



OUR PRODUCTS

BONFATTI

FILETTATURE

C A T A L O G



100%

MADE IN ITALY

CATALOG 2019

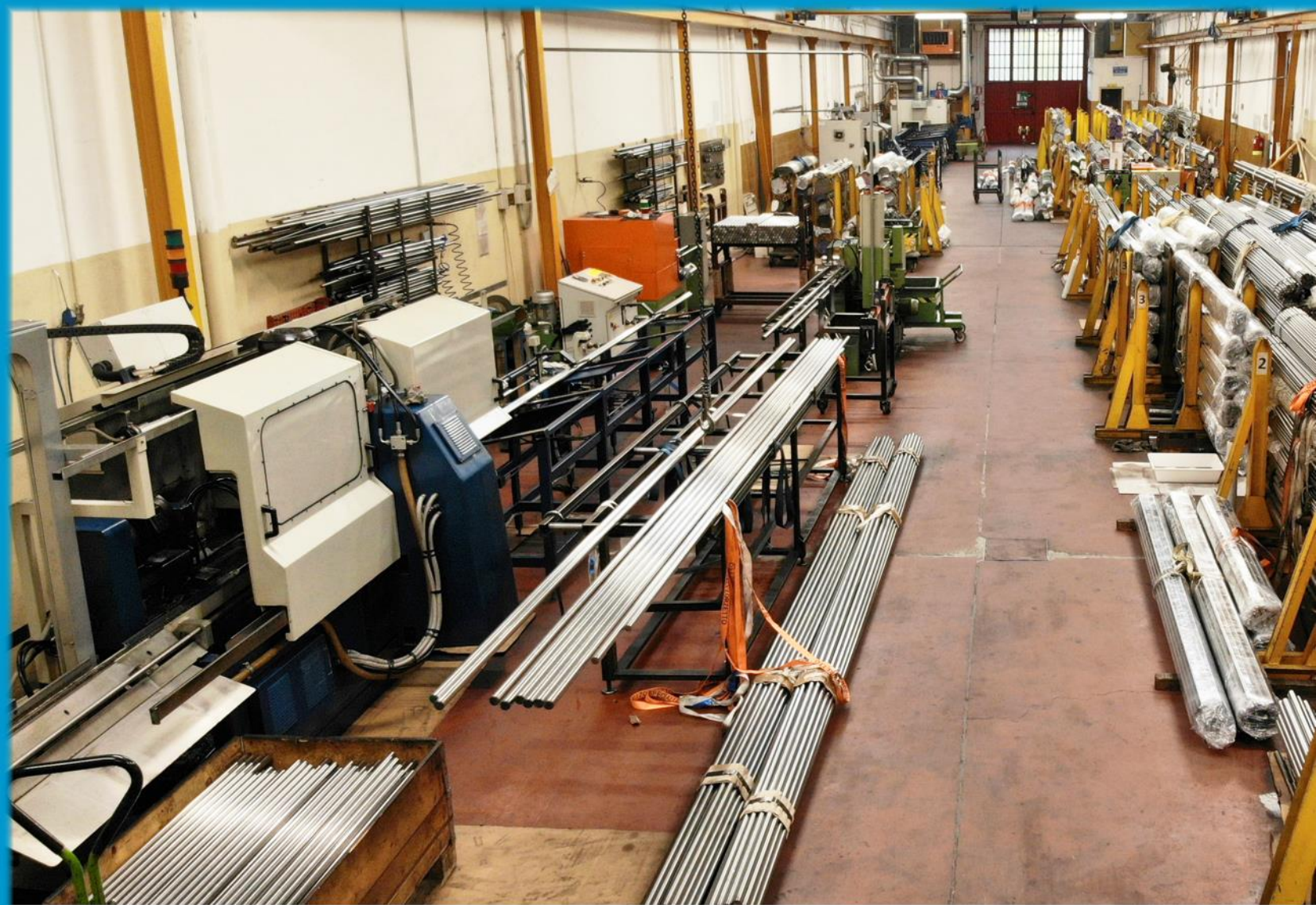


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INTRODUCTION

Bonfatti Filettature Srl was founded by Bonfatti spouses in the 1960s. It was born as a mechanical workshop specialized in turnery and it was located in the historical city center of Modena.

