
	32631	2C7456	ELF (DIESEL)	4HK1TC, 4HG1, 4HJ1	5,193	4	115.0	3.00	2.50	4.00	3.95	4.80	4.35	HK BF	TF	2F	ST	FC	ST	NT	CH	NT
	32682	2C7456	ELF (DIESEL)	4HK1, 6HK1	5,193	1	115.0	3.00	2.50	4.00	3.95	4.80	4.35	HK BF	TF	2F	ST	FC	ST	NT	CH	NT
Mazda	33800	2C5664	ECONOVAN, KIA, E-SERIES, B-SERIES, 626, BONGO, LUCE, EUNOS300	FE	1,998	4	86.0	1.50	1.50	4.00	3.30	3.80	3.40	BF	TF SP	3F	ST	FC	ST	NT	PH	NT
	33810	—	CX-5, CX-8	SH-VPTS	2,188	4	86.0	2.00	1.50	2.00	2.70	2.70	2.00	BF BT	TF	2F	ST	ST	ST	NT	NT	NT
	33805	2M5168	FORD-MAZDA DURATEC 16V, AXELA, ATENZA	L3T	2,500	4	87.5	1.50	1.50	2.00	3.10	3.70	2.75	BF	TF SP	2F	ST	FC	ST	NT	PH	NT
Mercedes Benz	50117	—	SPRINTER (DIESEL)	OM611	2,148	1	88.0	2.50	2.00	3.00	3.70	3.70	4.00	BF BT	TF BT	2F	FD	FC	ST	CH	PH	NT
Mini Cooper	50153	2C5159	MINI COOPER CON TURBO	COOPER77	—	4	77.0	1.20	1.20	2.50	2.90	3.30	2.75	BF	TF SP	3F	ST	FC	ST	NT	PH	CH
Mitsubishi	33966	2C5173	LANCER	4G94	—	4	81.5	1.20	1.20	2.50	2.70	3.40	2.60	BF BT	TF SP	3F	ST	FC	ST	NT	PH	CH
	33463	—	TRITON, PAJERO (DIESEL) 2.4 LT, 4 CYL	4N15	—	4	86.0	2.00	1.50	2.00	2.90	2.90	2.75	HK BF	TF	2F	ST	ST	ST	NT	NT	NT
	33469	—	L200 TRITON, PAJERO SPORT, OUTLANDER II-III (DIESEL)	4N14, 4N15	2,442	4	86.0	2.00	2.00	2.00	2.80	3.10	2.75	HK BF	HK TF	2F	ST	ST	ST	NT	NT	NT
	33935	2C4638	GALANT, L300, H100, DELICA	4G64	2,350	4	86.5	1.50	1.50	4.00	3.05	3.50	3.25	BF	TF	3F	ST	FC	ST	FE	PH	PH
	33977	2C5116	OUTLANDER	6B31	—	6	87.6	1.20	1.00	2.00	3.10	2.90	23.00	BF BT	TF	3F	ST	FD	ST	NT	PH	CH
	33921	—	L200, PAJERO, MONTERO SPORT (DIESEL) 2.3 LT, 4 CYL	4D56IC, 4D56TC	2,346	4	91.1	2.50	2.00	4.00	3.70	3.70	4.10	HK BF BB	HK TF BB	2F	FD	FD	ST	CH	CH	NT
	33979	—	MONTERO 2.5 LT, 4 CYL	4D56TDi	—	4	91.1	2.50	2.00	4.00	3.35	3.80	4.20	HK BF	HK TF	2F	ST	FD	ST	NT	CH	NT
Mitsubishi Fuso	33443	—	FUSO 360 4.9 LT, 4 CYL (DIESEL)	4M50	—	4	114.0	2.81	2.00	4.00	3.90	3.90	4.20	K BF	TF BT	2F	ST	FD	ST	NT	CH	NT
	33471	—	FUSO EP318, BUS MP118, MP518 (DIESEL)	6D22T	11,149	1	130.0	3.296	3.00	4.00	5.40	5.30	4.55	K BF	TF ST	2F	FD	FD	ST	CH	CH	CH
Nissan	34053	2C6151	TSURU I Y II, HIKARI, SENTRA, PULSAR, VAN, DATSUN, LAUREL	E13, E15, E16	1270, 1487	4	76.0	1.50	1.50	4.00	3.20	3.40	3.20	BF	TF SP	3F	FD	FC	ST	CH	PH	CH
	34082	2C4659	TSURU, SENTRA, TSUBAME, PULSER, PREMERA	GA16, GA16DE	1,600	4	76.0	1.50	1.50	2.80	3.20	3.20	2.85	BF	TF	3F	FD	FC	ST	CH	PH	CH
	34177	2C4439	VERSA, MARCH, NOTE, YUKE, NV200, FLUENCE	HR16DE	1,600	4	78.0	1.20	1.20	2.00	2.50	2.70	2.40	BF	TF	3F	ST	FC	ST	CH	PH	CH
	34131	2C5143	SENTRA, ALMERA DOHC	QG18DE	1,769	4	80.0	1.20	1.20	2.50	2.85	3.40	2.50	BF	TF	3F	ST	FC	ST	CH	PH	CH

