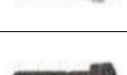
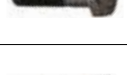
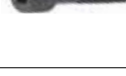


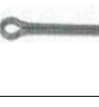


Métrique
Metric

	Boulon tête hex. à embase Hex bolt with flange	JIS 10.9	P. 5
	Boulon tête hex. Hex bolt	JIS 8.8	P. 5
	Boulon tête hex. à embase Hex bolt with flange	DIN 6921	P. 6
	Boulon tête hex. d'assemblage Hex bolt	REG 8.8	P. 7 - 12
	Boulon tête hex. d'assemblage Hex bolt	FIN 8.8	P. 12 - 14
	Boulon tête hex. d'assemblage Hex bolt	REG 10.9	P. 15 - 19
	Boulon tête hex. d'assemblage Hex bolt	FIN 10.9	P. 20-21
	Boulon tête hex. d'assemblage Hex bolt	REG 18.8	P. 22-23
	Boulon tête hex. d'assemblage Hex bolt	REG 12.9	P. 24
	Boulon tête hex. d'assemblage Hex bolt	ISO 10.9	P. 25-26
	Goujons filletées 2 bouts Cylinder head and manifold studs	DIN 939	P. 37
	Tiges filletées Treaded rods	DIN 975	P. 40
	Clavettes woodruff Woodruff Keys	DIN 6888	P. 67
	Barres à Clavettes Key stock	DIN 6880	P. 67
	Clavettes parallèles Parallel KEYS (shaft)	DIN 6885-A	P. 68
	Bagues de retenue Retaining rings		P. 69

	Vis à tête cylindrique à 6 pans creux Socket head cap screws	REG CLASSE 12.9	P. 31 - 45
	Vis à tête bouton à 6 pans creux Button head socket cap screws	REG CLASSE 10.9	P. 46
	Vis de pression à tête carrée Square head set screws	REG CLASSE 8.8	P. 47
	Vis à tête plate à 6 pans creux Flat head socket cap screws	REG CLASSE 10.9	P. 48-49
	Vis sans tête à 6 pans creux - bout cuvette Socket set screws - cup point	REG CLASSE 14.9	P. 50-51
	Boulons de carrosserie à collet carré Carriage bolts square neck	REG CLASSE 4.6	P. 52
	Vis à métal à tête pan - torx Torx pan head tapping screws	TYPE AB	P. 52
	Vis machine tête ovale cruciforme Phillips oval head machine screws	REG CLASSE 4.8	P. 53
	Vis machine tête plate cruciforme Phillips flat head machine screws	REG CLASSE 4.8	P. 54
	Vis machine tête pan cruciforme Phillips pan head machine screws	REG CLASSE 4.8	P. 55
	Vis machine tête cheese fendue Slotted cheese head machine screws	REG CLASSE 4.8	P. 56
	Vis spéciales Special screws		P. 73-80

	Écrous hexagone à embase rainurées hexagon flange nuts serated	JIS CLASSE 10	P. 5 P. 30
	Écrous hex. Hexagon nut	JIS CLASSE 8	P. 5 P. 27
	Écrous hexagone à embase hexagon flange nuts	DIN 6923	P. 6 P. 28
	Écrous hexagone hexagon nuts	CLASSE 8 & 10 DIN934	P. 25 P.-28
	Écrous blocage avec nylon hexagon nylon lock nuts	CLASSE 8 & 10 DIN934	P. 29
	Écrous blocage avec nylon à embase hex. Flange nylon Lock nuts	CLASSE 8 DIN 6926	P. 28
	Écrous hexagone auto-bloquant stover lock nuts	CLASSE 8 & 10 DIN980	P. 30
	Écrous à oreilles wing nuts	DIN 315	P. 31
	Écrous borgnes acorn cap nuts	DIN 1587	P. 31
	Écrous à souder weld nuts	DIN 929	P. 31
	Écrous à créneaux dégagés castle nuts	DIN 935	P. 31
	Écrous keps® keps® nuts	N027	P. 31
	Contre-écrous hexagonaux "jam" Hexagon jam nuts	DIN 936	P. 32
	Écrous spéciaux Special nuts		P. 70-82

	Rondelles plates flat washers	DIN 125	P. 33
	Rondelles ressort lock washers	DIN 127	P. 33
	Rondelles de Blocage -dentelées Tooth lock washers	DIN 6798	P. 34
	Rondelles de Pare-choc fender washers	DIN 9021	P. 34
	Rondelles heico® Disc-lock® washers	HEICO	P. 35
	Rondelles plates extra robuste super heavy flat washers	DIN 7349	P. 35
	Anneau de joint à noyau - cuivre festaplan® Copper festaplan® washers	DIN 7603-C	P. 35
	Anneau de joint recuit - cuivre Copper annealed washers	CUIVRE	P. 35
	Goupilles à ressort en spirale Coiled spring pins	DIN 7343	P. 57
	Goupilles tendueuses à ressort Spring tension pins	DIN 1481	P. 60-61
	Goupilles coniques Taper pins	DIN 1B	P. 62-63
	Goupilles cylindriques trempées - tolérance m6 Dowel pins - precision ground tol. M6	DIN 6325	P.64-65
	Goupilles fendues Cotter pins	DIN 94	P. 66
	Écrous raccord Coupling nut	CLASSE 4.6 DIN 6334	P. 38

