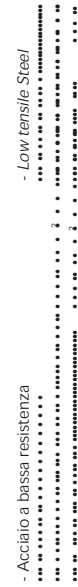


BARRE FILETATE 1 MT 4.8 THREADED RODS 4.8

DIN 913

- Acciaio a bassa resistenza

- Low tensile Steel



DiametriP ..

4.8

M 4	-0.70	1000
M 5	-0.80	1000
M 6	-1.00	1000
M 8	-1.25	1000
M 10	-1.50	1000
M 12	-1.75	1000
M 14	-2.00	1000
M 16	-2.00	1000
M 18	-2.50	1000
M 20	-2.50	1000
M 22	-2.50	1000
M 24	-3.00	1000
M 27	-3.00	1000
M 30	-3.50	1000



MISURE SIZES	Grezze Plain	Zincate CR3 Blue zinc CR3	IMBALLO
• • • • • 470.00	470.00	550.00	100
• • • • • 650.00	650.00	720.00	100
• • • • • 720.00	720.00	780.00	100
• • • • • 1170.00	1170.00	1270.00	50
• • • • • 1900.00	1900.00	2055.00	25
• • • • • 2700.00	2700.00	2900.00	20
• • • • • 3750.00	3750.00	4030.00	10
• • • • • 5030.00	5030.00	5400.00	10
• • • • • 6020.00	6020.00	6470.00	10
• • • • • 7400.00	7400.00	7950.00	5
• • • • • 9260.00	9260.00	9960.00	5
• • • • • 10890.00	10890.00	11700.00	5
• • • • • 17580.00	17580.00	18900.00	5
• • • • • 21550.00	21550.00	23160.00	5



industriali e nelle carpenterie. Particolarmente adatte in tutti i
e/o dove la testa della vite ne impedisce l'utilizzo. Utilizzabili con

*Threaded 1 metre metal rods used in a wide range of sectors:
craftwork, industrial and in carpentry. Particularly suitable for all
tasks in which the length to use are non standard and/or where
the screw head does not interfere with the use. Usable with
domed cap nuts and coupling nuts.*

DADI

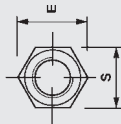
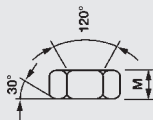
CODICE CODE 93480



DADI ESAGONALI NORMALI PASSO GROSSO CL 8(6S) HEXAGON NUTS CL. 8(6S)

DIN 93480

- Acciaio a media resistenza
- Classe 8 (6S)
- Carico unitario di prova: 800 N/mm²
- Carico di durezza: 89 HRB Min
- Medium tensile steel
- Class 8 (6S) steel
- Unit load test: 800 N/mm²
- Hardness load minimum: 89 HRB Min



Diametri Diameters	Limiti Limits	E	M	S	P
M 3	Min.	6,01	2,15	-	-0,50
	Max	-	2,40	5,50	-
M 4	Min.	7,66	2,90	-	-0,70
	Max	-	3,20	7,00	-
M 5	Min.	8,79	3,70	-	-0,80
	Max	-	4,00	8,00	-
M 6	Min.	11,05	4,70	-	-1,00
	Max	-	5,00	10,00	-
M 8	Min.	14,38	6,14	-	-1,25
	Max	-	6,50	13,00	-
M 10	Min.	18,90	7,64	-	-1,50
	Max	-	8,00	17,00	-
M 12	Min.	21,10	9,64	-	-1,75
	Max	-	10,00	19,00	-
M 14	Min.	24,49	10,30	-	-2,00
	Max	-	11,00	22,00	-
M 16	Min.	26,75	12,30	-	-2,00
	Max	-	13,00	24,00	-
M 18	Min.	29,56	14,30	-	-2,50
	Max	-	15,00	27,00	-
M 20	Min.	32,95	14,90	-	-2,50
	Max	-	16,00	30,00	-
M 22	Min.	35,03	16,90	-	-2,50
	Max	-	18,00	32,00	-
M 24	Min.	39,55	17,70	-	-3,00
	Max	-	19,00	36,00	-
M 27	Min.	45,20	20,70	-	-3,00
	Max	-	22,00	41,00	-
M 30	Min.	50,82	22,70	-	-3,50
	Max	-	24,00	46,00	-

Dadi utilizzati in svariati settori industriali, meccanici ed artigianali in abbinamento a bulloni, viti e/o rondelle.