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								T	2	O	T	2	O	T	2	O	T	2	O	T	2	O
Nissan	34080	2C4476	DATSUN, PICK UP, ICHI VAN	J18	1,800	4	80.5	1.50	2.00	4.00	3.50	3.70	3.20	BF	TF SP	3F	FD	FC	ST	CH	PH	CH
	34162	2C5223	TIIDA, VERSA	MR20DE	2,000	4	84.0	1.20	1.20	2.00	2.60	3.00	2.45	BF	TF	3F	ST	FC	ST	CH	PH	CH
	34085	2M4601	PONTIAC, SENTRA, RODEO, BLUEBIRD	SR20	1,998	4	86.0	1.50	1.50	3.00	3.35	3.80	2.85	BF	TF	3F	ST	FC	ST	NT	PH	CH
	34150	2C6239	PATHFINDER, MAXIMA, 300SX, PICK UP, DATSUN	VG30	2,960	6	87.0	2.00	1.50	2.80	3.00	3.70	2.90	BF	TF	3F	ST	FC	ST	NT	CH	NT
	34189	2M6196	MAXIMA, MERCURY VILLAGER, QUEST, PATHFINDER, 300ZX	VG30	2,960	6	87.0	1.50	1.50	2.80	3.15	3.70	2.90	BF	TF	3F	ST	FC	ST	NT	CH	NT
	34077	2C4452	PICK UP, D21, PATHFINDER VAN, URVAN, DATSUN	Z24	2,400	4	89.0	2.00	1.50	4.00	3.15	3.90	3.25	BF BT	TF SP	3F	ST	FC	ST	NT	CH	CH
	34114	2C4660	D-21, PICK-UP, ICHIVAN, LARGO, MH11, W30	KA24	2,388	4	89.0	1.50	1.50	2.80	3.25	3.90	2.85	BF	TF	3F	ST	FC	ST	CH	PH	CH
	34134	2D7531	CABSTAR D22, D25, FRONTIER NAVARA (DIESEL)	YD25	2,500	4	89.0	2.00	2.00	3.00	2.95	3.40	3.55	HK BF	TF ST	2F	ST	FC	ST	NT	PH	NT
	34182	—	FRONTIER, PATHFINDER, NP300	YD25	2,500	4	89.0	2.00	2.00	3.00	3.00	3.50	3.55	HK BF	TF ST	2F	ST	FC	ST	NT	CH	NT
	34147	2C5099	URVAN, D22, ALTIMA, SENTRA, XTRAIL, ALTIMA	KA24DE	2,388	4	89.0	1.20	1.20	2.50	3.30	3.80	2.75	BF BT	TF	3F	ST	FC	ST	CH	PH	CH
	34149	2C5099	ALTIMA, SENTRA, XTRAIL	QR25, QR25DE	2,488	4	89.0	1.20	1.20	2.50	3.15	3.80	2.55	BF BT	TF	3F	ST	FC	ST	NT	PH	CH
	34221	2C4516	ALTIMA X-TRAIL SENTRA, TEANA, MURANO, CARAVAN	QR25DE	2,488	4	89.0	1.20	1.20	2.00	2.90	3.80	2.25	BF	TF SP	3F	ST	FC	ST	PV	PH	PV
	34132	2C4899	PATHFINDER, XTERRA, QUEST, FRONTIER, INFINITY QX4	VG33	3,274	6	91.5	1.50	1.50	2.80	3.25	4.00	2.85	BF	TF	3F	ST	FC	ST	CH	PH	CH
	34130	2C5112	PATHFINDER, MURANO, MAXIMA, ALTIMA (DOHC)	VQ35	3,500	6	95.5	1.20	1.20	2.50	3.45	4.00	2.50	BF	TF	3F	ST	FC	ST	CH	PH	CH
Renault	34164	—	CARAVAN, TERRANO, 3.0 LT, 4 CYL	ZD30	—	4	96.0	2.00	1.20	2.00	3.00	3.00	2.75	BF	TF BT	2F	ST	FD	ST	NT	CH	NT
	34166	—	FRONTIER, CABSTAR, URVAN 3.0 LT, 4CYL	ZD30DT	—	4	96.0	2.50	2.00	2.00	3.70	3.90	2.75	HK BF	TF BT	2F	ST	FC	ST	NT	PH	NT
	50064	2C4313	KANGOO, CLIO	K7M	1,598	4	79.5	1.50	1.50	2.50	3.30	3.30	2.90	BF BT	TF SP	3F	FD	FC	ST	CH	PH	CH
	35645	—	CIAZ, ERTIGA, JIMNY SIERRA, S-CROSS	K15B	1,462	4	74.0	1.00	1.20	2.00	2.30	2.50	2.20	BF	TF SP	3F	ST	ST	ST	NT	PH	NT
Toyota	36019	2C5266	(TOY) AVANZA, (FIAT) PANDA, VITZ, YARIS, BELTA	2SZ-FE	1,296	4	72.0	1.20	1.20	2.00	2.30	2.60	2.25	BF	TF SP	3F	ST	FC	ST	NT	PH	NT
	35879	2C4633	COROLLA, STARLET	2E, 2EL, 3E, 3EE	1,295	4	73.0	1.50	1.50	3.00	2.70	3.10	2.55	BF	TF SP	3F	ST	FC	ST	CH	PH	CH
	35973	2C5091	YARIS, PRIUS, PROBOX	1NZ-FXE	1,496	4	75.0	1.20	1.20	2.00	2.50	2.80	2.75	BF	TF SP	2F	ST	FC	ST	NT	PH	NT
	36072	—	COROLLA, UX200	M20A	1,986	4	80.5	1.20	1.20	2.00	2.70	2.50	2.20	BF	TF	3F	ST	ST	ST	NT	CH	PV
	36071	—	CAMRY, RAV4, ES250	A25A	2,487	4	87.5	1.20	1.20	2.00	2.90	2.70	2.00	BF BT	TF	3F	ST	ST	ST	PV	CH	PV