ÉQUIVALENT DE BOULONS ET ÉCROUS - STANDARDS ET MÉTRIQUE

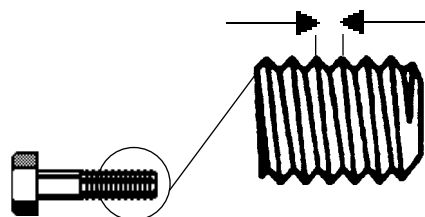
DIA.	UNC	UNF	HEX	ÉQUIVALENT
1	64	72	-	M2 x 0.40
3	48	56	-	M2.5 x 0.45
4	40	48	-	M3 x 0.5
6	32	40	-	M3.5 x 0.6
8	32	36	-	M4 x 0.7
10	24	32	-	M5 x 0.8
1/4	20	28	7/16	M6 x 1.00
5/16	18	24	1/2	M8 x 1.25
3/8	16	24	9/16	M10 x 1.50
7/16	14	20	11/16	M12 x 1.75
1/2	13	20	3/4	M14 x 2.00
9/16	12	18	7/8	-
5/8	11	18	15/16	M16 x 2.00
3/4	10	16	1-1/8	M20 x 2.50
7/8	9	14	1-5/16	-
1	8	14	1-1/2	M24 x 3.00
1-1/8	7	12	1-11/16	M30 x 3.50
1-1/4	7	12	1-7/8	M36 x 4.00
1-1/2	6	12	2-1/4	-

SYMBOLES ET ABRÉVIATIONS

ANSI = American National Standards Institute
ASTM = American Society for Testing and Materials
BSW = British Standard Whitworth
DIN = Deutsches Institut für Normung
ISO = International Organization for Standardization
JIS = Japanese Industrial Standards
SAE = Filet fin
UNC = United National Course thread
UNF = United National Fine thread
USS = Filet gros

PAS (PITCH) BOULONS S

PAS / PITCH = Distance entre les filets



GUIDE POUR PAS (PITCH) DE FILETS ET TÊTE HEXAGONE DE BOULONS S

DIAMÈTRE BOULON	PAS (PITCH) FILET RÉGULIER	PAS (PITCH) FILET FIN	PAS (PITCH) FILET EXTRA FIN	PAS (PITCH) FILET EXTRA FIN	INTERNATIONALE NORME TÊTE HEXAGONE / HEX. HEAD NORM.		
					DIN	I.S.O.	HEX. J.I.S.
3mm	.50				6 mm	-	-
4mm	.70				7mm	-	-
5mm	.80				8mm	-	-
6mm	1.00	.75			10mm	10mm	10mm
7mm	1.00				11mm	-	
8mm	1.25	1.00	.75		13mm	13mm	12mm
10mm	1.50	1.25	1.00		17mm	16mm	14mm
12mm	1.75	1.50	1.25		19mm	18mm	17mm
14mm	2.00	1.50	1.25		22mm	21mm	-
16mm	2.00	1.50	1.00		24mm	24mm	-
18mm	2.50	2.00	1.50		27mm	27mm	-
20mm	2.50	2.00	1.50	1.00	30mm	30mm	-
22mm	2.50	2.00	1.50		32mm	34mm	-
24mm	3.00	2.00	1.50	1.00	36mm	36mm	-

25-04-2023

VIS À TÊTE HEXAGONALE HEXAGONAL HEAD CAP SCREWS

Norme JIS. J1180
JAPANESE INDUSTRIAL STANDARD



**JIS
8.8**

DIMENSION			Clé	8.8	BTE
Dia.	Filet/ Pas	Long			
mm	Pitch			PLAQUÉ / PLATED	Box

8	1.25	12	12	24600	25
8	1.25	16	12	24601	25
8	1.25	20	12	24602	25
8	1.25	25	12	24603	25
8	1.25	30	12	24604	25
8	1.25	35	12	24605	25
8	1.25	40	12	24606	25
8	1.25	45	12	24607	25
8	1.25	50	12	24608	25
8	1.25	60	12	24609	25
8	1.25	70	12	24610	25
8	1.25	80	12	24610A	25
10	1.25	20	14	24611	25
10	1.25	25	14	24612	25
10	1.25	30	14	24613	25
10	1.25	35	14	24614	15
10	1.25	40	14	24615	15
10	1.25	45	14	24616	15
10	1.25	50	14	24617	15
10	1.25	100	14	29562E	10
12	1.25	20	17	29570	25
12	1.25	25	17	29572	25
12	1.25	30	17	29574	25
12	1.25	35	17	29576	25
12	1.25	40	17	29578	25
12	1.25	50	17	29580	25
12	1.25	60	17	29582	10
12	1.25	70	17	29584	10
12	1.25	80	17	29586	10

ÉCROUS HEXAGONAUX HEXAGON NUT

Norme JIS. J1180
JAPANESE INDUSTRIAL STANDARD



**JIS
8**

JIS - CLASSE 8 - RÉGULIER				
Dia.	Filet/Pas	Clé	NUMÉRO	BTE
8	1.25	12	24620	50
10	1.25	14	24621	50
12	1.25	17	29506	25

Boulons à tête hexagonale Hex cap screws

VIS À TÊTE HEXAGONALE À EMBASE HEXAGON FLANGE SCREWS

Norme JIS. J1189
JAPANESE INDUSTRIAL STANDARD



**JIS
10.9**

NOTE:
TOUS LES BOULONS JIS SONT IDENTIFIÉS DU
NOM DU FABRICANT POUR TRACABILITÉ

DIMENSION			Clé	10.9	BTE
Dia.	Filet/ Pas	Long		EMBASE / FLANGE	
mm	Pitch			PLAQUÉ / PLATED	Box

