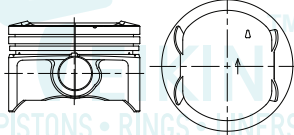
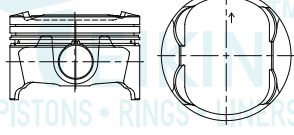
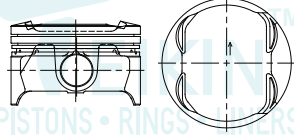


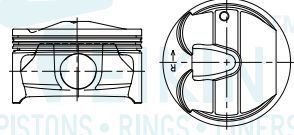
ADDENDUM TO TEIKIN CATALOG VOL. 19 DATED MARCH 31, 2020

 ENGINE TYPE	 PISTON SET	 RINGS	 PIN	 BUSHING	 FLANGED LINER NO FLANGE	 LINER KIT SET
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CHEVROLET				GASOLINE APPLICATION			
SPARK 1.0 4 cyl. 	Ø 68.50 +2.3	2 - 1.2	Ø 17.000 TL 52.00				TEIKIN NO.
	CD 25.00 TL 47.30	1 - 2.0					
	TEIKIN NO. 30129		TEIKIN NO. P 48209				
	REFERENCE NO. 25192073						
Surface Treatment Moly Skirt	Bore Clearance MRC: 0.030 mm MP: 9.00 mm						1

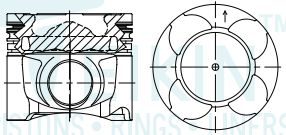
CHEVROLET				GASOLINE APPLICATION			
SPARK 1.25 L 4 cyl. 	Ø 70.50 +2.4	1 - 1.0 1 - 1.2 1 - 2.0	Ø 18.000 TL 47.50				TEIKIN NO.
	CD 24.80 TL 47.80						
	TEIKIN NO. 30116	TEIKIN NO. R 30116	TEIKIN NO. P 30110				
	REFERENCE NO.	REFERENCE NO.					
Surface Treatment Moly Skirt	Bore Clearance MRC: 0.030 mm MP: 8.00 mm						2

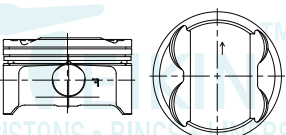
CHEVROLET				GASOLINE APPLICATION			
NEW OPTRA 4 cyl. 	Ø 74.70 +2.5	2 - 1.2	Ø 18.000 TL 47.50				TEIKIN NO.
	CD 25.80 TL 48.30	1 - 2.0					
	TEIKIN NO. 30128		TEIKIN NO. P 30110				
	REFERENCE NO.						
Surface Treatment Moly Skirt Anodized Crown 1st Ring Anodized	Bore Clearance MRC: 0.030 mm MP: 9.00 mm						3

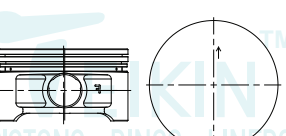
CHEVROLET				GASOLINE APPLICATION			
CAPTIVA 3.0 L 3000 cc 6 cyl. 	Ø 89.00 +5.3	1 - 1.0 1 - 1.2 1 - 1.5	Ø 24.000 TL 52.00				TEIKIN NO.
	CD 29.00 TL 56.30						
	TEIKIN NO. 30117	TEIKIN NO. R 30117	TEIKIN NO. P 30117				
	REFERENCE NO. 12631195 (R) 12631196 (L)	REFERENCE NO. 12631194					
Surface Treatment Moly Skirt Anodized Crown 1st Ring Anodized	Bore Clearance MRC: 0.030 mm MP: 6.00 mm						4

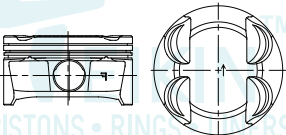
ADDENDUM TO TEIKIN CATALOG VOL. 19 DATED MARCH 31, 2020

 ENGINE TYPE	 PISTON SET	 RINGS	 PIN	 BUSHING	 FLANGED	 NO FLANGE	 LINER KIT SET
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CHEVROLET				DIESEL APPLICATION				TEIKIN NO.
S10	4 cyl.	Ø 94.00 -17.1 CD 52.00 TL 80.10	1 - 2.8 FK 1 - 2.0 1 - 2.0	Ø 31.990 TL 71.00 				
		TEIKIN NO. 30130AG	TEIKIN NO. R 30130	TEIKIN NO. P 30130				
Surface Treatment Moly Skirt		Bore Clearance MRC: 0.050 mm MP: 9.00 mm	REFERENCE NO.	REFERENCE NO.				
								5

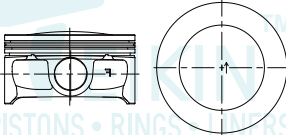
CHRYSLER				GASOLINE APPLICATION				TEIKIN NO.
1.8L	1798 cc	Ø 86.00 +1.1 CD 27.20 TL 51.20	2 - 1.2 1 - 2.0	Ø 21.000 TL 59.00				
4 cyl. Avenger 2008-2010 Caliber 2007-2011 Jeep Compass Patriot 2007-2011 DOHC 16V Dual VVT		TEIKIN NO. 31132		TEIKIN NO. P 45131				
		REFERENCE NO. 05191337AA 05191338AA 05191339AA						
Surface Treatment Chromated Moly Skirt		Bore Clearance MRC: 0.030 mm MP: 9.00 mm						6

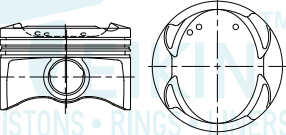
CHRYSLER				GASOLINE APPLICATION				TEIKIN NO.
3.3L	6 cyl.	Ø 93.00 CD 30.00 TL 52.00	2 - 1.5 1 - 3.0	Ø 22.885 TL 67.50				
6 cyl. Town & Country Voyager, Grand Voyager Caravan Grand Caravan		TEIKIN NO. 31133		TEIKIN NO. P 31120				
		REFERENCE NO. 04897772AA 04666130AB						
Surface Treatment Chromated Moly Skirt		Bore Clearance MRC: 0.030 mm MP: 8.00 mm						7

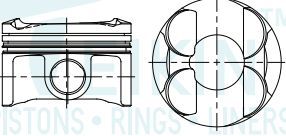
CHRYSLER				GASOLINE APPLICATION				TEIKIN NO.
3.6L	6 cyl.	Ø 96.00 -0.5 CD 29.60 TL 51.50	2 - 1.2 1 - 2.0	Ø 22.000 TL 52.00 				
6 cyl. Journey, Avenger, Charger, Challenger, 300, 200, Town & Country, Voyager Caravan, Durango, VW Routan Jeep Grand Cherokee, Wrangler		TEIKIN NO. 31134		TEIKIN NO. P 55106				
		REFERENCE NO. 05184347AG						
Surface Treatment Chromated Moly Skirt		Bore Clearance MRC: 0.030 mm MP: 8.00 mm						8

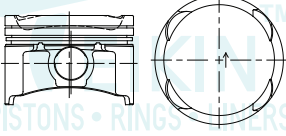
ADDENDUM TO TEIKIN CATALOG VOL. 19 DATED MARCH 31, 2020

 ENGINE TYPE	 PISTON SET	 RINGS	 PIN	 BUSHING	 LINER	 NO FLANGE	 LINER KIT SET
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CHRYSLER				GASOLINE APPLICATION			
5.7L Aspen 2009 Challenger 2009-2011 Durango 2009-2013 Ram 1500, 2500, 3500 2009-2013, Ram 4000 2011-2013 8 cyl.	Ø 99.50	2 - 1.2	Ø 24.000				TEIKIN NO.
	CD 30.00 TL 55.10	1 - 2.0	TL 63.00 				
	TEIKIN NO. 31135		TEIKIN NO. P 44262				
	REFERENCE NO. 53022257AE 53022258AE						
 PISTONS • RINGS • LINERS							9
Surface Treatment Bore Clearance Chromated MRC: 0.030 mm Moly Skirt MP: 8.00 mm							

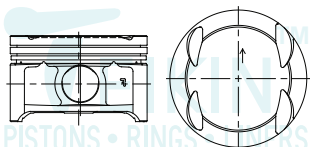
DAIHATSU				GASOLINE APPLICATION			
1KR-DE / 1KR-VE 998 cc DAIHATSU SIGRA 3 CYL AYLA / HI-MAX 3 CYL 3 cyl.	Ø 71.00	1 - 1.2	Ø 18.000				TEIKIN NO.
	CD 26.50 TL 47.10	1 - 1.0	TL 47.50 				
	TEIKIN NO. 32153		TEIKIN NO. P 30110				
	REFERENCE NO. 13211-BZ201-001						
 PISTONS • RINGS • LINERS							10
Surface Treatment Bore Clearance Moly Skirt MRC: 0.030 mm Anodized Crown MP: 3.50 mm 1st Ring Anodized							

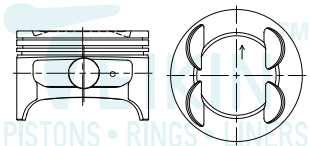
DAIHATSU				GASOLINE APPLICATION			
3NR-VE 1197 cc DAIHATSU SIGRA 4 CYL AYLA 4 CYL 4 cyl.	Ø 72.50	1 - 1.2	Ø 18.000				TEIKIN NO.
	CD 30.20 TL 49.20	1 - 1.0	TL 53.00 				
	TEIKIN NO. 32152		TEIKIN NO. P 46332				
	REFERENCE NO. 13101-BZ270-001						
 PISTONS • RINGS • LINERS							11
Surface Treatment Bore Clearance Moly Skirt MRC: 0.030 mm Anodized Crown MP: 5.50 mm 1st Ring Anodized							

