



**MORE
THAN
PARTS**

MOTORI INDUSTRIALI
YANMAR ENGINE PARTS 05-2026



International Automotive Parts

**QUALITY
PARTS**

CONSIDERAZIONI GENERALI

1.1 PREMESSA

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Pictures, figures, and other data are provided solely to explain and illustrate our products and could change



1.2 CONDIZIONI GENERALI DI VENDITA

Prezzi

I prezzi sono da intendersi franco ns. sede IVA esclusa. I ns. listini possono essere modificati in ogni momento anche senza preavviso

Spedizioni

La merce viaggia a rischio e pericolo del compratore anche se resa in porto franco, non assumendoci responsabilità alcuna per eventuali danni subiti dopo che questa abbia lasciato i ns. depositi. Le mancate o ritardate consegne per cause da noi non dipendenti, non potranno dar luogo a richieste di danni ad alcun titolo e non potranno costituire motivo per rifiutare la merce o annullare l'ordine.

Resi e reclami

Non verranno accettati resi di merce o reclami pervenuti dopo 8 giorni dal ricevimento della merce. Eventuali resi di merce dovranno essere sempre preventivamente autorizzati ed avvenire in porto franco.

Garanzie

I prodotti riconosciuti difettosi e che non abbiano subito modifiche o manomissioni, potranno essere sostituiti entro 12 mesi dalla data di acquisto, previa compilazione del rapporto di garanzia. La garanzia in ogni caso è limitata alla sostituzione degli articoli difettosi con l'esclusione di ogni addebito per manodopera e ogni ns. responsabilità per eventuali danni conseguenti. Per riconoscere valida la garanzia ogni prodotto dovrà però essere accompagnato da una relazione tecnica dettagliata ed inviato franco ns. deposito. La garanzia non copre i difetti o danni causati da un differente utilizzo rispetto alle applicazioni indicate nel nostro catalogo, o per montaggio errato, eccessivo uso o da incidenti stradali.

Per il materiale di consumo (materiale frenante, filtri, frizioni, ecc.) la validità della garanzia è subordinata al chilometraggio effettuato.

Pagamenti

In caso di insolvenza o mancato rispetto dei termini di pagamento ci saranno dovuti interessi moratori, ad un tasso superiore di 5 punti rispetto a quello ufficiale di sconto ex art. 1224cc, fino al momento dell'effettivo saldo.

Foro giudiziario

Per qualunque controversia sarà competente esclusivamente l'autorità giudiziaria del Foro di Bologna

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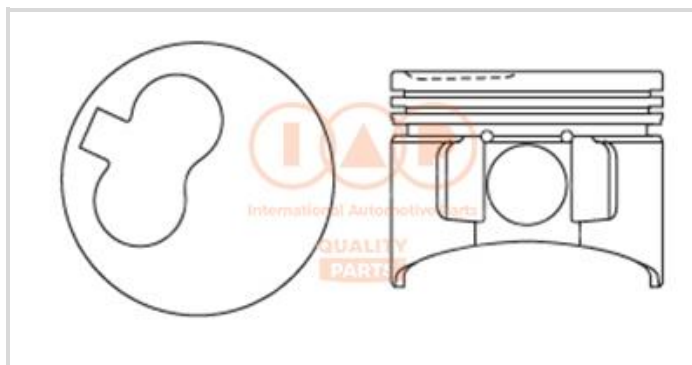
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TIPO MOTORE / ENGINE TYPE

3TNA68

ALESAGGIO
BORE **68,00 mm**
N° CILINDRI
N° OF CYLINDER **3**
CILINDRATA C.C.
CAPACITY C.C. **784**


DESCRIZIONE / DESCRIPTION	CODE	NOTE
SERIE PISTONI+SERIE SEGMENTI /STD PISTON SET WITH RINGS / STD	100-47036	L=65,3 COMP. H=37,2 SPINOTTO/PIN: L=56,00 Ø 21,00
SERIE PISTONI+ SERIE SEGMENTI/+0,50 PISTON SET WITH RINGS +0,50	100-47037	L=65,35 COMP. H=37,2 SPINOTTO/PIN: L=56,00 Ø 21,00
SERIE SEGMENTI /STD RING SET/STD	102-47036	DIAM= 68,00 - 1,5 x 1,5 x 3,0
SERIE SEGMENTI/+0,50 RING SET /+0,50	102-47037	DIAM= 68,50 - 1,5 x 1,5 x 3,0
SERIE BRONZ. BIELLA/STD CONNECTING ROD BEARING SET /STD	104-47003	ØALES.O MIN/HOUSING MIN: 43,00 LARGH.ZA/WIDTH:16,10 SPESS/THICK: 1,49
SERIE BRONZ. BIELLA/STD CONNECTING ROD BEARING SET /STD	104-47004	ØALES.O MIN/HOUSING MIN: 43,25 LARGH.ZA/WIDTH:16,10 SPESS/THICK: 1,49
SERIE BRONZ. BIELLA/+0,50 CONNECTING ROD BEARING SET /+0,50	104-47005	ØALES.O MIN/HOUSING MIN: 43,50 LARGH.ZA/WIDTH:16,10 SPESS/THICK: 1,49
SERIE BRONZ. BANCO/STD MAIN BEARING SET /STD	105-47003	ØALES.O MIN/HOUSING MIN: 48,00 LARGH.ZA/WIDTH: 16,10 SPESS/THICK: 1,99
SERIE BRONZ. BANCO/+0,25 MAIN BEARING SET /+0,25	105-47004	ØALES.O MIN/HOUSING MIN: 48,25 LARGH.ZA/WIDTH: 16,10 SPESS/THICK: 1,99
SERIE BRONZ. BANCO/+0,50 MAIN BEARING SET /+0,50	105-47005	ØALES.O MIN/HOUSING MIN: 48,50 LARGH.ZA/WIDTH: 16,10 SPESS/THICK: 1,99
SERIE GUARNIZIONI MOTORE FULL SET GASKET ENGINE	115-47036	C/GUARNIZIONE TESTATA W/CYLINDER HEAD GASKET
SERIE GUARNIZIONI SMERIGLIO CYLINDER HEAD GASKET SET	116-47036	C/GUARNIZIONE TESTATA W/CYLINDER HEAD GASKET
MOTORINO DI AVVIAMENTO STARTER MOTOR	803-47005	V=12 KW=0,9 DENTI/THEET=8
POMPA ACQUA WATER PUMP	150-47036	

Applicazioni/ Models:

Trattori/Tractors: Yanmar=> F14, F15, Ke-3, Ke-4, Ke-14, Ke-16. John Deere=> 655, 4100.

Carrelli elevatori/ Forklift=> Hyster=> H1.25 - H1.50 Yale=> GDP(Series)..

Minipale/ Skid Steer: Yanmar=> B12, B15, B17.Kobelco=>SK013 ,SK015.

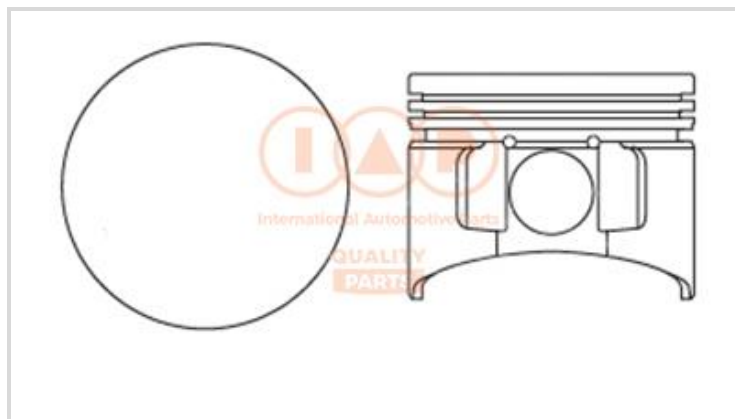


TIPO MOTORE / ENGINE TYPE

3TNE68

ALESAGGIO **68,00 mm**
 BORE

N° CILINDRI **3**
 N° OF CYLINDER

CILINDRATA C.C. **784**
 CAPACITY C.C


DESCRIZIONE / DESCRIPTION	CODE	NOTE
SERIE PISTONI+SERIE SEGMENTI /STD PISTON SET WITH RINGS / STD	100-47034	L=52,7 COMP. H=27,7 SPINOTTO/PIN: L=55,00 Ø 20,00
SERIE PISTONI+ SERIE SEGMENTI/+0,50 PISTON SET WITH RINGS +0,50	100-47035	L=52,7 COMP. H=27,7 SPINOTTO/PIN: L=55,00 Ø 20,00
SERIE SEGMENTI /STD RING SET/STD	102-47034	DIAM= 68,00 - 1,5 x 1,5 x 3,0
SERIE SEGMENTI/+0,50 RING SET /+0,50	102-47035	DIAM= 68,50 - 1,5 x 1,5 x 3,0
SERIE BRONZ. BIELLA/STD CONNECTING ROD BEARING SET /STD	104-47000	ØALES.O MIN/HOUSING MIN: 39,0 LARGH.ZA/WIDTH:16,0 SPESS/THICK: 1,5
SERIE BRONZ. BIELLA/+0,25 CONNECTING ROD BEARING SET /+0,25	104-47001	ØALES.O MIN/HOUSING MIN: 43,25 LARGH.ZA/WIDTH:16,10 SPESS/THICK: 1,49
SERIE BRONZ. BIELLA/+0,50 CONNECTING ROD BEARING SET /+0,50	104-47002	ØALES.O MIN/HOUSING MIN: 39,50 LARGH.ZA/WIDTH: 16,0 SPESS/THICK: 1,5
SERIE BRONZ. BANCO/STD MAIN BEARING SET /STD	105-47000	ØALES.O MIN/HOUSING MIN: 43,0 LARGH.ZA/WIDTH:16,0 SPESS/THICK: 2,0
SERIE BRONZ. BANCO/+0,25 MAIN BEARING SET /+0,25	105-47001	ØALES.O MIN/HOUSING MIN:43,25 LARGH.ZA/WIDTH: 16,0 SPESS/THICK: 2,0
SERIE BRONZ. BANCO/+0,50 MAIN BEARING SET /+0,50	105-47002	ØALES.O MIN/HOUSING MIN: 43,50 LARGH.ZA/WIDTH: 16,0 SPESS/THICK: 2,0
SERIE GUARNIZIONI MOTORE FULL SET GASKET ENGINE	115-47034	C/GUARNIZIONE TESTATA W/CYLINDER HEAD GASKET
SERIE GUARNIZIONI SMERIGLIO CYLINDER HEAD GASKET SET	116-47035	C/GUARNIZIONE TESTATA W/CYLINDER HEAD GASKET

Applicazioni/ Models:

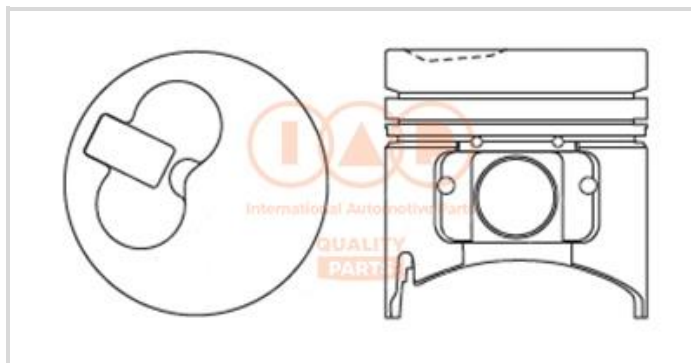
Trattori/Tractors: Yanmar=> Serie Ke-140, Ke-160, F165, GK160; John Deere=>2210,4100

Miniescavatori/ Small Excavator: Yanmar=> ViO15, ViO15-2, B15, B17 e SV15. Ammann-Yanmar=> Serie B12, B15 e B17. Komatsu=> PC12R-8, PC15R-8 e PC15MRX. Kobelco=> Modelli SK013 e SK015. Mustang=> ME1503



TIPO MOTORE / ENGINE TYPE

3TNE74

ALESAGGIO
BORE **74,00 mm**
N° CILINDRI
N° OF CYLINDER **3**
CILINDRATA C.C.
CAPACITY C.C. **1006**


DESCRIZIONE / DESCRIPTION	CODE	NOTE
SERIE PISTONI+SERIE SEGMENTI /STD PISTON SET WITH RINGS / STD	100-47044	L= 61,4 COMP. H=33,4 SPINOTTO/PIN: L = 58,5 Ø =21
SERIE PISTONI+ SERIE SEGMENTI/+0,50 PISTON SET WITH RINGS +0,50	100-47045	L= 61,4 COMP. H=33,4 SPINOTTO/PIN: L = 58,5 Ø =21
SERIE SEGMENTI /STD RING SET/STD	102-47044	DIAM=74,00 - 1,5 x 1,5 x 3,0
SERIE SEGMENTI/+0,50 RING SET /+0,50	102-47045	DIAM=74,50 - 1,5 x, 1,5 x 3,0
POMPA ACQUA WATER PUMP	150-47044	
POMPA ACQUA WATER PUMP	150-47036	
GUARNIZIONI SERIE MOTORE ENGNE GASPET SET	115-47044	C/GUARNIZIONE TESTATA W/CYLINDER HEAD GASKET
GUARNIZIONI SERIE SMERIGLIO CYLINDER HEAD GASKET SET	116-47044	C/GUARNIZIONE TESTATA W/CYLINDER HEAD GASKET

Applicazioni/ Models:

Trattori/Tractors: Yanmar=> F18, F20, FX18, Ke-140, Ke-160

Carrelli elevatori/ Forklift: Doosan=> Serie G15S o G18S, Komatsu=> FG15/18

Miniescavatori/ Small ,: Yanmar=> B17, B18, B19. Komatsu=>PC12, PC15, PC18 e PC20.

Kobelco:=>SK15 e lo SK20. Takeuchi=> TB125.