6	1.00	12	10	29508	50
6	1.00	16	10	29510	50
6	1.00	20	10	29512	50
6	1.00	25	10	29514	50
6	1.00	30	10	29516	50
6	1.00	35	10	29518	50
6	1.00	40	10	29520	50
6	1.00	45	10	29517	50
8	1.25	12	12	29522	25
8	1.25	16	12	29524	25
8	1.25	20	12	29526	25
8	1.25	25	12	29528	25
8	1.25	30	12	29530	25
8	1.25	35	12	29532	25
8	1.25	40	12	29534	25
8	1.25	45	12	29536	25
8	1.25	50	12	29538	25
8	1.25	60	12	29540	25
8	1.25	70	12	29542	25
10	1.25	16	14	29544	25
10	1.25	20	14	29546	25
10	1.25	25	14	29548	25
10	1.25	30	14	29550	25
10	1.25	35	14	29552	15
10	1.25	40	14	29554	15
10	1.25	45	14	29556	15
10	1.25	50	14	29558	15
10	1.25	60	14	29560	10
10	1.25	70	14	29562	10

ÉCROUS HEXAGONAUX À EMBASE HEXAGON FLANGE NUT - SERRATED

Norme JIS. J1189
JAPANESE INDUSTRIAL STANDARD



**JIS
10**

JIS - CLASSE 10 - RÉGULIER				
Dia.	Filet/Pas	Clé	NUMÉRO	BTE
6	1.00	10	29501	100
8	1.25	12	29502	50
10	1.25	14	29504	50

VIS À TÊTE HEXAGONALE À EMBASE
HEXAGON FLANGE SCREWS

Norme ANSI B18.2.3.1 M 1979

Boulon à tête hexagonale à embase
Hex bolt with flange



DIN
6921

DIMENSION						
Dia.	Filet/ Pas	Long	CLÉ	EMBASE FLANGE	EMBASE FLANGE	BTE
mm	Pitch			YELLOW	NOIR YELLOW	Box
6	1.00	10		-	24313YP	50
6	1.00	12		-	24314YP	50
6	1.00	16	10	-	24315YP	50
6	1.00	20	10	30820	24316 24316YP	50
6	1.00	25	10	30821	24317 24317YP	50
6	1.00	30	10	30822	24318 24318YP	50
6	1.00	35	10	-	24319YP	50
6	1.00	40	10	30824	24320 24320YP	50
6	1.00	45	10	-	24321YP	50
6	1.00	50	10	30826	24321 24321AYP	50
8	1.25	12		-	24323AYP	50
8	1.25	16	13	-	24323YP	50
8	1.25	20	13	30828	24324 24324YP	50
8	1.25	25	13	30830	24325 24325YP	50
8	1.25	30	13	30832	24326 24326YP	50
8	1.25	35	13	-	24327YP	50
8	1.25	40	13	30834	24328 24328YP	50
8	1.25	45	13	-	24329YP	50
8	1.25	50	13	30836	24330 24330YP	50
8	1.25	60	13	-	24331YP	25
8	1.25	70	13	-	24332YP	25
8	1.25	80		30837	24333YP	10
8	1.25	90		-	24333AYP	10
8	1.25	100		-	24333BYP	10
10	1.50	16	16	-	24334YP	50
10	1.50	20	16	30838	24335 24335YP	50
10	1.50	25	16	30840	24336 24336YP	50
10	1.50	30	16	30842	24337 24337YP	50
10	1.50	35	16	-	24338YP	50
10	1.50	40	16	30844	24339 24339YP	50
10	1.50	45	16	-	24340YP	50
10	1.50	50	16	30846	24341 24341YP	50
10	1.50	60	16	30848	24342 24342YP	25
10	1.50	70	16	30850	24344 24344YP	25
10	1.50	80	16	30849	24345YP	10
10	1.50	90	16	-	24346YP	10
10	1.50	100	16	30851	24347YP	10
12	1.75	20	18	-	24352YP	50
12	1.75	25	18	30852	24353 24353YP	50
12	1.75	30	18	30854	24354 24354YP	50
12	1.75	35	18	30856	24354A 24354AYP	50
12	1.75	40	18	30858	24355 24355YP	50
12	1.75	45	18	30860	24355A 24355AYP	50
12	1.75	50	18	30862	24356 24356YP	50
12	1.75	60	18	30864	24357 24357YP	25
12	1.75	70	18	30865	24358 24358YP	25

DIMENSION						
Dia.	Filet/ Pas	Long	CLÉ	EMBASE FLANGE	EMBASE FLANGE	BTE
mm	Pitch			YELLOW	NOIR YELLOW	Box
12	1.75	80	18	30866	24359 24359YP	10
12	1.75	90	18	30867	24360 24360YP	10
12	1.75	100	18	30869	24361YP	10
14	2.00	35		-	-	25
14	2.00	40		-	-	25
14	2.00	45		-	-	25
14	2.00	50		-	-	25
14	2.00	70		-	24385	25
14	2.00	80		-	24386	25
16	2.00	30	24	-	24374YP	25
16	2.00	35	24	30880	24374A 24374AYP	25
16	2.00	40	24	30882	24375 24375YP	25
16	2.00	45	24	30884	24375A 24375AYP	25
16	2.00	50	24	30886	24376 24376YP	25
16	2.00	60	24	30888	24377 24377YP	25
16	2.00	70	24	30890	24378 24378YP	25
16	2.00	80	24	-	24379 24379YP	25
16	2.00	90	24	-	-	
16	2.00	100	24	-	-	
20	2.50	40	30	30892	-	25
20	2.50	50	30	30894	-	25
20	2.50	60	30	30896	-	25
20	2.50	70	30	30898	-	25
20	2.50	80	30	30900	-	25
20	2.50	90	30	30902	-	25
20	2.50	100	30	30904	-	25
20	2.50	120	30	30906	-	25

