



marvet

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Marvet is related party with Comtubi S.p.A.

 **Tenaris**
Authorized distributor

PIPES AND COUPLINGS IN GALVANIZED STEEL FOR OIL & GAS, PETROCHEMICAL, OFFSHORE AND POWER

- Galvanized steel conduit for electrical cables
- Couplings and bushings in galvanized steel
- Galvanized steel pipes - std api/astm/en
- Galvanized line pipe grooved ends - fire fighting
- Thread tubes - std api/npt/iso

TUBI E MANICOTTI IN ACCIAIO ZINCATO PER OIL & GAS, PETROLCHIMICA, OFFSHORE AND POWER

- Tubi conduit portacavi in acciaio zincato
- Manicotti e bushings in acciaio zincato
- Tubi in acciaio zincato - std api/astm/en
- Tubi zincati scanalati per impianti antincendio
- Filettatura tubi - std api/npt/iso



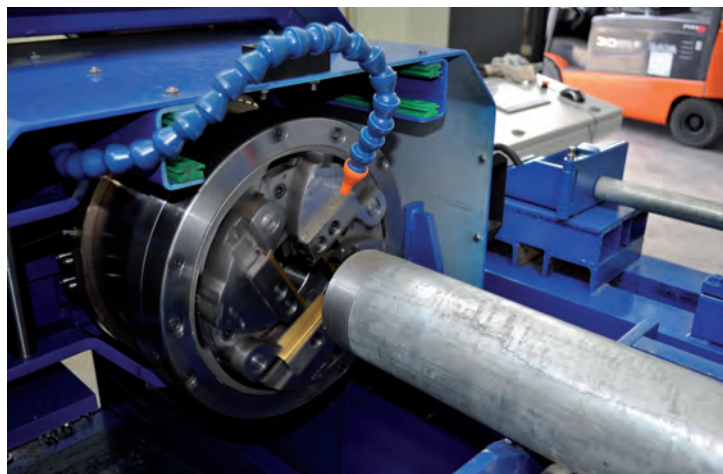
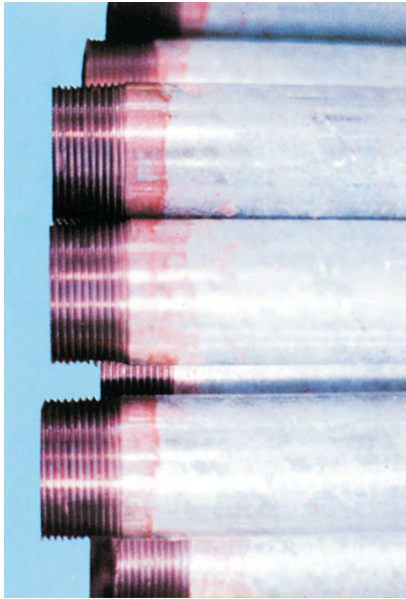
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ELECTRICAL RIGID STEEL CONDUIT, ZINC COATED – ANSI C80.1 TUBI CONDUIT IN ACCIAIO ZINCATO – ANSI C80.1

Nominal size inch	Outside Ø mm.	Thickness mm.	Length mts.	Weight of ten lengths with coupling attach.	Threads per inch
3/8	17,1	2,31	3,04	Kgs. 23,36	18
1/2	21,3	2,64	3,03	kgs. 35,83	14
3/4	26,7	2,72	3,03	kgs. 47,63	14
1	33,4	3,20	3,02	kgs. 69,40	11.1/2
1.1/4	42,2	3,38	3,02	kgs. 91,17	11.1/2
1.1/2	48,3	3,51	3,02	kgs. 112,95	11.1/2
2	60,3	3,71	3,02	kgs. 150,60	11.1/2
2.1/2	73,0	4,90	3,01	kgs. 239,05	8
3	88,9	5,21	3,01	kgs. 309,63	8
3.1/2	101,6	5,46	3,00	kgs. 376,94	8
4	114,3	5,72	3,00	kgs. 441,04	8
5	141,3	6,22	3,00	kgs. 595,85	8
6	168,3	6,76	3,00	kgs. 791,67	8

- Galvanization : Hot dipped – the internal surface is smooth and deburred
- Ends : threaded and coupled to ansi B1.20.1 npt
- Lengths : 10 or 20 feet
- Marking : by indeleble paint according to ansi c80.1