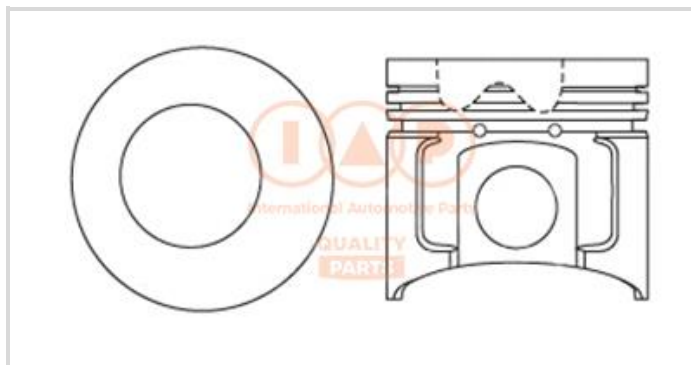
TIPO MOTORE / ENGINE TYPE

3TNE82A

ALESAGGIO
BORE **82,00 mm**

N° CILINDRI
N° OF CYLINDER **3**

CILINDRATA C.C.
CAPACITY C.C. **1330.6**



DESCRIZIONE / DESCRIPTION	CODE	NOTE
SERIE PISTONI+SERIE SEGMENTI /STD PISTON SET WITH RINGS / STD	100-47038	L=71,00 COMP. H=39,00 SPINOTTO/PIN: L=65,00 Ø 23,00
SERIE PISTONI+ SERIE SEGMENTI/+0,50 PISTON SET WITH RINGS +0,50	100-47039	L=71,00 COMP. H=39,00 SPINOTTO/PIN: L=65,00 Ø 23,00
SERIE SEGMENTI /STD RING SET/STD	102-47038	DIAM= 82,00 - 2,0 x 2,0 x 4,0
SERIE FASCE/+0,50 RING SET /+0,50	102-47039	DIAM= 82,50 - 2,0 x 2,0 x 4,0
SERIE BRONZ. BIELLA/STD CONNECTING ROD BEARING SET /STD	104-47006	ØALES.O MIN/HOUSING MIN: 46,0 LARGH.ZA/WIDTH: 18,00 SPESS/THICK: 1,50
SERIE BRONZ. BIELLA/+0,25 CONNECTING ROD BEARING SET /+0,25	104-47007	ØALES.O MIN/HOUSING MIN: 46,25 LARGH.ZA/WIDTH: 18,00 SPESS/THICK: 1,50
SERIE BRONZ. BIELLA/+0,50 CONNECTING ROD BEARING SET /+0,50	104-47008	ØALES.O MIN/HOUSING MIN: 46,50 LARGH.ZA/WIDTH: 18,00 SPESS/THICK: 1,50
SERIE BRONZ. BANCO/STD MAIN BEARING SET /STD	105-47006	ØALES.O MIN/HOUSING MIN: 51,0 LARGH.ZA/WIDTH: 18,00 SPESS/THICK: 2,00
SERIE BRONZ. BANCO/+0,25 MAIN BEARING SET /+0,25	105-47007	ØALES.O MIN/HOUSING MIN: 51,25 LARGH.ZA/WIDTH: 18,00 SPESS/THICK: 2,00
SERIE BRONZ. BANCO/+0,50 MAIN BEARING SET /+0,50	105-47008	ØALES.O MIN/HOUSING MIN: 51,50 LARGH.ZA/WIDTH: 18,00 SPESS/THICK: 2,00
POMPA ACQUA WATER PUMP	150-47038	

Adatto per le sigle motore/Suitable for engine: Yanmar=> 3TNE82AC-ECR;3TNE82A-AF;3TNE82A-EAF;3TNE82A-ECB;3TNE82A-DG;3TNE82A-DGD; 3TNE82AC-KM;3TNE82AC-EKM;3TNE82AC-EKMB;3TNE82A-EPM;3TNE82A-YBC;3TNE82A-YBD, 3TNE82A-EYBC;3TNE82A-EYBD;3TNE82A-EYBE;3TNE82A-EBEN;3TNE82A-BEN;3TNE82A-EWA; 3D82AE-3HC

Applicazioni/ Models:

Trattori/Tractors: Yanmar=> B37-2B,B37V,B37V-1,ViO40, ViO40-1, ViO40-2, ViO45, F28EX , F250H , AF210 , AF210R , AF230 , AF230R , AF250 , AF250R , AF322 , AF324 , FE280 , FE280H John Deere=> 790,4210,JD1100

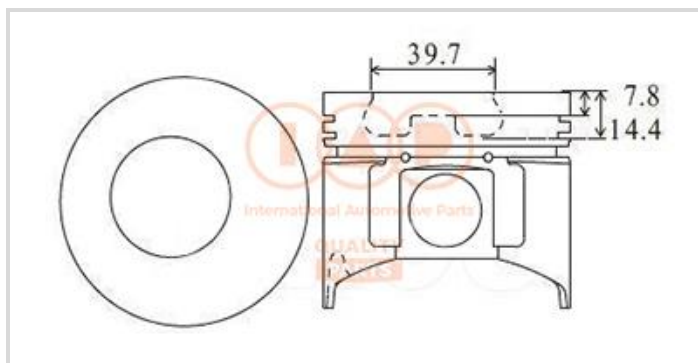
Scavatori/ Excavator: Komatsu=> PC40FR-1, PC40FR-2 -3 Yanmar=> VIO352 , B272 , VIO301 , B3U , B272 , B272A , B272B , B30V , VIO30 V; New Holland=> E 30 SR ,E 35 SR ,SK30 SR 2 ,SK35 SR 2



Takeuchi=> TB125 ,F5B ,TB 228 ,TB 28 FR. Kobelco=> Z71 ,Z72 ,Z73 ,30SR ,SK030 ,SK30 SR 2 ,SK35 SR 2 ,SK35SR1 FIAT-Kobelco=> E30SR, E35SR.

Carrelli elevator/ Forklift: Yale=> GDP16, GDP18

Miniescavatori/ Small: Amman=> B27-2A. Komatsu=> PC20-7 ,PC15-3 ,PC30FR, PC28UU-2, PC28UU2E, PC25R-8 ,PC27R-8 -PC30FR-2 -,PC27MR-1,PC25MR-1C27MRX-1

3TNV82**ALESAGGIO**
BORE **82,00 mm****N° CILINDRI**
N° OF CYLINDER **3****CILINDRATA C.C.**
CAPACITY C.C. **1330.0**

DESCRIZIONE / DESCRIPTION	CODE	NOTE
SERIE PISTONI+SERIE SEGMENTI /STD PISTON SET WITH RINGS / STD	100-47028	L=71,0 COMP. H=39,0 SPINOTTO/PIN: L=65,0 Ø 23,0
SERIE PISTONI+ SERIE SEGMENTI/+0,50 PISTON SET WITH RINGS +0,50	100-47029	L=71,0 COMP. H=39,0 SPINOTTO/PIN: L=65,0 Ø 23,0
SERIE SEGMENTI /STD RING SET/STD	102-47028	DIAM= 82,0 - 2,0x,2,0x4,0
SERIE SEGMENTI/+0,50 RING SET /+0,50	102-47029	DIAM= 82,0 - 2,0x,2,0x4,0
SERIE BRONZ. BIELLA/STD CONNECTING ROD BEARING SET /STD	104-47006	ØALES.O MIN/HOUSING MIN: 46,0 LARGH.ZA/WIDTH: 18,00 SPESS/THICK: 1,50
SERIE BRONZ. BIELLA/+0,25 CONNECTING ROD BEARING SET /+0,25	104-47007	ØALES.O MIN/HOUSING MIN: 46,25 LARGH.ZA/WIDTH: 18,00 SPESS/THICK: 1,50
SERIE BRONZ. BIELLA/+0,50 CONNECTING ROD BEARING SET /+0,50	104-47008	ØALES.O MIN/HOUSING MIN: 46,50 LARGH.ZA/WIDTH: 18,00 SPESS/THICK: 1,50
SERIE BRONZ. BANCO/STD MAIN BEARING SET /STD	105-47006	ØALES.O MIN/HOUSING MIN: 51,0 LARGH.ZA/WIDTH: 18,00 SPESS/THICK: 2,00
SERIE BRONZ. BANCO/+0,25 MAIN BEARING SET /+0,25	105-47007	ØALES.O MIN/HOUSING MIN: 51,25 LARGH.ZA/WIDTH: 18,00 SPESS/THICK: 2,00
SERIE BRONZ. BANCO/+0,50 MAIN BEARING SET /+0,50	105-47008	ØALES.O MIN/HOUSING MIN: 51,50 LARGH.ZA/WIDTH: 18,00 SPESS/THICK: 2,00
VALVOLA SCARICO VALVE EXHAUST	110-47029	L= 45,9 Ø1= 13 Ø2=8
VALVOLA SCARICO VALVE EXHAUST	110-47030	L= 45,9 Ø1= 13 Ø2=8
POMPA ACQUA WATER PUMP	150-47028	
POMPA OLIO OIL PUMP	160-47028	
MOTORINO DI AVVIAMENTO STARTER MOTOR	803-45000	12 V- 1,4 KW- N° DENTI/THEET: 11

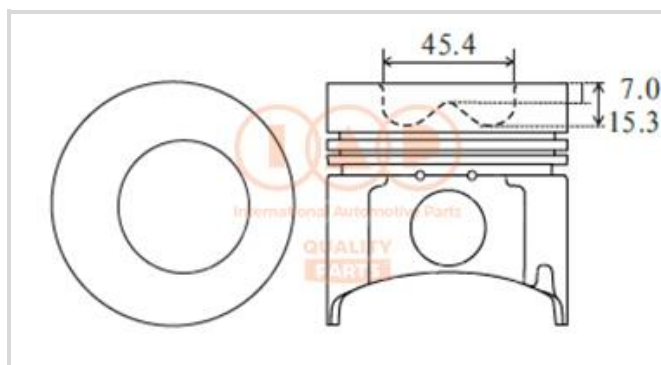
Adatto per le sigle motore/Suitable for engine: Yanmar=>3TNV82-SYB,3TNV82A-XYBK,3TNV82A-DCR,3TNV82A-SDB,3TNV82A-PDB,3TNV82A-GGEC,3TNV82A-XFU,3TNV82A-DSA2,3TNV82A-SNN,3TNV82A-QYB,3TNV82A-GGK,3TNV82A-GKL,3TNV82A-XKMR,3TNV82A-GMG,3TNV82A-GMG2,3TNV82A-SSU,3TNV82A-KWA,3TNV82A-KVA,3TNV82A-DNSV,3TNV82A-DSA,3TNV82A-DSA2,3TNV82A-DSA3.

Applicazioni/ Models:

Trattori/Tractors: John Deere=> 790,2520,25 PC27MR-2, PC27R-8, PC27MR-320H ,3005,3005N ,2027R
Valpiana=> 1430, 4353

Scavatori/ Excavator: Kobelco=> Z80 ,Z81,CX27B, Z73RP Amman B25V, VIO30, DX30Z, D30Z.

Komatsu=> PC27MR-2, PC27R-8, PC27MR-3 Takeuchi=> TB28FR

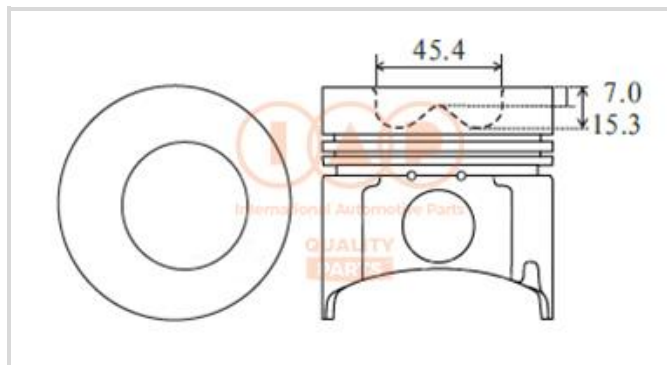
3TN84L**ALESAGGIO**
BORE **84,00 mm****N° CILINDRI**
N° OF CYLINDER **3****CILINDRATA C.C.**
CAPACITY C.C. **1496**

DESCRIZIONE / DESCRIPTION	CODE	NOTE
SERIE PISTONI+SERIE SEGMENTI /STD PISTON SET WITH RINGS / STD	100-47040	L=86,70 COMP. H=50,20 SPINOTTO/PIN: L=65,00 Ø 26,00
SERIE PISTONI+ SERIE SEGMENTI/+0,50 PISTON SET WITH RINGS +0,50	100-47041	L=86,70 COMP. H=50,20 SPINOTTO/PIN: L=65,00 Ø 26,00
SERIE SEGMENTI /STD RING SET/STD	102-47026	DIAM=84,00 - 2,0 x 2,0x 4,0
SERIE SEGMENTI/+0,50 RING SET /+0,50	102-47027	DIAM=84,50 - 2,0 x 2,0x 4,0
SERIE BRONZ. BIELLA/STD (Si usano 3 Pezzi) CONNECTING ROD BEARING SET/STD (Use 3 Pcs)	104-47009	ØALES.O MIN/HOUSING MIN: 51,00 LARGH.ZA/WIDTH:20,00 SPESS/THICK:1,50
SERIE BRONZ. BIELLA/+0,25 (Si usano 3 Pezzi) CONNECTING ROD BEARING SET/+0,25 (Use 3 Pcs)	104-47010	ØALES.O MIN/HOUSING MIN: 51,25 LARGH.ZA/WIDTH:20,00 SPESS/THICK:1,50
SERIE BRONZ. BIELLA/+0,50(Si Usano 3 Pezzi) CONNECTING ROD BEARING SET /+0,50 (Use 3 Pcs)	104-47011	ØALES.O MIN/HOUSING MIN: 51,50 LARGH.ZA/WIDTH:20,00 SPESS/THICK:1,50
SERIE BRONZ. BANCO/STD (Si usano 3 Pezzi) MAIN BEARING SET /STD (Use 3Pcs)	105-47009	ØALES.O MIN/HOUSING MIN: 54,00 LARGH.ZA/WIDTH:20,0 SPESS/THICK: 2,0
SERIE BRONZ. BANCO/+0,25 (Si usano 3 Pezzi) MAIN BEARING SET /+0,25 (Use 3PCS)	105-47010	ØALES.O MIN/HOUSING MIN: 54,25 LARGH.ZA/WIDTH:20,0 SPESS/THICK: 2,0
SERIE BRONZ. BANCO/+0,50 (Si usano 3 Pezzi) MAIN BEARING SET /+0,50 (Use 3PCS)	105-47011	ØALES.O MIN/HOUSING MIN: 54,50 LARGH.ZA/WIDTH:20,0 SPESS/THICK: 2,0

Applicazioni/ Models:

Scavatori/ Excavator: Yanmar=> B37V,B3. Komatsu=> PC30,l PC35. Takeuchi=> TB035. Kobelco=> SK30, SK35

Trattori/Tractors: Yanmar=> YM2820 o l'YM3810. John Deere=> 955, 1050.