Nuts used in various industrial, mechanical and craftwork sectors in conjunction with bolts, screws and/or washers.

MISURE SIZES	FINITURA/FINISHING	IMBALLO/PACKAGING
M3	Zincate CR3	4.000 (4)
M4	Blue Zinc CR3	24.000 (24)
M6		4.000 (4)
M8		24.000 (24)
M10		12.000 (12)
M12		2.000 (4)
M14		2.000 (4)
M16		2.000 (4)
M18		2.000 (4)
M20		2.000 (4)
M22		2.000 (4)
M24		2.000 (4)
M27		2.000 (4)
M30		2.000 (4)



Direttiva RoHS vedi pag. 4
Directive "RoHS" see page 4



Prezzi per 1000 pz | Euro prices / 1.000 pcs

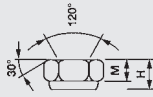
Numero Verde
800-953372
JUST FOR ITALY

AUTOB. BASSI
CODICE CODE 98580



DADI AUTOBLOCCANTI/NYLON BASSIA PASSO GROSSO CL.8(6S) INSERT NYLON NUTS CL. 8(6S)

DIN

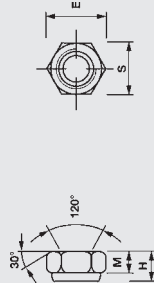


Diametri Diameters	Limiti Limits	H	M	S	E	P
M 4	Min.	4,70	2,90	6,78	7,66	-0,70
	Max	5,00	-	7,00	-	-
M 5	Min.	4,70	3,20	7,78	8,79	-0,80
	Max	5,00	-	8,00	-	-
M 6	Min.	5,70	4,00	9,78	11,05	-1,00
	Max	6,00	-	10,00	-	-
M 8	Min.	7,64	5,50	12,73	14,38	-1,25
	Max	8,00	-	13,00	-	-
M 10	Min.	9,64	6,50	16,73	18,90	-1,50
	Max	10,00	-	17,00	-	-
M 12	Min.	11,57	8,00	18,67	21,10	-1,75
	Max	12,00	-	19,00	-	-

Dadi utilizzati in svariati settori industriali, meccanici ed artigianali in abbinamento a bulloni, viti e/o rondelle. L'inserto in nylon consente una maggiore resistenza allo svitamento.

Nuts used in various industrial mechanical and craftwork sectors in conjunction with bolts, screws and/or washers. The nylon bit offers a major resistance to loosening.

AUTOB. ALTI
CODICE CODE 98280



Diametri Diameters	Limiti Limits	H	M	S	E	P
M 5	Min.	6,00	4,40	7,78	8,79	-0,80
	Max	6,30	-	8,00	-	-
M 6	Min.	7,00	4,90	9,78	11,05	-1,00
	Max	8,00	-	10,00	-	-
M 8	Min.	9,14	6,44	12,73	14,38	-1,25
	Max	9,50	-	13,00	-	-
M 10	Min.	11,14	8,04	16,73	18,90	-1,50
	Max	11,50	-	17,00	-	-
M 12	Min.	13,64	10,37	18,67	21,10	-1,75
	Max	14,00	-	19,00	-	-

Dadi utilizzati in svariati settori industriali, meccanici ed artigianali in abbinamento a bulloni, viti e/o rondelle. L'inserto in nylon consente una maggiore resistenza allo svitamento.

Nuts used in various industrial, mechanical and craftwork sectors in conjunction with bolts, screws and/or washers. The nylon bit offers a major resistance to loosening.