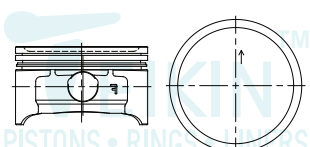
FIAT				GASOLINE APPLICATION			
DOBLO 1.4L 4 cyl.	Ø 72.00	2 - 1.2	Ø 17.973				TEIKIN NO.
	CD 26.80 TL 49.90	1 - 2.0	TL 53.00 				
	TEIKIN NO. 34139	TEIKIN NO. R 34139	TEIKIN NO. P 34122				
	REFERENCE NO.	REFERENCE NO.					
 PISTONS • RINGS • LINERS							12
Surface Treatment Bore Clearance Moly Skirt MRC: 0.030 mm MP: 12.00 mm							

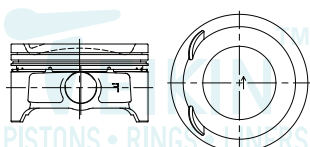
ADDENDUM TO TEIKIN CATALOG VOL. 19 DATED MARCH 31, 2020

 ENGINE TYPE	 PISTON SET	 RINGS	 PIN	 BUSHING	 FLANGED LINER NO FLANGE	 LINER KIT SET
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FIAT				GASOLINE APPLICATION				TEIKIN NO.
1.6L PALIO SEDAN PALIO HATCH BACK PALIO ADVATURE STILO DOHC 16V	1596 cc 4 cyl.	Ø 80.50 -1.2 CD 28.40 TL 50.50	2 - 1.2 1 - 2.0	Ø 21.000 TL 56.00 				
		TEIKIN NO. 34140		TEIKIN NO. P 38151				
Surface Treatment Chromated Moly Skirt		Bore Clearance MRC: 0.030 mm MP: 9.00 mm	REFERENCE NO. 10136100					
								13

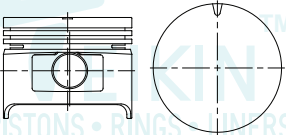
FORD				GASOLINE APPLICATION				TEIKIN NO.
FIESTA 1.6L DURATEC Ti-VCT	1600 cc 4 cyl.	Ø 79.00 -0.4 CD 25.30 TL 53.30	1 - 1.2 1 - 1.5 1 - 2.0	Ø 18.000 TL 54.00				
		TEIKIN NO. 35211		TEIKIN NO. P 58107				
Surface Treatment None		Bore Clearance MRC: 0.030 mm MP: 17.00 mm	REFERENCE NO.					
								14

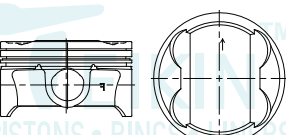
FORD				GASOLINE APPLICATION				TEIKIN NO.
1.6L KA 2000-2009 IKON 2009	1599 cc 4 cyl.	Ø 82.05 -3.0 CD 24.90 TL 48.50	1 - 1.2 1 - 1.5 1 - 2.0	Ø 18.030 TL 60.00				
		TEIKIN NO. 35212		TEIKIN NO. P 35212				
Surface Treatment Chromated Moly Skirt		Bore Clearance MRC: 0.030 mm MP: 11.00 mm	REFERENCE NO. FMXSG-6102GIH					
								15

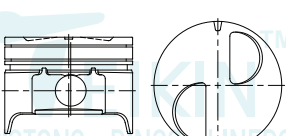
FORD				GASOLINE APPLICATION				TEIKIN NO.
2.5L-II Fusion, Escape Mercury Mariner Milan, Mazda 3, 5, 6, CX7 DOHC 16 Val.	2488 cc 4 cyl.	Ø 89.00 -6.9 CD 28.30 TL 50.50	2 - 1.2 1 - 2.5	Ø 20.000 TL 55.00 				
		TEIKIN NO. 35213		TEIKIN NO. P 42108				
Surface Treatment Chromated Moly Skirt		Bore Clearance MRC: 0.030 mm MP: 10.50 mm	REFERENCE NO. 68031605AD					
								16

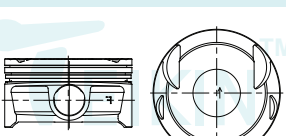
ADDENDUM TO TEIKIN CATALOG VOL. 19 DATED MARCH 31, 2020

 ENGINE TYPE	 PISTON SET	 RINGS	 PIN	 BUSHING	 FLANGED LINER NO FLANGE	 LINER KIT SET
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FORD				GASOLINE APPLICATION			
2.8 LTS	6 cyl.	Ø 93.00	1 - 2.0 1 - 2.5 1 - 4.0	Ø 24.000 TL 72.00			TEIKIN NO.
CD 38.50 TL 73.00							
							
TEIKIN NO. 35208				TEIKIN NO. P 35208			
REFERENCE NO.							
Surface Treatment None	Bore Clearance MRC: 0.030 mm MP: 14.50 mm						
							17

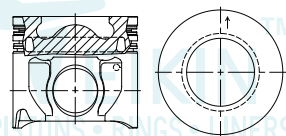
FORD				GASOLINE APPLICATION			
3.7 LTS	6 cyl.	Ø 95.50 +0.8	1 - 1.2 1 - 1.5 1 - 2.5	Ø 23.000 TL 56.00			TEIKIN NO.
CD 31.50 TL 55.20							
							
TEIKIN NO. 35207				TEIKIN NO. P 34129			
REFERENCE NO. BA5Z-6108-L							
Surface Treatment Chromated Moly Skirt	Bore Clearance MRC: 0.030 mm MP: 7.50 mm						
							18

FORD				GASOLINE APPLICATION			
MOT 2.3L	4 cyl.	Ø 96.01 -2.6	2 - 1.5 1 - 4.0	Ø 23.170 TL 76.20			TEIKIN NO.
CD 40.10 TL 72.20							
							
TEIKIN NO. 35210				TEIKIN NO. P 35169			
REFERENCE NO.							
Surface Treatment None	Bore Clearance MRC: 0.030 mm MP: 17.50 mm						
							19

FORD				GASOLINE APPLICATION			
6.2L F-150 Raptor 2010-2012 Super Duty Series 2011-2012 SOHC VCT	8 cyl.	Ø 102.00 -0.5	2 - 1.5 1 - 2.5	Ø 24.000 TL 63.00			TEIKIN NO.
CD 33.30 TL 55.00							
							
TEIKIN NO. 35214				TEIKIN NO. P 44262			
REFERENCE NO. AL3Z6108A							
Surface Treatment Chromated Moly Skirt	Bore Clearance MRC: 0.030 mm MP: 7.00 mm						
							20

ADDENDUM TO TEIKIN CATALOG VOL. 19 DATED MARCH 31, 2020

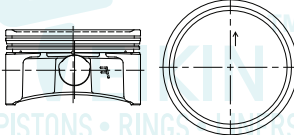
 ENGINE TYPE	 PISTON SET	 RINGS	 PIN	 BUSHING	 FLANGED LINER NO FLANGE LINER KIT SET
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FORD				DIESEL APPLICATION				
2.4L DURATORQ TDCI 16V		Ø 89.90	2 - 2.0	Ø 32.000				TEIKIN NO.
"PUMA" P5AT 2006 - Present Ford Ranger (2006-Present)		-16.3		TL 72.00				
5 cyl.		CD 53.50 TL 80.50	1 - 2.0					
		TEIKIN NO. 35202AG-5	TEIKIN NO. R 35202	TEIKIN NO. P 46254				
Surface Treatment Bore Clearance		REFERENCE NO.						
Chromated Moly Skirt		MRC: 0.030 mm MP: 7.50 mm	KS: 800051110000 KS: 800051140000 MAHLE: 01580N0 G-0814810000					

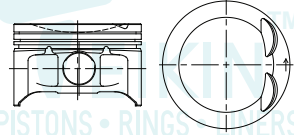
21

ADDENDUM TO TEIKIN CATALOG VOL. 19 DATED MARCH 31, 2020

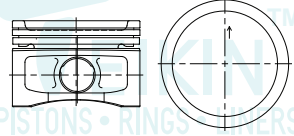
 ENGINE TYPE	 PISTON SET	 RINGS	 PIN	 BUSHING	 FLANGED	 NO FLANGE	 LINER KIT SET
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GENERAL MOTORS				GASOLINE APPLICATION				TEIKIN NO.
N18XFH Tornado 2010-2016 SOHC 8 Vál. LJ1 MPFI	1796 cc 4 cyl.	Ø 80.50 -1.2 CD 24.10 TL 44.70	2 - 1.2 1 - 2.0	Ø 18.000 TL 56.00				
		TEIKIN NO. 58136	TEIKIN NO. R 58136	TEIKIN NO. P 30104				
Surface Treatment Chromated Moly Skirt		Bore Clearance MRC: 0.030 mm MP: 9.00 mm		REFERENCE NO. 933 957 17 933 957 18 933 957 19 933 957 21 M-E14195	REFERENCE NO. KS: 800038910000 KS: 800038940000 MAHLE: 01202N0 MAHLE: A14195			

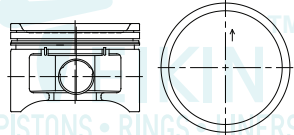
25

GENERAL MOTORS				GASOLINE APPLICATION				TEIKIN NO.
2.0L Optra 04-11 Forenza 04-08 Daewoo Nubira 99-02 Reno 05-08	1998 cc 4 cyl.	Ø 86.00 -5.9 CD 30.20 TL 55.30	1 - 1.2 1 - 1.5 1 - 2.5	Ø 21.000 TL 66.00				
		TEIKIN NO. 58131		TEIKIN NO. P 44121				
Surface Treatment Tin Coated		Bore Clearance MRC: 0.030 mm MP: 12.00 mm		REFERENCE NO. 92067480				

26

GENERAL MOTORS				GASOLINE APPLICATION				TEIKIN NO.
3.1L MALIBU 97-04 155 CP	6 cyl.	Ø 89.00 -6.6 CD 37.80 TL 59.90	1 - 1.2 1 - 1.5 1 - 3.0	Ø 23.000 TL 56.00				
		TEIKIN NO. 58125		TEIKIN NO. P 34129				
Surface Treatment Tin Coated Moly Skirt		Bore Clearance MRC: 0.030 mm MP: 7.50 mm		REFERENCE NO.				