4TN84L**ALESAGGIO**
BORE **84,00 mm****N° CILINDRI**
N° OF CYLINDER **4****CILINDRATA C.C.**
CAPACITY C.C. **1995**

DESCRIZIONE / DESCRIPTION	CODE	NOTE
SERIE PISTONI+SERIE SEGMENTI /STD PISTON SET WITH RINGS / STD	100-47042	L=86,70 COMP. H=50,20 SPINOTTO/PIN: L=65,00 Ø 26,00
SERIE PISTONI+ SERIE SEGMENTI/+0,50 PISTON SET WITH RINGS +0,50	100-47043	L=86,70 COMP. H=50,20 SPINOTTO/PIN: L=65,00 Ø 26,00
SERIE SEGMENTI /STD RING SET/STD	102-47032	DIAM=84,00 - 2,0 x 2,0x 4,0
SERIE SEGMENTI/+0,50 RING SET /+0,50	102-47033	DIAM=84,50 - 2,0 x 2,0x 4,0
SERIE BRONZ. BIELLA/STD CONNECTING ROD BEARING SET/STD (Use 3 Pcs)	104-47009	ØALES.O MIN/HOUSING MIN: 51,00 LARGH.ZA/WIDTH:20,00 SPESS/THICK:1,50
SERIE BRONZ. BIELLA/+0,25 CONNECTING ROD BEARING SET/+0,25 (Use 3 Pcs)	104-47010	ØALES.O MIN/HOUSING MIN: 51,25 LARGH.ZA/WIDTH:20,00 SPESS/THICK:1,50
SERIE BRONZ. BIELLA/+0,50 CONNECTING ROD BEARING SET /+0,50 (Use 3 Pcs)	104-47011	ØALES.O MIN/HOUSING MIN: 51,50 LARGH.ZA/WIDTH:20,00 SPESS/THICK:1,50
SERIE BRONZ. BANCO/STD (Si usano 3 Pezzi) MAIN BEARING SET /STD (Use 3Pcs)	105-47009	ØALES.O MIN/HOUSING MIN: 54,00 LARGH.ZA/WIDTH:20,0 SPESS/THICK: 2,0
SERIE BRONZ. BANCO/+0,25 (Si usano 3 Pezzi) MAIN BEARING SET /+0,25 (Use 3PCS)	105-47010	ØALES.O MIN/HOUSING MIN: 54,25 LARGH.ZA/WIDTH:20,0 SPESS/THICK: 2,0
SERIE BRONZ. BANCO/+0,50 (Si usano 3 Pezzi) MAIN BEARING SET /+0,50 (Use 3PCS)	105-47011	ØALES.O MIN/HOUSING MIN: 54,50 LARGH.ZA/WIDTH:20,0 SPESS/THICK: 2,0
ALBERO A CAMME CAMSHAFT	124-47040	

Applicazioni/ Models:

Scavatori/ Excavator: Yanmar=> B50, B50-2, Vio50. Komatsu=> PC40, PC45, PC50, D20 o D21
Kobelco=> SK045 Takeuchi=> TB045 e TB53FR.

Trattori/Tractors: John Deere=> 900, 1000 (Series)

Carrelli elevatori/ Forklift: Komatsu=> G20/FG25/FG30

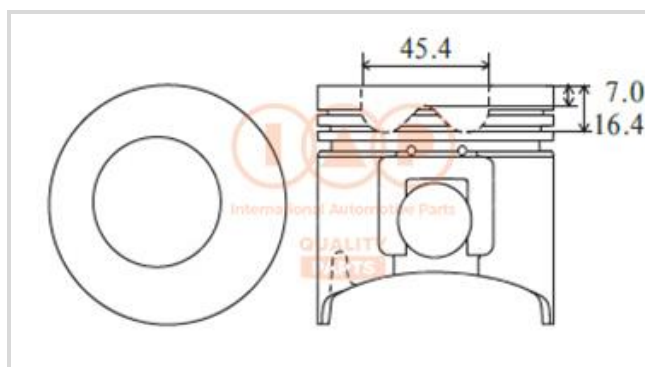
TIPO MOTORE / ENGINE TYPE

3TNE84

ALESAGGIO
BORE **84,00 mm**

N° CILINDRI
N° OF CYLINDER **3**

CILINDRATA C.C.
CAPACITY C.C. **1496**



DESCRIZIONE / DESCRIPTION	CODE	NOTE
SERIE PISTONI+SERIE SEGMENTI /STD PISTON SET WITH RINGS / STD	100-47002	L=84,0 COMP. H=47,2 SPINOTTO/PIN: L =69,0 Ø =26,0
SERIE PISTONI+ SERIE SEGMENTI/+0,50 PISTON SET WITH RINGS +0,50	100-47003	L=84,0 COMP. H=47,2 SPINOTTO/PIN: L =69,0 Ø =26,0
SERIE SEGMENTI /STD RING SET/STD	102-47002	DIAM=84,0 2,0,-2,0x4,0
SERIE SEGMENTI /STD RING +0.50	102-47003	DIAM=84,5 2,0,-2,0x4,0
SERIE BRONZ. BIELLA/STD CONNECTING ROD BEARING SET /STD	104-47012	ØALES.O MIN/HOUSING MIN: 51,00mm LARGH.ZA/WIDTH: 20mm LARGH/THICK:1,5mm
SERIE BRONZ. BIELLA/+0,25 CONNECTING ROD BEARING SET /+0,25	104-47013	ØALES.O MIN/HOUSING MIN: 51,25mm LARGH.ZA/WIDTH: 20mm LARGH/THICK:1,5mm
SERIE BRONZ. BIELLA/+0,50 CONNECTING ROD BEARING SET/+0,50	104-47014	ØALES.O MIN/HOUSING MIN: 51,50mm LARGH.ZA/WIDTH:20,00mm SPESS/THICK:1,5mm
SERIE BRONZ. BANCO/STD MAIN BEARING SET /STD	105-47012	ØALES.O MIN/HOUSING MIN: 54,00mm LARGH.ZA/WIDTH: 20mm SPESS./THICK:20mm
SERIE BRONZ. BANCO/+0,25 MAIN BEARING SET /+0,25	105-47013	ØALES.O MIN/HOUSING MIN: 54,25mm LARGH.ZA/WIDTH: 20mm SPESS./THICK:20mm
SERIE BRONZ. BANCO/+0,50 MAIN BEARING SET /+0,50	105-47014	ØALES.O MIN/HOUSING MIN: 54,50mm LARGH.ZA/WIDTH: 20mm SPESS./THICK:20mm
RASAMENTI THRUST BEARING	106-47012	DIAM.EST.= 69.0 LARG=59.0
SERIE BOCCOLE DI BIELLA CONROD BUSHING	107-47002	
VALVOLA ASPIRAZIONE VALVE INTAKE	110-47002	L=109,0 Ø1= 35,0 Ø2=8,0
VALVOLA SCARICO VALVE EXHAUST	110-47003	L=109,0 Ø1= 30,0 Ø2=8,0
SERIE GUARNIZIONI MOTORE FULL SET GASKET ENGINE	115-47002	C/GUARNIZIONE TESTATA W/CYLINDER HEAD GASKET
SERIE GUARNIZIONI SMERIGLIO CYLINDER HEAD GASKET SET	116-47002	C/GUARNIZIONE TESTATA W/CYLINDER HEAD GASKET



POMPA ACQUA
WATER PUMP

150-47010

ALTERNATORE
ALTERNATOR

802-47001 V=12 A=50 ØPULEGGIA/PULLEY= 74

Adatto per le sigle motore/Suitable for engine: Yanmar=> 3D84E-1FB, 3D84E-2FB, 3D84E-3A, 3D84E-3B, 3D84E-3F, 3D84E-3K, 3D84E-3LN, 3D84E-FX-AB, 3D84E-5X-AB, 3D84N-2AA, S3D84E-3B, S3D84E-3A, S3D84E-3C, 3D84E, S3D84E

Applicazioni/ Models:

Scavatori/ Excavator: Kobelco=> 35SR, SK035, SK030-2, SK30UR, SK35SR- Komatsu=> PC30MR,1,K, PC30MR,3, PC30MR,5, PC30MRX,1, PC30R,8, PC30UU, PC30UU,3, PC30UU,6, PC35R,7, PC35R,8, PC35MRX,1A, PC38UU,1, PC38UU-2, PC38UU-3

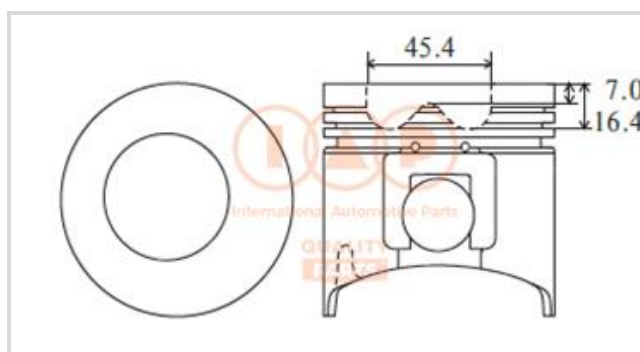
Trattori/Tractors: Yanmar=> AF326,AF328,AF330. John Deere=> 4300

Minipale/ Sked Steer Loader: Komatsu=> SK072, WA302, WA305NA, WA305W, WA305X, WA403, WA403RSX, WA403SFX, WA403X, WA503, WA503X. Hitachi=> LX30-2 -



4TNE84

ALESAGGIO 84,00 mm
BORE
N° CILINDRI 3
N° OF CYLINDER
CILINDRATA C.C. 1496
CAPACITY C.C



DESCRIZIONE / DESCRIPTION	CODE	NOTE
SERIE PISTONI+SERIE SEGMENTI /STD PISTON SET WITH RINGS / STD	100-47004	L=84,0 COMP. H=47,2 SPINOTTO/PIN: L =69,0 Ø =26,0
SERIE PISTONI+ SERIE SEGMENTI/+0,50 PISTON SET WITH RINGS +0,50	100-47005	L=84,0 COMP. H=47,2 SPINOTTO/PIN: L =69,0 Ø =26,0
SERIE SEGMENTI /STD RING SET/STD	102-47004	DIAM=84,0 2,0,-2,0x4,0
SERIE SEGMENTI /STD RING +0.50	102-47005	DIAM=84,5 2,0,-2,0x4,0
SERIE BRONZ. BIELLA/STD CONNECTING ROD BEARING SET /STD	104-47009	ØALES.O MIN/HOUSING MIN: 51,00 LARGH.ZA/WIDTH:20,00 SPESS/THICK:1,50
SERIE BRONZ. BIELLA/+0,25 CONNECTING ROD BEARING SET /+0,25	104-47010	ØALES.O MIN/HOUSING MIN: 51,25 LARGH.ZA/WIDTH:20,00 SPESS/THICK:1,50
SERIE BRONZ. BIELLA/+0,50 CONNECTING ROD BEARING SET /+0,50	104-47011	ØALES.O MIN/HOUSING MIN: 51,50 LARGH.ZA/WIDTH:20,00 SPESS/THICK:1,50
SERIE BRONZ. BANCO/STD MAIN BEARING SET /STD	105-47009	ØALES.O MIN/HOUSING MIN: 54,00 LARGH.ZA/WIDTH:20,0 SPESS/THICK: 2,0
SERIE BRONZ. BANCO/+0,25 MAIN BEARING SET /+0,25 (Use 3 Pcs)	105-47010	ØALES.O MIN/HOUSING MIN: 54,25 LARGH.ZA/WIDTH:20,0 SPESS/THICK: 2,0
SERIE BRONZ. BANCO/+0,50 MAIN BEARING SET /+0,50	105-47011	ØALES.O MIN/HOUSING MIN: 54,50 LARGH.ZA/WIDTH:20,0 SPESS/THICK: 2,0
RASAMENTI THRUST BEARING	106-47012	DIAM.EST.= 69.0 LARG=59.0
BOCCOLE DI BIELLA CONROD BUSHING	107-47004	
VALVOLA ASPIRAZIONE VALVE INTAKE	110-47002	L=109,0 Ø1= 35,0 Ø2=8,0
VALVOLA SCARICO VALVE EXHAUST	110-47003	L=109,0 Ø1= 30,0 Ø2=8,0
SERIE GUARNIZIONI MOTORE FULL SET GASKET ENGINE	115-47004	C/GUARNIZIONE TESTATA W/CYLINDER HEAD GASKET
SERIE GUARNIZIONI SMERIGLIO CYLINDER HEAD GASKET SET	116-47004	C/GUARNIZIONE TESTATA W/CYLINDER HEAD GASKET
POMPA ACQUA WATER PUMP	150-47010	
ALTERNATORE ALTERNATOR	802-47001	V=12 A=50 ØPULEGGIA/PULLEY= 74

Adatto per le sigle motore/Suitable for engine: Yanmar=>4TNE84-AF, 4TNE84-GB2B, 4TNE84-EAF, 4TNE84-EMSA, Komatsu=> 4D84E-3FB, 4D84E-3B, 4D84E-3C, 4D84E-3D, S4D84E-1FD, 4D84E-3E, 4D84E

Applicazioni/ Models:

Scavatori/Excavator : Kobelco=> SK40SR-2 ; Komatsu=>PC45-1, PC40-7, PC40R-8, PC45R-8, PC40MRX-E, PC45MRX-1-E,