- Acciaio a media resistenza
- Classe 8 (6S)
- Carico di durezza: 89 HRB Min
- Materiale inserto: polyamide
- Medium tensile steel
- Class 8 (6S) steel
- Hardness load minimum: 89 HRB Min
- Insert material: polyamide

FINITURA/FINISHING		IMBALLO/PACKAGING	
	Zincate CR3 Blue zinc CR3		
MISURE SIZES Ø			
M 4	14,65	24.000 (24)	4.000 (4)
•••••	16,95	12.000 (24)	2.000 (4)
M 6	22,00	6.000 (12)	2.000 (4)
M 8	47,70	4.000 (8)	2.000 (4)
M 10	94,65	1.600 (8)	800 (4)
M 12	136,90	1.200 (6)	400 (2)



DIN

- Acciaio a media resistenza
- Classe 8 (6S)
- Carico di durezza: 89 HRB Min
- Materiale inserto: polyamide
- Medium tensile steel
- Class 8 (6S) steel
- Hardness load minimum: 89 HRB Min
- Insert material: polyamide

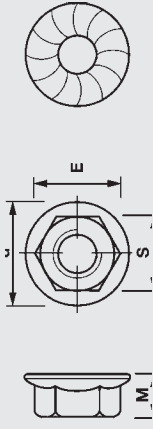
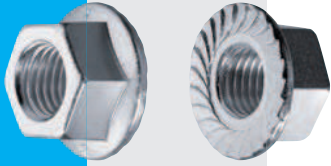
FINITURA/FINISHING		IMBALLO/PACKAGING	
	Zincate CR3 Blue zinc CR3		
MISURE SIZES Ø			
•••••	18,55	12.000 (24)	2.000 (4)
M 6	28,05	6.000 (12)	2.000 (4)
M 8	56,80	3.000 (6)	1.000 (2)
M 10	118,10	1.200 (6)	400 (2)
M 12	168,50	800 (4)	400 (2)



DADI FLANGIATI DENTELLATI A PASSO GROSSO CL. 8

HEXAGON FLANGE NUTS WITH SERRATION CL. 8

DADI FLANG.
CODICE CODE 69238



Diametri Diameters	Limiti Limits	M	D	S	E	P
M 4	Min.	4,20	9,60	6,78	7,66	-0,70
	Max	4,65	10,00	7,00	-	-
M 5	Min.	4,70	9,80	7,78	8,79	-0,80
	Max	5,00	11,80	8,00	-	-
M 6	Min.	5,70	12,20	9,78	11,03	-1,00
	Max	6,00	14,20	10,00	-	-
M 8	Min.	7,60	15,80	12,73	14,38	-1,25
	Max	8,00	17,90	13,00	-	-
M 10	Min.	9,60	19,60	14,73	16,64	-1,50
	Max	10,00	21,80	15,00	-	-
M 12	Min.	11,60	23,80	17,73	20,03	-1,75
	Max	12,00	26,00	18,00	-	-

adati utilizzati in svariati settori industriali, meccanici ed artigianali in abbinamento a bulloni, viti e/o rondelle.

Nuts used in various industrial, mechanical and craftwork sectors in conjunction with bolts, screws and/or washers.

DIN 4161

- Acciaio a media resistenza
- Classe 8
- Carico di durezza: 89 HRB Min
- Medium tensile steel
- Class 8 steel
- Hardness/ load minimum: 89 HRB Min

FINITURA/FINISHING

MISURE SIZES Ø	Zincate CR3 Blue zinc CR3	Zincate gialle Yellow zinc	Ottone Brass pl.	IMBALLO/PACKAGING
M 4	13,55	12,00 (2)	74,00	4,000 (4)
•••••	16,55	6,000 (2)	82,50	2,000 (4)
M 6	21,35	6,000 (2)	101,50	2,000 (4)
M 8	45,60	3,000 (6)	208,50	1,000 (2)
M 10	80,85	1,200 (6)	302,00	400 (2)
M 12	130,70	800 (4)	474,50	400 (2)