27

GENERAL MOTORS				GASOLINE APPLICATION				TEIKIN NO.
VENTURE 3.4 V6	6 cyl.	Ø 92.00 -6.5 CD 37.80 TL 62.90	1 - 1.2 1 - 1.5 1 - 3.0	Ø 23.000 TL 56.00				
		TEIKIN NO. 58124		TEIKIN NO. P 34129				
Surface Treatment Tin Coated Moly Skirt		Bore Clearance MRC: 0.030 mm MP: 10.00 mm		REFERENCE NO.				

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ADDENDUM TO TEIKIN CATALOG VOL. 19 DATED MARCH 31, 2020

 ENGINE TYPE	 PISTON SET	 RINGS	 PIN	 BUSHING	 FLANGED NO FLANGE	 LINER KIT SET
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GENERAL MOTORS				GASOLINE APPLICATION			
4.2L TrailBlazer, Envoy 02-05 Oldsmobile Bravada 02-04 Buick Rainer 04-05 Isuzu Ascender 03-06 6 cyl.	$\emptyset$ 93.00 +2.3 CD 27.90 TL 52.10	1 - 1.2 1 - 1.5 1 - 2.5	$\emptyset$ 23.000 TL 65.00 				TEIKIN NO.
	TEIKIN NO.		TEIKIN NO.				
	58132		P G2104				
	REFERENCE NO.						
Surface Treatment Bore Clearance Chromated MRC: 0.030 mm Moly Skirt MP: 8.00 mm							29

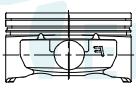
GENERAL MOTORS				GASOLINE APPLICATION			
LY7 3564 cc 6 cyl.	$\emptyset$ 94.00 -3.1 CD 32.10 TL 55.00	1 - 1.2 1 - 1.5 1 - 2.5	$\emptyset$ 24.000 TL 61.00 				TEIKIN NO.
	TEIKIN NO.		TEIKIN NO.				
	58126		P 46300				
	REFERENCE NO.						
Surface Treatment Bore Clearance Moly Skirt MRC: 0.030 mm MP: 8.50 mm							30

GENERAL MOTORS				GASOLINE APPLICATION			
4.8L-II Express 2500, 3500 10-15 Savana 2500, 3500 10-15 Silverado 1500 10-13 Sierra 1500 10-13 OHV 16 Val. Flex Fuel 8 cyl.	$\emptyset$ 96.01 -4.6 CD 34.00 TL 59.60	2 - 1.5 1 - 3.0	$\emptyset$ 23.955 TL 65.00 				TEIKIN NO.
	TEIKIN NO.		TEIKIN NO.				
	58134		P 58123				
	REFERENCE NO.						
Surface Treatment Bore Clearance Chromated MRC: 0.030 mm Moly Skirt MP: 11.00 mm							31

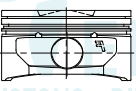
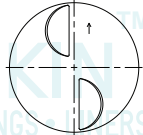
GENERAL MOTORS				GASOLINE APPLICATION			
3.9L Uplander 06-08 Montecarlo 2006 Pontiac G6 06-09 Impala, Malibu 06-07 Buick Terreza 06-07 6 cyl.	$\emptyset$ 99.00 -4.1 CD 33.20 TL 56.20	1 - 1.2 1 - 1.5 1 - 2.5	$\emptyset$ 23.955 TL 65.00 				TEIKIN NO.
	TEIKIN NO.		TEIKIN NO.				
	58129		P 58123				
	REFERENCE NO.						
Surface Treatment Bore Clearance Moly Skirt MRC: 0.030 mm MP: 8.50 mm							32

ADDENDUM TO TEIKIN CATALOG VOL. 19 DATED MARCH 31, 2020

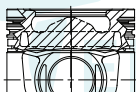
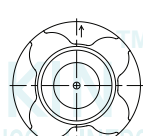
 ENGINE TYPE	 PISTON SET	 RINGS	 PIN	 BUSHING	 FLANGED	 NO FLANGE	 LINER KIT SET
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GENERAL MOTORS				GASOLINE APPLICATION				TEIKIN NO.
VORTEC VIN 6 Silverado 1500, 2500 Suburban 2500 Sierra 1500, 2500 Yukon 1500, 2500 Corvette 05-07		8 cyl.	Ø 101.60 CD 34.00 TL 55.90	1 - 1.2 1 - 1.5 1 - 2.5	Ø 23.955 TL 65.00 			
 			TEIKIN NO. 58138		TEIKIN NO. P 58123			
Surface Treatment Chromated Moly Skirt		Bore Clearance MRC: 0.030 mm MP: 7.50 mm	REFERENCE NO. 19178305					

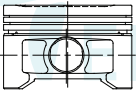
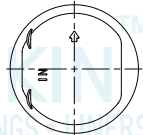
33

GENERAL MOTORS				GASOLINE APPLICATION				TEIKIN NO.
ESCALADE Silverado 1500 19-11 Tahoe 08-09 Sierra 1500, Yukon 07-11 Cadillac Escalade 07-11 Hummer H2 08-09		8 cyl.	Ø 103.25 CD 34.00 TL 55.90	2 - 1.5 1 - 2.5	Ø 23.955 TL 65.00 			
 			TEIKIN NO. 58135	TEIKIN NO. R 58135	TEIKIN NO. P 58123			
Surface Treatment Chromated Moly Skirt		Bore Clearance MRC: 0.030 mm MP: 7.50 mm	REFERENCE NO. 19178597	REFERENCE NO. 19168090 M-42082CP				

34

GENERAL MOTORS				DIESEL APPLICATION				TEIKIN NO.
LWN 2.8L VGT GMC Canyon, Savana 16-18 Colorado, Express 16-18 Isuzu Mu-X (Thailand) Chevrolet Trailblazer LWN 2.8L VGT Diesel 16-18		2776 cc 4 cyl.	Ø 94.00 CD 52.00 TL 80.00	1 - 2.0 HK 1 - 1.5 1 - 2.0	Ø 32.000 TL 75.00 			
 			TEIKIN NO. 58128AG		TEIKIN NO. P 43678			
Surface Treatment Moly Skirt		Bore Clearance MRC: 0.050 mm MP: 11.00 mm	REFERENCE NO. 12674046					

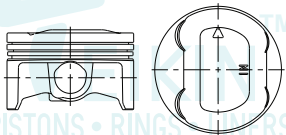
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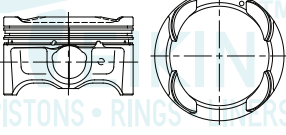
HONDA				GASOLINE APPLICATION				TEIKIN NO.
D16W7 HONDA CIVIC - CRV (01-) SOCH 16V		1590 cc 4 cyl.	Ø 75.00 CD 29.20 TL 48.80	1 - 1.0 1 - 1.2 1 - 2.0	Ø 19.000 TL 56.00			
 			TEIKIN NO. 38207	TEIKIN NO. R 38170	TEIKIN NO. P 38145			
Surface Treatment None		Bore Clearance MRC: 0.030 mm MP: 6.50 mm	REFERENCE NO. 13010-PLH-G00 13020-PLH-G00 13030-PLH-G00	REFERENCE NO. 13011-PLM-A00 13011-PLR-004 13011-PLR-A00 13011-PLK-004				

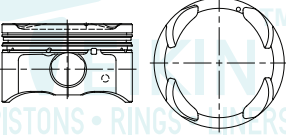
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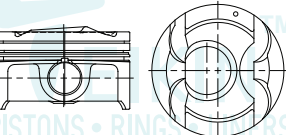
ADDENDUM TO TEIKIN CATALOG VOL. 19 DATED MARCH 31, 2020

 ENGINE TYPE	 PISTON SET	 RINGS	 PIN	 BUSHING	 FLANGED	 NO FLANGE	 LINER KIT SET
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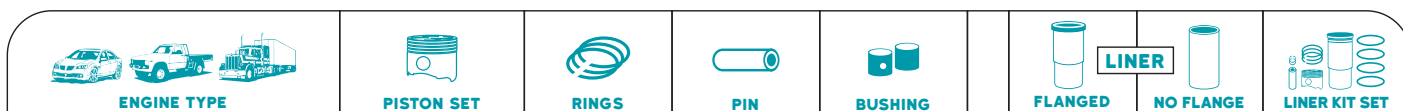
HONDA				GASOLINE APPLICATION				TEIKIN NO.
R16A	1595 cc	Ø 81.00	2 - 1.2	Ø 19.960				
CIVIC 06-11 SOHC 16V	4 cyl.	+2.0		TL 46.00				
		CD 28.60 TL 51.00	1 - 2.0					
Surface Treatment Bore Clearance								
Moly Skirt	MRC: 0.030 mm MP: 8.00 mm							
		TEIKIN NO.	TEIKIN NO.	TEIKIN NO.				
		38208	R 38659	P 38186				
		REFERENCE NO.	REFERENCE NO.					
		13010-RNF-E00 13010-RNF-E04 13010-RNV-M00	13011-RNA-A01/2 13011-RNB-A01 13021-RNA-A01/2					
								37