In 1985, Bonfatti srl specialized in the production of rolled threads. Over the years, thanks to sacrifice, commitment and reliability the company has become an internationally recognized reality. Today, it is led by Mr. Bonfatti's daughter, Giovanna. A unique team with a shared goal: working well and in synergy to meet the requirements of quality, know-how and professionalism. Bonfatti Filettature Srl is one of the Italian leading companies in the production of screws compliant with legal standards.



 **GIANNI BONFATTI**
founder





ABOUT THE COMPANY

Bonfatti Filettature was established in 1965 as a small turning shop, by Gianni Bonfatti.

Originally located in the old town of Modena, the company relocated to the Torrazzi industrial district in 1977, remaining small in scale and continuing with its turning activities.

In 1985, it expanded its 150 sqm of production space to 300 sqm and started specialising in rolled threads.

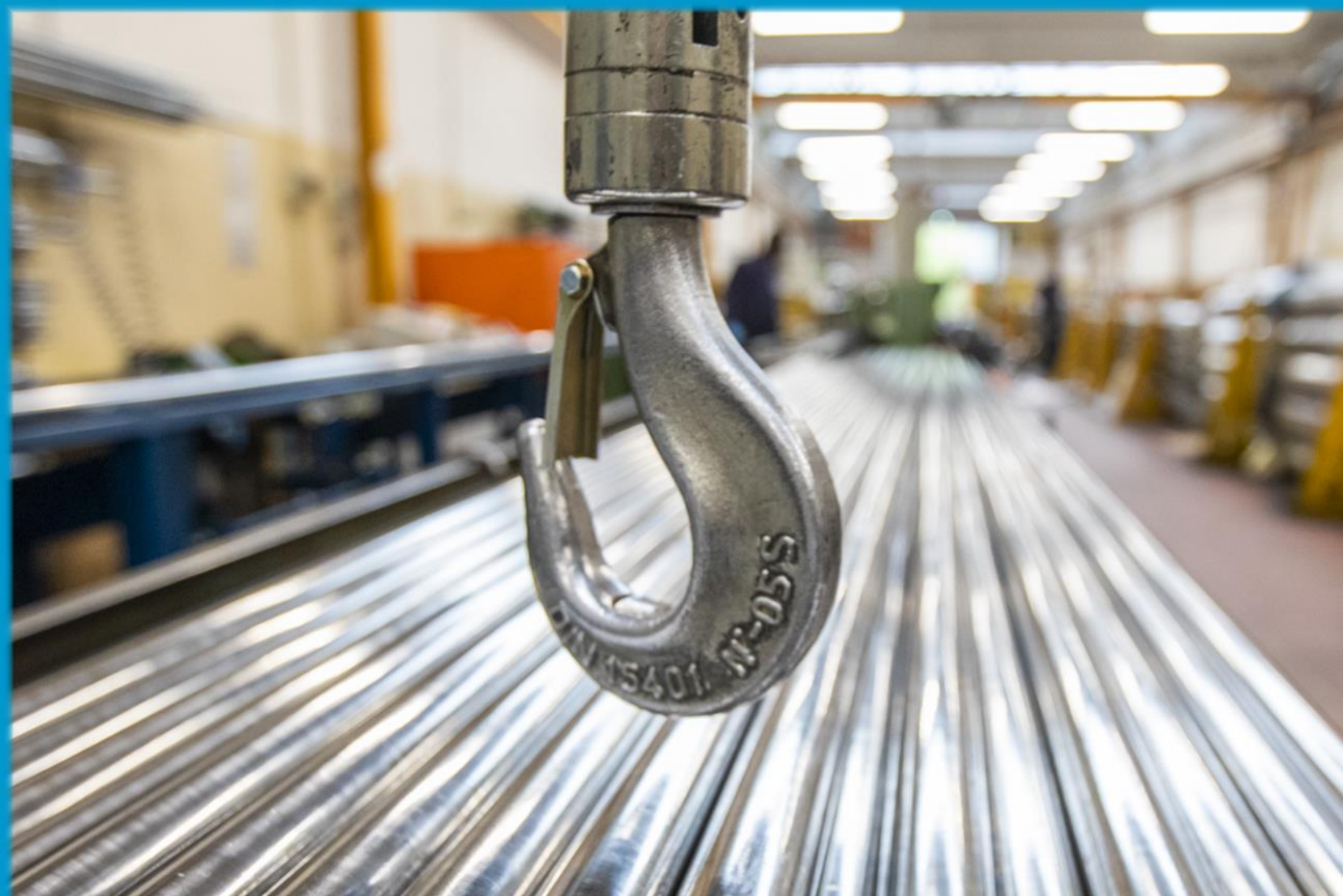
Nowadays, our manufacturing site spreads over an area of 2,400 sqm and extensive storage facilities ensure we always have the raw material we handle (S355J2 and 42CrMo4bon) in stock and ready for processing.