ÉCROUS HEXAGONAUX À EMBASE
HEXAGON FLANGE NUT

Norme 6923



DIN
6923

DIMENSION mm	ÉCROUS HEXAGONE EMBASE / HEXAGON FLANGE NUTS				
			CLÉ	EMBASE	BTE
3 x 0.50	30908		5.5	---	100
4 x 0.70	30909		7	---	100
5 x 0.80	30910		8	11.8	100
6 x 1.00	30912	24431	10	14.2	100
8 x 1.25	30914	24432	13	17.9	50
10 x 1.50	30916	24433	15	21.8	50
12 x 1.75	30918	24434	18	26.0	25
14 x 2.00	30920	24434A	21	29.9	25
16 x 2.00	30922	24435	24	34.5	10
20 x 2.50	30924	24436	30	42.8	10

25-04-2023

VIS D'ASSEMBLAGE À TÊTE HEXAGONALE

HEXAGONAL HEAD CAP SCREWS

Norme ANSI B18.2.3.1 M 1979



8.8 REG

DIMENSION								
Dia.	Filet/ Pas	Long	CF	DIN 931 PARTIEL	DIN 933 COMPLET	DIN 931 PARTIEL	DIN 933 COMPLET	BTE
mm	Pitch			ZINC	ZINC	NOIR	NOIR	Box
3	0.50	6	6	-	20100P	-	20100N	100
3	0.50	8	6	-	20101P	-	-	100
3	0.50	10	6	-	20102P	-	20102N	100
3	0.50	12	6	-	20103P	-	-	100
3	0.50	14	6	-	20104P	-	-	100
3	0.50	16	6	-	20106P	-	-	100
3	0.50	20	6	-	20108P	-	-	100
3	0.50	22	6	-	-	-	-	100
3	0.50	25	6	-	20110P	-	-	100
4	0.70	6	7	-	20114P	-	-	100
4	0.70	8	7	-	20115P	-	-	100
4	0.70	10	7	-	20116P	-	20116N	100
4	0.70	12	7	-	20117P	-	20117N	100
4	0.70	16	7	-	20120P	-	20120N	100
4	0.70	20	7	-	20122P	-	20122N	100
4	0.70	25	7	20124P	20124CP	20124N	20124CN	100
4	0.70	30	7	20125P	20125CP	20125N	-	50
4	0.70	35	7	20126P	20126CP	20126N	-	50
4	0.70	40	7	20127P	20127CP	20127N	-	50
4	0.70	45	7	20128P	-	20128N	-	50
4	0.70	50	7	20129P	20129CP	20129N	-	50
4	0.70	60	7	20130P	-	20130N	-	50
5	0.80	8	8	-	20132P	-	20132N	100
5	0.80	10	8	-	20133P	-	20133N	100
5	0.80	12	8	-	20134P	-	20134N	100
5	0.80	14	8	-	20135P	-	-	100
5	0.80	16	8	-	20137P	-	20137N	100
5	0.80	20	8	-	20139P	-	20139N	100
5	0.80	22	8	-	20140P	-	-	100
5	0.80	25	8	20141P	20141CP	20141N	20141CN	100
5	0.80	30	8	20142P	20142CP	20142N	20142CN	50
5	0.80	35	8	20143P	20143CP	20143N	20143CN	50
5	0.80	40	8	20144P	20144CP	20144N	20144CN	50
5	0.80	45	8	20145P	-	20145N	-	50
5	0.80	50	8	20146P	20146CP	20146N	-	50
5	0.80	55	8	20147P	-	20147N	-	50

DIMENSION								
Dia.	Filet/ Pas	Long	CF	DIN 931 PARTIEL	DIN 933 COMPLET	DIN 931 PARTIEL	DIN 933 COMPLET	BTE
mm	Pitch			ZINC	ZINC	NOIR	NOIR	Box
5	0.80	60	8	20148P	-	20148N	-	50
5	0.80	65	8	20149P	-	20149N	-	50
5	0.80	70	8	20150P	-	-	-	50
5	0.80	80	8	20151P	-	-	-	50
6	1.00	8	10	-	20152P	-	20152N	100
6	1.00	10	10	-	20153P	-	20153N	100
6	1.00	12	10	-	20154P	-	20154N	100
6	1.00	14	10	-	20155P	-	20155N	100
6	1.00	16	10	-	20157P	-	20157N	100
6	1.00	18	10	-	20158P	-	20158N	100
6	1.00	20	10	-	20159P	-	20159N	100
6	1.00	22	10	-	20160P	-	20160N	100
6	1.00	25	10	-	20161P	-	20161N	100
6	1.00	30	10	20162P	20162CP	20162N	20162CN	100
6	1.00	35	10	20163P	20163CP	20163N	20163CN	100
6	1.00	40	10	20164P	20164CP	20164N	20164CN	100
6	1.00	45	10	20165P	20165CP	20165N	20165CN	50
6	1.00	50	10	20166P	20166CP	20166N	20166CN	50
6	1.00	55	10	20167P	20167CP	20167N	-	50
6	1.00	60	10	20168P	20168CP	20168N	20168CN	50
6	1.00	65	10	20169P	20169CP	20169N	-	50
6	1.00	70	10	20170P	20170CP	20170N	20170CN	50
6	1.00	75	10	20171P	20171CP	20171N	-	25
6	1.00	80	10	20172P	20172CP	20172N	20172CN	25
6	1.00	90	10	20173P	20173CP	20173N	20173CN	25
6	1.00	100	10	20174P	-	20174N	20174CN	25
6	1.00	110	10	20175P	-	20175N	-	25
6	1.00	120	10	20176P	-	20176N	-	10
6	1.00	130	10	-	-	61308PN	-	10
7	1.00	10	11	-	7108CP	-	-	50
7	1.00	12	11	-	20177P	-	-	50
7	1.00	16	11	-	20178P	-	20178N	50
7	1.00	20	11	-	20179P	-	20179N	50
7	1.00	25	11	-	20180P	-	20180N	50
7	1.00	30	11	20181P	20181CP	20181N	20181CN	50
7	1.00	35	11	20182P	20182CP	-	20182CN	50