DIN 15870

- Acciaio a bassa resistenza
- Classe 6
- Carico di durezza: 79 HRB Min
- Low tensile steel
- Class 6 steel
- Hardness/ load minimum: 79 HRB Min

FINITURA/FINISHING

MISURE SIZES	Zincate CR3 Blue zinc CR3	Zincate gialle Yellow zinc	Ottone Brass pl.	IMBALLO/PACKAGING
•••••	45,00	47,00	74,00	8,000 (8)
M 6	50,00	52,50	82,50	6,000 (6)
M 8	96,50	101,50	159,00	2,000 (4)
M 10	198,50	208,50	327,50	800 (4)
M 12	287,50	302,00	474,50	400 (2)
M 14	460,00	483,00	759,00	400 (4)
M 16	559,00	587,00	922,00	400 (4)
M 18	1,062,00	1,115,00	1,752,00	200 (4)
M 20	1,466,00	1,539,00	2,419,00	200 (4)

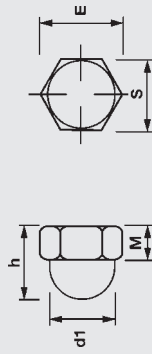


Direttiva RoHS vedi pag. 4
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DADI CIECHI CL. 6

HEXAGON DOMED CAP NUTS CL. 6

DADI CIECHI
CODICE CODE 15870



Diametri Diameters	Limiti Limits	S	M	H	D1	E
M 5	Min.	8,00	3,70	10,00	7,50	8,79
	Max	4,00	10,00	7,50	-	-
M 6	Min.	10,00	4,70	12,00	9,50	11,05
	Max	5,00	12,00	9,50	-	-
M 8	Min.	13,00	6,14	15,00	12,50	14,38
	Max	6,50	15,00	12,50	-	-
M 10	Min.	17,00	7,64	18,00	16,00	17,77
	Max	8,00	18,00	16,00	-	-
M 12	Min.	19,00	9,64	22,00	18,00	20,03
	Max	10,00	22,00	18,00	-	-

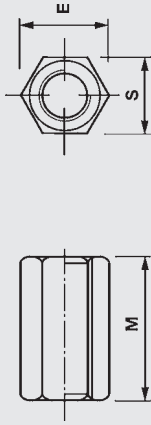
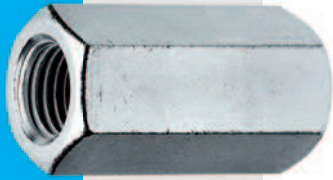
Dadi utilizzati in svariati settori industriali, meccanici ed artigianali in abbinamento a bulloni, viti e/o rondelle.

Nuts used in various industrial, mechanical and craftwork sectors in conjunction with bolts, screws and/or washers.

Usabili con viti a filetti e dadi di giunzione.

Usable with threaded rods and coupling nuts.

DADI GIUNZIONE CL. 6 COUPLING NUTS CL. 6



Diametri Diámetros	E		M		S
	Min.	Max.	Min.	Max.	
M5x8x20	8,79	18,75	21,25	8,00	
M6x10x20	11,05	18,75	21,25	10,00	
M6x10x30	11,05	28,75	31,25	10,00	
M6x10x40	11,05	38,75	41,25	10,00	
M8x13x20	14,38	18,75	21,25	13,00	
M8x13x30	14,38	28,75	31,25	13,00	
M8x13x40	14,38	38,75	41,25	13,00	
M10x17x20	18,90	18,75	21,25	17,00	
M10x17x30	18,90	28,75	31,25	17,00	
M10x17x40	18,90	38,75	41,25	17,00	
M12x19x30	21,10	28,75	31,25	19,00	
M12x19x40	21,10	38,75	41,25	19,00	
M14x21x30	23,35	28,75	31,25	21,00	
M14x21x40	23,35	38,75	41,25	21,00	
M16x24x30	26,75	28,75	31,25	24,00	
M16x24x40	26,75	38,75	41,25	24,00	
M16x24x50	26,75	48,75	51,25	24,00	
M18x27x55	29,56	53,75	56,25	27,00	
M20x30x50	32,95	48,75	51,25	30,00	
M20x30x60	32,95	58,75	61,25	30,00	

