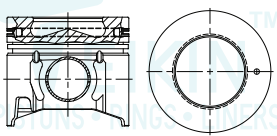
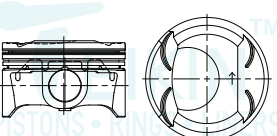


ADDENDUM TO TEIKIN CATALOG VOL. 22 DATED JUNE 30, 2022

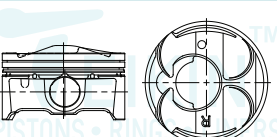
 ENGINE TYPE	 PISTON SET	 RINGS	 PIN	 BUSHING	 FLANGED NO FLANGE	 LINER KIT SET
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HINO			DIESEL APPLICATION				
J08E-II BLUE RIBBON RAINBOW RANGER (2010-) S'ELEGA 	6 cyl.	Ø 112.00 -18.8 CD 57.00 TL 100.00	1 - 2.5 1 - 2.0 1 - 4.0	Ø 37.000 TL 85.00 			
		TEIKIN NO. 36138AG		TEIKIN NO. P 36127			
		*W/ Insert Bush REFERENCE NO. S130B-E0391					
	Surface Treatment Moly Skirt	Bore Clearance MRC: 0.060 mm MP: 19.00 mm					

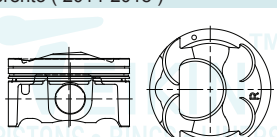
1

HYUNDAI			GASOLINE APPLICATION			
G4KH-II Santa FE (2019-2020) Santa Fe Sport (2016-2018) Sonata (2015-2019) Optima (2016-2020) Sorento (2015-2018) 	4 cyl.	Ø 86.00 +1.4	2 - 1.2 1 - 2.0	Ø 22.000 TL 58.00 		
		CD 30.00 TL 53.40				
		TEIKIN NO. 51174A		TEIKIN NO. P 43290		
		REFERENCE NO. 23410-2G470 23410-2G450 23410-2G460				
Surface Treatment	Bore Clearance					
Moly Skirt	MRC: 0.030 mm MP: 5.50 mm					

2

HYUNDAI			GASOLINE APPLICATION					
G6DG Aslan (2014-2017) Genesis 14 (2013-2016) Genesis/Rohens 07 (2008-2014) Grand Santa Fe (2016-2018) Grandeur HG (2010-2014)  *Right Side Shown	Ø	92.00 +5.7	2 - 1.2 1 - 2.0	Ø TL	22.000 58.00			
	CD	29.10						
	TL	55.70						
	TEIKIN NO. 51170			TEIKIN NO. P 43290				
	REFERENCE NO. 23041-3CEM0 (R) 23041-3CEA0 (L)							
Surface Treatment	Bore Clearance							
Moly Skirt	MRC: 0.030 mm							
Anodized Crown	MP: 7.00 mm							
1st Ring Anodized								

3

HYUNDAI			GASOLINE APPLICATION			
G6DH Azera (2011-2016) Santa Fe (2013-2018) Santa Fe XL (2019) Sedona (2015-2018) Sorento (2014-2018)  *Right Side Shown	6 cyl.	Ø 92.00 +4.7	2 - 1.2 1 - 2.0	Ø 22.000 TL 58.00 		
		CD 30.70 TL 56.50				
		TEIKIN NO. 51171		TEIKIN NO. P 43290		
Surface Treatment Moly Skirt Anodized Crown 1st Ring Anodized		Bore Clearance MRC: 0.030 mm MP: 8.00 mm				

4

ADDENDUM TO TEIKIN CATALOG VOL. 22 DATED JUNE 30, 2022

 ENGINE TYPE	 PISTON SET	 RINGS	 PIN	 BUSHING	 FLANGED NO FLANGE	 LINER KIT SET
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HYUNDAI				GASOLINE APPLICATION			
G6DG-II 2999 cc Grandeur/Azera (2011-2019) 6 cyl.	Ø 92.00 +2.0	2 - 1.2	Ø 22.000 TL 58.00				
CD 29.10 TL 52.00		1 - 2.0					
TEIKIN NO. 51173		TEIKIN NO. P 43290					
REFERENCE NO. 23041-3CCA0 23041-3CCB0 23041-3CCC0 23041-3CZD0							
Surface Treatment Moly Skirt Anodized Crown 1st Ring Anodized	Bore Clearance MRC: 0.030 mm MP: 5.00 mm						5