HYUNDAI				GASOLINE APPLICATION				TEIKIN NO.
KAPPA 1.25 MPI	1248 cc	Ø 71.00	1 - 1.0	Ø 18.000				
HYUNDAI i10	4 cyl.	-3.0	1 - 1.2	TL 47.50				
		CD 24.70 TL 42.70	1 - 2.0					
Surface Treatment Bore Clearance								
Tin Coated Moly Skirt	MRC: 0.030 mm MP: 7.50 mm							
		TEIKIN NO.	TEIKIN NO.	TEIKIN NO.				
		51156	R 51140	P 30110				
		REFERENCE NO.	REFERENCE NO.					
		23041 03330 23041 03340 23041 03350	23040-03000					
								38

HYUNDAI				GASOLINE APPLICATION				TEIKIN NO.
G4LA-II	1248 cc	Ø 71.00	1 - 1.0	Ø 18.000				
	4 cyl.	-3.0	1 - 1.2	TL 47.50				
		CD 24.70 TL 42.70	1 - 2.0					
Surface Treatment Bore Clearance								
Tin Coated Moly Skirt	MRC: 0.030 mm MP: 6.00 mm							
		TEIKIN NO.	TEIKIN NO.	TEIKIN NO.				
		51157	R 51140	P 30110				
		REFERENCE NO.	REFERENCE NO.					
		23041 03230 23041 03240 23041 03250	23040-03000 23040-03050					
								39

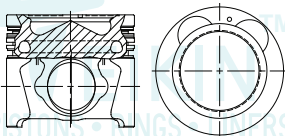
HYUNDAI				GASOLINE APPLICATION				TEIKIN NO.
G4FJ	1591 cc	Ø 77.00	2 - 1.2	Ø 18.000				
ACCENT i30 ~ i40 ~ IX35 TUCSON ~ VELOSTER KIA DOHC 16V	4 cyl.	+3.0		TL 53.00				
		CD 26.90 TL 48.00	1 - 2.0					
Surface Treatment Bore Clearance								
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 7.00 mm							
		TEIKIN NO.	TEIKIN NO.	TEIKIN NO.				
		51155	R 51155	P 46332				
		REFERENCE NO.	REFERENCE NO.					
		23041 2B600 23041 2B610 23041 2B620	23040-2B600 23040-2B650 23040-2B800					
								40

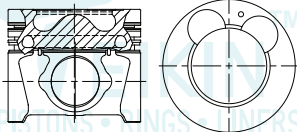
ADDENDUM TO TEIKIN CATALOG VOL. 19 DATED MARCH 31, 2020



HYUNDAI				GASOLINE APPLICATION						
G4FA-II		1396 cc	Ø 77.00	2 - 1.2	Ø 18.000					TEIKIN NO.
GAMMA DOHV HYUNDAI ACCENT 2014-2015		4 cyl.	+1.7		TL 53.00					
		CD 26.90		1 - 2.0						
		TL 45.60								
		TEIKIN NO.			TEIKIN NO.					
		51159			P 46332					
Surface Treatment		Bore Clearance								
Tin Coated		MRC: 0.030 mm								
Moly Skirt		MP: 6.50 mm								
		REFERENCE NO.								
		23041 2B705								

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HYUNDAI				DIESEL APPLICATION					
i10 GRAND		Ø 75.00 -11.9 CD 41.90 TL 65.70	2 - 1.75 1 - 3.0	Ø 28.000 TL 62.00 				TEIKIN NO.	
3 cyl.									
									
Surface Treatment		Bore Clearance		TEIKIN NO.		TEIKIN NO.		40	
Moly Skirt		MRC: 0.050 mm MP: 7.00 mm		51158AG		P 51150			
REFERENCE NO.									

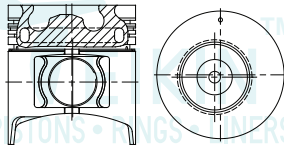
HYUNDAI					DIESEL APPLICATION				
D4FB 1582 cc		Ø 77.20 -12.7 CD 41.90 TL 65.70	2 - 1.75 1 - 3.0	Ø 28.000 TL 64.00 	TL OD FT FD	140.0 81.2 3.0 83.0	140.0 81.2	TEIKIN NO.	
1.6L CRDi DOHC 16v 10/2007 ACCENT ~ ECANTRA I20 ~ I30 ~ I30CW								LKSF 51154AG LKSX 51154AG	
									
		TEIKIN NO. 51154AG	TEIKIN NO. R 51154	TEIKIN NO. P 51154	TEIKIN NO. B 51154	TEIKIN NO. LSF 51154 LSX 51154			
						Surface Treatment None			
Surface Treatment Moly Skirt		REFERENCE NO. 23410-2A967 23410-2A957 23410-2A977 23410-2A987 23410-2A997		REFERENCE NO. 23040-2A903 23040-2A913 23040-2A923 23040-2A960/1/2		REFERENCE NO. 23517-2A700		REFERENCE NO.	
Bore Clearance MRC: 0.030 mm MP: 8.00 mm									

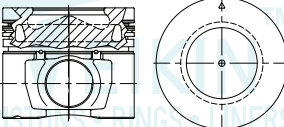
43

ISUZU				GASOLINE APPLICATION						
6VD1-IV		3165 cc	Ø 93.40	2 - 1.5	Ø 22.000					TEIKIN NO.
PICK UP TFR/TFS (97-) DOHC 24V		6 cyl.	-2.0		TL 66.00					
		CD 33.40		1 - 3.0						
		TL 57.00								

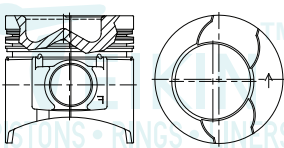
ADDENDUM TO TEIKIN CATALOG VOL. 19 DATED MARCH 31, 2020

 ENGINE TYPE	 PISTON SET	 RINGS	 PIN	 BUSHING	 FLANGED	 NO FLANGE	 LINER KIT SET
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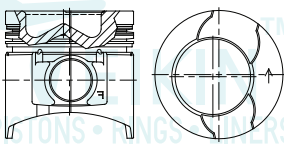
ISUZU				DIESEL APPLICATION				
6HE1-T-II 7127 cc 6 cyl.  Surface Treatment Tin Coated Bore Clearance MRC: 0.110 mm MP: 34.00 mm	Ø 110.00 -23.0 CD 66.10 TL 119.70	1 - 3.9 FK 1 - 3.0 1 - 2.5 1 - 3.0	Ø 40.000 TL 87.00 		TL 210.0 OD 113.0 FT 5.6 + 0.4 FD 119.7	TEIKIN NO. LKFF 39683AG LKSF 39683AG		
	TEIKIN NO. 39683AG	TEIKIN NO. R 39663	TEIKIN NO. P 39665	TEIKIN NO. B 39663	TEIKIN NO. LFF 39663* LSF 39663			
					Surface Treatment *Phosphate (PH)			
	REFERENCE NO. 8-94391-605-0	REFERENCE NO. 8-94390-529-1 8-94395-061-3 8-94395-061-4 8-94395-061-5		REFERENCE NO. 8-94394-613-0	REFERENCE NO. 8-94391-600-0 8-94391-601-0			
								45

ISUZU				DIESEL APPLICATION				
4HK1-TC5193 cc		Ø115.00	1 - 3.0 HK	Ø40.000		TL210.0	TEIKIN NO.	
ELF400/450 ~ NPR ~ NPS ~ NQR 1994-		4 cyl. -18.8	1 - 2.5	TL87.00		OD118.0	LKFF 39244AG	
		CD66.10	1 - 4.0			FT6.0	LKSF 39244AG	
		TL96.60				FD123.7		
		TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
		39244AG	R 39653	P 39671	B 39671	LFF 39671* LSF 39671		
						Surface Treatment		
						*Phosphate (PH)		
Surface Treatment		REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
Bore Clearance		8-97602-800-0	8-97105-867-0 8-97219-054-0 8-98055-478-0		8-94391-794-0	8-98014-046-0 8-98014-047-0		
Moly Skirt		MRC: 0.030 mm MP: 5.00 mm						

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KOMATSU				DIESEL APPLICATION				
S6D95 1 cyl.  Surface Treatment: None Bore Clearance: MRC: 0.060 mm MP: 21.40 mm	Ø 95.00 CD 51.20 TL 94.20 -19.6	1 - 2.5 FK 1 - 2.3 HK 1 - 4.0	Ø 30.000 TL 74.00 	TL OD FT FD	180.0 98.0 4.0 104.0	TEIKIN NO. LKFF 64101A-1		
	TEIKIN NO. 64101A-1	TEIKIN NO. R 64101	TEIKIN NO. P 44630	TEIKIN NO. B 64101	TEIKIN NO. LFF 64605*			
						Surface Treatment *Phosphate (PH)		
	REFERENCE NO. 6207-31-2141	REFERENCE NO. 6207-31-2400 6207-31-2500 6207-31-2501		REFERENCE NO. 6206-31-3130 6207-31-3130	REFERENCE NO. 6207-21-2110 6207-21-2120 6207-21-2121			

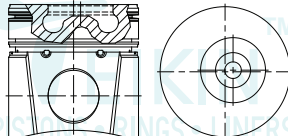
47

KOMATSU					DIESEL APPLICATION				
S6D954890 cc 6 cyl.  Surface Treatment: None Bore Clearance: MRC: 0.060 mm MP: 21.40 mm	Ø95.00 CD 51.20 TL 94.20	1 - 2.5 FK 1 - 2.3 HK 1 - 4.0	Ø 30.000 TL 74.00 		TL 180.0 OD 98.0 FT 4.0 FD 104.0		TEIKIN NO. LKFF 64101A		
	TEIKIN NO. 64101A	TEIKIN NO. R 64101	TEIKIN NO. P 44630	TEIKIN NO. B 64101	TEIKIN NO. LFF 64605*				
					Surface Treatment *Phosphate (PH)				
	REFERENCE NO. 6207-31-2141	REFERENCE NO. 6207-31-2400 6207-31-2500 6207-31-2501		REFERENCE NO. 6206-31-3130 6207-31-3130	REFERENCE NO. 6207-21-2110 6207-21-2120 6207-21-2121				