We also permanently stock a wide range of standard products. Every year, our machines process 1,800.00 tonnes of raw material, all purchased from leading steelworks in Italy.

We also focus particularly on quality, which is why our products always come with a 3.1 certificate and batches are clearly marked and 100% traceable. In 2012, we had our quality system certified as compliant with UNI EN ISO 9001: 2008 through certifying body TUV. The following year, despite the earthquake that hit the Emilia Romagna region, we remained attentive to the needs of our considerable national and international customer base and also managed to qualify as a Metal Processing Centre.

In September 2014, meanwhile, as a final goal, we applied for EN 1090-1:2009+A1:2011.

This will enable use to identify production batches in fastener classes 5.6-8.8 and 10.9 in accordance with CE marking for structural components.



HIGH RESISTANCE TIE RODS

PRODUCTS IN 42CrMo 4BON. EN 10277:2018
METRIC THREAD MA - MB - MC and MD
FROM M14 TO M52 FROM THE READY -
STANDARD LENGTHS 1000mm. or more upon request
Treatments: strictly dehydrogenated electrolytic zinc plating
Zinc-nickel
Geomet 321
Hot dip galvanizing



HIGH QUALITY THREADED BARS according to ISO 898-1 / 2013

(ACCORDING TO THE LEGISLATION
THAT REQUIRES RESILIENCE AT - 20 ° + 27j)
In class 8.8, 9.8 and 10.9
Qualifiable and catalogable
in compliance with EN 1090 5.6-8.8 E 10.9



WHAT MAKES US DIFFERENT?

Bonfatti Filettature guarantees **100% Italian Quality, without compromise**. All our production is accompanied by chemical analysis certificates and certificates stating the mechanical properties of the raw material used, as well as certificates of conformity. 3.1 certified raw material in compliance with EN 1090 with PERFORMANCE DECLARATION.



■ SHEARED bars without bevel
with guaranteed screwing and SHEARED bars with bevel

Partially or totally threaded, one side or both sides
ALSO CUT AT 45 °

Marked on one side or both with strength class and traceability lot





THE SECRET OF OUR PRODUCT QUALITY LIES IN THE PRODUCTION PROCESS
 Thread rolling is a cold deformation process which stresses material beyond their elastic limit so that they become plastic and change shape. From a technical viewpoint, rolled threads feature high-precision profiles. The pressure-polished surface also offers much better corrosion resistance.

- J SHAPED foundation bolts of foundation from M4 to M48
 Cold bent
 In S355J2 or other materials for structural use

- U-bolt or double fold from M4 to M48
 Plain or treated (ZINC.P.)