8.8 REG



DIMENSION mm	ÉCROUS HEXAGONE HEXAGON NUTS			BLOCAGE NYLON NYLON LOCKNUTS		ÉCROUS CHANFREINÉS STOVER LOCKNUTS		RONDELLES PLATES REG. REG. FLAT WASHER			RONDELLES RESSORTS REG. REG. SPRING LOCK WASHERS		
	# PLAQUÉ	# NOIR	BTE	# PLAQUÉ	BTE	# PLAQUÉ	BTE	# PLAQUÉ	# NOIR	BTE	# PLAQUÉ	# NOIR	BTE
3 x 0.50	21002P	21002N	100	23159	100	-		21082P	21082N	100	21105P	21105N	100
4 x 0.70	21004P	21004N	100	23160	100	24409	100	21083P	21083N	100	21106P	21106N	100
5 x 0.80	21005P	21005N	100	23161	100	24410	100	21084P	21084N	100	21107P	21107N	100
6 x 1.00	21006P	21006N	100	23162	100	24411	100	21085P	21085N	100	21108P	21108N	100
7 x 1.00	21007P	21007N	100	23163	100	-	-	21086P	21086N	100	21109P	21109N	100

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VIS D'ASSEMBLAGE À TÊTE HEXAGONALE

HEXAGONAL HEAD CAP SCREWS

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DIMENSION								
Dia.	Filet/ Pas	Long	CE	DIN 931 PARTIEL	DIN 933 COMPLET	DIN 931 PARTIEL	DIN 933 COMPLET	BTE
mm	Pitch			ZINC	ZINC	NOIR	NOIR	Box
7	1.00	40	11	20183P	20183CP	20183N	20183CN	50
7	1.00	45	11	20184P	-	20184N	-	50
7	1.00	50	11	20185P	-	20185N	-	50
7	1.00	55		20186P	-	20186N	-	50
7	1.00	60	11	20187P	-	20187N	-	50
7	1.00	70	11	20188P	-	20188N	-	50
7	1.00	80	11	20189P	-		-	
8	1.25	10	13	-	20190P	-	20190N	50
8	1.25	12	13	-	20191P	-	20191N	50
8	1.25	14	13	-	20192P	-	20192N	50
8	1.25	16	13	-	20196P	-	20196N	50
8	1.25	18	13	-	20197P	-	20197N	50
8	1.25	20	13	-	20198P	-	20198N	50
8	1.25	22	13	-	20199P	-	20199N	50
8	1.25	25	13	-	20200P	-	20200N	50
8	1.25	30	13	20201P	20201CP	-	20201N	50
8	1.25	35	13	20202P	20202CP	20202N	20202CN	50
8	1.25	40	13	20203P	20203CP	20203N	20203CN	50
8	1.25	45	13	20204P	20204CP	20204N	20204CN	50
8	1.25	50	13	20205P	20205CP	20205N	20205CN	50
8	1.25	55	13	20206P	20206CP	20206N	20206CN	50
8	1.25	60	13	20207P	20207CP	20207N	20207CN	50
8	1.25	65	13	20208P	20208CP	20208N	20208CN	50
8	1.25	70	13	20209P	20209CP	20209N	20209CN	50
8	1.25	75	13	20210P	20210CP	20210N	20210CN	50
8	1.25	80	13	20211P	20211CP	20211N	20211CN	50
8	1.25	90	13	20213P	20213CP	20213N	20213CN	25
8	1.25	100	13	20214P	20214CP	20214N	20214CN	25
8	1.25	110	13	20215P	-	20215N	-	25
8	1.25	120	13	20216P	-	20216N	-	25
8	1.25	130	13	20217P	-	20217N	-	25
8	1.25	140	13	20218P	-	20218N	-	25
8	1.25	150	13	20219P	-	20219N	-	10
8	1.25	160	13	20220P	-	20220N	-	10
8	1.25	180	13	-	-	20221N	-	10
8	1.25	200	13	-	-	20222N	-	10