- Zincatura : a caldo per immersione – internamente lisci e privi di asperità
- Estremità : filettate e complete di manicotto – std ansi B1.20.1 npt
- Lunghezza : 3 oppure 6 m.
- Marcatura : a vernice indelebile in accordo allo std ansi c80.1



GALVANIZED STEEL CONDUIT Ex-d TUBI CONDUIT AD-PE IN ACCIAIO ZINCATO

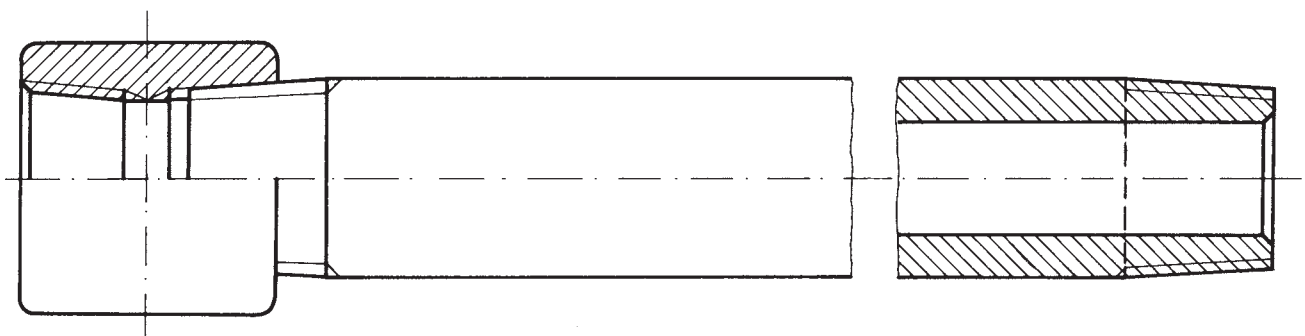
size (inch)	Outside diameter mm	wall thik (mm)	weight (Kg/mt)
1/2"	21,3	2,35	1,20
3/4"	26,9	2,35	1,50
1"	33,7	2,90	2,35
1.1/4	42,4	2,90	3,00
1.1/2	48,3	2,90	3,45
2"	60,3	3,25	4,82
2.1/2	76,1	3,25	6,17
3"	88,9	3,65	8,10
3.1/2	101,6	3,65	9,26
4"	114,3	4,05	11,66
5"	139,7	4,85	17,23
6"	168,3	4,85	20,47

RIGID STEEL CONDUIT FOR EXPLOSION-PROOF ELECTRICAL INSTALLATION ACCORDING TO STD UNI 7683

- Galvanization : std en 10240 – the internal surface is smooth and deburred
- Ends : threaded and coupled to uni 6125/7684 – ansi B1.20.1 npt
- Length : 3 or 6 m.
- Marking : by indeleble paint according to std

TUBI CONDUIT IN ACCIAIO ZINCATO PER IMPIANTI ELETTRICI ANTIDEFAGRANTI A PROVA DI ESPLOSIONE STD UNI 7683 AD-PE

- Zincatura : a caldo std en 10240 - internamente lisci e privi di asperità
- Estremità : filettate e complete di manicotto – std uni 6125/7684 - ansi B1.20.1 npt
- Lunghezza : 3 oppure 6 m.
- Marcatatura : a vernice indelebile in accordo allo std