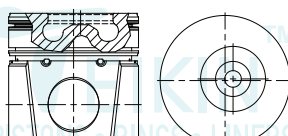
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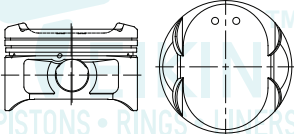
ADDENDUM TO TEIKIN CATALOG VOL. 19 DATED MARCH 31, 2020

 ENGINE TYPE	 PISTON SET	 RINGS	 PIN	 BUSHING	 FLANGED	 NO FLANGE	 LINER KIT SET
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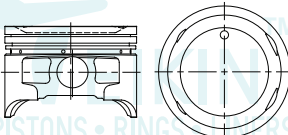
KOMATSU				DIESEL APPLICATION			
S6D102 1 cyl. 	Ø 102.00 -22.0 CD 71.60 TL 105.40	1 - 2.9 FK 1 - 2.4 1 - 4.0	Ø 40.000 TL 83.00 			200.0 104.5	TEIKIN NO. LKSX 64102A-1
	TEIKIN NO. 64102A-1	TEIKIN NO. R 64102	TEIKIN NO. P 64102	TEIKIN NO. B 64102	TEIKIN NO. LSX 64102		
					Surface Treatment None		
	REFERENCE NO. 6735-31-2111-0 6735-31-2110 6735-31-2140	REFERENCE NO. 6738-31-2030 6738-31-2031		REFERENCE NO. 6732-31-3130 6732-31-3131 6732-31-3132	REFERENCE NO. 6736-29-2110		
Surface Treatment None	Bore Clearance MRC: 0.100 mm MP: 10.00 mm						

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KOMATSU				DIESEL APPLICATION				
S6D102 5900 cc 6 cyl. 	Ø 102.00 -22.0 CD 71.60 TL 105.40	1 - 2.9 FK 1 - 2.4 1 - 4.0	Ø 40.000 TL 83.00 			200.0 104.5	TEIKIN NO. LKSX 64102A	
	TEIKIN NO. 64102A	TEIKIN NO. R 64102	TEIKIN NO. P 64102	TEIKIN NO. B 64102	TEIKIN NO. LSX 64102			
					Surface Treatment None			
	REFERENCE NO. 6735-31-2111-0 6735-31-2110 6735-31-2140	REFERENCE NO. 6738-31-2030 6738-31-2031		REFERENCE NO. 6732-31-3130 6732-31-3131 6732-31-3132	REFERENCE NO. 6736-29-2110			
Surface Treatment None	Bore Clearance MRC: 0.100 mm MP: 10.00 mm							
							50	

MITSUBISHI				GASOLINE APPLICATION			
4A91 MIVEC		Ø 75.00 +3.6	1 - 1.0 1 - 1.2 1 - 2.0	Ø 18.000 TL 50.00			TEIKIN NO.
4 cyl.		CD 25.90 TL 49.60					
		TEIKIN NO. 43303		TEIKIN NO. P 45136			
REFERENCE NO. 1110D300							
Surface Treatment	Bore Clearance						
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 8.00 mm						

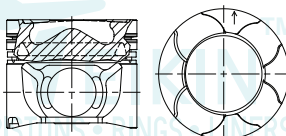
51

MITSUBISHI				GASOLINE APPLICATION				TEIKIN NO.
4G18-II		Ø 76.00 -3.7		1 - 1.2	Ø 18.000			
4 cyl.		CD 26.50		1 - 1.5	TL 58.00			
TL 52.50				1 - 2.8				
		TEIKIN NO.			TEIKIN NO.			
		43302			P 44687			
REFERENCE NO.								
MD345934								
Surface Treatment		Bore Clearance						
None		MRC: 0.030 mm						
		MP: 15.00 mm						

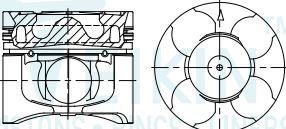
52

ADDENDUM TO TEIKIN CATALOG VOL. 19 DATED MARCH 31, 2020

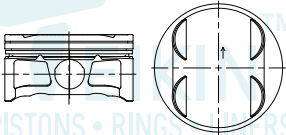
 ENGINE TYPE	 PISTON SET	 RINGS	 PIN	 BUSHING	 LINER FLANGED	 NO FLANGE	 LINER KIT SET
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MITSUBISHI					DIESEL APPLICATION				
4N152442 cc		Ø86.00	1 - 2.0 HK	Ø32.000		TL163.0	163.0	TEIKIN NO.	
L200 MONTERO SPORT PAJERO SPORT 2015		4 cyl. -16.5	1 - 1.5	TL70.00		OD89.0	89.0	LKSF 43301AG	
		CD47.80				FT2.9		LKXS 43301AG	
		TL71.50	1 - 2.0			FD94.0			
		TEIKIN NO. 43301AG	TEIKIN NO. R 43301	TEIKIN NO. P 42185		TEIKIN NO. LSF 43301 LSX 43301			
						Surface Treatment None			
Surface TreatmentBore Clearance		REFERENCE NO. 1110D114 1110D115 1110D116	REFERENCE NO. 1110C712			REFERENCE NO.			
Moly Skirt Anodized Crown		MRC: 0.030 mm MP: 5.50 mm							

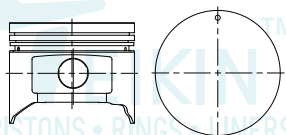
53

MITSUBISHI				DIESEL APPLICATION				
4D56T CRDi-II		2476 cc	Ø 91.10	1 - 2.5 HK	Ø 32.000	TL 165.0	165.0	TEIKIN NO.
NATIVA		4 cyl.	-19.0	1 - 2.0 HK	TL 75.00	4.0	94.2	LKFX 43300AG
L200			CD 48.20		FD 98.1		94.2	LKSF 43300AG
PAJERO SPORT			TL 78.20					
2010								
								
*Right Side Shown								
TEIKIN NO.		TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
43300AG		R 43300	P 43678	B 43672	LFX 43171			
					LSF 43171			
					LSX 43171			
					Surface Treatment			
					None			
REFERENCE NO.		REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
1110C313 (R/L)		1110B977			MD050430			
1110C314		1110B978			MD103648			
1110C315		1110B979			MD168963			
1110C316								
1110C317								
Surface Treatment		Bore Clearance						
Tin Coated		MRC: 0.030 mm						
		MP: 10.00 mm						

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NISSAN				GASOLINE APPLICATION				
VQ35DE-III		Ø 95.50 -0.2	2 - 1.2	Ø 22.000 TL 55.00				TEIKIN NO.
Altima Pathfinder 2009-2017		CD 29.50 TL 49.70	1 - 2.0					
		TEIKIN NO.		TEIKIN NO.				
		44360		P 48102				
REFERENCE NO.								
Surface Treatment	Bore Clearance							
Chromated Moly Skirt	MRC: 0.030 mm MP: 7.00 mm							

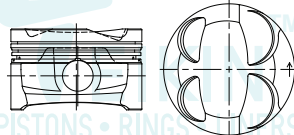
55

NISSAN				GASOLINE APPLICATION				
TB45DE/TB48DE		Ø 99.50	1 - 2.0 1 - 1.5 1 - 4.0	Ø 22.990 TL 65.00				TEIKIN NO.
4 cyl.		CD 40.30 TL 80.00						
		TEIKIN NO.	TEIKIN NO.	TEIKIN NO.				
		44347-4	R 44347	P 44347				
REFERENCE NO.		REFERENCE NO.						
A2010-VB08B A2010-VC28B								
Surface Treatment	Bore Clearance							
Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 20.00 mm							

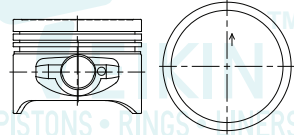
56

ADDENDUM TO TEIKIN CATALOG VOL. 19 DATED MARCH 31, 2020

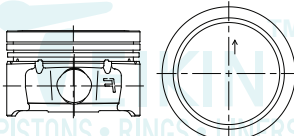
 ENGINE TYPE	 PISTON SET	 RINGS	 PIN	 BUSHING	 FLANGED	 NO FLANGE	 LINER KIT SET
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PEUGEOT				GASOLINE APPLICATION				TEIKIN NO.
EP6C 1598 cc MINI Club Man, One, Cooper Peugeot 207, 208, 308, 3008 DOHC 16V	4 cyl.	Ø 77.00 -2.0 CD 27.50 TL 47.50	1 - 1.2 1 - 1.5 1 - 2.0	Ø 18.000 TL 43.00 				
 PISTONS • RINGS • LINERS		TEIKIN NO. 67108	TEIKIN NO. R 67108	TEIKIN NO. P 42224				
		REFERENCE NO. 0628.T1	REFERENCE NO. KS : 800115910000					
Surface Treatment Moly Skirt	Bore Clearance MRC: 0.030 mm MP: 5.00 mm							

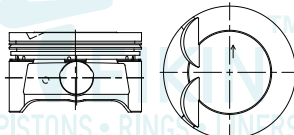
57

PEUGEOT				GASOLINE APPLICATION				TEIKIN NO.
1.6L	4 cyl.	Ø 78.50 -0.3 CD 32.20 TL 57.50	2 - 1.5 1 - 3.0	Ø 19.490 TL 62.00				
 PISTONS • RINGS • LINERS		TEIKIN NO. 67104		TEIKIN NO. P 67104				
		REFERENCE NO.						
Surface Treatment None	Bore Clearance MRC: 0.030 mm MP: 9.50 mm							