DIN

- Classe 6 - Class 6 steel

MISURE SIZES Ø	FINITURA/FINISHING	IMBALLO/PACKAGING	
.....	Zincate CR3 Blue zinc-CR3		
M6 x 10 x 20	3.000 (6)	1000 (2)	500
M6 x 10 x 30	128,00	800 (4)	200
M6 x 10 x 40	193,00	400 (2)	200
M8 x 13 x 20	310,00	400 (2)	200
M8 x 13 x 30	197,00	400 (4)	100
M8 x 13 x 40	300,00	400 (4)	100
M10 x 17 x 20	395,00	600 (6)	200
M10 x 17 x 30	343,00	600 (2)	200
M10 x 17 x 40	511,00	400 (8)	50
M10 x 17 x 50	684,00	300 (6)	50
M12 x 19 x 30	604,00	300 (6)	50
M12 x 19 x 40	804,00	200 (4)	50
M14 x 21 x 30	747,00	300 (6)	50
M14 x 21 x 40	890,00	200 (4)	50
M16 x 24 x 30	923,00	200 (8)	25
M16 x 24 x 40	1.225,00	150 (6)	25
.....	1.535,00	100 (4)	25
.....	2.065,00	100 (4)	25
.....	3.295,00	100 (4)	25
M20 x 30 x 60	3.835,00	100 (4)	25



Dadi utilizzati in svariati settori industriali, meccanici ed artigianali

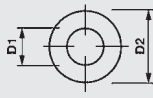
Nuts used in various industrial, mechanical and craftwork sectors and used as a complement to the threaded rods and hexagon capped cap nuts.



RONDELLE PIANE PER TESTA ESAGONALE FLAT WASHERS

DIN

- Acciaio
- Classe 100 HV
- Steel
- Class 100 HV steel



Diametri Diameters	Limiti Limits	D1	D2	S
M 3	Min.	3,20	6,64	0,45
	Max	3,38	7,00	0,55
M 4	Min.	4,30	8,64	0,70
	Max	4,48	9,00	0,90
M 5	Min.	5,30	9,64	0,90
	Max	5,48	10,00	1,10
M 6	Min.	6,40	11,57	1,40
	Max	6,62	12,00	1,80
M 8	Min.	8,40	15,57	1,40
	Max	8,62	16,00	1,80
M 10	Min.	10,50	19,48	1,80
	Max	10,77	20,00	2,20
M 12	Min.	13,00	23,48	2,30
	Max	13,27	24,00	2,70
M 14	Min.	15,00	27,48	2,30
	Max	15,27	28,00	2,70
M 16	Min.	17,00	29,48	2,70
	Max	17,27	30,00	3,30
M 18	Min.	19,00	33,38	2,70
	Max	19,33	34,00	3,30
M 20	Min.	21,00	36,38	2,70
	Max	21,33	37,00	3,30
M 22	Min.	23,00	38,38	2,70
	Max	23,33	39,00	3,30
M 24	Min.	25,00	43,38	3,70
	Max	25,33	44,00	4,30
M 27	Min.	28,00	49,38	3,70
	Max	28,33	50,00	4,30
M 30	Min.	31,00	55,26	3,70
	Max	31,39	56,00	4,30

Rondelle utilizzate in svariati settori industriali, meccanici ed artigianali in abbinamento a bulloni, viti e/o dadi.

Washers used in various industrial, mechanical and craftwork sectors in conjunction with bolts, screws and/or nuts.