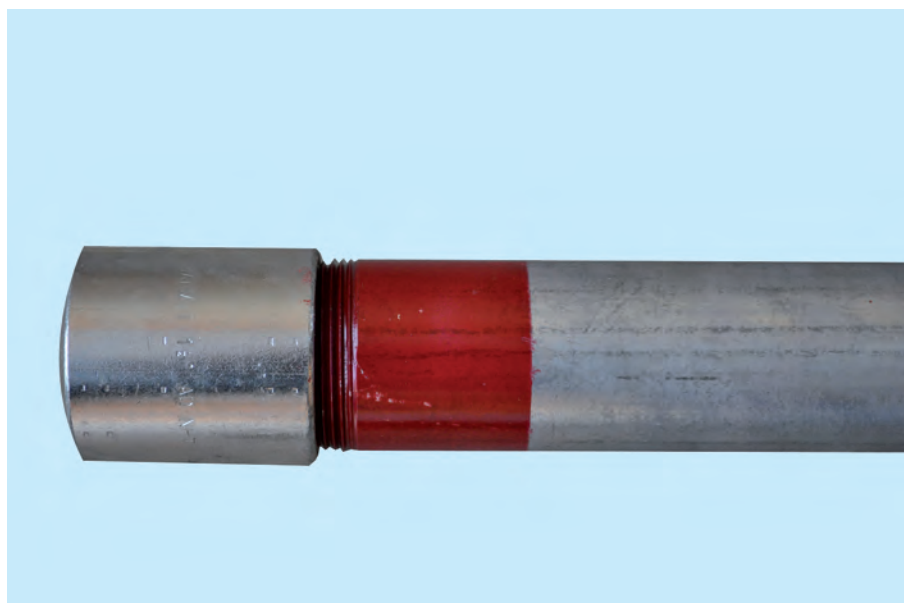


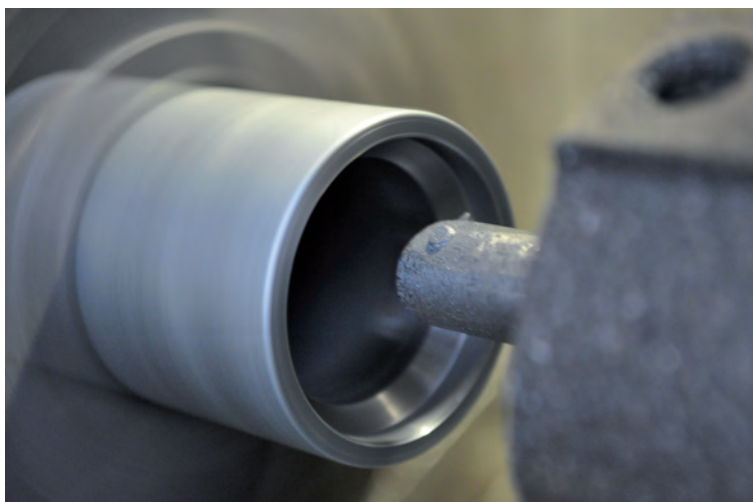
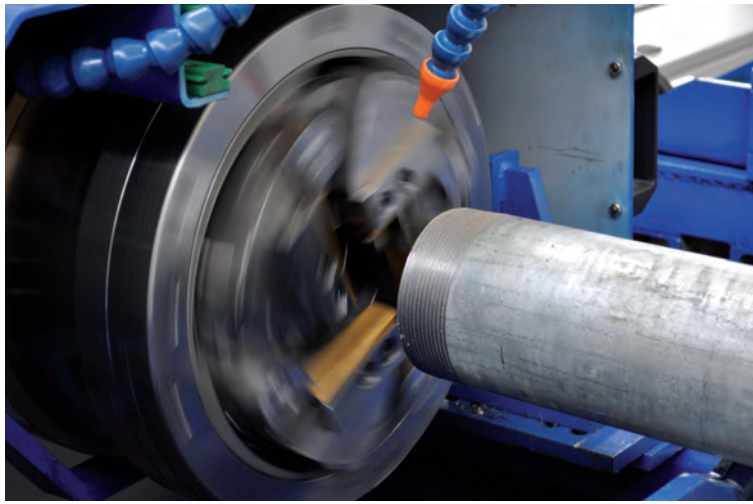
GALVANIZED STEEL CONDUIT FOR ELECTRICAL CABLES - WATERPROOF TUBI PORTACAVI RIGIDI IN ACCIAIO ZINCATO A TENUTA STAGNA

NOMINAL BORE	OUTSIDE DIAMETER MM.	THICKNESS	WEIGHT
		MM.	KG./M
3/8"	17,2	2,00	0,80
1/2"	21,3	2,35	1,18
3/4"	26,9	2,35	1,50
1"	33,7	2,90	2,34
1 1/4"	42,4	2,90	3,00
1 1/2"	48,3	2,90	3,45
2"	60,3	3,25	4,82
2 1/2"	76,1	3,25	6,17
3"	88,9	3,65	8,10
4"	114,3	4,05	11,70
5"	139,7	4,85	16,70
6"	165,1	4,85	19,80

- STD : EN 10255 - iso 65
- Galvanization : EN 10240 A1
- Ends : threaded and coupled to iso 7/1 or npt
- Length : 6 m.

- Std : EN 10255 - iso 65
- Zincatura : EN 10240 A1
- Estremità : vite e manicotto iso 7/1 oppure npt
- Lunghezza : 6 m.