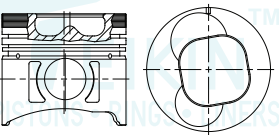
HYUNDAI				GASOLINE APPLICATION			
G6DA-II 3778 cc Veracruz (2009-2012) Azera (2008-2011) Genesis (2009-2011) Sedona (2010) Borrego (2008-2012) 6 cyl.	Ø 96.00 -2.2	2 - 1.2	Ø 22.000 TL 58.00				
CD 29.10 TL 50.50		1 - 2.0					
TEIKIN NO. 51169	TEIKIN NO. R 51169	TEIKIN NO. P 43290					
REFERENCE NO. 23041-3C612 23041-3C602 23041-3C622 23041-3C942 23041-3C962	REFERENCE NO. 23040-3C200 23040-3C201 23040-3C920 23040-3C940						
Surface Treatment Tin Coated Moly Skirt	Bore Clearance MRC: 0.030 mm MP: 8.00 mm						6

HYUNDAI				GASOLINE APPLICATION			
G6DJ 3778 cc Genesis G80 (2017) Genesis (2012-2016) Genesis Coupe (2012-2016) K900 (2016-2017) 6 cyl.	Ø 96.00 +3.6	2 - 1.2	Ø 22.000 TL 58.00				
CD 31.50 TL 55.60		1 - 2.0					
TEIKIN NO. 51172		TEIKIN NO. P 43290					
REFERENCE NO. 23041-3CHN0 (R) 23041-3CHA0 (L) 23041-3CHM0/HPO/ZX0/ZW0 (R) 23041-3CHB0/HCO/ZT0/ZS0 (L)							
Surface Treatment Moly Skirt Anodized Crown 1st Ring Anodized	Bore Clearance MRC: 0.030 mm MP: 6.50 mm						7

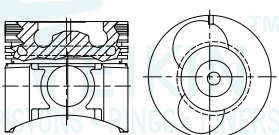
ISUZU				DIESEL APPLICATION			
6BD1-T 102.00 6 cyl.	Ø 102.00 -19.5	1 - 3.0 1 - 2.5	Ø 35.000 TL 87.50		TL 204.0 OD 106.0 FT 4.0 FD 112.0		TEIKIN NO. LKCF 39618-6 LKFF 39618-6 LKSF 39618-6
CD 58.70 TL 97.90		1 - 5.0					
TEIKIN NO. 39618-6	TEIKIN NO. R 39165-6	TEIKIN NO. P 39149	TEIKIN NO. B 39166	TEIKIN NO. LCF 39227-6 LFF 39227-6 LSF 39227-6			
REFERENCE NO. 8-94321-734-0 8-94175-027-2 5-12111-242-1 5-87810-280-3	REFERENCE NO. 5-12121-004-0 5-12121-005-0 5-12181-003-1 5-45454-004-2		REFERENCE NO. 1-12251-027-0 5-12251-006-0 9-12251-602-0	REFERENCE NO. 1-11261-118-0 5-11261-004-0 5-11261-118-0			
Surface Treatment Tin Coated	Bore Clearance MRC: 0.030 mm MP: 17.80 mm			Surface Treatment None			8

ADDENDUM TO TEIKIN CATALOG VOL. 22 DATED JUNE 30, 2022

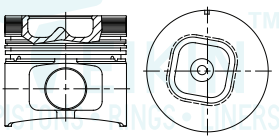
 ENGINE TYPE	 PISTON SET	 RINGS	 PIN	 BUSHING	 LINER FLANGED	 NO FLANGE	 LINER KIT SET
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ISUZU					DIESEL APPLICATION				
4BG1 4 cyl.  Surface Treatment: Tin Coated Bore Clearance: MRC: 0.030 mm, MP: 17.90 mm	Ø	105.00	1 - 3.0 1 - 2.5 1 - 4.0	Ø	35.000 TL 87.50	TL 203.0 OD 109.0 FT 4.0 FD 112.8	TEIKIN NO. LKCF 39182-4 LKFF 39182-4 LKCF 39182A-4 LKFF 39182A-4		
	CD	55.30							
	TL	94.50							
	TEIKIN NO.		TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
	39182-4 39182A-4		R 39182-4	P 39149	B 39148	LCF 39182-4 LFF 39182-4			
REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		REFERENCE NO.			
1-12111-377-4 1-12111-323-2 1-12111-528-0 1-12111-529-0		1-12121-065-0		1-12251-027-0 5-12251-006-0		1-11261-119-0			
Surface Treatment		Surface Treatment		Surface Treatment		Surface Treatment			
None		None		None		None			