DIMENSION								
Dia.	Filet/ Pas	Long	CE	DIN 931 PARTIEL	DIN 933 COMPLET	DIN 931 PARTIEL	DIN 933 COMPLET	BTE
mm	Pitch			ZINC	ZINC	NOIR	NOIR	Box
10	1.50	12	17	-	20224P	-	20224N	50
10	1.50	14	17	-	20225P	-	20225N	50
10	1.50	16	17	-	20227P	-	20227N	50
10	1.50	20	17	-	20229P	-	20229N	50
10	1.50	22	17	-	20230P	-	-	50
10	1.50	25	17	-	20231P	-	20231N	50
10	1.50	30	17	-	20232P	-	20232N	50
10	1.50	35	17	-	20233P	-	20233CN	50
10	1.50	40	17	20234P	20234CP	20234N	20234CN	50
10	1.50	45	17	20235P	20235CP	20235N	20235CN	50
10	1.50	50	17	20236P	20236CP	20236N	20236CN	50
10	1.50	55	17	20237P	20237CP	20237N	20237CN	50
10	1.50	60	17	20238P	20238CP	20238N	20238CN	50
10	1.50	65	17	20239P	20239CP	20239N	20239CN	50
10	1.50	70	17	20240P	20240CP	20240N	20240CN	50
10	1.50	75	17	20241P	20241CP	20241N	20241CN	50
10	1.50	80	17	20242P	20242CP	20242N	20242CN	50
10	1.50	85	17	20243P	-	20243N	-	50
10	1.50	90	17	20244P	20244CP	20244N	20244CN	25
10	1.50	100	17	20245P	20245CP	20245N	20245CN	25
10	1.50	110	17	20246P	20246CP	20246N	-	25
10	1.50	120	17	20247P	20247CP	20247N	20247CN	25
10	1.50	130	17	20248P	-	20248N	-	25
10	1.50	140	17	20249P	-	20249N	-	25
10	1.50	150	17	20250P	-	20250N	20250CN	10
10	1.50	160	17	20260P	-	20260N	-	10
10	1.50	180	17	20261P	-	20261N	-	10
10	1.50	200	17	20262P	-	20262N	-	10
12	1.75	16	19	-	20264P	-	20264N	50
12	1.75	20	19	-	20266P	-	20266N	50
12	1.75	22	19	-	20267P	-	20267N	50
12	1.75	25	19	-	20268P	-	20268N	50
12	1.75	30	19	-	20269P	-	20269N	50
12	1.75	35	19	-	20270P	-	20270N	50
12	1.75	40	19	-	20271P	20271N	20271CN	50
12	1.75	45	19	20272P	20272CP	20272N	20272CN	50

8.8 REG



DIMENSION mm	ÉCROUS HEXAGONE HEXAGON NUTS			BLOCAGE NYLON NYLON LOCKNUTS		ÉCROUS CHANFREINÉS STOVER LOCKNUTS		RONDELLES PLATES REG. REG. FLAT WASHER			RONDELLES RESSORTS REG. REG. SPRING LOCK WASHERS		
	# PLAQUÉ	# NOIR	BTE	# PLAQUÉ	BTE	# PLAQUÉ	BTE	# PLAQUÉ	# NOIR	BTE	# PLAQUÉ	# NOIR	BTE
7 x 1.00	21007P	21007N	100	23163	100	-	100	21086P	21086N	100	21109P	21109N	100
8 x 1.25	21008P	21008N	50	23164	50	24412	50	21087P	21087N	100	21110P	21110N	100
10 x 1.50	21010P	21010N	50	23166	50	24413	50	21088P	21088N	100	21111P	21111N	100
12 x 1.75	21011P	21011N	25	23167	25	24414	25	21089P	21089N	100	21112P	21112N	100

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HEXAGONAL HEAD CAP SCREWS

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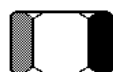


8.8 REG

DIMENSION								
Dia.	Filet/ Pas	Long	CE	DIN 931 PARTIEL	DIN 933 COMPLET	DIN 931 PARTIEL	DIN 933 COMPLET	BTE
mm	Pitch			ZINC	ZINC	NOIR	NOIR	Box
12	1.75	50	19	20273P	20273CP	20273N	20273CN	50
12	1.75	55	19	20274P	20274CP	20274N	20274CN	50
12	1.75	60	19	20275P	20275CP	20275N	20275CN	50
12	1.75	65	19	20276P	20276CP	20276N	20276CN	50
12	1.75	70	19	20277P	20277CP	20277N	20277CN	50
12	1.75	75	19	20278P	20278CP	20278N	20278CN	50
12	1.75	80	19	20279P	20279CP	20279N	20279CN	50
12	1.75	85	19	20280P	-	20280N	-	50
12	1.75	90	19	20281P	20281CP	20281N	20281CN	25
12	1.75	100	19	20282P	20282CP	20282N	20282CN	25
12	1.75	110	19	20283P	-	20283N	20283CN	25
12	1.75	120	19	20284P	20284CP	20284N	20284CN	25
12	1.75	130	19	20285P	-	20285N	-	25
12	1.75	140	19	20286P	-	20286N	20286CN	10
12	1.75	150	19	20287P	-	20287N	-	10
12	1.75	160	19	20288P	-	20288N	20288CN	10
12	1.75	180	19	20289P	-	20289N	-	10
12	1.75	200	19	20290P	-	20290N	-	10
14	2.00	20	22	-	20292P	-	20292N	25
14	2.00	25	22	-	20293P	-	20293N	25
14	2.00	30	22	-	20294P	-	20294N	25
14	2.00	35	22	-	20295P	-	20295N	25
14	2.00	40	22	-	20296P	-	20296N	25
14	2.00	45	22	-	20297P	-	20297N	25
14	2.00	50	22	20298P	20298CP	20298N	20298CN	25
14	2.00	55	22	20299P	20299CP	20299N	20299CN	25
14	2.00	60	22	20300P	20300CP	20300N	20300CN	25
14	2.00	65	22	20301P	-	20301N	-	25
14	2.00	70	22	20302P	20302CP	20302N	20302CN	25
14	2.00	75	22	20303P	-	20303N	-	25
14	2.00	80	22	20304P	20304CP	20304N	20304CN	25
14	2.00	90	22	20306P	-	20306N	-	25
14	2.00	100	22	20307P	20307CP	20307N	20307CN	25
14	2.00	110	22	20308P	-	20308N	-	25
14	2.00	120	22	20309P	-	20309N	-	25
14	2.00	130	22	20310P	-	20310N	-	25