Minipale/ Sked Steer Loader: Komatsu=> SK510, SK815, SK820, SK820-5

Generatore/Generators: Yanmar=> YEG400DSHC, YEG400DSHS, YEG400DTHC, YEG400DTHS, YEG400DTHS-5B

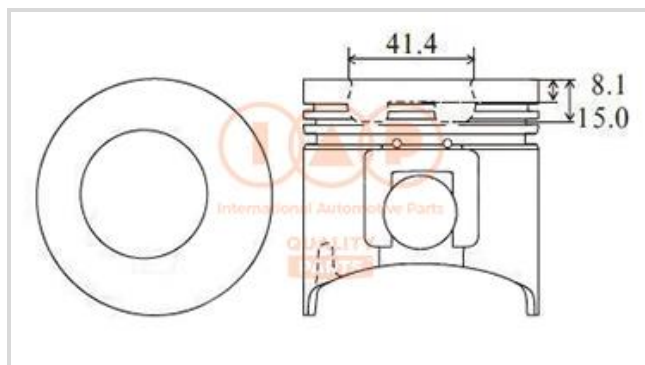
TIPO MOTORE / ENGINE TYPE

3TNV84

ALESAGGIO 84,00 mm
BORE

N° CILINDRI 3
N° OF CYLINDER

CILINDRATA C.C. 1496
CAPACITY C.C



DESCRIZIONE / DESCRIPTION	CODE	NOTE
SERIE PISTONI+SERIE SEGMENTI /STD PISTON SET WITH RINGS / STD	100-47026	L=84,0 COMP. H=47,3 SPINOTTO/PIN: L= 69,0 Ø 26,0
SERIE PISTONI+ SERIE SEGMENTI/+0,50 PISTON SET WITH RINGS +0,50	100-47027	L=84,0 COMP. H=47,3 SPINOTTO/PIN: L= 69,0 Ø 26,0
SERIE SEGMENTI /STD RING SET/STD	102-47026	DIAM=84,0 2,0,-2,0x4,0
SERIE SEGMENTI/+0,50 RING SET /+0,50	102-47027	LDIAM=84,5 2,0,-2,0x4,0
SERIE BRONZ. BIELLA/STD CONNECTING ROD BEARING SET /STD	104-47012	ØALES.O MIN/HOUSING MIN: 51,00mm LARGH.ZA/WIDTH: 20mm LARGH/THICK:1,5mm
SERIE BRONZ. BIELLA/+0,25 CONNECTING ROD BEARING SET /+0,25	104-47013	ØALES.O MIN/HOUSING MIN: 51,25mm LARGH.ZA/WIDTH: 20mm LARGH/THICK:1,5mm
SERIE BRONZ. BIELLA/+0,50 CONNECTING ROD BEARING SET/+0,50	104-47014	ØALES.O MIN/HOUSING MIN: 51,50mm LARGH.ZA/WIDTH:20,00mm SPESS/THICK:1,5mm
SERIE BRONZ. BANCO/STD MAIN BEARING SET /STD	105-47012	ØALES.O MIN/HOUSING MIN: 54,00mm LARGH.ZA/WIDTH: 20mm SPESS./THICK:20mm
SERIE BRONZ. BANCO/+0,25 MAIN BEARING SET /+0,25	105-47013	ØALES.O MIN/HOUSING MIN: 54,25mm LARGH.ZA/WIDTH: 20mm SPESS./THICK:20mm
SERIE BRONZ. BANCO/+0,50 MAIN BEARING SET /+0,50	105-47014	ØALES.O MIN/HOUSING MIN: 54,50mm LARGH.ZA/WIDTH: 20mm SPESS./THICK:20mm
VALVOLA ASPIRAZIONE VALVE INTAKE	110-47026	L=109,0 Ø1= 36,2 Ø2=8,0
RASAMENTI THRUST BEARING	106-47012	DIAM.EST.= 69,0 LARG=59,0
VALVOLA ASPIRAZIONE VALVE INTAKE	110-47028	L=100,0 Ø1= 28 Ø2=6,0
VALVOLA SCARICO VALVE EXHAUST	110-47027	L=100,0 Ø1= 24,0 Ø2=6,0

Adatto per le sigle motore/Suitable for engine: Yanmar=>3TNV84-K5FD,3TNV84-BGKL,3TNV84-BGMG,3TNV84-BKSA2,3TNV84-BMCU,3TNV84-BMNK,3TNV84-BXNK,3TNV84-

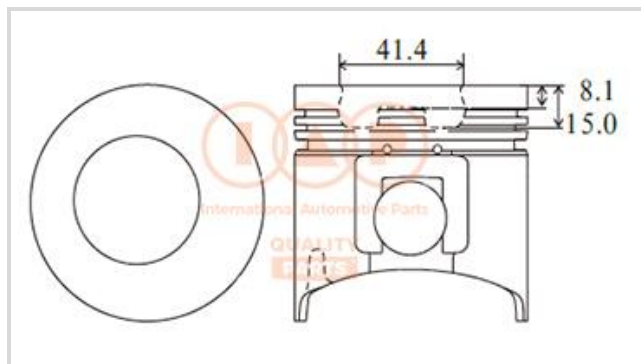


DUW,3TNV84-DZP01,3TNV84-DZP02,3TNV84-DZP03,3TNV84-GDG,3TNV84-GGE,3TNV84-GKL,3TNV84-GMG,3TNV84-GKM,3TNV84-GYM,3TNV84-GZG01,3TNV84-KMW,3TNV84-KSA,3TNV84-KSA2,3TNV84-KSA3,3TNV84-KUP,3TNV84-LUZ, 3TNV84-MU2,3TNV84-NBK,3TNV84-NU1,3TNV84-Q1K,3TNV84-Q1KA,3TNV84-S1K, 3TNV84-XKMR,3TNV84-XWL,3TNV84-QIKA, Komatsu=> 3D84E-5QQB,3D84E-5NBA,3D84E-5XAB,S3D84E-5X-AC,S3D84E-5X-AB,S3D84-5XAB, S3D84-5XA.Isuzu=> 3CD1-DZP01,3CD1-DZP02,3CD1-DZP03,3CD1-DZP04,3CD1-DZP05,3CD1-GZG01,3CD1KZP01,3CD1KZP02,3CD1-KZP03,3CD1-MZP01.Isuzu Marine=> 3JH3, 3JH3E, 3JH3CE.

Applicazioni/ Models:

Scavatori/Excavator: Komatsu=> PC30MR-2 , PC30MR-2-A , PC30MR-2-B , PC30MR-2-C , PC30MR-2-D,SK510-5.

Minipale/ Skeed Steer Loader: Komatsu=> WA30-5 , WA40-3 ,WA40-3-CB, WA40-3-CN,WA50-3, WA50-3CB, WA50-3-CN

4TNV84**ALESAGGIO** **84,00 mm**
BORE**N° CILINDRI** **4**
N° OF CYLINDER**CILINDRATA C.C.** **1995**
CAPACITY C.C

DESCRIZIONE / DESCRIPTION	CODE	NOTE
SERIE PISTONI+SERIE SEGMENTI /STD PISTON SET WITH RINGS / STD	100-47032	L= 84,0 COMP. H=47,3 SPINOTTO/PIN: L=69,0 Ø 26,0
SERIE PISTONI+ SERIE SEGMENTI/+0,50 PISTON SET WITH RINGS +0,50	100-47033	L= 84,0 COMP. H=47,3 SPINOTTO/PIN: L=69,0 Ø 26,0
SERIE SEGMENTI /STD RING SET/STD	102-47032	DIAM=84,0 - 2,0x2,0x4,0
SERIE SEGMENTI/+0,50 RING SET /+0,50	102-47033	DIAM=84,5 - 2,0x2,0x4,0
SERIE BRONZ. BIELLA/STD CONNECTING ROD BEARING SET /STD	104-47009	ØALES.O MIN/HOUSING MIN: 51,00 LARGH.ZA/WIDTH:20,00 SPESS/THICK:1,50
SERIE BRONZ. BIELLA/+0,25 CONNECTING ROD BEARING SET /+0,25	104-47010	ØALES.O MIN/HOUSING MIN: 51,25 LARGH.ZA/WIDTH:20,00 SPESS/THICK:1,50
SERIE BRONZ. BIELLA/+0,50 CONNECTING ROD BEARING SET /+0,50	104-47011	ØALES.O MIN/HOUSING MIN: 51,50 LARGH.ZA/WIDTH:20,00 SPESS/THICK:1,50
SERIE BRONZ. BANCO/STD MAIN BEARING SET /STD	105-47009	ØALES.O MIN/HOUSING MIN: 54,00 LARGH.ZA/WIDTH:20,0 SPESS/THICK: 2,0
SERIE BRONZ. BANCO/+0,25 MAIN BEARING SET /+0,25 (Use 3 Pcs)	105-47010	ØALES.O MIN/HOUSING MIN: 54,25 LARGH.ZA/WIDTH:20,0 SPESS/THICK: 2,0
SERIE BRONZ. BANCO/+0,50 MAIN BEARING SET /+0,50	105-47011	ØALES.O MIN/HOUSING MIN: 54,50 LARGH.ZA/WIDTH:20,0 SPESS/THICK: 2,0
RASAMENTI THRUST BEARING	106-47012	DIAM.EST.= 69,0 LARG=59,0

Adatto per le sigle motore/Suitable for engine: Yanmar=>4TNV84-
DMW,4TNV84GGE,4TNV84-KLAN,4TNV84-KVA,4TNV84-LU2 Isuzu Marine=> 4JH3

Applicazioni/ Models:

Trattori/Tractors: New Holland=> T3020. Landini=> Mistral 2-045-45

Minipale/Skeed Steer Loader: Mustang=> 2044

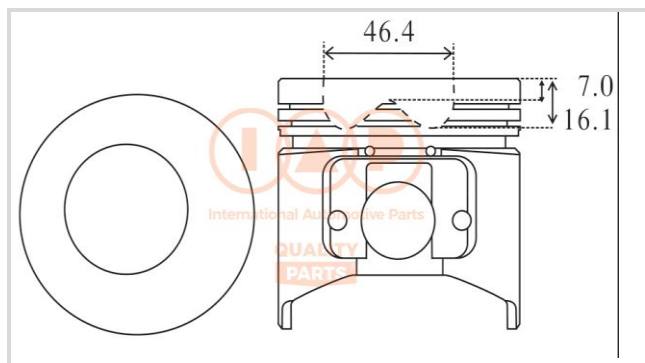
TIPO MOTORE / ENGINE TYPE

4TNE86

ALESAGGIO
BORE **86,00 mm**

N° CILINDRI
N° OF CYLINDER **4**

CILINDRATA C.C.
CAPACITY C.C

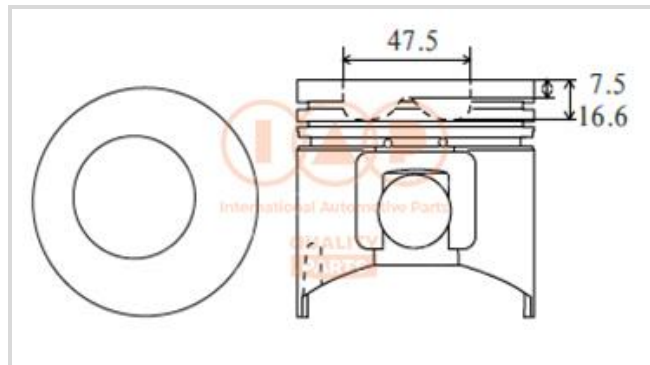


DESCRIZIONE / DESCRIPTION	CODE	NOTE
SERIE PISTONI+SERIE SEGMENTI /STD PISTON SET WITH RINGS / STD	100-47048	L=84.00 COMP. H=46.4 SPINOTTO/PIN: L=67,0 Ø 24,0
SERIE PISTONI+ SERIE SEGMENTI/+0,50 PISTON SET WITH RINGS +0,50	100-47049	L=84.00 COMP. H=46.4 SPINOTTO/PIN: L=67,0 Ø 24,0
SERIE SEGMENTI /STD RING SET/STD	102-47048	2,0 X 2,0 X 4,0
SERIE SEGMENTI/+0,50 RING SET /+0,50	102-47049	2,0 X 2,0 X 4,0

Adatto per le sigle motore/Suitable for engine Thermo King=> K4.86 o TK486

Applicazioni/ Models:

Refrigeratori Semirimorchi/ Semi-trailer refrigerators: Thermo King=> SL-100 , SL-100e, SL-200 , SL-200e, SL-300, SL-400, SL-400e, SL Spectrum, SB-110,SB-200, SB-210, SB-210+, SB-300, SB-310, SB-400, SLX 200, SLX 400.