MISURE SIZES Ø	FINITURA/FINISHING	IMBALLO/PACKAGING
M 3	Zincato CR3 Blue zinc CR3	2,000
M 4	4,25	8,000 (4)
M 4	5,50	48,000 (24)
M 4	6,50	24,000 (12)
M 6	10,20	8,000 (4)
M 6	17,40	24,000 (12)
M 8	30,00	4,000 (4)
M 10	48,00	6,000 (6)
M 12	65,00	4,000 (4)
M 14	83,30	2,000 (2)
M 16	113,70	2,000 (4)
M 18	121,90	800 (4)
M 20	150,00	800 (4)
M 22	248,00	400 (4)
M 24	318,60	400 (4)
M 27	487,00	400 (4)
M 30		400 (4)



Direttiva RoHS vedi pag. 4
Directive "RoHS" see page 4

Prezzi per 1000 pz | Euro prices / 1,000 pcs



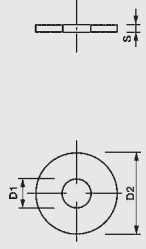
XL WASHERS
CODICE CODE 90210



RONDELLE PIANE FASCIA LARGA 3 VOLTE DIAM.

EXTRA LARGE FLAT WASHERS

DIN

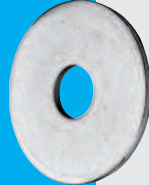


Diametri Diameters	Limiti Limits		D1	D2	S
	Min.	Max			
M 3	Min.	3,20	8,64	0,70	
	Max	3,38	9,00	0,90	
M 4	Min.	4,30	11,57	0,90	
	Max	4,48	12,00	1,10	
M 5	Min.	5,30	14,57	1,00	
	Max	5,48	15,00	1,40	
M 6	Min.	6,40	17,57	1,40	
	Max	6,62	18,00	1,80	
M 8	Min.	8,40	23,48	1,80	
	Max	8,62	24,00	2,20	

Rondelle utilizzate in svariati settori industriali, meccanici ed artigianali in abbinamento a bulloni, viti e/o dadi.

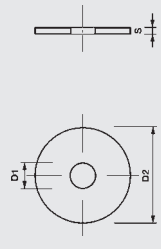
Washers used in various industrial, mechanical and craftwork sectors in conjunction with bolts, screws and/or nuts.

XXL WASHERS
CODICE CODE 90410



RONDELLE PIANE FASCIA LARGA 4 VOLTE DIAM.

EXTRA LARGE FLAT WASHERS 4 TIME



Diametri Diameters	Limiti Limits		D1	D2	S
	Min.	Max			
M 5	Min.	5,40	19,48	1,40	
	Max	5,62	20,00	1,80	
M 6	Min.	6,40	23,48	1,80	
	Max	6,62	24,00	2,20	
M 8	Min.	8,40	31,38	2,30	
	Max	8,62	32,00	2,70	
M 10	Min.	11,00	39,38	2,70	
	Max	11,50	40,00	3,30	
M 12	Min.	13,00	47,38	3,80	
	Max	13,33	48,00	4,20	
M 14	Min.	15,00	55,38	3,80	
	Max	15,33	56,00	4,20	
M 16	Min.	17,00	63,38	3,80	
	Max	17,33	64,00	4,20	

Rondelle utilizzate in svariati settori industriali, meccanici ed artigianali in abbinamento a bulloni, viti e/o dadi.

Washers used in various industrial, mechanical and craftwork sectors in conjunction with bolts, screws and/or nuts.