DIMENSION								
Dia.	Filet/ Pas	Long	CE	DIN 931 PARTIEL	DIN 933 COMPLET	DIN 931 PARTIEL	DIN 933 COMPLET	BTE
mm	Pitch			ZINC	ZINC	NOIR	NOIR	Box
14	2.00	140	22	20311P	-	20311N	-	25
14	2.00	150	22	-	-	20312N	-	10
14	2.00	160	22	-	-	20313N	-	10
14	2.00	180	22	-	-	20314N	-	10
14	2.00	200	22	-	-	20316N	-	10
16	2.00	20	24	-	20322P	-	20322N	25
16	2.00	25	24	-	20323P	-	20323N	25
16	2.00	30	24	-	20324P	-	20324N	25
16	2.00	35	24	-	20325P	-	20325N	25
16	2.00	40	24	-	20326P	-	-	25
16	2.00	45	24	-	20327P	-	20327N	25
16	2.00	50	24	20328P	20328CP	20328N	20328CN	25
16	2.00	55	24	20329P	20329CP	20329N	20329CN	25
16	2.00	60	24	20330P	20330CP	20330N	20330CN	25
16	2.00	65	24	20331P	20331CP	20331N	20331CN	25
16	2.00	70	24	20332P	20332CP	20332N	20332CN	25
16	2.00	75	24	20333P	20333CP	20333N	20333CN	25
16	2.00	80	24	20334P	20334CP	20334N	20334CN	25
16	2.00	90	24	20336P	20336CP	20336N	20336CN	25
16	2.00	100	24	20337P	20337CP	20337N	20337CN	25
16	2.00	110	24	20338P	-	20338N	-	25
16	2.00	120	24	20339P	20339CP	20339N	20339CN	25
16	2.00	130	24	20340P	-	20340N	20340CN	25
16	2.00	140	24	20341P	-	20341N	-	25
16	2.00	150	24	20342P	-	20342N	20342CN	5
16	2.00	160	24	20343P	-	20343N	-	5
16	2.00	170	24	20344P	-	20344N	-	5
16	2.00	180	24	20345P	-	20345N	-	5
16	2.00	190	24	20346P	-	20346N	-	5
16	2.00	200	24	-	-	20347N	-	5
16	2.00	220	24	-	-	20348N	-	5
16	2.00	240	24	-	-	20349N	-	5
16	2.00	260	24	-	-	20350N	-	1
16	2.00	280	24	-	-	20351N	-	1
16	2.00	300	24	-	-	20352N	-	1
16	2.00	340	24	-	-	20354N	-	1

8.8 REG



DIMENSION mm	ÉCROUS HEXAGONE HEXAGON NUTS			BLOCAGE NYLON NYLON LOCKNUTS		ÉCROUS CHANFREINÉS STOVER LOCKNUTS		RONDELLES PLATES REG. REG. FLAT WASHER			RONDELLES RESSORTS REG. REG. SPRING LOCK WASHERS		
	# PLAQUÉ	# NOIR	BTE	# PLAQUÉ	BTE	# PLAQUÉ	BTE	# PLAQUÉ	# NOIR	BTE	# PLAQUÉ	# NOIR	BTE
12 x 1.75	21011P	21011N	25	23167	25	24414	25	21089P	21089N	100	21112P	21112N	100
14 x 2.00	21012P	21012N	25	23168	25	24415	25	21090P	21090N	100	21113P	21113N	100
16 x 2.00	21013P	21013N	10	23169	10	24416	10	21091P	21091N	50	21114P	21114N	50
18 x 2.50	21014P	21014N	10	23170	10	24417	10	21092P	21092N	50	21115P	21115N	50