3TNE88**ALESAGGIO**
BORE **88,00 mm****N° CILINDRI**
N° OF CYLINDER **3****CILINDRATA C.C.**
CAPACITY C.C. **1642**

DESCRIZIONE / DESCRIPTION	CODE	NOTE
SERIE PISTONI+ SERIE SEGMENTI/STD PISTON SET WITH RINGS/STD	100-47000	L=84,0 COMP. H=47,2 SPINOTTO/PIN: L=69,5 Ø=26,0
SERIE PISTONI+ SERIE SEGMENTI/+0,50 PISTON SET WITH RINGS +0,50	100-47001	L=84,0 COMP. H=47,2 SPINOTTO/PIN: L=69,5 Ø=26,0
SERIE SEGMENTI /STD RING SET/STD	102-47006	DIAM=88,0 - 2,0x2,0x4,0
SERIE SEGMENTI/+0,50 RING SET /+0,50	102-47007	DIAM= 88,50 - 2,0x2,0x4,0
SERIE BRONZ. BIELLA/STD CONNECTING ROD BEARING SET /STD	104-47012	ØALES.O MIN/HOUSING MIN: 51,00 LARGH.ZA/WIDTH:20,00 SPESS/THICK:1,50
SERIE BRONZ. BIELLA/+0,25 CONNECTING ROD BEARING SET /+0,25	104-47013	ØALES.O MIN/HOUSING MIN: 51,25 LARGH.ZA/WIDTH:20,00 SPESS/THICK:1,50
SERIE BRONZ. BIELLA/+0,50 CONNECTING ROD BEARING SET /+0,50	104-47014	ØALES.O MIN/HOUSING MIN: 51,50 LARGH.ZA/WIDTH:20,00 SPESS/THICK:1,50
SERIE BRONZ. BANCO/STD MAIN BEARING SET /STD	105-47012	ØALES.O MIN/HOUSING MIN: 54,00 LARGH.ZA/WIDTH:20,0 SPESS/THICK: 2,0
SERIE BRONZ. BANCO/+0,25 MAIN BEARING SET /+0,25	105-47013	ØALES.O MIN/HOUSING MIN: 54,25 LARGH.ZA/WIDTH:20,0 SPESS/THICK: 2,0
SERIE BRONZ. BANCO/+0,50 MAIN BEARING SET /+0,50	105-47014	ØALES.O MIN/HOUSING MIN: 54,50 LARGH.ZA/WIDTH:20,0 SPESS/THICK: 2,0
RASAMENTI THRUST BEARING	106-47012	DIAM.EST.= 69,0 LARG=59,0
SERIE GUARNIZIONI MOTORE FULL SET GASKET ENGINE	115-47000	C/GUARNIZIONE TESTATA W/CYLINDER HEAD GASKET
SERIE GUARNIZIONI SMERIGLIO CYLINDER HEAD GASKET SET	116-47000	C/GUARNIZIONE TESTATA W/CYLINDER HEAD GASKET
ALTERNATORE ALTERNATOR	802-47001	V=12 A=50 PULEGGIA/PULLEY: 74mm
MOTORINO DI AVVIAMENTO STARTER MOTOR	803-45000	V=12 KW=1,4 DENTI/THEET=11

Adatto per le sigle motore/Suitable for engine: Yanmar=> 3TNE88-AGD, 3TNE88-AMU, 3TNE88- BUE, 3TNE88- CR, 3TNE88- EG1A, 3TNE88-GIA, 3TNE88-G1AO1, 3TNE88-LAN, 3TNE88-MC-EK, 3TNE88-MC-K, 3TNE88-NSR, 3TNE88-PG, 3TNE88-SA, 3TNE88-TB 3TNE88-YC, 3TNE88-TB, 3TNE88-TB1,

3TNE88-ETB, 3TNE88-ETB1, 3TNE88-ACG, 3TNE88-ACGD. Komatsu=> 3D88E-3A, 3D88-3B, 3D88E, 3D88.

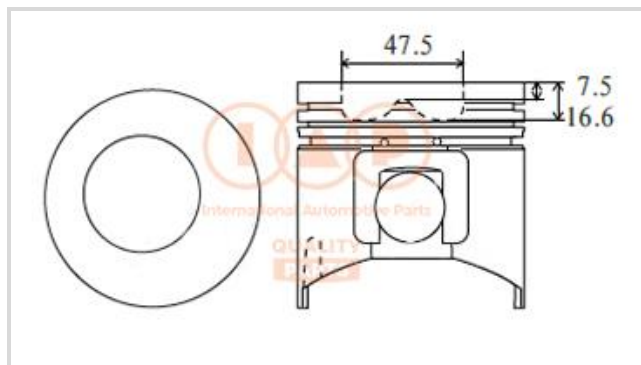
Applicazioni/ Models:

Scavatori/Excavator: Yanmar=> B37-2B, B37V, B37V-1, ViO40, ViO40-1, ViO40-2, ViO45

Komatsu=> PC40FR-1, PC40FR-2, ZHM1500- Takeuchi=> TB135

Trattori/Tractors: Takeuchi=> TTR4400. Landini=> MISTRAL 38, MISTRAL 40

Minipale/Skeed Steer Loader: Mustang=> 2032, Gehl=> SL3635

4TNE88**ALESAGGIO**
BORE **88,00 mm****N° CILINDRI**
N° OF CYLINDER **4****CILINDRATA C.C.**
CAPACITY C.C. **2190**

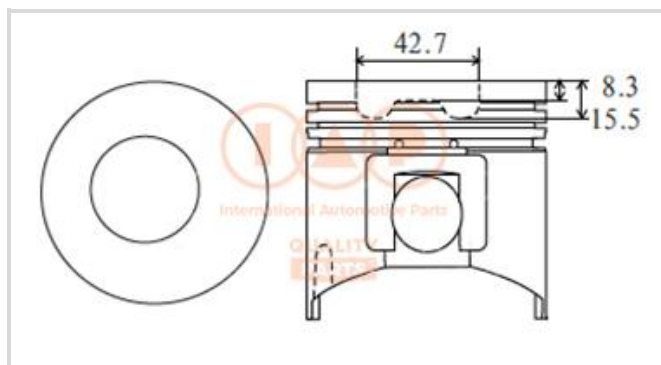
DESCRIZIONE / DESCRIPTION	CODE	NOTE
SERIE PISTONI+ SERIE SEGMENTI/STD PISTON SET WITH RINGS/STD	100-47008	L=84,0 COMP. H=47,2 SPINOTTO/PIN: L= 69,5 Ø 26,0
SERIE PISTONI+ SERIE SEGMENTI/+0,50 PISTON SET WITH RINGS +0,50	100-47009	L=84,0 COMP. H=47,2 SPINOTTO/PIN: L= 69,5 Ø 26,0
SERIE SEGMENTI /STD RING SET/STD	102-47008	DIAM=88,00 - 2,0x ,2,0 x4,0
SERIE SEGMENTI/+0,50 RING SET /+0,50	102-47009	DIAM=88,50 - 2,0x ,2,0 x4,0
SERIE BRONZ. BIELLA/STD CONNECTING ROD BEARING SET /STD	104-47009	ØALES.O MIN/HOUSING MIN: 51,00 LARGH.ZA/WIDTH:20,00 SPESS/THICK:1,50
SERIE BRONZ. BIELLA/+0,25 CONNECTING ROD BEARING SET /+0,25	104-47010	ØALES.O MIN/HOUSING MIN: 51,25 LARGH.ZA/WIDTH:20,00 SPESS/THICK:1,50
SERIE BRONZ. BIELLA/+0,50 CONNECTING ROD BEARING SET /+0,50	104-47011	ØALES.O MIN/HOUSING MIN: 51,50 LARGH.ZA/WIDTH:20,00 SPESS/THICK:1,50
SERIE BRONZ. BANCO/STD MAIN BEARING SET /STD	105-47009	ØALES.O MIN/HOUSING MIN: 54,00 LARGH.ZA/WIDTH:20,0 SPESS/THICK: 2,0
SERIE BRONZ. BANCO/+0,25 MAIN BEARING SET /+0,25	105-47010	ØALES.O MIN/HOUSING MIN: 54,25 LARGH.ZA/WIDTH:20,0 SPESS/THICK: 2,0
SERIE BRONZ. BANCO/+0,50 MAIN BEARING SET /+0,50	105-47011	ØALES.O MIN/HOUSING MIN: 54,50 LARGH.ZA/WIDTH:20,0 SPESS/THICK: 2,0
RASAMENTI THRUST BEARING	106-47012	DIAM.EST.= 69.0 LARG=59.0
SERIE GUARNIZIONI MOTORE FULL SET GASKET ENGINE	115-47008	C/GUARNIZIONE TESTATA W/CYLINDER HEAD GASKET
SERIE GUARNIZIONI SMERIGLIO CYLINDER HEAD GASKET SET	116-47008	C/GUARNIZIONE TESTATA W/CYLINDER HEAD GASKET
POMPA ACQUA WATER PUMP	150-47010	
POMPA OLIO OIL PUMP	160-47008	
ALTERNATORE ALTERNATOR	802-47001	V=12 A=50 PULEGGIA/PULLEY: 74mm
MOTORINO DI AVVIAMENTO STARTER MOTOR	803-45000	V=12 KW=1,4 DENTI/THEET=11

Adatto per le sigle motore/Suitable for engine: Yanmar=> 4TNE88-ACGD,4TNE88-AD,4TNE88-ADEL,4TNE88-AGD,4TNE88-BEN,4TNE88-BUE,4TNE88-EACG,4TNE88-EAD,4TNE88-EAD1,4TNE88-EADS,4TNE88-EC1MC,4TNE88-EFL,4TNE88-EG1A,4TNE88-GR,4TNE88-HP,4TNE88-YS,4TNE88-IKA,4TNE88-LAN,4TNE88-M-EK,4TNE88-MS,4TNE88-NS,4TNE88-NSR,4TNE88-NSW,4TNE88-PG,4TNE88-P2,4TNE88-SA,4TNE88-TB,4TNE88-TB1,4TNE88-ETB, 4TNE88-ETB1,4TNE88-ETBZ,4TNE88-EYBC Komatsu=> 4D88E-3A 4D88E-3B 4D88E-3C 4D88E-3GB 4D88E-3H 4D88E-3D, 4D88E-3F, 4D88E-3CM, 4D88E-3C-04, 4D88E.

Applicazioni/ Models:

Scavatore/Excavator: Yanmar=>B50-2A , B50-2B , B6-3 , B6U , B6U-1 , B7-5 , B7-5A, ViO50 , ViO50-1 , ViO50-2, ViO55 , B 50 V ,VIO50 V. Case=> CX47, CX50B. Kolbeco=> B84, CX47 SK45SR-2, SK50UR,-3, Z75, Z76. SK40 SR, SK50 SR, SK55 SR, SK55 SRX. Waker Neuson=>3003, 3402, 350, 3, 3602, 3703, 5002.

Minipale/Skeed Steer Loader: BELLE=> 761 XP, 761 XS, 761.

3TNV88**ALESAGGIO** **88,00 mm**
BORE**N° CILINDRI** **3**
N° OF CYLINDER**CILINDRATA C.C.** **1642**
CAPACITY C.C

DESCRIZIONE / DESCRIPTION	CODE	NOTE
SERIE PISTONI+SERIE SEGMENTI /STD PISTON SET WITH RINGS / STD	100-47006	L=84,0 COMP. H=47,2 SPINOTTO/PIN: L= 69,5 Ø 26,0
SERIE PISTONI+ SERIE SEGMENTI/+0,50 PISTON SET WITH RINGS +0,50	100-47007	L=84,0 COMP. H=47,2 SPINOTTO/PIN: L= 69,5 Ø 26,0
SERIE SEGMENTI /STD RING SET/STD	102-47006	DIAM=88,0 - 2,0x2,0x4,0
SERIE SEGMENTI/+0,50 RING SET /+0,50	102-47007	DIAM=88,5 - 2,0x2,0x4,0
SERIE BRONZ. BIELLA/STD CONNECTING ROD BEARING SET /STD	104-47012	ØALES.O MIN/HOUSING MIN: 51,00 LARGH.ZA/WIDTH:20,00 SPESS/THICK:1,50
SERIE BRONZ. BIELLA/+0,25 CONNECTING ROD BEARING SET /+0,25	104-47013	ØALES.O MIN/HOUSING MIN: 51,25 LARGH.ZA/WIDTH:20,00 SPESS/THICK:1,50
SERIE BRONZ. BIELLA/+0,50 CONNECTING ROD BEARING SET /+0,50	104-47014	ØALES.O MIN/HOUSING MIN: 51,50 LARGH.ZA/WIDTH:20,00 SPESS/THICK:1,50
SERIE BRONZ. BANCO/STD MAIN BEARING SET /STD	105-47012	ØALES.O MIN/HOUSING MIN: 54,00 LARGH.ZA/WIDTH:20,0 SPESS/THICK: 2,0
SERIE BRONZ. BANCO/+0,25 MAIN BEARING SET /+0,25	105-47013	ØALES.O MIN/HOUSING MIN: 54,25 LARGH.ZA/WIDTH:20,0 SPESS/THICK: 2,0
SERIE BRONZ. BANCO/+0,50 MAIN BEARING SET /+0,50	105-47014	ØALES.O MIN/HOUSING MIN: 54,50 LARGH.ZA/WIDTH:20,0 SPESS/THICK: 2,0
RASAMENTI THRUST BEARING	106-47012	DIAM.EST.= 69,0 LARG=59,0
POMPA ELETTRICA CARBURANTE ELECTRIC FUEL PUMP	114-47000	
SERIE GUARNIZIONI SMERIGLIO CYLINDER HEAD GASKET SET	116-47000	C/GUARNIZIONE TESTATA W/CYLINDER HEAD GASKET
MOTORINO DI AVVIAMENTO STARTER MOTOR	803-45000	V=12 KW=1,4 DENTI/THEET=11

Adatto per le sigle motore/Suitable for engine: Yanmar=> 3TNV88.BDVR,3TNV88-BKMW,3TNV88-BPTB,3TNV88-BPTB2,3TNV88-BPYB,3TNV88-DCR,3TNV88-DSAP,3TNV88-EMS,3TNV88-GYM,3TNV88-MU2,3TNV88-NBK,3TNV88-SDB,3TNV88-XAMM. Komatsu=> 3D88E-5PBA, 3D88E-6BP-DA, 3D88E-6 3D88E 3D88E-5NFA. Isuzu=> 3CE1-BDZP, 3CE1-BZDP2, 3CE1-BZDP3, 3CE1-BZDP4, 3CE1-BZDP5, 3CE1-GZG01, 3CE1,BGZG1, 3CE1-KZP01, 3CE1-KZP02, 3CE1-KZP03, 3CE1-BMZP1, 3CE1-BPZP0,3CE1-WZS01,3CE1-BWZS1, 3CE1-PZP01.