58

PEUGEOT				GASOLINE APPLICATION				TEIKIN NO.
TU5JP4 1587 cc 206 01-11 Grand Raid 07-11 207 Compact 09-11 Partner 04-11 DOHC 16V	4 cyl.	Ø 78.50 +0.2 CD 32.30 TL 50.20	1 - 1.2 1 - 1.5 1 - 2.5	Ø 19.490 TL 56.80				
 PISTONS • RINGS • LINERS		TEIKIN NO. 67106		TEIKIN NO. P 67106				
		REFERENCE NO. 0628.N2						
Surface Treatment Tin Coated	Bore Clearance MRC: 0.030 mm MP: 5.50 mm							

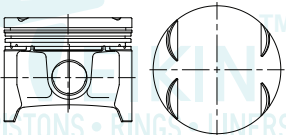
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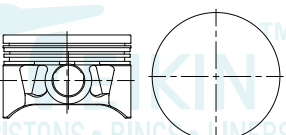
PEUGEOT				GASOLINE APPLICATION				TEIKIN NO.
EW10A 1998 cc 307 CC 06-10 307 SEDAN 07-10 307 Xsi, X LINE-FELINE 06-10 DOHC 16V	4 cyl.	Ø 85.00 +0.2 CD 29.00 TL 51.20	1 - 1.2 1 - 1.5 1 - 2.5	Ø 21.000 TL 56.00				
 PISTONS • RINGS • LINERS		TEIKIN NO. 67107	TEIKIN NO. R 67107	TEIKIN NO. P 38151				
		REFERENCE NO. 0628.R7 0628 T8	REFERENCE NO. KS : 800059240000 MAHLE : 04016N0					
Surface Treatment Moly Skirt	Bore Clearance MRC: 0.030 mm MP: 9.50 mm							

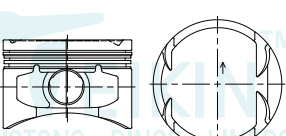
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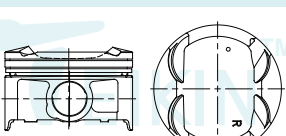
ADDENDUM TO TEIKIN CATALOG VOL. 19 DATED MARCH 31, 2020

 ENGINE TYPE	 PISTON SET	 RINGS	 PIN	 BUSHING	 FLANGED LINER NO FLANGE	 LINER KIT SET
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RENAULT				GASOLINE APPLICATION				TEIKIN NO.
K4J 4 cyl. 	Ø 79.50 -2.2	2 - 1.5	Ø 19.990 TL 61.50					
	CD 37.20 TL 64.60	1 - 2.5						
	TEIKIN NO. 70108	TEIKIN NO. R 70600	TEIKIN NO. P 42662					
	REFERENCE NO. 77 01 474 903 77 01 474 904 77 01 474 905	REFERENCE NO. 77 01 473 223 77 01 473 857 KS: 800053040000 MAHLE: 02202N0						
Surface Treatment Tin Coated	Bore Clearance MRC: 0.030 mm MP: 10.50 mm							61

RENAULT				GASOLINE APPLICATION				TEIKIN NO.
K7M-III 4 cyl. 	Ø 79.50	2 - 1.5	Ø 18.990 TL 62.00					
	CD 28.30 TL 51.60	1 - 2.5						
	TEIKIN NO. 70109		TEIKIN NO. P 44653					
	REFERENCE NO. 120A14466R							
Surface Treatment Tin Coated Moly Skirt	Bore Clearance MRC: 0.030 mm MP: 11.00 mm							62

RENAULT				GASOLINE APPLICATION				TEIKIN NO.
2.0L-III SOLO CLIO SPORT 4 cyl. 	Ø 82.70 -0.6	1 - 1.2 1 - 1.5 1 - 2.0	Ø 21.000 TL 61.50 					
	CD 30.20 TL 56.80							
	TEIKIN NO. 70106		TEIKIN NO. P 56104					
	REFERENCE NO. 77 00 112 313							
Surface Treatment Tin Coated	Bore Clearance MRC: 0.030 mm MP: 10.50 mm							63

SUBARU				GASOLINE APPLICATION				TEIKIN NO.
FB20 1995 cc IMPREZA 4 cyl. 	Ø 84.00 +3.6	2 - 1.0 1 - 2.0	Ø 22.000 TL 52.00 					
	CD 30.90 TL 55.30							
	TEIKIN NO. 55110		TEIKIN NO. P 55106					
	REFERENCE NO. 12013AB490 (R) 12018AB490 (L)							
Surface Treatment Moly Skirt	Bore Clearance MRC: 0.030 mm MP: 8.50 mm							64

ADDENDUM TO TEIKIN CATALOG VOL. 19 DATED MARCH 31, 2020

 ENGINE TYPE	 PISTON SET	 RINGS	 PIN	 BUSHING	 FLANGED LINER NO FLANGE LINER KIT SET
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SUBARU				GASOLINE APPLICATION				TEIKIN NO.
FB20-II 1995 cc 4 cyl.	Ø 84.00 ^{+2.1} CD 30.90 TL 53.90	2 - 1.0 1 - 2.0	Ø 22.000 TL 52.00 					
	TEIKIN NO. 55111		TEIKIN NO. P 55106					
	REFERENCE NO. 12013AB810 (R) 12018AB810 (L)							
	Surface Treatment Bore Clearance Moly Skirt MRC: 0.030 mm MP: 10.00 mm							
								65

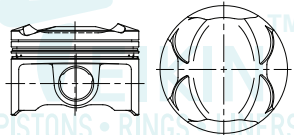
SUZUKI				GASOLINE APPLICATION				TEIKIN NO.
K15B SUZUKI ALL NEW ERTIGA 4 cyl.	Ø 74.00 ^{-3.5} CD 26.00 TL 43.30	1 - 1.0 1 - 1.2 1 - 2.0	Ø 18.000 TL 47.50 					
	TEIKIN NO. 45156		TEIKIN NO. P 30110					
	REFERENCE NO. 12111-73R00-000							
	Surface Treatment Bore Clearance Moly Skirt MRC: 0.030 mm MP: 4.00 mm							
								66

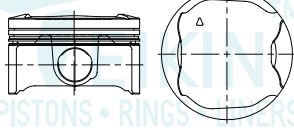
SUZUKI				GASOLINE APPLICATION				TEIKIN NO.
K15B-C New Carry Pick-Up 4 cyl.	Ø 74.00 ^{-4.9} CD 26.00 TL 43.30	1 - 1.0 1 - 1.2 1 - 2.0	Ø 18.000 TL 47.50 					
	TEIKIN NO. 45158		TEIKIN NO. P 30110					
	REFERENCE NO. 12111-52S00-000							
	Surface Treatment Bore Clearance Moly Skirt MRC: 0.030 mm MP: 6.50 mm							
								67

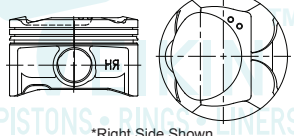
SUZUKI				GASOLINE APPLICATION				TEIKIN NO.
M16A 4 cyl.	Ø 78.00 ^{-1.8} CD 29.80 TL 47.30	2 - 1.0 1 - 2.0	Ø 20.000 TL 43.00 					
	TEIKIN NO. 45157		TEIKIN NO. P 45157					
	REFERENCE NO. 12100-54880							
	Surface Treatment Bore Clearance Moly Skirt MRC: 0.030 mm MP: 6.50 mm							
								68

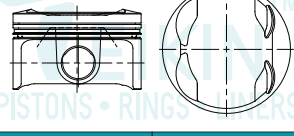
ADDENDUM TO TEIKIN CATALOG VOL. 19 DATED MARCH 31, 2020

 ENGINE TYPE	 PISTON SET	 RINGS	 PIN	 BUSHING	 LINER FLANGED	 NO FLANGE	 LINER KIT SET
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TOYOTA				GASOLINE APPLICATION				TEIKIN NO.
2NR-FE 4 cyl. 	Ø 72.50 ^{+3.8} CD 30.20 TL 52.00	2 - 1.0 1 - 2.0	Ø 18.000 TL 53.00					
	TEIKIN NO. 46394		TEIKIN NO. P 46332					
	REFERENCE NO. 13101-0Y120							
	Surface Treatment Bore Clearance Moly Skirt MRC: 0.030 mm Anodized Crown MP: 6.00 mm 1st Ring Anodized							
								69

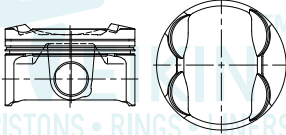
TOYOTA				GASOLINE APPLICATION				TEIKIN NO.
2ZR-FXE 1798 cc HYBRID, PRIUS HYBRID 2010-15 DOHC 16V L4 4 cyl. 	Ø 80.50 ^{+2.4} CD 28.60 TL 48.90	2 - 1.0 1 - 1.5	Ø 20.012 TL 50.00 					
	TEIKIN NO. 46398	TEIKIN NO. R 46382	TEIKIN NO. P 46334					
	REFERENCE NO. 13101-37120	REFERENCE NO. 13011-37090 13011-37130 13011-37140 13011-37160						
	Surface Treatment Bore Clearance Moly Skirt MRC: 0.030 mm Anodized Crown MP: 6.50 mm 1st Ring Anodized							
								70

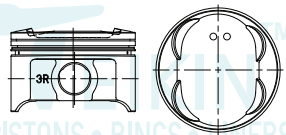
TOYOTA				GASOLINE APPLICATION				TEIKIN NO.
3GR-FSE 3000 cc LEXUS GS190 05-11 "D4" 05-11 6 cyl. 	Ø 87.50 ^{+2.1} CD 31.00 TL 54.10	2 - 1.2 1 - 2.0	Ø 22.000 TL 56.00 					
	TEIKIN NO. 46397	TEIKIN NO. R 46397	TEIKIN NO. P 34101					
	REFERENCE NO. 13101-31040-B0 (R) 13301-31010-B0 (L)	REFERENCE NO.						
	Surface Treatment Bore Clearance Moly Skirt MRC: 0.030 mm Anodized Crown MP: 5.00 mm 1st Ring Anodized							
								71