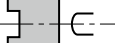
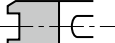
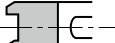
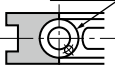
Maker	TP Parts Number	Hastings Cross Ref	Model	Engine Model	CC	CYL/ PKG	Bore Dia	Width (h1)			Radial Thickness (a1)			Shape			Material			Surface Treatment		
								T	2	O	T	2	O	T	2	O	T	2	O	T	2	O
Toyota	36073	—	COROLLA	3FZR 80.5	1,797	4	88.0	1.00	1.00	2.00	2.75	2.50	2.20	BF BT	TF SP	3F	ST	ST	ST	CR	CR	PV
	36042	2C5267	COROLLA, CAMRY, MATRIX, SCION, RAV4	2AZ	2,362	4	88.5	1.00	1.00	2.00	2.70	2.70	2.75	BF	TF SP	2F	ST	ST	ST	NT	FE	NT
	35967	2C5090	CAMRY, COROLLA, RAV 4 DOHC L4	2AZ-FE	2,400	4	88.5	1.20	1.20	2.00	2.70	3.20	2.50	BF	TF SP	3F	ST	FC	ST	FE	PH	NT
	35887	2C4480	MONTACARGAS	4Y	2,208	4	91.0	1.50	1.50	4.00	3.35	4.00	2.90	BF	TF	3F	ST	FC	ST	NT	CH	NT
	35945	2C4216	HILUX, CELICA PICK UP, 4RUNNER, CORONA, COASTER, LAND CRUISER	22R	2,400	4	92.0	1.50	1.50	4.00	3.35	4.00	3.20	BF	TF	3F	ST	FC	ST	NT	CH	NT
	35852	2C5645	PICK-UP, HILUX, CELICA	22R	2,400	4	92.0	2.00	2.50	4.00	4.20	4.20	3.15	BF	TF	3F	FC	FC	ST	CH	CH	CH
	36002	2C4511	CAMRY, SIENNA Y RAV-4, AVALON	2GR-FE	3,500	6	94.0	1.20	1.20	2.00	2.90	2.90	2.70	BF	TF SP	3F	ST	ST	ST	NT	FE	NT
	35961	2C5261	HIACE, HILUX, TACOMA, LAND CRUISER	2TR-FE	2,700	4	95.0	1.20	1.20	2.00	2.90	3.40	2.75	BF	TF SP	2F	ST	FC	ST	NT	PH	NT
	36004	2C4908	HIACE, HILUX, TACOMA, 4RUNNER	3RZ-FE	2,693	4	95.0	1.50	1.50	4.00	3.55	3.40	2.90	BF	TF SP	3F	ST	FC	ST	NT	CH	NT
VW	50156	2C5177	POLO, LUPO, CROSSFOX, GOL, CORDOBA, IBIZA	VW1.4	—	4	76.5	1.20	1.50	2.50	2.90	3.20	2.75	BF	TF SP	3F	ST	FC	ST	NT	PH	CH
	50093	—	POLO BTS			4	76.5	1.20	1.20	2.00	2.90	2.90	2.50	BF	TF	3F	ST	FC	ST	NT	PH	CH
	50111	2C5029	PASSAT, POLO, GOLF, JETTA, BORA, EUROVAN (DIESEL)	Vento1.9D	—	1	79.5	1.75	2.00	3.00	3.25	3.30	3.60	BF	TF	2F	ST	FC	ST	CH	PH	NT
	50003	2C4490	CARIBE, ATLANTIC, PASSAT	Passat79.5	—	4	79.5	1.75	2.00	4.00	3.25	3.30	3.25	BF	TF	3F	ST	FC	ST	CH	PH	CH
	50155	2C5095	BORA, JETTA, POINTER, POLO, BEETLE, PASSAT 20V (SOHC Y DOHC), AUDI	AUDI81	—	4	81.0	1.20	1.50	2.00	2.90	3.30	2.75	BF	TF SP	3F	ST	FC	ST	NT	PH	NT
	50100	2D7282	GOLF, JETTA, PASSAT, (AUDI) A3, A4, TRANSPORTER T4 (DIESEL)	VENTO	—	1	81.0	1.75	2.00	3.00	3.25	3.25	3.60	BF	TF	2F	FD	FC	ST	CH	PH	NT
	50159	2C4341	CORSAR, CARIBE, GT, GOLF, ATLANTIC, GLS, JETTA Y COMBI, TRANSPORTER T3	SANTANA, VW1600/1800	—	4	81.0	1.50	1.75	3.00	3.40	3.50	2.95	BF	TF SP	3F	FD	FC	ST	CH	PH	CH
	50157	2C4639	GOLF, JETTA A3, A4, NEW BEETLE, PASSAT, TRANSPORTER T5	LT35	1,984	4	82.5	1.20	1.50	2.00	3.15	3.45	2.80	BF BT	TF BT	3F	ST	FC	ST	NT	PH	NT
	50152	2C4562	BORA BEETLE JETTA DOHC 20V	VW2.8L-1	—	5	82.5	1.20	1.50	2.00	3.05	3.30	2.75	BF	TF	2F	ST	FC	ST	CH	PH	NT