- Threaded products and post-earthquake or structural consolidation chains in S355J2, 8.8 and also in A2 O A4 (AISI 304 - AISI 316)

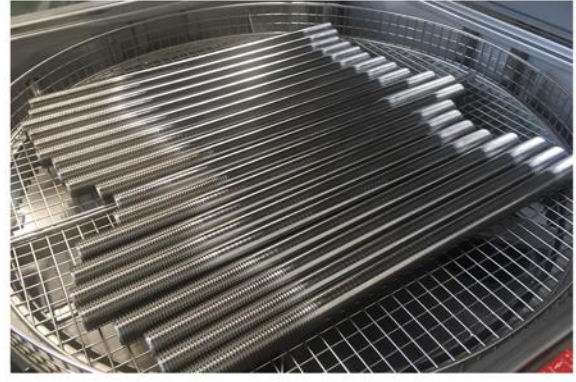
- TRAPEZOIDAL PROFILE BAR FROM TPN 12X3 TO 50X8 (right and left)
 STANDARD SIZES FROM 1000mm./2000mm./3000mm.
 in S235 and some sizes also in A2 AISI 304
 NUTS FOR TRAPEZOIDAL PROFILE in avp or bronze, cylindrical, hexagonal and flanged.

- Joint sleeves in avp (11SMnPb37) and other material at the discretion of the designers, upon request.

Third-party knurling and rolling from M3 to M130, in whole or in pass.

In addition to those already produced in classes 4.8/5.6/8.8/9.8 and 10.9 we can process aisi 304, aisi 316, aisi 430, aisi 420 hardened, titanium grade 5, Ti Gr 5 (Ti6Al4V).
 Rolled material already tempered up to 1100/1150 Rm.



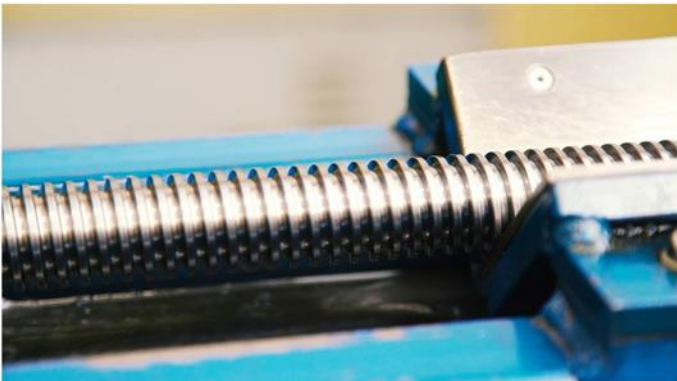




PROCESSING

we specialise in:

- class 10.9 high-strength linkage, made of hardened 42CrMoS4 (EN 10277-5: 2008), which can be either entirely or partly threaded with MA – MB – MC pitches, readily available
- threaded rod – classes 10.9 – 9.8 – 8.8 – 6.8 and 5.6 (unfinished or galvanised), readily available
- anchor bolts, single- or double-bend, up to M48
- rolling, from M4 to M100 – rod lengths up to 6000 mm
- stud bolts, U bolts, and partly threaded rod
- trapezoidal rod (length: 1/2/3 m.) , AVP NUTS – bronze and bronze flanged – vast assortment of readily available
- 6000 mm threaded rod
- rod production – TPN20X4 – TPN25X5 – TPN30X6 including stainless steel versions (RH and LH) – vast assortment of readily available
- contract rolling