GALVANIZED CARBON STEEL PIPES, THREADED AND COUPLED NPT TUBI IN ACCIAIO AL CARBONIO ZINCATI, VITE E MANICOTTO NPT

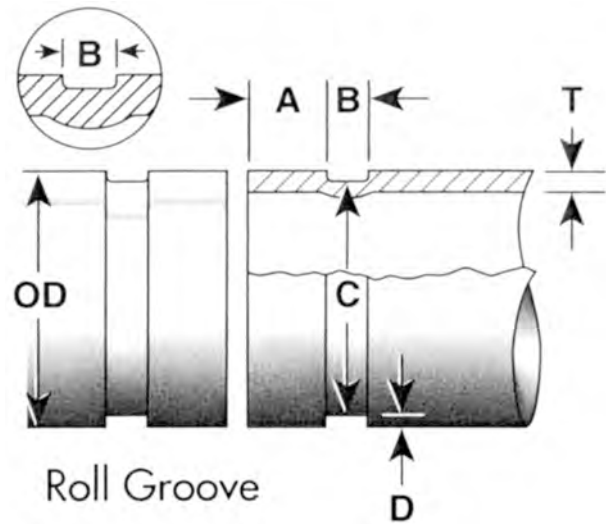
O.D. INCH.	SCH	O.D. MM.	THICK MM.	WEIGHT KG. / M.
3/8"	40	17,1	2,31	0,89
3/8"	80	17,1	3,20	1,15
1/2"	40	21,3	2,77	1,32
1/2"	80	21,3	3,73	1,69
1/2"	160	21,3	4,78	1,99
1/2"	xxs	21,3	7,47	2,61
3/4"	40	26,7	2,87	1,75
3/4"	80	26,7	3,91	2,28
3/4"	160	26,7	5,56	3,05
3/4"	XXS	26,7	7,82	3,72
1"	40	33,4	3,38	2,60
1"	80	33,4	4,55	3,36
1"	160	33,4	6,35	4,36
1"	XXS	33,4	9,09	5,56
1. 1/4"	40	42,2	3,56	3,52
1. 1/4"	80	42,2	4,85	4,65
1. 1/2"	40	48,3	3,68	4,21
1. 1/2"	80	48,3	5,08	5,65
1. 1/2"	160	48,3	7,14	7,46
1. 1/2"	XXS	48,3	10,16	9,76
2"	40	60,3	3,91	5,70
2"	80	60,3	5,54	7,80
2"	160	60,3	8,74	11,57
2"	XXS	60,3	11,07	13,71
2. 1/2"	40	73,0	5,16	9,10
2. 1/2"	80	73,0	7,01	12,00
3"	40	88,9	5,49	11,85
3"	80	88,9	7,62	16,00
4"	40	114,3	6,02	16,82
4"	80	114,3	8,56	23,45

- Material : Astm A53/A106 gr. B - Api 5l gr. B - x42

GALVANIZED LINE PIPE GROOVED ENDS FOR FIRE-FIGHTING SYSTEM TUBI IN ACCIAIO ZINCATO SCANALATI PER IMPIANTI ANTINCENDIO

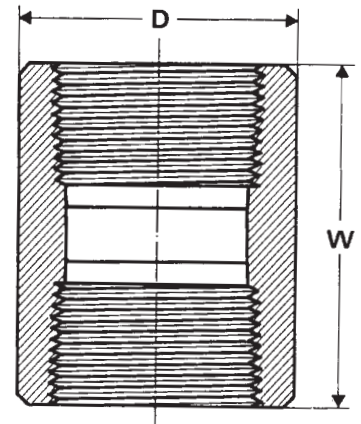
PIPE O.D.		THICK STD mm.	GASKET SEAT A mm. ± 0,76	GROOVE WIDTH B mm. ± 0,76	GROOVE DIA. C mm.		GROOVE DEPTH D mm.
INCH	mm.				BASIC	TOL. + 0.00	
1. 1/2"	48,3	3,68	15,88	7,14	45,09	-0,38	1,60
2"	60,3	3,91	15,88	8,74	57,15	-0,38	1,60
2. 1/2"	73,0	5,16	15,88	8,74	69,09	-0,46	1,98
3"	88,9	5,49	15,88	8,74	84,94	-0,46	1,98
4"	114,3	6,02	15,88	8,74	110,08	-0,51	2,11
5"	141,3	6,55	15,88	8,74	137,03	-0,56	2,13
6"	168,3	7,11	15,88	8,74	163,86	-0,56	2,16