TP ENGINE TROUBLE TRACER

USE RELIABLE PARTS
TO AVOID UNEXPECTED ENGINE PROBLEMS

		● direct cause △ indirect cause																		
	Parts	Problem	Inappropriate Use								Inadequate Maintenance						Others			
			Intake dust	Foreign matter in the fuel	Inferior fuel	Unsuitable oil	Over loading	Over revving	Over heating	High load low engine speed	Engine oil		Intake		Cooling water		Past its life span	Parts		
											Deterioration	Foreign matter in the fuel	Insufficient quantity	Dust contamination	Cleaner clogging	Insufficient quantity		Anomaly	Misassembly	Wrong part assembled
Oil leaking into combustion chamber		Scuffing			△	●	△	●						△		●	△			
		Anomalous wear	●	●	△	●	△			●	●	●	●	●						
		Excessive closed gap	△	△	△						△	△								●
		Breakage	△	△	△			●	△			△		△	△			△		△
		Deformation					△		△									●	△	△
		Ring sticking		△	△	●		●	●	●	△	△	△							△
		Carbon deposition on top land		△	●	●			△		△	△	△							
		Piston scuffing					●		●		△					●	●			△
		Worn ring groove	●	●	△	●		●									●			
		Deformation					△		●							△		●	●	
		Wear	●	●	△	●	△		△	△	●	●	△	●	●	△				
		Cavitation erosion					△		△											
Oil failing	Valve 	Wear	●			●		△			●	●		△				△		△
	Valve Guide 	Wear	●			●		△			●	●		△				△		△
	Valve Seal 	Wear	●		△	●		△			●	●		●	●			△		
Oil leaking		Worn shaft	●			●			△			●	△	●	●					
		Seeling degradation	●			●			△			●	△	●	●					

Cross-Section Configuration/ Material/Surface Treatment

Shape ①		
Cross Section		
Rectangular		
Keystone		K
Half Keystone		HK
Slotted oil control		1F
Beveled-edge oil control		
Double-beveled oil control		
Coil spring loaded oil control		2F
Coil spring loaded Beveled-edge oil control		
Coil spring loaded double Beveled-edge oil control		
Expander/segment oil control ring		3F
Shape ②		
Face Configuration		
Straight-faced		SF
Barrel-faced		BF
Taper-faced		TF

Shape ③		
Others		
Scraper		SP
Internal bevel top		BT
Internal step top		ST
Internal bevel bottom		BB
Internal step bottom		SB
Inside edges chamfered		
Outside edges chamfered		
Inside and outside edges chamfered		
Material		
Gray Cast iron		FC
Ductile Cast iron		FD
Steel		ST
Surface treatment		
Nitriding		NT
Chromium plating		CH
Phosphate		PH
Ferroxided		FE
PVD		PV



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