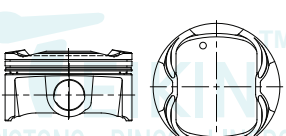
TOYOTA				GASOLINE APPLICATION				TEIKIN NO.
2AR-FXE 2494 cc 4 cyl. 	Ø 90.00 ^{+2.8} CD 34.90 TL 56.30	2 - 1.0 1 - 2.0	Ø 22.000 TL 56.00 					
	TEIKIN NO. 46400		TEIKIN NO. P 34101					
	REFERENCE NO. 13211-36060-B0							
	Surface Treatment Bore Clearance Moly Skirt MRC: 0.030 mm Anodized Crown MP: 6.00 mm 1st Ring Anodized							
								72

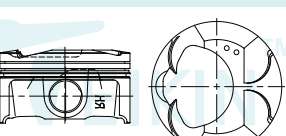
ADDENDUM TO TEIKIN CATALOG VOL. 19 DATED MARCH 31, 2020

 ENGINE TYPE	 PISTON SET	 RINGS	 PIN	 BUSHING	 FLANGED LINER NO FLANGE LINER KIT SET
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TOYOTA				GASOLINE APPLICATION				
2AR-FE 2494 cc 4 cyl.	Ø 90.00 ^{+3.4} CD 34.90 TL 56.80	2 - 1.0 1 - 2.0	Ø 22.000 TL 56.00 					TEIKIN NO.
		TEIKIN NO.	TEIKIN NO.	TEIKIN NO.				
	46693	R 46697	P 34101					
	REFERENCE NO. 13211-36032	REFERENCE NO. 13011-36020 13011-36030 13011-36070						
Surface Treatment Moly Skirt Anodized Crown 1st Ring Anodized	Bore Clearance MRC: 0.030 mm MP: 5.00 mm							73

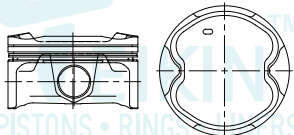
TOYOTA				GASOLINE APPLICATION				
3UZ-FE 8 cyl.	Ø 91.00 ^{+2.9} CD 33.90 TL 60.90	2 - 1.2 1 - 3.0	Ø 22.000 TL 62.00 					TEIKIN NO.
		TEIKIN NO.	TEIKIN NO.					
	46401		P 43222					
	REFERENCE NO. 13101-50090-02 (R) 13301-50080-02 (L)							
Surface Treatment Moly Skirt Anodized Crown	Bore Clearance MRC: 0.030 mm MP: 10.50 mm							74

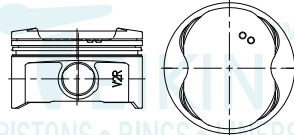
TOYOTA				GASOLINE APPLICATION				
2GR-FE 4 cyl.	Ø 94.00 ^{+2.1} CD 31.30 TL 52.50	2 - 1.2 1 - 2.0	Ø 22.000 TL 56.00 					TEIKIN NO.
		TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
	46363-4	R 46363	P 34101	B 46360				
	REFERENCE NO. 13101-31091 13101-31090 13101-31092	REFERENCE NO. 13011-31130		REFERENCE NO. 90999-73144				
Surface Treatment Moly Skirt Anodized Crown 1st Ring Anodized	Bore Clearance MRC: 0.030 mm MP: 5.50 mm							75

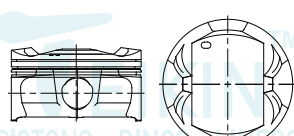
TOYOTA				GASOLINE APPLICATION				
2GR-FSE 3500 cc LEXUS GS190 05-11 6 cyl.	Ø 94.00 ^{+1.9} CD 31.30 TL 52.70	2 - 1.2 1 - 2.0	Ø 22.000 TL 56.00 					TEIKIN NO.
		TEIKIN NO.	TEIKIN NO.	TEIKIN NO.				
	46396	R 46396	P 34101					
	REFERENCE NO. 13101-31061-B0 (R) 13301-31031-B0 (L)	REFERENCE NO.						
Surface Treatment Moly Skirt Anodized Crown 1st Ring Anodized	Bore Clearance MRC: 0.030 mm MP: 6.50 mm							76

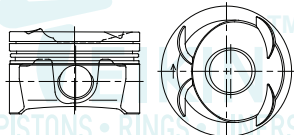
ADDENDUM TO TEIKIN CATALOG VOL. 19 DATED MARCH 31, 2020

 ENGINE TYPE	 PISTON SET	 RINGS	 PIN	 BUSHING	 FLANGED LINER NO FLANGE LINER KIT SET
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TOYOTA					GASOLINE APPLICATION				
1GR-FE-II 3955 cc 6 cyl. LAND CRUISER PRADO GRJ150 DOHC 24V (09--) 	Ø	94.00	2 - 1.2	Ø 22.000		TL		168.0	TEIKIN NO. LKSX 46703
		+2.4		TL 56.00		OD		98.0	
	CD 32.80		1 - 2.0			FT			
	TL 54.70					FD			
	TEIKIN NO.		TEIKIN NO.	TEIKIN NO.		TEIKIN NO.			
	46703		R 46368	P 34101		LSX 46272			
						Surface Treatment			
						None			
	REFERENCE NO.		REFERENCE NO.						
	13101-31120		13011-31100						
			13011-31210						
Surface Treatment	Bore Clearance								77
Moly Skirt	MRC: 0.030 mm								
Anodized Crown	MP: 6.50 mm								
1st Ring Anodized									

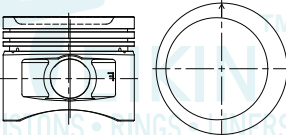
TOYOTA					GASOLINE APPLICATION				
2UZ-FE-II 4700 cc 8 cyl. LAND CRUISER 200 07 07-NEW 	Ø	94.00	2 - 1.2	Ø 22.000					TEIKIN NO.
		+2.5		TL 62.00					
	CD 33.90		1 - 3.0						
	TL 57.40								
	TEIKIN NO.		TEIKIN NO.	TEIKIN NO.					
	46395		R 46395	P 43222					
	REFERENCE NO.		REFERENCE NO.						
	13101-50082-02 (R)								
	13301-50072-02 (L)								
Surface Treatment	Bore Clearance								78
Moly Skirt	MRC: 0.030 mm								
Anodized Crown	MP: 3.50 mm								
1st Ring Anodized									

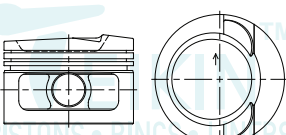
TOYOTA					GASOLINE APPLICATION				
1UR-FE 4608 cc 8 cyl. SEQUOIA 2012-12, TUNDRA PICKUP 2010-16 DOHC 32V V8 	Ø	94.00	2 - 1.2	Ø 22.000					TEIKIN NO.
		+1.9		TL 56.00					
	CD 31.10		1 - 2.0						
	TL 53.00								
	TEIKIN NO.			TEIKIN NO.					
	46399			P 34101					
	REFERENCE NO.								
	13101-0S020								
Surface Treatment	Bore Clearance								79
Moly Skirt	MRC: 0.030 mm								
Anodized Crown	MP: 7.00 mm								
1st Ring Anodized									

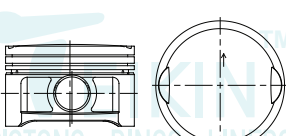
VOLKSWAGEN					GASOLINE APPLICATION				
1.4 TURBO 1390 cc 4 cyl. CAVD 	Ø	76.51	1 - 1.2	Ø 19.000					TEIKIN NO.
		+2.0	1 - 1.5	TL 52.00					
	CD 28.90		1 - 2.0						
	TL 49.90								
	TEIKIN NO.		TEIKIN NO.	TEIKIN NO.					
	48221		R 48221	P 44258					
	REFERENCE NO.		REFERENCE NO.						
	03C 107 065 CE								
Surface Treatment	Bore Clearance								80
Moly Skirt	MRC: 0.030 mm								
Anodized Crown	MP: 4.00 mm								
1st Ring Anodized									
2nd Ring Anodized									

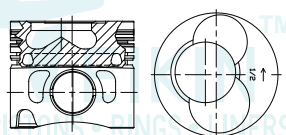
ADDENDUM TO TEIKIN CATALOG VOL. 19 DATED MARCH 31, 2020

 ENGINE TYPE	 PISTON SET	 RINGS	 PIN	 BUSHING	 FLANGED NO FLANGE	 LINER KIT SET
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VOLKSWAGEN				GASOLINE APPLICATION				TEIKIN NO.
AAF Eurovan Cargo Transporter T4 Eurovan Van  Surface Treatment Bore Clearance Chromated MRC: 0.030 mm Moly Skirt MP: 10.00 mm	5 cyl.	Ø 81.00 -4.7 CD 38.30 TL 64.40	1 - 1.75 1 - 2.0 1 - 3.0	Ø 24.000 TL 55.85 				
		TEIKIN NO. 48224		TEIKIN NO. P 48224				
		REFERENCE NO. 023107065A						
								81

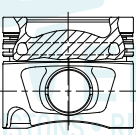
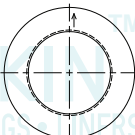
VOLKSWAGEN				GASOLINE APPLICATION				TEIKIN NO.
2.8L  Surface Treatment Bore Clearance Tin Coated MRC: 0.030 mm MP: 4.50 mm	6 cyl.	Ø 81.00 +2.1 CD 32.30 TL 55.70	1 - 1.5 1 - 1.75 1 - 3.0	Ø 20.000 TL 56.58 				
		TEIKIN NO. 48223		TEIKIN NO. P 42165				
		REFERENCE NO.						
								82