MISURE SIZES Ø	FINITURA/FINISHING		IMBALLO/PACKAGING	
	Zincate CR3 Blue zinc CR3			
M 3 x 9	7,20	48,000 (24)	8,000 (4)	2,000
M 4 x 12	7,60	24,000 (12)	8,000 (4)	2,000
M 6 x 18	23,00	12,000 (6)	4,000 (2)	2,000
M 8 x 24	53,10	8,000 (4)	4,000 (2)	1,000
M 10 x 30	97,50	2,000 (4)	1,000 (2)	500
M 12 x 36	192,50	800 (4)	400 (2)	200
M 16 x 48	366,60	400 (4)	200 (2)	100
M 20 x 60	696,00	400 (4)	200 (2)	100



- Acciaio
- Classe 100 HV

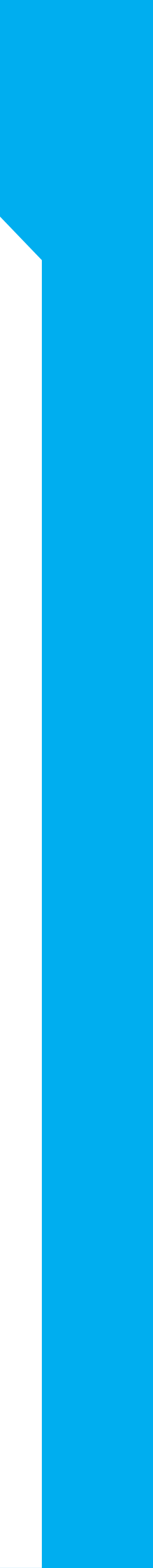
- Steel/
- Class 100 HV steel

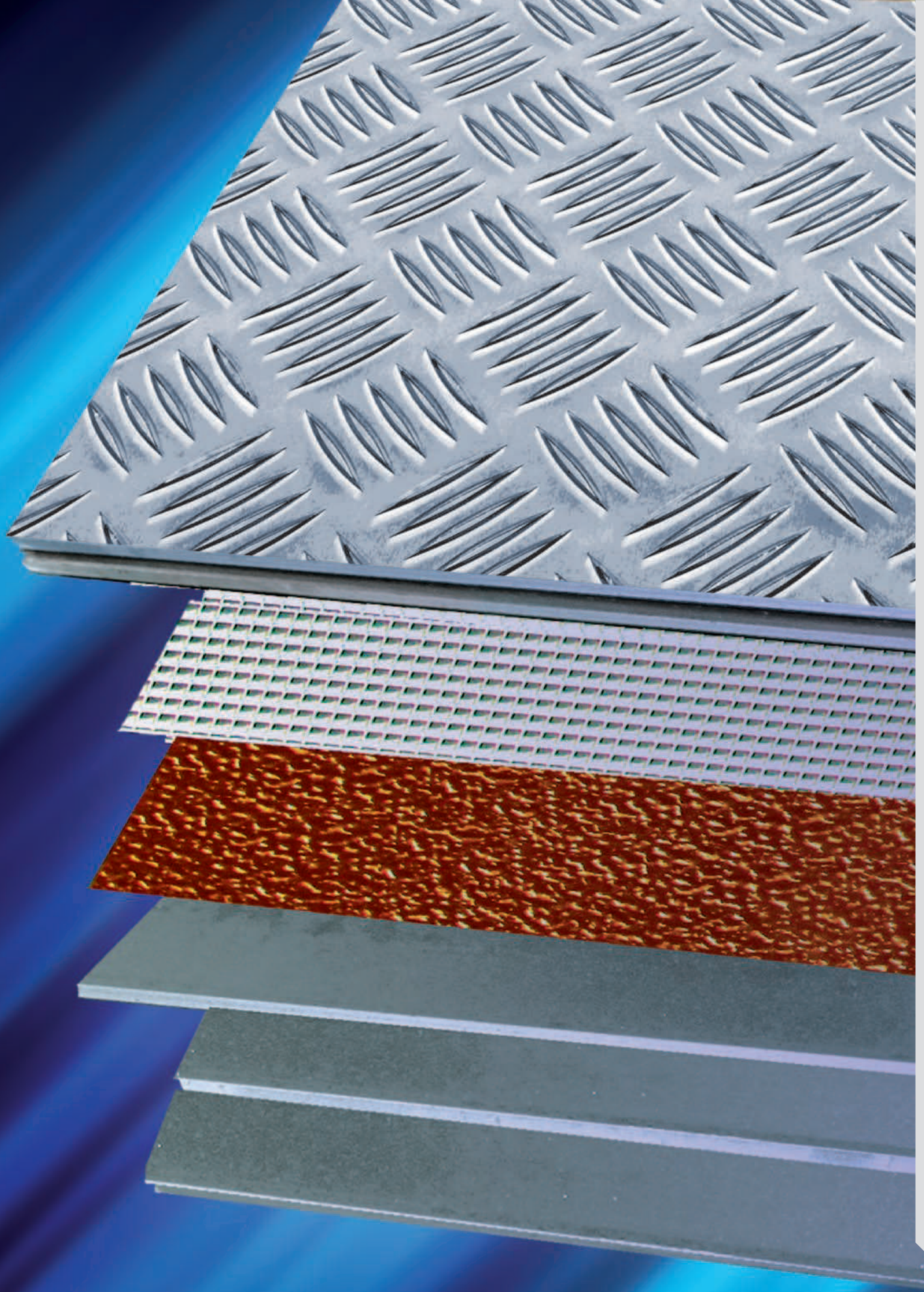
- Acciaio
- Classe 100 HV

- Steel/
- Class 100 HV steel

MISURE SIZES Ø	FINITURA/FINISHING		IMBALLO/PACKAGING	
	Zincate CR3 Blue zinc CR3			
M 6 x 24	25,10	6,000 (6)	2,000 (2)	1,000
M 8 x 32	45,60	4,000 (4)	2,000 (2)	1,000
M 10 x 40	101,60	2,000 (4)	1,000 (2)	500
M 12 x 48	186,70	800 (4)	400 (2)	200
M 16 x 64	357,00	400 (4)	200 (2)	100
M 20 x 80	693,00	300 (3)	300 (3)	100
M 24 x 96	1035,00	200 (2)	200 (2)	100







VITI AUTOFILETTANTI TAPPING SCREWS

VITI AUTOFILETTANTI TE FINITA RONDELLA PIANA HEX FLAT WASHER HEAD TAPPING SCREWS	69280	TE FR	PAG./ PAGE	123