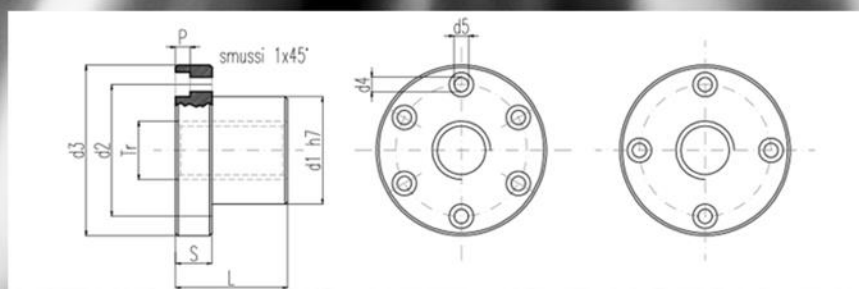
MEASUREMENT CHARTS

DIAMETER PER PITCH	n. of threads	d1 mm	d2 mm	d3 mm	d4 mm	d5 mm	p mm	L mm	s mm	n. bores for screws	Fastening screws (class 8.8)	Weightkg/each
Tr 12x3	1	18	26	37	4,5	7,5	4,2	22	8	4	M4	0,082
Tr 14x4	1	20	30	42	5,5	9	5,2	25	10	4	M5	0,123
Tr 16x4	1	20	30	42	5,5	9	5,2	30	10	4	M5	0,149
Tr 18x4	1	25	35	48	5,5	9	5,2	30	10	4	M5	0,188
Tr 20x4	1	30	40	52	5,5	9	5,2	40	10	5	M5	0,267
Tr 25x5	1	35	48	62	6,5	11	6,5	45	12	5	M6	0,393
Tr 30x6	1	40	53	68	6,5	11	6,5	50	12	5	M6	0,497
Tr 35x6	1	50	63	78	8,5	14	8,5	60	15	6	M8	0,883

We reserve the right to make changes to sizes and features without prior notice



THREADED ROD	CYLINDRICAL NUTS		HEXAGONAL NUTS	
Ø TYPE PER PITCH	EXT. Ø	HEIGHT H	HEX. NUT	HEIGHT H
TPN 12X3	36	36	–	–
TPN 14X4	36	36	–	–
TPN 16X4	36	37	30	30
TPN 16X8 2-thread	36	36	–	–
TPN 18X4	36	37	30	30
TPN 20X4	40	40	30/36	30/36
TPN 20X8 2-thread	40	40	–	–
TPN 22 X5	40	40	–	–
TPN 25X5	45	45	36	36
TPN 30X6	50	50	42	45
TPN 35X6	55	55	–	–
TPN 40X7 RH only	60 RH	60	–	–
TPN 50X8 RH only	70 RH	70	–	–



CERTIFICATIONS



Our certified quality is a promise of commitment, we guarantee the same

UNI EN ISO 9001:2015 CERTIFICATION

EN 1090 CERTIFICATION OF FABRICATION



CERTIFICATO

Nr. 50 100 11091 - Rev.004

Si attesta che / This is to certify that

IL SISTEMA QUALITÀ DI
THE QUALITY SYSTEM OF

BONFATTI FILETTATURE S.r.l.

SEDE LEGALE:
REGISTERED OFFICE:

VIA E. DE NICOLA 42
IT - 41122 MODENA (MO)

SEDI OPERATIVE:
OPERATIONAL SITES:

VIA E. DE NICOLA 40/44/46
IT - 41122 MODENA (MO)

VIA RAIMONDO DALLA COSTA 10/12/14/16/18
IT - 41122 MODENA (MO)

È CONFORME AI REQUISITI DELLA NORMA
HAS BEEN FOUND TO COMPLY WITH THE REQUIREMENTS OF

UNI EN ISO 9001:2015

QUESTO CERTIFICATO È VALIDO PER IL SEGUENTE CAMPO DI APPLICAZIONE
THIS CERTIFICATE IS VALID FOR THE FOLLOWING SCOPE

**Fabbricazione di barre e tiranterie filettate ottenute mediante rullatura
in accordo a specifiche del cliente (IAF 17)**

*Manufacture of threaded rods and linkages obtained using rolled
thread according to customer's specifications (IAF 17)*

	Per l'Organismo di Certificazione For the Certification Body TUV Italia S.r.l.	Validità / Validity
SGQ N° 049A		Dal / From: 2018-04-26
<small>Membro degli Accordi di Mutuo Riconoscimento EA, UK e IAC Signatario di EA, UK and IAC Mutual Recognition Agreements</small>		Ai / To: 2021-04-25
	Andrea Coscia <small>Direttore Divisione Business Assurance</small>	Data emissione / Printing Date 2018-04-17