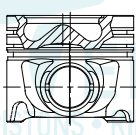
VOLKSWAGEN				GASOLINE APPLICATION				TEIKIN NO.
AMX Audi A4, A4 Quattro 98-03 Passat 4 Motion 97-00 Audi A6, A6 Quattro 98-03 Audi V6 2.8L DOHC APR VW V6 2.8L DOHC  Surface Treatment Bore Clearance Chromated MRC: 0.030 mm Moly Skirt MP: 6.50 mm	2771 cc 6 cyl.	Ø 82.50 +1.1 CD 30.20 TL 52.30	1 - 1.2 1 - 1.5 1 - 2.0	Ø 21.000 TL 56.00 				
		TEIKIN NO. 48225	TEIKIN NO. R 48225	TEIKIN NO. P 38151				
		REFERENCE NO. 078 107 065 AF 078 107 103 AF 078 107 103 AJ	REFERENCE NO. 053 107 3111/B 053 198 151 C 06A 198 151 D 06C 198 151 B					
								83

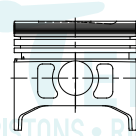
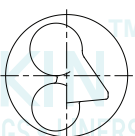
VOLKSWAGEN				DIESEL APPLICATION				TEIKIN NO.
AXB TURBO Eurovan (Diesel) 05-09 SOHC 8 Val. (TDI)  Surface Treatment Bore Clearance Moly Skirt MRC: 0.030 mm MP: 6.00 mm	1896 cc 4 cyl.	Ø 79.50 -17.9 CD 45.80 TL 68.80	1 - 1.85 1 - 2.0 1 - 3.0	Ø 26.000 TL 65.50 				
		TEIKIN NO. 48226AG	TEIKIN NO. R 48612	TEIKIN NO. P 48222				
		REFERENCE NO. 038 107 065 EL (CYL 1/2) 038 107 065 EM (CYL 3/4) 038 107 065 CH (CYL 1/2) 038 107 065 CJ (CYL 3/4) 038 107 065 EN (CYL 1/2)	REFERENCE NO. KS: 800000810000 KS: 800051640000 MAHLE: 03020N0 G-0811490000					
								84

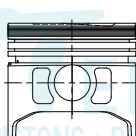
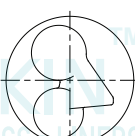
ADDENDUM TO TEIKIN CATALOG VOL. 19 DATED MARCH 31, 2020

 ENGINE TYPE	 PISTON SET	 RINGS	 PIN	 BUSHING	  FLANGED NO FLANGE	 LINER KIT SET
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VOLKSWAGEN				DIESEL APPLICATION			
2.0 LT TDI TRANSPORTA 4 cyl.	$\emptyset$ 81.00 -12.7 CD 45.80 TL 68.80	1 - 1.75 1 - 2.0 1 - 3.0	$\emptyset$ 26.000 TL 65.50 				TEIKIN NO.
	 	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
	*W/ Insert Bush REFERENCE NO. 03L 107 065 N 001	REFERENCE NO.					
	Surface Treatment Bore Clearance Moly Skirt MRC: 0.030 mm MP: 6.50 mm						
							85

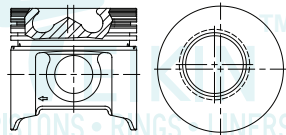
VOLKSWAGEN				DIESEL APPLICATION			
BJK TURBO Crafter (Diesel) 2008-2011 SOHC 10Vál. TDi (geometría variable) Crafter Van y Cargo 2461 cc 5 cyl.	$\emptyset$ 81.00 -16.5 CD 45.70 TL 68.00	1 - 2.5 1 - 2.0 1 - 3.0	$\emptyset$ 26.000 TL 65.50 				TEIKIN NO.
	 	TEIKIN NO.	TEIKIN NO.				
	*W/ Insert Bush REFERENCE NO. 076107065						
	Surface Treatment Bore Clearance Moly Skirt MRC: 0.030 mm MP: 5.50 mm						
							86

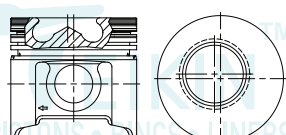
KUBOTA				STATIONERY & AGRICULTURE APPLICATION			
4D78 1 cyl.	$\emptyset$ 78.00 -1.8 CD 36.30 TL 69.50	1 - 2.0 HK 1 - 1.5 1 - 4.0	$\emptyset$ 22.000 TL 60.00 				TEIKIN NO.
	 	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
	REFERENCE NO. 16060-21114	REFERENCE NO.					
	Surface Treatment Bore Clearance Tin Coated MRC: 0.060 mm MP: 18.00 mm						
							87

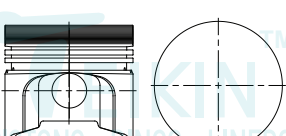
KUBOTA				STATIONERY & AGRICULTURE APPLICATION			
4D78 4 cyl.	$\emptyset$ 78.00 -1.8 CD 36.30 TL 69.50	1 - 2.0 HK 1 - 1.5 1 - 4.0	$\emptyset$ 22.000 TL 60.00 				TEIKIN NO.
	 	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
	REFERENCE NO. 16060-21114	REFERENCE NO.					
	Surface Treatment Bore Clearance Tin Coated MRC: 0.060 mm MP: 18.00 mm						
							88

ADDENDUM TO TEIKIN CATALOG VOL. 19 DATED MARCH 31, 2020

 ENGINE TYPE	 PISTON SET	 RINGS	 PIN	 BUSHING	 FLANGED NO FLANGE	 LINER KIT SET
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KUBOTA				STATIONERY & AGRICULTURE APPLICATION				TEIKIN NO.
D1503 1 cyl.  Surface Treatment Moly Skirt Bore Clearance MRC: 0.050 mm MP: 22.00 mm	Ø 83.00 -16.0 CD 43.50 TL 80.00	1 - 2.0 HK 1 - 2.0 1 - 4.0	Ø 25.000 TL 64.00 					
	TEIKIN NO. G0600A-1	TEIKIN NO. R G0600	TEIKIN NO. P 42601					
	REFERENCE NO. 1G770-21110	REFERENCE NO.						
								89

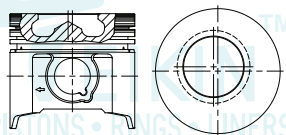
KUBOTA				STATIONERY & AGRICULTURE APPLICATION				TEIKIN NO.
D1503 1499 cc 3 cyl.  Surface Treatment Moly Skirt Bore Clearance MRC: 0.050 mm MP: 22.00 mm	Ø 83.00 -16.0 CD 43.50 TL 80.00	1 - 2.0 HK 1 - 2.0 1 - 4.0	Ø 25.000 TL 64.00 					
	TEIKIN NO. G0600A	TEIKIN NO. R G0600	TEIKIN NO. P 42601					
	REFERENCE NO. 1G770-21110	REFERENCE NO.						
								90

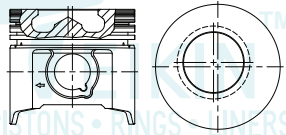
KUBOTA				STATIONERY & AGRICULTURE APPLICATION				TEIKIN NO.
4D85 1 cyl.  Surface Treatment Tin Coated Bore Clearance MRC: 0.070 mm MP: 20.00 mm	Ø 85.00 CD 43.40 TL 79.90	1 - 2.5 HK 1 - 2.0 1 - 5.0	Ø 23.000 TL 63.00 					
	TEIKIN NO. G0136-1		TEIKIN NO. P 51132					
	REFERENCE NO. 19439-21110 19439-21111							
								91

KUBOTA				STATIONERY & AGRICULTURE APPLICATION				TEIKIN NO.
4D85 4 cyl.  Surface Treatment Tin Coated Bore Clearance MRC: 0.070 mm MP: 20.00 mm	Ø 85.00 CD 43.40 TL 79.90	1 - 2.5 HK 1 - 2.0 1 - 5.0	Ø 23.000 TL 63.00 					
	TEIKIN NO. G0136		TEIKIN NO. P 51132					
	REFERENCE NO. 19439-21110 19439-21111							
								92

ADDENDUM TO TEIKIN CATALOG VOL. 19 DATED MARCH 31, 2020

 ENGINE TYPE	 PISTON SET	 RINGS	 PIN	 BUSHING	 FLANGED	 NO FLANGE	 LINER KIT SET
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KUBOTA				STATIONERY & AGRICULTURE APPLICATION				TEIKIN NO.
V2403T 1 cyl. 	Ø 87.00 -16.4 CD 43.50 TL 80.00	1 - 2.0 HK 1 - 2.0 1 - 4.0	Ø 25.000 TL 64.00 					
	TEIKIN NO. G0601A-1	TEIKIN NO. R G0601	TEIKIN NO. P 42601					
	REFERENCE NO. 1G924-2111	REFERENCE NO.						
Surface Treatment Moly Skirt	Bore Clearance MRC: 0.040 mm MP: 16.00 mm							93

KUBOTA				STATIONERY & AGRICULTURE APPLICATION				TEIKIN NO.
V2403T 2434 cc 4 cyl. 	Ø 87.00 -16.4 CD 43.50 TL 80.00	1 - 2.0 HK 1 - 2.0 1 - 4.0	Ø 25.000 TL 64.00 					
	TEIKIN NO. G0601A	TEIKIN NO. R G0601	TEIKIN NO. P 42601					
	REFERENCE NO. 1G924-2111	REFERENCE NO.						
Surface Treatment Moly Skirt	Bore Clearance MRC: 0.040 mm MP: 16.00 mm							94