- Material : API 5L gr.B
ASTM A53 gr.B
A106 gr.B
- Galvanizing : ASTM A53
A153
A123



MANICOTTI / COUPLINGS ASTM A105 A350 LF2 - 3000 LBS - ASME B16.11

Dt inches	D mm.	W mm.	F n.	WT kg.
1/2	28,6	47,6	14	15
3/4	34,9	50,8	14	20
1	44,4	60,3	11 1/2	38
1 1/4	57,2	66,6	11 1/2	68
1 1/2	63,5	79,4	11 1/2	99
2	76,2	85,7	11 1/2	137
2 1/2	92,1	92,1	8	207
3	108,0	108,0	8	303
4	139,7	120,0	8	544
5	168,3	123,0	8	889
6	193,7	128,8	8	960

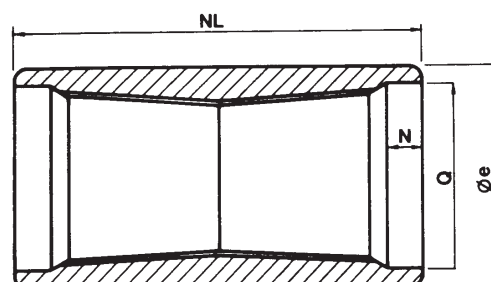


- F : numeri di filetti per pollice
 - WT : peso per 100 pezzi
- FILETTATURA ANSI B1.20.1 NPT

- F : threads for inch.
 - W : weight for 100 pieces
- THREADS ANSI B1.20.1 NPT

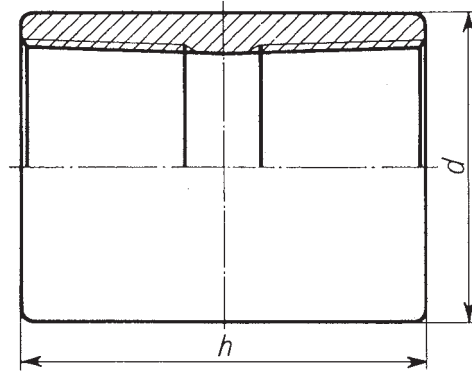
MANICOTTI PER PIPELINES - API STD COUPLINGS FOR PIPELINES - API STD

Dt inches	Øe mm.	NL mm.	Q mm.	N mm.	F n.	W kg.
1	40,6	66,7	35,0	5,7	11 1/2	25
1 1/4	52,2	69,8	43,8	5,8	11 1/2	47
1 1/2	55,9	69,8	49,9	6,2	11 1/2	41
2	73,0	73,0	62,7	6,0	11 1/2	84
2 1/2	85,7	104,8	75,4	12,5	8	148
3	101,6	108,0	91,3	12,0	8	186
3 1/2	117,5	111,1	104,0	11,8	8	269
4	132,1	114,3	116,7	12,5	8	345
5	159,9	117,5	143,7	12,8	8	453
6	187,7	123,8	170,7	14,9	8	587



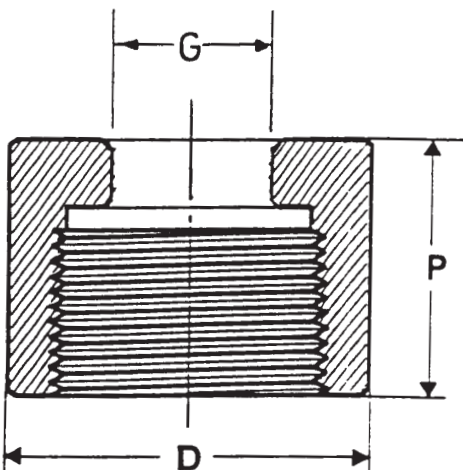
- NL : nominal lenght
 - F : threads for inch.
 - W : weight for 100 pieces
-
- NL : lunghezza nominale
 - N : numero di filetti per pollice
 - W : peso per 100 pezzi

GALVANIZED STEEL COUPLINGS FOR EXPLOSION PROOF ELECTRICAL INSTALLATIONS STD AD UNI 7684 - ANSI C80.1 / THREADS UNI 6125 - NPT