Applicazioni/ Models:

Scavatore/Excavator : Yanmar=> ViO30 , ViO33 , ViO35 , ViO355 , ViO30. ViO35 , B37 , B372 , B37V , VIO38 U , VIO45. Volvo=> EC27C, ECR38. Takeuchi=> TB135, TB138FR, TB230, TB235, TB250, TB 23. Komatsu=> PC35MR-2NA, PC35MR-2-NB, PC35MR-2-S, PC35MR-2-SB, PC30MR-3, PC35MR-2, PC35MR-2-A. PC35MR-2-B, PC35MR-3, PC35R-8. Hitachi=> ZX27U-2, ZX30UR-2, ZX30U-2, ZX35U-2, ZX27U-3, ZX27U-3F, ZX27UNA-3, ZX29U-3, ZX29U-3F, ZX30U-3, ZX30U-3F, ZX30U-3U, ZX30UR-3, ZX30UR-3U, ZX33U-3, ZX33U-3F, ZX35U-3U, ZX35UNA-3, ZX38U-3 ZX38U-3F ZX33 U 5, ZX38 U 5. John Deere=> 27D, 35D. Doosan=> 35DX. Hyundai=> R35Z7, R35Z7A, R35Z. New Holland=> E30.2 SR, E 35.2 SR. Kobelco=> CX31, CX31B, CX36, CX36B , SK30-5, SK35SR-5, Z82, Z83 -Z83RP -Z83RP-CHN , SK30 SR -

Minipale/Skeed Steer Loader: Gehl SL3635 , SL3840, SL3935, 2026, 3640E, 3840, EC27C, ECR38.

Trattore/Tractors: Landini=> 4645 ISM-ARM, 4645 VRM. GEHLMAX-IHI=> MB 35 VX.. Club Cadet=> EX2900, EX3200, SX3100. New Holland=> T3010, E30B, E30BSR, E35B, E35BSR, E36B.

Rullo Schiacciasassi/Tandem-Roller: Ammann=> ARX23 K , ARX23 , ARX26 K , ARX26 , AV23 K , AV23 , AV232 K , AV232 , AV26 K , AV26 , AV262 K , AV262 - , AV32 K , AV322 K , AV322 , AV332 , AV402 K , AV402 ,

TIPO MOTORE / ENGINE TYPE

4TNV88

ALESAGGIO **88,00 mm**

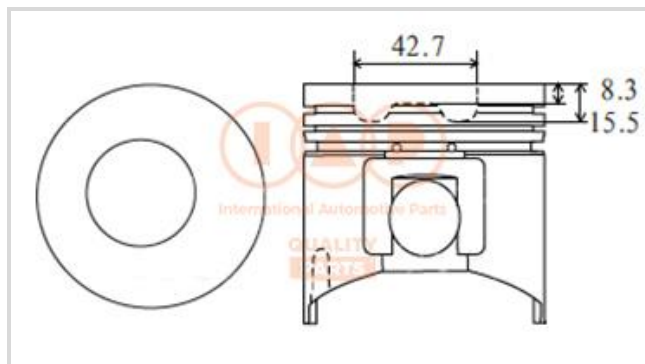
BORE

N° CILINDRI **4**

N° OF CYLINDER

CILINDRATA C.C. **2190**

CAPACITY C.C



DESCRIZIONE / DESCRIPTION	CODE	NOTE
SERIE PISTONI+SERIE SEGMENTI /STD PISTON SET WITH RINGS / STD	100-47014	L=84,0 COMP. H=47,2 SPINOTTO/PIN: L= 69,5 Ø 26,0
SERIE PISTONI+ SERIE SEGMENTI/+0,50 PISTON SET WITH RINGS +0,50	100-47015	L=84,0 COMP. H=47,2 SPINOTTO/PIN: L= 69,5 Ø 26,0
SERIE SEGMENTI /STD RING SET/STD	102-47008	DIAM=88,0 - 2,0x,2,0x4,0
SERIE SEGMENTI/+0,50 RING SET /+0,50	102-47009	DIAM=88,5 - 2,0x,2,0x4,0
SERIE BRONZ. BIELLA/STD CONNECTING ROD BEARING SET /STD	104-47009	ØALES.O MIN/HOUSING MIN: 51,00 LARGH.ZA/WIDTH:20,00 SPESS/THICK:1,50
SERIE BRONZ. BANCO/+0,25 MAIN BEARING SET /+0,25 (Use 3 Pcs)	104-47010	ØALES.O MIN/HOUSING MIN: 54,25 LARGH.ZA/WIDTH:20,0 SPESS/THICK: 2,0
SERIE BRONZ. BIELLA/+0,50 CONNECTING ROD BEARING SET /+0,50	104-47011	ØALES.O MIN/HOUSING MIN: 51,50 LARGH.ZA/WIDTH:20,00 SPESS/THICK:1,50
SERIE BRONZ. BANCO/STD MAIN BEARING SET /STD	105-47009	ØALES.O MIN/HOUSING MIN: 54,00 LARGH.ZA/WIDTH:20,0 SPESS/THICK: 2,0
SERIE BRONZ. BANCO/+0,25 MAIN BEARING SET /+0,25	105-47010	ØALES.O MIN/HOUSING MIN: 54,25 LARGH.ZA/WIDTH:20,0 SPESS/THICK: 2,0
SERIE BRONZ. BANCO/+0,50 MAIN BEARING SET /+0,50	105-47011	ØALES.O MIN/HOUSING MIN: 54,50 LARGH.ZA/WIDTH:20,0 SPESS/THICK: 2,0
RASAMENTI THRUST BEARING	106-47012	DIAM.EST.= 69.0 LARG=59.0
POMPA ELETTRICA CARBURANTE ELECTRIC FUEL PUMP	114-47000	

Adatto per le sigle motore/Suitable for engine: Yanmar=> 4TNV88-BDAW 4TNV88-BDSA, 4TNV88-BPNKR, 4TNV88-BPTB, 4TNV88-BDAW, 4TNV88-BPNS, 4TNV88-BXPYBD 4TNV88-DSA 4TNV88-DSAP, 4TNV88-GGEH, 4TNV88-GGEP, 4TNV88-GKM, 4TNV88-GYM, 4TNV88-LU2, 4TNV88-NBK 4TNV88-PTBZ1, 4TNV88-QTB, 4TNV88-XMS, 4TNV88-XWL, 4TNV88-N5FA, 4TNV88-K5FD, 4TNV88-BPHB 4TNV88-BDHKS1, 4TNV88-BNBK, 4TNV88-DAE, 4TNV88-ZPBV. Komatsu=> 4D88E-5XAB, 4D88E-5XAC, 4D88E-6, 4D88E-5XBB, 4D88E-5XBC, 4D88E-5NFA, 4D88E-5KFD 621.



Applicazioni/ Models:

Scavatore/Excavator : Yanmar=> VIO45-5B, VIO50 , VIO55-5B, VIO55, VIO57 U. Gehl=> 353, 373, 503Z. Volvo=> EC35, C45, EC45, ECR48. Wacker Neuson=> 3503 VDS, 50Z3 VDS. 3503, 3703, 50Z3. Mustang=> 450Z NXT2, 1350R, 1500R. Takeuchi=> TB53RF, TB145, TB153FR, TB53FR, TB250, TB 250. Hitachi=> ZX40U-2, ZX50U-2, ZX40U-3, ZX40U-3F, ZX40U-3U, ZX40UR-3, ZX40UR-3D, ZX40UR-3DU, ZX40UR-3U, ZX48U-3, ZX48U-3F, ZX50U-3, ZX50U-3F, ZX50U-3U, ZX50UNA-3, ZX52U-3, ZX52U-3F. Kobelco=> CX50, CX50B, CX55B, Z76RP, Z84, Z85, Z85RP, Z89. Komatsu=> PC40MR-2, PC40MR-2-AC . PC40MR-3 , PC45MR-3 , PC45R-8 , PC50MR-2 , PC50MR-2-AC, PC50MR-3 , PC55MR-3 , PC58UU-3 - SK818-5. Gehlmax/IHI=> MB 50 VX , MB 55 VX. Airman=> AX40 UCGL4, AX48 U 6A, AX50 UCGL4, AX52 U 5 , AX55 U 6A.

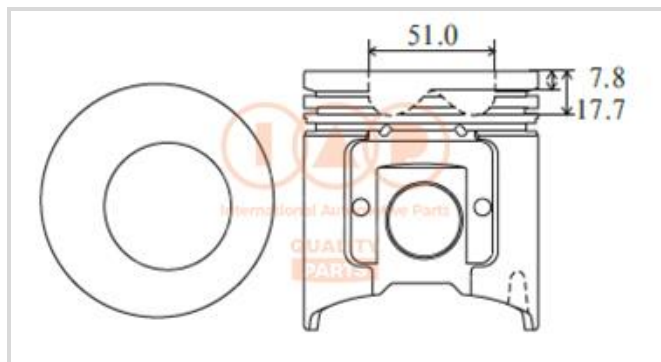
Minipale/Skeed Steer Loader: Gehl=> SL4240 , 4240E , 540 , 540R , 2044 , 2054. Volvo=> MC60, MC60B. Mustang=> 2041. 2044, 2054. Takeuchi=> TL 130. Komatsu=> SK714-5 , SK815-5.

Trattore/Tractors: New Holland=> T3030, E55BX. Landini=> 2-050 4655, 4655 VRM.

Rullo Schiacciasassi/Tandem-Roller: Amman=> ARX36 -, ARX40 K, ARX40, ARX45.

TIPO MOTORE / ENGINE TYPE

4TNE94

ALESAGGIO
BORE **94,00 mm**
N° CILINDRI
N° OF CYLINDER **4**
CILINDRATA C.C.
CAPACITY C.C. **2276**


DESCRIZIONE / DESCRIPTION	CODE	NOTE
SERIE PISTONI+SERIE SEGMENTI /STD PISTON SET WITH RINGS / STD	100-47030	L=103,8 COMP. H=59,70 SPINOTTO/PIN: L=74,00 Ø 30,00
SERIE PISTONI+ SERIE SEGMENTI/+0,50 PISTON SET WITH RINGS +0,50	100-47031	L=103,8 COMP. H=59,70 SPINOTTO/PIN: L=74,00 Ø 30,00
SERIE SEGMENTI /STD RING SET/STD	102-47020	DIAM=94,00 - 2,0 x 2,0 x 3,0
SERIE SEGMENTI/+0,50 RING SET /+0,50	102-47021	DIAM=94,50 - 2,0 x 2,0 x 3,0
VALVOLA ASPIRAZIONE VALVE INTAKE	110-47010	L=115,6 Ø1=41 Ø2=8
VALVOLA SCARICO VALVE EXHAUST	110-47011	L=115,2 Ø1= 35 Ø2= 8
SERIE GUARNIZIONI MOTORE FULL SET GASKET ENGINE	115-47030	C/GUARNIZIONE TESTATA W/CYLINDER HEAD GASKET
SERIE GUARNIZIONI SMERIGLIO CYLINDER HEAD GASKET SET	116-47030	C/GUARNIZIONE TESTATA W/CYLINDER HEAD GASKET
ALTERNATORE ALTERNATOR	802-47001	V=12 A=50 ØPULEGIA/PULLEY= 74
MOTORINO DI AVVIAMENTO STARTER MOTOR	803-47007	V=12 KW=2,3 DENTI/THEET=9
POMPA ACQUA WATER PUMP	150-47013	

Adatto per le sigle motore/Suitable for engine: Yanmar=> 4TNE94-ACG,4TNE94-DBW,4TNE94 DBWK,4TNE94-EIK,4TNE94-G1A, 4TNE94-HLB,4TNE94-HYB,4TNE94-SA, 4TNE94-SF, 4TNE94-SFW,4TNE94-WI. Komatsu=> 4D94E-1A, 4D94E

Applicazioni/ Models:

Carrelli elevatori/ Forklift: Clark=> C20D, C25D, C30D. Komatsu=>500PD-14 , D20P-7, FD20 , FD20T , FD20T-14 , FD25 ,FD30 , FD30T-14 , P60-BXD , FG25T-12.

Scavatore/Excavator :Yanmar=> B55W, B55W-1 Daewoo=> SOLAR 55V. Hiunday=> Robex 55-3, Robex 55W, Robex 55W-3. Komatsu=>

Trattore/Tractors: Komatsu=> D20P-7A-M , D20PL-7-M , D20PLL-7-M ,D20Q-7-M , D21P-7A-M , D21PL-7-M,D21Q-7-M

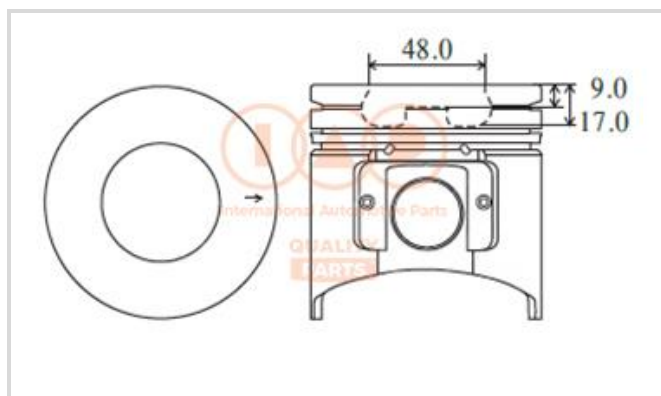


TIPO MOTORE / ENGINE TYPE

4TNV94

ALESAGGIO **94,00 mm**
 BORE

N° CILINDRI **4**
 N° OF CYLINDER

CILINDRATA C.C. **3053**
 CAPACITY C.C


DESCRIZIONE / DESCRIPTION	CODE	NOTE
SERIE PISTONI+SERIE SEGMENTI /STD PISTON SET WITH RINGS / STD	100-47020	L=98,8 COMP. H=54,8 SPINOTTO/PIN: L=72,50 Ø 30,0
SERIE PISTONI+ SERIE SEGMENTI/+0,50 PISTON SET WITH RINGS +0,50	100-47021	L=98,8 COMP. H=54,8 SPINOTTO/PIN: L=72,50 Ø 30,0
SERIE SEGMENTI /STD RING SET/STD	102-47020	DIAM= 94,00 - 2,0 x 2,0 x 3,0
SERIE SEGMENTI/+0,50 RING SET /+0,50	102-47021	DIAM=94,50 - 2,0 x 2,0 x 3,0
SERIE BRONZ. BIELLA/STD CONNECTING ROD BEARING SET /STD	104-47020	
SERIE BRONZ. BANCO/+0,25 MAIN BEARING SET /+0,25 (Use 3 Pcs)	104-47021	
SERIE BRONZ. BIELLA/+0,50 CONNECTING ROD BEARING SET /+0,50	104-47022	
SERIE BRONZ. BANCO/STD MAIN BEARING SET /STD	105-47020	
SERIE BRONZ. BANCO/+0,25 MAIN BEARING SET /+0,25	105-47021	
SERIE BRONZ. BANCO/+0,50 MAIN BEARING SET /+050	105-47022	
VALVOLA ASPIRAZIONE VALVE INTAKE	110-47020	L=102,7 , Ø1= 33,00 , Ø2= 7
VALVOLA SCARICO VALVE EXHAUST	110-47021	L= 102,8, Ø1= 28,00, Ø2= 7
POMPA OLIO OIL PUMP	160-47010	

Applicazioni/ Models

Scavatore/Excavator : Komatsu=>PC75, PC75R-2, PC80, PW75R-2.DoosanDaewoo=> DH60-7, DX55 e DX60R.Hitachi=> ZX60USB-3 e ZX65USB. Hyundai=> R55-7, R55-9, R60CR-9, R55-WTA. Volvo=> ECR5.Takeuchi=> TB175, TB180FR.