PRIMA CERTIFICAZIONE / FIRST CERTIFICATION: 2012-04-26

LA VALIDITÀ DEL PRESENTE CERTIFICATO È SUBORDINATA A SORVEGLIANZA PERIODICA A 12 MESI E AL RESAME COMPLETO DEL SISTEMA DI
GESTIONE AZIENDALE CON PERIODICITÀ TRIENNALE

THE VALIDITY OF THE PRESENT CERTIFICATE DEPENDS ON THE ANNUAL SURVEILLANCE EVERY 12 MONTHS AND ON THE COMPLETE REVIEW OF
COMPANY'S MANAGEMENT SYSTEM AFTER THREE YEARS

TUV Italia S.r.l. • Gruppo TÜV SÜD • Via Carducci 125, Pal. 23 • 20099 Sesto San Giovanni (MI) • Italia • www.tuv.it 

CERTIFICATO DI CONFORMITÀ DE CERTIFICATE OF CONFORMITY

Certificati
09

In conformità al Regolamento (UE) n. 305/2011
recepimento delle disposizioni legislative, regola
da costruzione (Regolamento Prodotti da Costru
in compliance with the Regulation (EU) n. 305/2011
the approximation of laws, regulations and
construction products (Construction Products R

**PRODOTTI METALLICI
STRUCTURAL**

elencati in allegato, per l'uso previsto in struttu
dal fabbricante
listed in the annex, intended for use in structu
the manufacturer

BONFATTI

VIA E. DE NICOLA 42
IT - 41122 MODENA (MO)

nel sito p
VIA E. DE NICOLA 40/44/46
IT - 41122 MODENA (MO)

È sottoposto dal fabbricante alle prove iniziali di
su campioni prelevati in fabbrica in conformità
l'ispezione iniziale della fabbrica e del controllo
valutazione e l'approvazione del controllo del p
Il presente certificato conferma anche il rispet
produzione in fabbrica descritte nell'Appendice
is submitted by the manufacturer to initial type
testing of samples taken at the factory in acco
the initial inspection of the factory and of the
assessment and approval of the factory produc
This certificate confirms also the respect of al
described in Annex ZA of the standards

EN 1090-1:2009+A1:2011 Esecuzione di di
valutazione di

Questo certificato è stato emesso per la prim
condizioni definite nella suddetta norma am
controllo della produzione in fabbrica non siam
accompagnato dall'elenco dei prodotti ricomp
This certificate was first issued on the date b
harmonised Technical Specification in refer
production control itself are not modified sign
products under the factory production control

Data prima emissione/First issue date
2014-09-10

Data ultima emissione/Last issue date
2014-09-10

Disposizioni nazionali applicabili:

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CP-M010c-e3r0

18011401

ZERTIFIKAT • CERTIFICATE • 認證證書 • CERTIFICADO • CERTIFICAT

ZERTIFIKAT • CERTIFICATE • 認證證書 • CERTIFICADO • CERTIFICAT



atisfaction of our customers through top-notch products and services!

STATE OF CONFORMITY AND ASSEMBLY

PROCESSING CENTRE CERTIFICATE



Italia

IL CONTROLLO DELLA PRODUZIONE IN FABBRICA
FACTORY PRODUCTION CONTROL

Certificato N. / Certificate N.

48-CPR-0191

del Consiglio della Comunità Europea del 9 Marzo 2011 relativo al
lamentari e amministrative degli Stati Membri concernenti i prodotti
zione o CPR), è stato definito che il prodotto da costruzione
2011 of the Council of European Communities of 9th March 2011 on
administrative provisions of the Member States relating to the
regulation - CPR), it has been stated that the construction products

ICI PER IMPIEGHI STRUTTURALI
AL METALLIC PRODUCTS

re come rientrante nello scopo della norma sotto indicata e prodotto
as covered by the scope of the standard below and produced by

FILETTATURE S.R.L.