VITI AUTOFILETTANTI TC PH PH PAN HEAD TAPPING SCREWS	79810	TC PH	PAG./ PAGE	124
VITI AUTOFILETTANTI TSP PH PH FLAT HEAD TAPPING SCREWS	79820	TSP PH	PAG./ PAGE	126
VITI AUTOFILETTANTI TMT PH PH TRUSS HEAD TAPPING SCREWS	79380	TMT PH	PAG./ PAGE	128
VITI AUTOFILETTANTI TC/CE HEXAGON SOCKET HEAD TAPPING SCREWS	79870	TC CE	PAG./ PAGE	129
VITI PER CALCESTRUZZO TSP TX 30 DIAM 7,5 MM CONCRETE SCREWS TX 30 FLAT HEAD DIAM 7,5 MM	07072	TSP TX	PAG./ PAGE	130
VITI PER CALCESTRUZZO TC TX 15 AUTOMASCHIANTI DIAM 5 MM CONCRETE SCREWS TX 15 CYLINDER HEAD WITH 3 FLUTED ON THREAD DIAM 5 MM	07065	TC CE	PAG./ PAGE	131
VITI PER CALCESTRUZZO TC TX 30 DIAM 7,5 MM CONCRETE SCREWS TX 30 CYLINDER HEAD DIAM 7,5 MM	07062	TC TX	PAG./ PAGE	132
VITI AUTOFILETTANTI TE FLANGIA BOMBATA AUTOMASCHIANTI HEXAGON FLANGE WASHER UNDERCUT H. TAPPING SCREWS WITH CUTTING THREAD	79770	TE FL	PAG./ PAGE	133
VITI AUTOFILETTANTI TE FLANGIA BOMBATA FILETTO A LEGNO HEXAGON FLANGE WASHER UNDERCUT H. WOOD THREAD SCREWS	59770	TE FL W	PAG./ PAGE	134