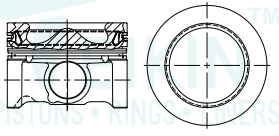
9

ISUZU					DIESEL APPLICATION				
4BG1-T 4 cyl.  Surface Treatment: Tin Coated Bore Clearance: MRC: 0.030 mm, MP: 18.00 mm	Ø	105.00	1 - 3.5 1 - 2.5 1 - 4.0	Ø	35.000 TL 87.50	TL 203.0 OD 109.0 FT 4.0 FD 112.8	TEIKIN NO. LKCF 39614AG-4 LKFF 39614AG-4		
	CD	55.20							
	TL	94.50							
	TEIKIN NO.		TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
	39614AG-4		R 39614-4	P 39149	B 39148	LCF 39182-4 LFF 39182-4			
REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		REFERENCE NO.			
1-12111-626-0		1-12121-115-0		1-12251-027-0 5-12251-006-0		1-11261-119-0			
Surface Treatment		Surface Treatment		Surface Treatment		Surface Treatment			
None		None		None		None			

10

ISUZU					DIESEL APPLICATION				
4HE1 4 cyl.  Surface Treatment: Tin Coated Bore Clearance: MRC: 0.050 mm, MP: 8.50 mm	Ø	110.00	1 - 3.0 1 - 2.5 1 - 4.0	Ø	36.000 TL 79.00	TL 210.0 OD 113.0 FT 5.6 + 0.4 FD 119.7	TEIKIN NO. LKFF 39607-4 LKSF 39607-4		
	CD	65.90							
	TL	99.80							
	TEIKIN NO.		TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
	39607-4		R 39607-4	P 39181	B 39607	LFF 39607-4* LSF 39607-4			
REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		REFERENCE NO.			
8-94396-837-0		8-94396-840-0				8-94396-332-0 8-94391-600-0 8-94391-601-0			
Surface Treatment		Surface Treatment		Surface Treatment		Surface Treatment			
None		None		None		*Phosphate (PH)			

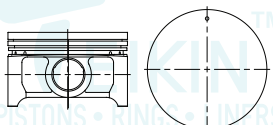
11

MAZDA					DIESEL APPLICATION				
SKYACTIV-D MAZDA 3 (2013) MAZDA 6 / 6 WAGON (2012) MAZDA CX-5 (2011-2012) 2189 cc 4 cyl.  Surface Treatment: Moly Skirt Bore Clearance: MRC: 0.030 mm, MP: 5.50 mm	Ø	86.00	1 - 2.0 1 - 1.5 1 - 2.0	Ø	26.000 TL 58.50		TEIKIN NO. LKFF 39607-4 LKSF 39607-4		
	CD	41.00							
	TL	61.00							
	TEIKIN NO.		TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
	42226AG		R 42226	P 42226					
REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		REFERENCE NO.			
SHY1-11-SA0		SHY1-11-SC0							
Surface Treatment		Surface Treatment		Surface Treatment		Surface Treatment			
None		None		None		None			

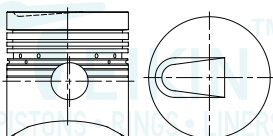
12

ADDENDUM TO TEIKIN CATALOG VOL. 22 DATED JUNE 30, 2022

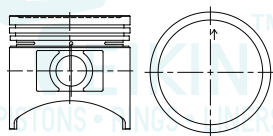
 ENGINE TYPE	 PISTON SET	 RINGS	 PIN	 BUSHING	 FLANGED	 NO FLANGE	 LINER KIT SET
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MITSUBISHI			GASOLINE APPLICATION				
4G64-IV L200 (2015-2019) TRITON (2015-2019) STRADA (2015-2019)		Ø 86.50 CD 30.50 TL 53.50	1 - 1.2 1 - 1.5 1 - 2.8	Ø 22.000 TL 62.00			
		TEIKIN NO. 43307		TEIKIN NO. P 43222			
Surface Treatment Tin Coated Anodized Crown 1st Ring Anodized	Bore Clearance MRC: 0.030 mm MP: 9.00 mm						

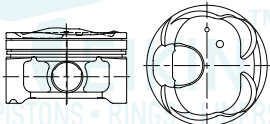
13

MITSUBISHI				DIESEL APPLICATION				
6DR5 T-210 1971		3988 cc 6 cyl.	Ø 92.00 -3.8 CD 52.50 TL 99.70	1 - 2.5 HK 2 - 2.0 1 - 4.5	Ø 28.000 TL 76.80 	TL 176.0 OD 95.0	TEIKIN NO. LKFX 43157-6 LKSX 43157-6	
		TEIKIN NO. 43157-6	TEIKIN NO. R 43157-6	TEIKIN NO. P 43157	TEIKIN NO. B 43157	TEIKIN NO. LFX 43157-6 LSX 43157-6		
								Surface Treatment
								None
Surface Treatment Tin Coated		Bore Clearance MRC: 0.080 mm MP: 25.00 mm	REFERENCE NO. 31617-00104 31617-00106	REFERENCE NO. 31617-02012/3 31617-05102/3 ME999073	REFERENCE NO. 31619-00700 31619-00792	REFERENCE NO. 31607-02202		