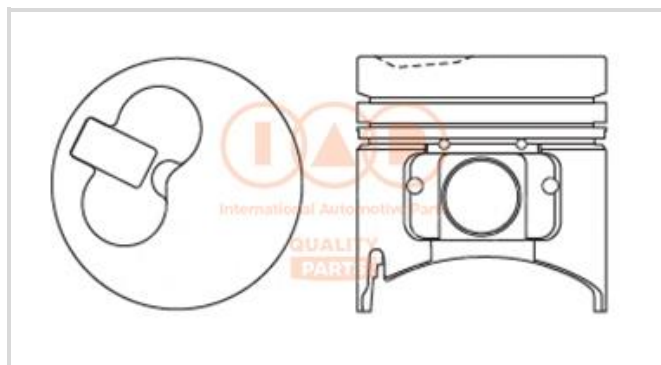
Carrelli elevatori/ Forklift:Clark=> C20D, C25D e C30D.



Minipale/Skeed Steer Loader: Komatsu=> WA90-3, Mustang=> 1750RT, 2056. Gehl e Manitou=> MT 5519XT

Trattore/Tractors: Yanmar=> EG765, EG775, EG782. Landini McCormick=> Alpine 65



TIPO MOTORE / ENGINE TYPE
4TNE98
INDIRECT INJECTION
ALESAGGIO
BORE **98,00 mm**
N° CILINDRI
N° OF CYLINDER **4**
CILINDRATA C.C.
CAPACITY C.C. **3319**


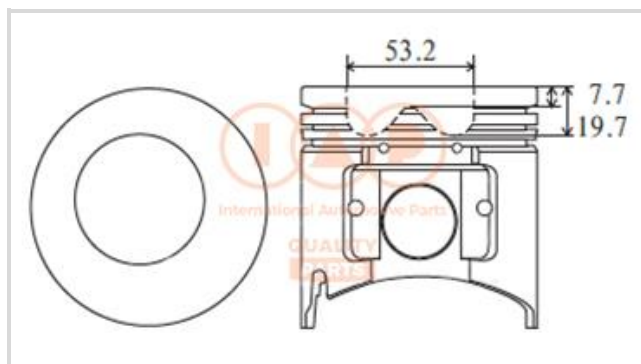
DESCRIZIONE / DESCRIPTION	CODE	NOTE
SERIE PISTONI+SERIE SEGMENTI /STD PISTON SET WITH RINGS / STD	100-47010	L=99,3 COMP. H=55,3 SPINOTTO/PIN: L=73,0 Ø 30,0
SERIE PISTONI+ SERIE SEGMENTI/+0,50 PISTON SET WITH RINGS +0,50	100-47011	L=99,3 COMP. H=55,3 SPINOTTO/PIN: L=73,0 Ø 30,0
SERIE SEGMENTI /STD RING SET/STD	102-47010	DIAM= 98,0 - 2,0 x2,0 x3,0
SERIE SEGMENTI/+0,50 RING SET /+0,50	102-47011	DIAM= 98,5 - 2,0x,2,0x3,0
SERIE BRONZ. BIELLA/STD CONNECTING ROD BEARING SET /STD	104-47009	ØALES.O MIN/HOUSING MIN: 51,00 LARGH.ZA/WIDTH:20,00 SPESS/THICK:1,50
SERIE BRONZ. BIELLA/+0,25 CONNECTING ROD BEARING SET /+0,25	104-47010	ØALES.O MIN/HOUSING MIN: 51,25 LARGH.ZA/WIDTH:20,00 SPESS/THICK:1,50
SERIE BRONZ. BIELLA/+0,50 CONNECTING ROD BEARING SET /+0,50	104-47011	ØALES.O MIN/HOUSING MIN: 51,50 LARGH.ZA/WIDTH:20,00 SPESS/THICK:1,50
VALVOLA ASPIRAZIONE VALVE INTAKE	110-47010	L=45,9 Ø1= 13 Ø2= 8
VALVOLA SCARICO VALVE EXHAUST	110-47011	L= 45,9 Ø1= 13 Ø2= 8
SERIE GUARNIZIONI MOTORE FULL SET GASKET ENGINE	115-47010	C/GUARNIZIONE TESTATA W/CYLINDER HEAD GASKET
POMPA OLIO OIL PUMP	160-47010	
POMPA ACQUA WATER PUMP	150-47013	

Adatto per le sigle motore/Suitable for engine: Yanmar=>4TNE98-BQCKS, 4TNE98-BQDFC, 4TNE98-BQFLC, 4TNE98-HAF, 4TNE98-HYF, 4TNE98-NMH, 4TNE98-BQCKM. Komatsu=> 4D98E-1AGDF, 4D98E-1GD-F, 4D98E-1G45-BM. Kohler=> 32EOZ. Mustang=> MTL16

Carrelli elevatori/ Forklift: Doosan/Daewoo=> D20S-5, D25S-5, D30S-5, D35S-5. Yale & Hyster=> H2.5TX (Series), H3.0TX(Series), GDP25, GDP30. Clark=> CMP25, CMP30. Komatsu: AX50 / BX50 (Series)

Scavatore/Excavator :Yanmar=> ViO70, ViO75, B7 Sigma. Takeuchi=> TB175, TB180FR. Hitachi=> ZX70, ZX75, ZX80 e ZX8. Hiunday=> Robex R80CR-9



4TNE98**DIRECT INJECTION****ALESAGGIO**
BORE **98,00 mm****N° CILINDRI**
N° OF CYLINDER **4****CILINDRATA C.C.**
CAPACITY C.C. **3319**

DESCRIZIONE / DESCRIPTION	CODE	NOTE
SERIE PISTONI+SERIE SEGMENTI /STD PISTON SET WITH RINGS / STD	100-47012	L=98,6 COMP. H=54,6 SPINOTTO/PIN: L=72,50 Ø 30,0
SERIE PISTONI+ SERIE SEGMENTI/+0,50 PISTON SET WITH RINGS +0,50	100-47013	L=98,6 COMP. H=54,6 SPINOTTO/PIN: L=72,50 Ø 30,0
SERIE SEGMENTI /STD RING SET/STD	102-47010	DIAM= 98,0 - 2,0 x2,0 x3,0
SERIE SEGMENTI/+0,50 RING SET /+0,50	102-47011	DIAM=98,50 - 2,0x,2,0x3,0
SERIE BRONZ. BIELLA/STD CONNECTING ROD BEARING SET /STD	104-47009	ØALES.O MIN/HOUSING MIN: 51,00 LARGH.ZA/WIDTH:20,00 SPESS/THICK:1,50
SERIE BRONZ. BIELLA/+0,25 CONNECTING ROD BEARING SET /+0,25	104-47010	ØALES.O MIN/HOUSING MIN: 51,25 LARGH.ZA/WIDTH:20,00 SPESS/THICK:1,50
SERIE BRONZ. BIELLA/+0,50 CONNECTING ROD BEARING SET /+0,50	104-47011	ØALES.O MIN/HOUSING MIN: 51,50 LARGH.ZA/WIDTH:20,00 SPESS/THICK:1,50
VALVOLA ASPIRAZIONE VALVE INTAKE	110-47010	L= 45,9 Ø1= 13 Ø2=8
VALVOLA SCARICO VALVE EXHAUST	110-47011	L=45,9 Ø1= 13 Ø2=8
SERIE GUARNIZIONI MOTORE FULL SET GASKET ENGINE	115-47010	C/GUARNIZIONE TESTATA W/CYLINDER HEAD GASKET
POMPA OLIO OIL PUMP	160-47010	
POMPA ACQUA WATER PUMP	150-47013	

Minipale/Skeed Steer Loader: Gehl=> AL540 (Series), 5640. Mustang=> 2066, 2076. Komatsu=> SK815, SK820, SK1020.

Adatto per le sigle motore/Suitable for engine: Yanmar=> 4TNE98-ACG, 4TNE98-ACG24, 4TNE98-AD, 4TNE98-ADS, 4TNE98-AG, 4TNE98-AMM, 4TNE98-DB, 4TNE98-FB, 4TNE98-G1A, 4TNE98-HYS, 4TNE98-KM, 4TNE98-NSR, 4TNE98-SA, 4TNE98-TB, 4TNE98-TBZ, 4TNE98-TBL, 4TNE98-TBW, 4TNE98-TBA, 4TNE98-TLB, 4TNE98-W. Komatsu=> 4D98E-1ATR, 4D98E-1C, 4D98E-1FB, 4D98E.

Scavatore/Excavator: Komatsu=> PC70FR-1, PC75R-1, PC75R-2, PW75-1, PW75R-2. Yanmar=> ViO70, ViO70-2, ViO75. Doosan=> SOLAR 75-V.

Carrelli elevatori/ Forklift: Komatsu=> XD30, FD20TH, FD30H

Trattore/Tractors: Komatsu=> D21A-7T-M, D21P-7T-M.

Minipale/Skeed Steer Loader: Komatsu=> SK09J-2.



TIPO MOTORE / ENGINE TYPE

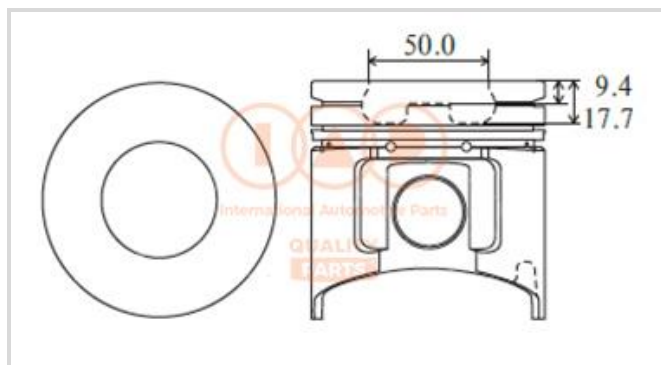
4TNV98T

INDIRECT INJECTION

ALESAGGIO 98,00 mm
BORE

N° CILINDRI 4
N° OF CYLINDER

CILINDRATA C.C. 3319
CAPACITY C.C



DESCRIZIONE / DESCRIPTION	CODE	NOTE
SERIE PISTONI+SERIE SEGMENTI /STD PISTON SET WITH RINGS / STD	100-47016	L=71,0 COMP. H=39,0 SPINOTTO/PIN: L=65,0 Ø 23,0
SERIE PISTONI+ SERIE SEGMENTI/+0,50 PISTON SET WITH RINGS +0,50	100-47017	L=71,0 COMP. H=39,0 SPINOTTO/PIN: L=65,0 Ø 23,0
SERIE SEGMENTI /STD RING SET/STD	102-47010	DIAM= 98,0 - 2,0 x2,0 x3,0
SERIE SEGMENTI/+0,50 RING SET /+0,50	102-47011	DIAM=98,50 - 2,0x,2,0x3,0
VALVOLA ASPIRAZIONE VALVE INTAKE	110-47020	L=102,7 Ø1= 33 Ø2=7
VALVOLA SCARICO VALVE EXHAUST	110-47021	L=102,8 Ø1= 28 Ø2=7
POMPA OLIO OIL PUMP	160-47016	
POMPA ACQUA WATER PUMP	150-47022	

Adatto per le sigle motore/Suitable for engine: Yanmar=> 4TNV98T-GECS, 4TNV98GGE, 4TNV98T-GGEH 4TNV98T-GGEHC, 4TNV98T-GGEP, 4TNV98T-GPGE, 4TNV8T-N2FN, 4TNV98T-NDI, 4TNV98T-NLANG, 4TNV98T-NNSV, 4TNV98T-NSA, 4TNV98T-NSA2 4TNV98T-NSAP, 4TNV98T-NSV, 4TNV98T-NU24, 4TNV98T-SBK, 4TNV98T-SHYB, 4TNV98T-SHYB24, 4TNV98T-SFN. Komatsu=> S4D98E-2NFN

Minipale/Skeed Steer Loader: CK30-1, CK35-1, SK1020-5, SK1020-5N, SK1026-5, SK1026-5N, WA90-3, WA95-3. Palazzani=> PL 155 -PL 165 -Gehl=> SL 5640, SL 5640 DXT, SL 5640 SXT, SL 5640 SXT, SL 6640 DXT, SL 6640 DXT, SL 6640 SXT, SL 6640 SXT, SL V 270 DXT, SL V 270 SXT, SL V 330 DXT, SL V 330 SXT

Scavatore/Excavator: Takeuchi=> TB 290 CM, TB 290 CV. Neumeier=> NR 8.8 D, NR 8.8. Terex=> TC85



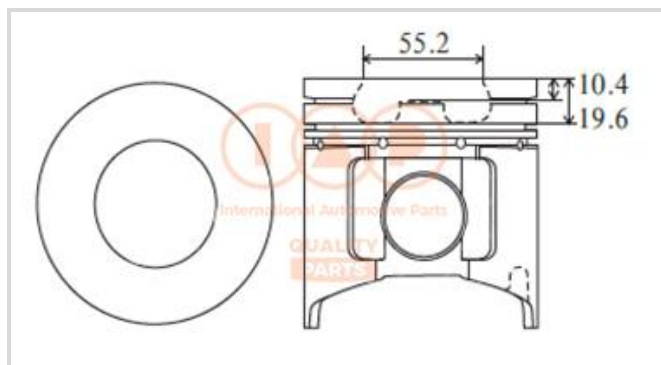
TIPO MOTORE / ENGINE TYPE

4TNE106

ALESAGGIO **106,00 mm**
BORE

N° CILINDRI **4**
N° OF CYLINDER

CILINDRATA C.C. **4412**
CAPACITY C.C.