NOMINAL SIZE inch	h min.	d min.
Gk 1/2"	45	25
Gk 3/4"	45	32
Gk 1"	60	39
Gk 1 1/4"	60	48
Gk 1 1/2"	60	54
Gk 2"	60	66
Gk 2 1/2"	70	82
Gk 3"	70	95
Gk 4"	70	122

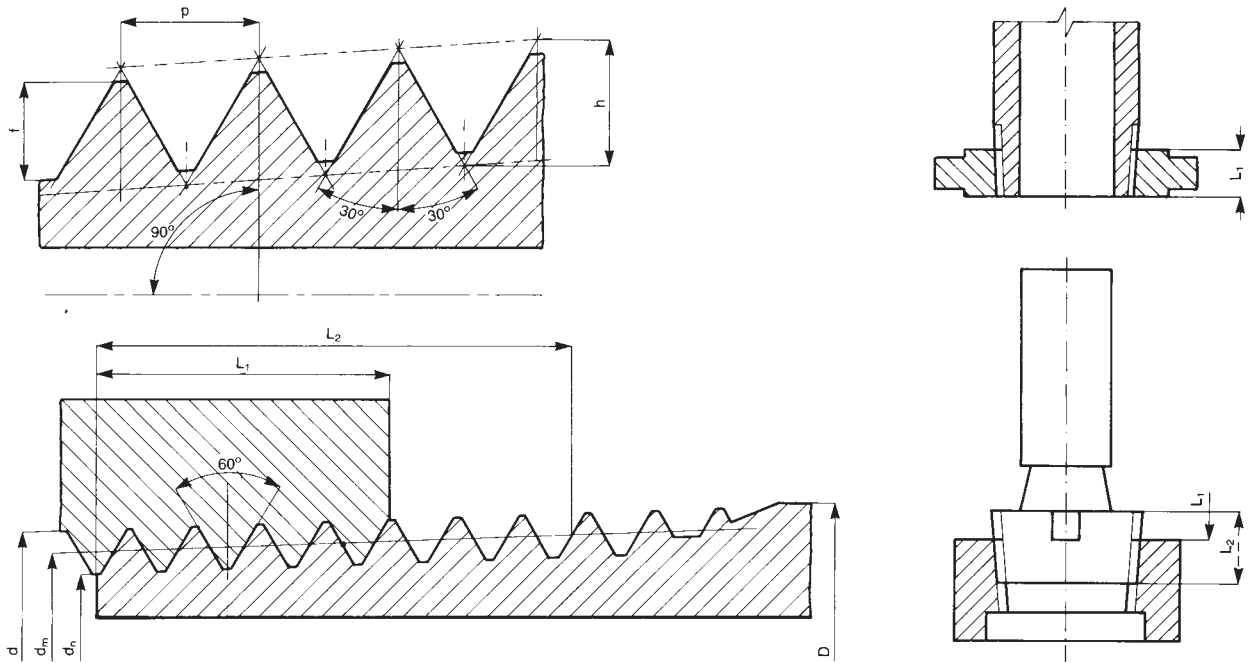
GALVANIZED STEEL BUSHING



NOMINAL SIZE INCH	P	D	G
	mm.	mm.	mm.
1/2"	26	27	16
3/4"	28	33	18
1"	32	40	23
1. 1/4"	32	50	30
1. 1/2"	35	57	36
2"	35	70	47
2. 1/2"	45	89	60
3"	45	101	70
4"	45	127	92

thread to ANSI B1.20.1 NPT - ISO 7/1 R

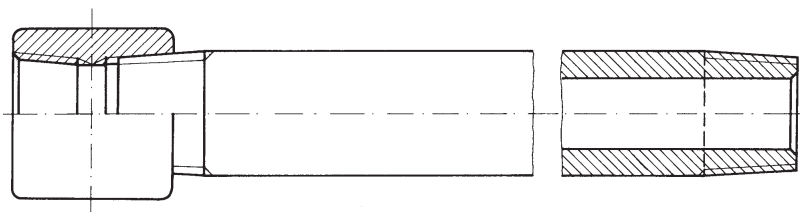
AMERICAN STANDARD THREAD ANSI B1.20.1 NPT