14

NISSAN				GASOLINE APPLICATION			
L24-II/L26-II		Ø 83.00 -1.4	2 - 2.0	Ø 21.000 TL 72.50	TL 140.0 OD 87.0	TEIKIN NO. LKSX 44283-6	
6 cyl.		CD 38.00 TL 78.00	1 - 4.0				
		TEIKIN NO. 44283-6	TEIKIN NO. R 44269-6	TEIKIN NO. P 43155	TEIKIN NO. LSX 44269		
					Surface Treatment		
					None		
Surface Treatment None		Bore Clearance MRC: 0.030 mm MP: 22.75 mm	REFERENCE NO. 12010-23002 12010-E3101	REFERENCE NO. 12033-A0600 12033-A3500/01/02 12033-W0700 12033-W7100/10	REFERENCE NO. 11012-21000		

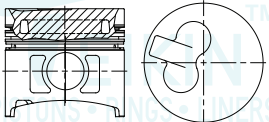
15

NISSAN				GASOLINE APPLICATION			
MR20DD ROGUE SPORT (2017-2020) 4 cyl. ROGUE HYBRID (2017-2019) QASHQAI (2013-2017) X-TRAIL (2014-2017)	Ø	84.00	2 - 1.2	Ø	19.990		
		+3.3		TL	53.00		
	CD	30.70					
	TL	52.50	1 - 2.0				
	TEIKIN NO.		TEIKIN NO.				
	44368G		P 44340				
REFERENCE NO.							
A2010-4BB0C							
Surface Treatment		Bore Clearance					
Moly Skirt		MRC: 0.030 mm					
Anodized Crown		MP: 6.50 mm					
1st Ring Anodized							

16

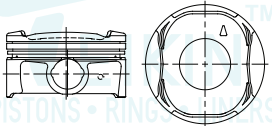
ADDENDUM TO TEIKIN CATALOG VOL. 22 DATED JUNE 30, 2022

 ENGINE TYPE	 PISTON SET	 RINGS	 PIN	 BUSHING	 FLANGED NO FLANGE	 LINER KIT SET
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NISSAN					DIESEL APPLICATION				
TD42T-II 4169 cc		Ø 96.00	1 - 2.5 HK	Ø 30.000		TL 164.0	TEIKIN NO.		
NISSAN PATROL (93 - 97) 6 cyl.		-1.8	1 - 2.0	TL 79.80		OD 99.0	LKFF 44367AG		
SAFARI (93 - 97)		CD 50.30				FT 5.08	LKSF 44367AG		
NISSAN CIVILIAN (00 - 04)		TL 87.00	1 - 3.0			FD 104.95			
		TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
		44367AG	R 44367	P 44296	B 44630-6	LFF 44267-6			
						LSF 44267-6			
		Surface Treatment			Surface Treatment				
						None			
REFERENCE NO.		REFERENCE NO.		REFERENCE NO.	REFERENCE NO.				
12010-09D11		12033-0W813/4		12030-31N00	11012-06J00				
12010-09D01		12033-DY712							
		12033-WJ115							
		12033-WJ116							
Surface Treatment		Bore Clearance							
Tin Coated		MRC: 0.030 mm							
		MP: 17.50 mm							

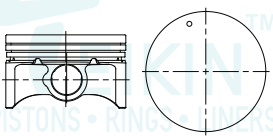
17

17

RENAULT			GASOLINE APPLICATION					
B4D KWID (2015-2019)		3 cyl.	Ø 71.00 +1.4 CD 24.30 TL 39.70	1 - 1.0 1 - 1.2 1 - 2.0	Ø 18.000 TL 47.50			
			TEIKIN NO. 70110	TEIKIN NO. P 30110				
			REFERENCE NO. 120A18858R					
			Surface Treatment Anodized Crown 1st Ring Anodized	Bore Clearance MRC: 0.030 mm MP: 4.00 mm				