DESCRIZIONE / DESCRIPTION	CODE	NOTE
SERIE PISTONI+SERIE SEGMENTI /STD PISTON SET WITH RINGS / STD	100-47022	L=111,2 COMP. H=61,2 SPINOTTO/PIN: L=83,50 Ø 37,50
SERIE PISTONI+ SERIE SEGMENTI/+0,50 PISTON SET WITH RINGS +0,50	100-47023	L=111,2 COMP. H=61,2 SPINOTTO/PIN: L=83,50 Ø 37,50
SERIE SEGMENTI /STD RING SET/STD	102-47018	DIAM= 106,00 - 2,0 x 2,5x 3,0
SERIE SEGMENTI/+0,50 RING SET /+0,50	102-47019	DIAM= 106,00 - 2,0 x 2,5x 3,0
VALVOLA ASPIRAZIONE VALVE INTAKE	110-47022	L= 45,90 Ø1= 13 Ø2= 8
VALVOLA SCARICO VALVE EXHAUST	110-47023	L= 45,90 Ø1= 13 Ø2= 8
MOTORINO DI AVVIAMENTO STARTER MOTOR	803-47008	

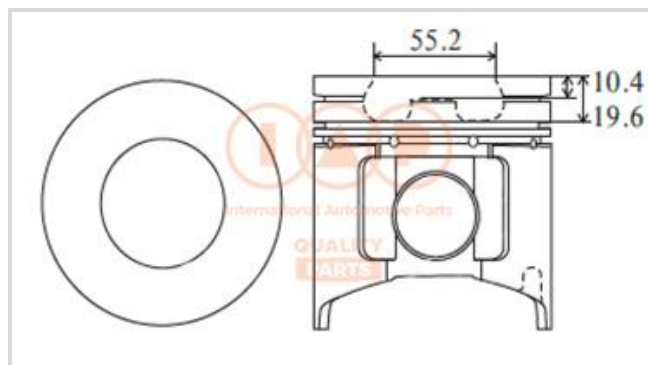
Adatto per le sigle motore/Suitable for engine: Yanmar=>4TNE106DAMM, 4TNE106DG, 4TNE106DG1A, 4TNE106DGE,4TNE106DSA,4TNE106DTB.

Minipale/Skeed Steer Loader: 7600, SL7600.

Scavatore/Excavator:: Komatsu=> PC95R-2, PC95R-2, WA115-3 - PC95R-2 PW95R-2-

Terna/Backhoe: Komatsu=> WB140-2N ,WB140PS-2 ,WB140PS-2N ,WB150-2 ,WB150-2N ,WB150AWS-2 , WB150AWS-2N , WB150PS-2 ,WB150PS-2N ,WB91R-2



4TNE106 T**ALESAGGIO** 106,00 mm
BORE**N° CILINDRI** 4
N° OF CYLINDER**CILINDRATA C.C.** 4412
CAPACITY C.C

SERIE PISTONI+SERIE SEGMENTI /STD PISTON SET WITH RINGS / STD	100-47018	L=111,20 COMP. H=61,20 SPINOTTO/PIN: L=83,50 Ø 37,00
SERIE PISTONI+ SERIE SEGMENTI/+0,50 PISTON SET WITH RINGS +0,50	100-47019	L=111,20 COMP. H=61,20 SPINOTTO/PIN: L=83,50 Ø 37,00
SERIE SEGMENTI /STD RING SET/STD	102-47018	DIAM= 106,00 - 2,0 x 2,5x 3,0
SERIE SEGMENTI/+0,50 RING SET /+0,50	102-47019	DIAM= 106,00 - 2,0 x 2,5x 3,0
SERIE GUARNIZIONI MOTORE FULL SET GASKET ENGINE	115-47018	C/GUARNIZIONE TESTATA W/CYLINDER HEAD GASKET
SERIE GUARNIZIONI SMERIGLIO CYLINDER HEAD GASKET SET	116-47018	C/GUARNIZIONE TESTATA W/CYLINDER HEAD GASKET
POMPA OLIO OIL PUMP	160-47024	
MOTORINO DI AVVIAMENTO STARTER MOTOR	803-47008	V=12 KW=3,0 DENTI/THEET=9
POMPA ACQUA WATER PUMP	150-47018	

Adatto per le sigle motore/Suitable for engine: Yanmar=> 4TNE106TG1A,4TNE106TML.
4TNE106TNS, 4TNE106TSA,4TNE106TTBL. Komatsu=> 4D106T 4D106-1FA.

Scavatore/Excavator: Komatsu=> PC110R-1, PW110R-1,WB150PS-2, WB150WSC-2, WB93R-2 ,WB97R-2,WB97S-2, WB98A-2

Minipale/Skeed Steer Loader: Gehl=> 7800, SL7800 -

Terna/ Backhoe: Komatsu=> WB93R-2, WB97R-2, WB97S-2, WB98A-2, WB91R-2, WB140-2, WB140-2N, WB140PS-2, WB140PS-2N, WB150-2, WB150-2N, WB150PS-2N, WB150AWS-2, WB150AWS-2N.

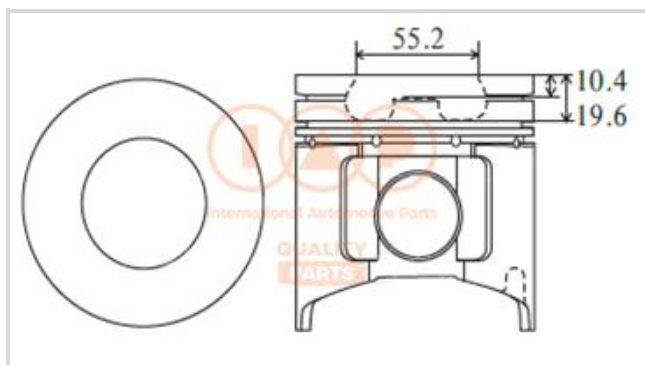
TIPO MOTORE / ENGINE TYPE

4TNV106

ALESAGGIO **106,00 mm**
BORE

N° CILINDRI **4**
N° OF CYLINDER

CILINDRATA C.C. **4412**
CAPACITY C.C



SERIE PISTONI+SERIE SEGMENTI /STD PISTON SET WITH RINGS / STD	100-47024	L= 114,4 COMP. H=61,4 SPINOTTO/PIN: L = 83,5 Ø =37,0
SERIE PISTONI+ SERIE SEGMENTI/+0,50 PISTON SET WITH RINGS +0,50	100-47025	L= 114,4 COMP. H=61,4 SPINOTTO/PIN: L = 83,5 Ø =37,0
SERIE SEGMENTI /STD RING SET/STD	102-47018	DIAM=106,00 - 2,5 x 2,0 x 3,0
SERIE SEGMENTI/+0,50 RING SET /+0,50	102-47019	DIAM=106,00 - 2,5 x 2,0 x 3,0
VALVOLA ASPIRAZIONE VALVE INTAKE	110-47024	L= 117,65 Ø1=36,5 Ø2=7,0
VALVOLA SCARICO VALVE EXHAUST	110-47025	L=117,65 Ø1=31,0 Ø2=7,0
POMPA OLIO OIL PUMP	160-47024	
POMPA ACQUA WATER PUMP	150-47018	

Adatto per le sigle motore/Suitable for engine: Yanmar=> 4TNV106T, 4TNV106-GGB1, 4TNV106-S2FB, 4TNV106-S2FA, 4TNV106T-GGB1, 4TNV106T-GGE, 4TNV106T-GGL, 4TNV106T-S2FA, 4TNV106T-S2FC, 4TNV106T-W2FB 4TNV106T-XTBL1 4TNV106T-XTBL(*) 4TNV106T-XTBL2.

Frantumatore Mobile/ Mobile Crushing: Komatsu=> BM393 - Hydra Screen, BM595 - Hydra Screen, BM798 - Hydra Screen.

Scavatore/Excavator: Komatsu=> PC95R-2 ,PW95R-2 ,WB91R-2 , PW110R-1.

1.3 Altri Articoli/Other Items

FILTRO OLIO OIL FILTER	123-06011	APPLICABILE SU/SUITABLE FOR: 3TNA68/3TNE68
FILTRO OLIO OIL FILTER	123-06013	APPLICABILE SU/SUITABLE FOR: 3TNE84 3TNE88/3TNV82/4TNE88/4TNE94/4TNV98T
FILTRO OLIO OIL FILTER	123-07010	APPLICABILE SU/SUITABLE FOR: 4TNE106/4TNE106T
FILTRO OLIO OIL FILTER	123-11053	APPLICABILE SU/SUITABLE FOR: 3TN84L 3TN88L/4TNE98/4TNV84/4TNV88
FILTRO CARBURANTE FUEL FILTER	122-12010	APPLICABILE SU/SUITABLE FOR: 4TNE98 direct/indirect
FILTRO CARBURANTE FUEL FILTER	122-12101	APPLICABILE SU/SUITABLE FOR: 3TNV82 3TNV88/4TNE106/4TNE106T/4TNE94/4TNV88 4TNV98T
POMPA ACQUA WATER PUMP	150-47020	APPLICABILE/SUITABLE FOR: 3TNE72 TERMO KING : TK2.44/TK2.49/TK3.66/TK3.74
POMPA ACQUA WATER PUMP	150-47021	APPLICABILE/SUITABLE FOR: 3TNA72 TERMO KING : TK3.88/TK3.95
POMPA ACQUA WATER PUMP	150-47013	APPLICABILE/ SUITABLE FOR: 4TNE92/4D92E 4D94E/4D98E
POMPA ACQUA WATER PUMP	150-47038	APPLICABILE/SUITABLE FOR:3TNE78A/3TNC78E 3D82A/3D75N
POMPA ACQUA WATER PUMP	150-47022	APPLICABILE/SUITABLE FOR: 4TN94L/4D94LE
POMPA ACQUA WATER PUMP	150-47036	APPLICABILE/SUITABLE FOR : TK388/TK395 THERMO KING

1.4 Nuovi Articoli/New Items 05-2026

SERIE PISTONI+SERIE SEGMENTI /STD PISTON SET WITH RINGS / STD	100-47048	Codice Mot./Engine Code 4TNE86
SERIE PISTONI+SERIE SEGMENTI /+0,50 PISTON SET WITH RINGS / +0,50	100-47049	Codice Mot./Engine Code 4TNE86
SERIE SEGMENTI /STD RING SET/STD	102-47048	Codice Mot./Engine Code 4TNE86
SERIE SEGMENTI/+0,50 RING SET /+0,50	102-47049	Codice Mot./Engine Code 4TNE86
SERIE BRONZ. BIELLA/STD CONNECTING ROD BEARING SET /STD	104-47020	Codice Mot./Engine Code 4TNV94
SERIE BRONZ. BIELLA/+0,25 CONNECTING ROD BEARING SET /+ 0,25	104-47021	Codice Mot./Engine Code 4TNV94
SERIE BRONZ. BIELLA/+0,50 CONNECTING ROD BEARING SET /+ 0,50	104-47022	Codice Mot./Engine Code 4TNV94
SERIE BRONZ. BANCO/STD MAIN BEARING SET /STD	105-47020	Codice Mot./Engine Code 4TNV94
SERIE BRONZ. BANCO/+0,25 MAIN BEARING SET /'0,25	105-47021	Codice Mot./Engine Code 4TNV94
SERIE BRONZ. BANCO/+0,50 MAIN BEARING SET /'0,50	105-47022	Codice Mot./Engine Code 4TNV94
SERIE BOCCOLE DI BIELLA CONROD BUSHING	107-47002	Codice Mot./Engine Code 3D84E
SERIE BOCCOLE DI BIELLA CONROD BUSHING	107-47004	Codice Mot./Engine Code 4TNE84
POMPA ELETTRICA CARBURANTE ELECTRIC FUEL PUMP	114-47000	Codice Mot./Engine Code 3/4TNV88
GUARNIZIONI SERIE MOTORE ENGNE GASPET SET	115-47044	C/GUARNIZIONE TESTATA W/CYLINDER HEAD GASKET Codice Mot./Engine Code 3TNE74
GUARNIZIONI SERIE SMERIGLIO CYLINDER HEAD GASKET SET	116-47044	C/GUARNIZIONE TESTATA W/CYLINDER HEAD GASKET Codice Mot./Engine Code 3TNE74
ALBERO A CAMME CAMSHAFT	124-47040	Codice Mot./Engine Code 4TN84L

1.5 Motori corrispondenti / Related engine model

KOMATSU	YANMAR
3D82AE	3TNV82
3D84E	3TNE84
3D84N	3TNE84
4D84E	4TNE84
3D88	3TNE88
3D88E	3TNE88
4D88E	4TNE88
4D94E	4TNE94
4D98E	4TNE98 - DIRECT INJECTION
4D106	4TNE106
4D106T	4TNV106T
MOTORI MARINI YANMAR YANMAR MARINE ENGINE	YANMAR
3JH3	3TNV84
3JH3CE	3TNV84
3JH3E	3TNV84
3JH4	3TNV88
3JH5	3TNV88
4JH3	4TNV84
3JH3	4TNV88
3JH3CE	4TNV88
JOHN DEERE	YANMAR
4JH4E	3TNE84
4JH5E	4TNE84
Altra cod. YANMAR	YANMAR
3TNC88	3TNE88
4TNC88	4TNE88



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