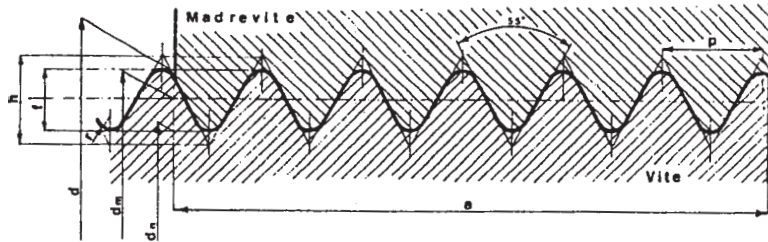
THREAD ANGLE = 60°
 PITCH = p
 HEIGHT $h = 0.866 p$

THREAD HEIGHT $f = 0.800 p$
 TAPER = 6.25%

DIMENSIONS OF PIPE			NUMBER OF THREADS PER INCH	PITCH p	DIAMETER OF SCREW			CLUTCH L_1	LENGTH OF ENGAGEMENT L_2	
SIZE NOMINAL	OUTSIDE DIAMETER D				OUTSIDE DIAMETER d	MEDIUM DIAMETER d_m	INSIDE DIAMETER d_n		INC.	mm.
INC.	INC.	mm.	INC.	mm.	mm.	mm.	mm.	INC.	mm.	
1/8	0.405	10.287	27	0.9407	0.999	9.233	8.484	4.572	6.706	0.264
1/4	0.540	13.716	18	1.4111	13.259	12.126	10.998	5.080	10.211	0.402
3/8	0.675	17.145	18	1.4111	16.662	15.545	14.427	6.906	10.363	0.408
1/2	0.840	21.336	14	1.8143	20.726	19.263	17.805	8.128	13.564	0.534
3/4	1.050	26.070	14	1.8143	26.035	24.580	23.139	8.610	13.919	0.548
1	1.315	33.401	11 1/2	2.2087	32.588	30.825	29.058	10.160	17.348	0.683
1 1/4	1.660	42.164	11 1/2	2.2087	41.326	39.550	37.795	10.668	17.958	0.707
1 1/2	1.900	48.260	11 1/2	2.2087	47.396	45.621	43.866	10.668	18.390	0.724
2	2.375	60.325	11 1/2	2.2087	59.411	57.663	55.855	14.074	19.228	0.757
2 1/2	2.875	73.025	8	3.1750	71.626	69.075	65.548	17.322	28.905	1.138
3	3.500	88.900	8	3.1750	87.401	82.321	79.456	30.480	1.200	
3 1/2	4.000	101.600	8	3.1750	100.025	97.472	94.945	20.853	31.750	1.250
4	4.500	114.300	8	3.1750	112.624	110.094	107.544	21.437	33.020	1.300
5	5.563	141.300	8	3.1750	139.471	136.924	134.391	23.799	35.712	1.406
6	6.625	168.275	8	3.1750	166.268	163.731	161.188	24.333	38.430	1.513



SCREWS ISO 7/1 FILETTATURA ISO 7/1



$h = 0,96049 p$ $f = 0,64033 p$ $r = 0,13733 p$ Conicità: 1:16

Diametro interno dei tubi in pollici	Diametro di filettatura d mm.	Passo P mm.	Numero spire per pollice	Diametro medio d _m mm.	Diametro sul fondo dei filetti della vite d _n mm.
1/8	9,73	0,907	28	9,147	8,57
1/4	13,16	1,337	19	12,301	11,45
3/8	16,66	1,337	19	15,806	14,95
1/2	20,96	1,814	14	19,793	18,63
3/4	26,44	1,814	14	25,279	24,12
1"	33,25	2,309	11	31,770	30,29
1" 1/4	41,91	2,309	11	40,431	38,95
1" 1/2	47,80	2,309	11	46,324	44,85
2"	59,61	2,309	11	58,135	56,66
2 1/2	75,18	2,309	11	73,706	72,23
3"	87,88	2,309	11	86,405	84,93
4"	113,03	2,309	11	111,551	110,07
5"	138,43	2,309	11	136,951	135,47
6"	163,83	2,309	11	162,351	160,81