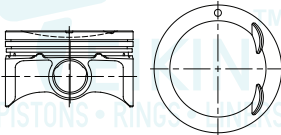
18

18

SUZUKI				GASOLINE APPLICATION				
K10B-III ALTO K10 (2014-NOW) CELERIO (2013-2017)		3 cyl.	Ø 73.00 CD 27.30 TL 44.60	1 - 1.0 1 - 1.2 1 - 2.0	Ø 18.000 TL 46.50 			
		TEIKIN NO. 45164		TEIKIN NO. P 45148				
REFERENCE NO. 12111M76M00								
Surface Treatment Moly Skirt		Bore Clearance MRC: 0.030 mm MP: 6.50 mm						

19

19

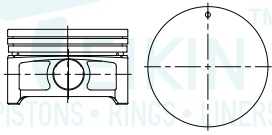
SUZUKI				GASOLINE APPLICATION			
K14B-II 1373 cc Suzuki L4 1.4L 2012-17, Swift DOHC 16 Vál. VVT		Ø 73.00 -3.6 CD 26.00 TL 43.30	1 - 1.0 1 - 1.2 1 - 2.0	Ø 18.000 TL 46.50 			
		TEIKIN NO. 45161	TEIKIN NO. R 45161	TEIKIN NO. P 45148			
		REFERENCE NO. 12100-71840-0A0	REFERENCE NO. 12140-69L50 12140-M-83KA0				
Surface Treatment Moly Skirt	Bore Clearance MRC: 0.030 mm MP: 6.50 mm						

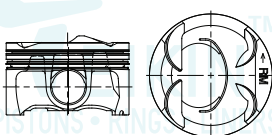
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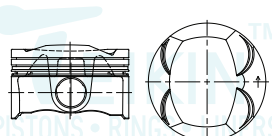
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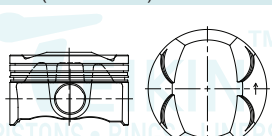
ADDENDUM TO TEIKIN CATALOG VOL. 22 DATED JUNE 30, 2022

 ENGINE TYPE	 PISTON SET	 RINGS	 PIN	 BUSHING	 FLANGED LINER NO FLANGE	 LINER KIT SET
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SUZUKI				GASOLINE APPLICATION			
K12M-II RITZ (2009-2017) SWIFT (2010-2011) 4 cyl.	Ø	73.00	1 - 1.0 1 - 1.2 1 - 2.0	Ø TL	18.000 47.50		
	CD TL	27.30 45.40					
	TEIKIN NO.	45165		TEIKIN NO.	P 30110		
	REFERENCE NO.	12111M83KA0					
							
Surface Treatment: None Bore Clearance: MRC: 0.030 mm MP: 6.50 mm							21

TOYOTA				GASOLINE APPLICATION			
V35A-FTS LAND CRUISER 300 (2021-PRESENT) 6 cyl.	Ø	85.50 +4.6	2 - 1.2 1 - 2.0	Ø TL	23.000 52.00		
	CD TL	30.90 55.00					
	TEIKIN NO.	46411A		TEIKIN NO.	P 46411		
	REFERENCE NO.	13101-70160 (R) 13301-70030 (L)					
							
*Right Side Shown Surface Treatment: Moly Skirt Bore Clearance: MRC: 0.030 mm MP: 5.50 mm							21

TOYOTA				GASOLINE APPLICATION			
A25A-FXS RAV4 Hybrid (2019 - present) Highlander Hybrid (2020 - present) Camry Hybrid (2018 - present) Avalon Hybrid (2019 - present) 2487 cc 4 cyl.	Ø	87.50 +3.3	2 - 1.2 1 - 2.0	Ø TL	21.010 49.00		
	CD TL	32.20 55.00					
	TEIKIN NO.	46409		TEIKIN NO.	P 46409		
	REFERENCE NO.	13101-25040					
							
Surface Treatment: Moly Skirt Anodized Crown 1st Ring Anodized Bore Clearance: MRC: 0.030 mm MP: 7.50 mm							23

TOYOTA				GASOLINE APPLICATION			
A25A-FKS Avalon (2020-2021) Camry (2018-2021) RAV4 (2019-2021) ES250 (2021) ES350 (2020-2021) 2487 cc 4 cyl.	Ø	87.50 +2.1	2 - 1.2 1 - 2.0	Ø TL	21.010 49.00		
	CD TL	32.20 53.80					
	TEIKIN NO.	46410		TEIKIN NO.	P 46409		
	REFERENCE NO.	13101-25030					
							
Surface Treatment: Moly Skirt Anodized Crown 1st Ring Anodized Bore Clearance: MRC: 0.030 mm MP: 7.50 mm							23