VIA E. DE NICOLA 42

22 MODENA (MO)

produttivo / in the factory site

LA 14/16/18/40/42/44/52/54

22 MODENA (MO)

Il tipo, al controllo della produzione in fabbrica ed alle ulteriori prove
ad un prescritto programma di prove e che TUV ITALIA ha eseguito
della produzione in fabbrica ed esegue la sorveglianza continua, la
rocesso in fabbrica.

to di tutte le prescrizioni relative all'attestazione del controllo della
ZA delle norme

testing of the product, a factory production control and to the further
ardance with a prescribed test plan and TUV ITALIA has performed
actory production control and performs the continuous surveillance,
tion control.

provisions concerning the attestation of factory production control

strutture di acciaio e di alluminio - Parte 1: Requisiti per la
conformità dei componenti strutturali

na volta nella sotto indicata data e rimane valido fino a quando le
onizzate o le condizioni produttive nella fabbrica e nello stesso
o modificate significativamente. Questo certificato è valido solo se
ni nel controllo della produzione in fabbrica

below and remains valid as long as the conditions laid down in the
nce or the manufacturing conditions in the factory or the factory
ilicantly. This certificate is valid only if accompanied by the list of



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**ATTESTATO DI DENUNCIA DELL'ATTIVITA' DI
CENTRO DI TRASFORMAZIONE**

N. 2298/12

In conformità al DM 14 gennaio 2008 "Norme Tecniche per le Costruzioni" si attesta che la Ditta:

BONFATTI FILETTATURE Srl

per il proprio stabilimento di:

Via E. De Nicola, 42 - 41100 - MODENA (MO)

ha depositato presso il Servizio Tecnico Centrale la documentazione inerente il possesso dei requisiti richiesti dalla norma per la lavorazione dell'acciaio, **senza effettuare saldature**, finalizzata alla:

**OFFICINA PER LA PRODUZIONE DI
CARPENTERIA METALLICA
FILETTATURA TRAMITE RULLATURA**

Ogni confezione del prodotto lavorato è riconducibile alla Ditta di cui sopra, con tutte le informazioni utili ad individuare la commessa, attraverso la seguente etichetta:

FILETTATURE S.R.L.

VIA E. DE NICOLA, 42

22 MODENA (MO)

Il presente attestato di deposito ha il solo obiettivo di identificare il Centro di Trasformazione. In tal senso l'attestato di deposito non è finalizzato a certificare la concreta idoneità tecnica del prodotto di lavorazione alle diverse utilizzazioni cui può essere destinato e non può trasferire la responsabilità del Centro di Trasformazione e del progettista al Servizio Tecnico Centrale, restando nella responsabilità delle figure suddette ogni specifica applicazione del prodotto. Il presente attestato ha validità sino a che le condizioni iniziali, sulla base delle quali è stato rilasciato, non subiscano modifiche significative.

Roma, 18.10.2012

IL DIRIGENTE DELLA DIVISIONE III DEL
SERVIZIO TECNICO CENTRALE
Ing. Marco PANECALDO

ORGANISMO DI CERTIFICAZIONE ED ISPEZIONE DEI PRODOTTI DA COSTRUZIONE
AI SENSI DELL'ART.8 DEL D.P.R. 246/93 (NOTIFICA COMMISSIONE EUROPEA N. 99/93)
ORGANISMO DI BENEPLACITO TECNICO EUROPEO (MEMBRO EDITAL) AI SENSI DELL'ART.5 DEL D.P.R. N.246/93.
ORGANISMO DI QUALIFICAZIONE AI SENSI DEL D.M. 14.01.2008

VIA NOMETANA, 2 - 00161 ROMA -
TEL. 06.4412.4101 FAX 06.4426.7383

Consiglio Superiore dei Lavori Pubblici - Servizio Tecnico Centrale

www.bonfattifilettature.it



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BONFATTI

FILETTATURE