STANDARD HOT DIP GALVANIZATION STANDARD DI ZINCATURA A CALDO PER IMMERSIONE

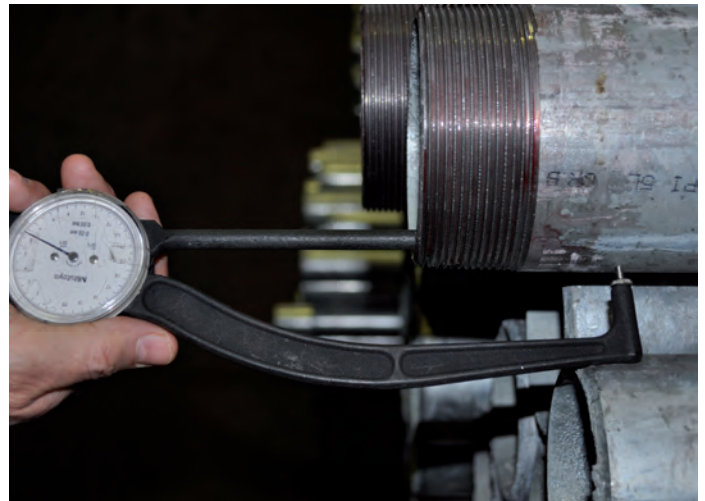
STANDARD	THICKNESS OF ZINC COATING microns	GR/M2
ASTM A123	88	610
ASTM A153	88	610
ASTM A53	80	550
BS 729	88	610
NFA 49700	72	500
EN 10240	56	400
ISO 1461	85	590

marvet provides to the customers the following services:

- availability and quotations given in the same day of the request
- technical consulting concerning to specification, kind of hot dip galvanization, threading
- order handling with issuing of quality control plan, packing list, certificates 3.1
- internal inspection or third party with following tests: flattening, bending, adhesion, mass and galvanization thickness, tensile test, impact test, chemical analysis
- packing in bundles or wooden crates acc.to the spc of the customer, suitable for the transport by truck, by sea or by air

marvet offre ai clienti i seguenti servizi:

- disponibilità materiali e preventivi vengono comunicati nel giorno stesso della richiesta
- consulenza tecnica relativa a specifiche, tipologie di zincatura a caldo, filettature
- gestione ordini con rilascio di piani di controllo, packing list, certificati 3.1
- collaudi interni o alla presenza di ispettori del cliente/terze parti con le seguenti prove: schiaccio - curvatura - massa, aderenza e spessori zincatura, calibratura delle filettature prove meccaniche, resilienze, analisi chimiche
- imballi completi in fasci o gabbie di legno, in accordo alle spc del cliente idonei al trasporto dei materiali a mezzo camion oppure via mare o aerea





ZERTIFIKAT ◆ CERTIFICATE ◆ 認許證書 ◆ CERTIFICADO ◆ CERTIFICAT



CERTIFICATO

Nr 50 100 11952

Si attesta che / This is to certify that

IL SISTEMA QUALITÀ DI
THE QUALITY SYSTEM OF

MARVET
di Sara Marengi e G. Giusti S.n.c.

SEDE LEGALE:
REGISTERED OFFICE:

VIA GALILEO GALILEI 58
I-29013 CARPANETO PIACENTINO (PC)

SEDE OPERATIVA:
OPERATIONAL SITE:

VIA ZONA INDUSTRIALE CIMAFAVA SNC - FRAZIONE CIMAFAVA
I-29013 CARPANETO PIACENTINO (PC)

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

UNI EN ISO 9001:2008

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

Fabbricazione e commercializzazione di tubi e manicotti in acciaio al carbonio, zincato e grezzo, per il settore petrolchimico su specifica del cliente e/o norme internazionali (IAF 17, 29a)

Manufacture and trade of pipes and couplings in black and galvanized carbon steel for oil and gas sector, according to customer specification and international standards (IAF 17, 29a)



ISO 9001:2008 ISO 14001:2004 IAF 17:2005 IAF 29:2005
SCR 17 005P FRS 17 007C LAB 17 003B

Membro degli Accordi di Mutual Recognition
EA, IAF e IAC

Signatory of EA, IAF and IAC Mutual Recognition Agreements

Per l'Organismo di Certificazione
For the Certification Body
TUV Italia S.r.l.

Validità / Validity
Dal / From: **2013-04-29**
Al / To: **2016-04-28**

Data emissione / Printing Date
2013-04-29

Paolo Merenda
Direttore Divisione Management Service

“LA VALIDITÀ DEL PRESENTE CERTIFICATO È SUBORDINATA A SORVEGLIANZA PERIODICA A 12 MESI E AL RISERVA 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.”

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