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HEXAGONAL HEAD CAP SCREWS

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DIMENSION								
Dia.	Filet/ Pas	Long	HD	DIN 931 PARTIEL	DIN 933 COMPLET	DIN 931 PARTIEL	DIN 933 COMPLET	BTE
mm	Pitch			ZINC	ZINC	NOIR	NOIR	Box
16	2.00	360	24	-	-	163608PN	-	1
16	2.00	380	24	-	-	163808PN	-	1
16	2.00	400	24	-	-	164008PN	-	1
18	2.50	30	27	-	20355P	-	20355N	25
18	2.50	35	27	-	20356P	-	20356N	25
18	2.50	40	27	-	20357P	-	20357N	25
18	2.50	45	27	-	20358P	-	20358N	25
18	2.50	50	27	-	20359P	-	20359N	25
18	2.50	55	27	-	20360P	20360N	20360CN	25
18	2.50	60	27	20361P	20361CP	20361N	20361CN	25
18	2.50	65	27	20362P	-	20362N	-	25
18	2.50	70	27	20363P	20363CP	20363N	20363CN	25
18	2.50	75	27	20364P	-	20364N	-	25
18	2.50	80	27	20365P	20365CP	20365N	20365CN	25
18	2.50	90	27	20367P	20367CP	20367N	20367CN	25
18	2.50	100	27	20368P	-	20368N	20368CN	25
18	2.50	110	27	20369P	-	20369N	-	25
18	2.50	120	27	20370P	-	20370N	20370CN	25
18	2.50	130	27	20371P	-	20371N	-	25
18	2.50	140	27	20372P	-	20372N	-	25
18	2.50	150	27	-	-	20373N	-	10
18	2.50	160	27	20374P	-	20374N	-	10
18	2.50	180	27	-	-	20375N	-	10
18	2.50	200	27	-	-	20376N	-	10
20	2.50	30	30	-	20385P	-	20385N	25
20	2.50	35	30	-	20386P	-	20386N	25
20	2.50	40	30	-	20387P	-	20387N	25
20	2.50	45	30	-	20388P	-	20388N	25
20	2.50	50	30	-	20389P	-	20389N	25
20	2.50	55	30	-	20390P	-	20390N	25
20	2.50	60	30	-	20391P	20391N	20391CN	25
20	2.50	65	30	20392P	20392CP	20392N	20392CN	25
20	2.50	70	30	20393P	20393CP	20393N	20393CN	25
20	2.50	75	30	20394P	-	20394N	-	25
20	2.50	80	30	20395P	20395CP	20395N	20395CN	25
20	2.50	90	30	20397P	20397CP	20397N	20397CN	25
20	2.50	100	30	20398P	20398CP	20398N	20398CN	25

DIMENSION								
Dia.	Filet/ Pas	Long	HD	DIN 931 PARTIEL	DIN 933 COMPLET	DIN 931 PARTIEL	DIN 933 COMPLET	BTE
mm	Pitch			ZINC	ZINC	NOIR	NOIR	Box
20	2.50	110	30	20399P	-	20399N	-	25
20	2.50	120	30	20400P	-	20400N	20400CN	25
20	2.50	130	30	20401P	-	20401N	-	25
20	2.50	140	30	20402P	-	20402N	20402CN	25
20	2.50	150	30	20403P	-	20403N	-	10
20	2.50	160	30	20404P	-	20404N	20404CN	10
20	2.50	170	30	20405P	-	20405N	-	10
20	2.50	180	30	20406P	-	20406N	20406CN	10
20	2.50	200	30	20408P	-	20408N	20408CN	10
20	2.50	220	30	-	-	20409N	-	10
20	2.50	240	30	-	-	20410N	-	10
20	2.50	260	30	-	-	20412N	-	10
20	2.50	280	30	20413P	-	20413N	-	10
20	2.50	300	30	20414P	-	20414N	-	10
20	2.50	320	30	-	-	203208PN	-	1
20	2.50	340	30	-	-	203408PN	-	1
20	2.50	360	30	-	-	203608PN	-	1
20	2.50	380	30	-	-	203808PN	-	1
20	2.50	400	30	-	-	204008PN	-	1
22	2.50	40	32	-	20415P	-	20415N	10
22	2.50	45	32	-	20416P	-	20416N	10
22	2.50	50	32	-	20417P	-	20417N	10
22	2.50	55	32	-	20418P	-	20418N	10
22	2.50	60	32	-	20419P	-	20419N	10
22	2.50	65	32	-	20420CP	20420N	20420CN	10
22	2.50	70	32	20421P	20421CP	20421N	20421CN	10
22	2.50	75	32	-	-	20422N	-	10
22	2.50	80	32	20423P	20423CP	20423N	20423CN	10
22	2.50	90	32	-	-	20425N	-	10
22	2.50	100	32	20426P	-	20426N	20426CN	10
22	2.50	110	32	20427P	-	20427N	-	10
22	2.50	120	32	20428P	-	20428N	-	10
22	2.50	130	32	-	-	20429N	-	10
22	2.50	140	32	20430P	-	20430N	20430CN	10
22	2.50	150	32	-	-	20431N	-	1
22	2.50	160	32	-	-	20432N	-	1
22	2.50	180	32	-	-	20434N	-	1

8.8 REG



DIMENSION mm	ÉCROUS HEXAGONE HEXAGON NUTS			BLOCAGE NYLON NYLON LOCKNUTS		ÉCROUS CHANFREINÉS STOVER LOCKNUTS		RONDELLES PLATES REG. REG. FLAT WASHER			RONDELLES RESSORTS REG. REG. SPRING LOCK WASHERS		
	# PLAQUÉ	# NOIR	BTE	# PLAQUÉ	BTE	# PLAQUÉ	BTE	# PLAQUÉ	# NOIR	BTE	# PLAQUÉ	# NOIR	BTE
18 x 2.50	21014P	21014N	10	23170	10	24417	10	21092P	21092N	50	21115P	21115N	50
20 x 2.50	21015P	21015N	10	23171	10	24418	10	21093P	21093N	50	21116P	21116N	50
22 x 2.50	21016P	21016N	10	23172	10	24418A	10	21094P	21094N	25	21117P	21117N	25
24 x 3.00	21017P	21017N	5	23173	5	24419	5	21095P	21095N	25	21118P	21118N	25

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8.8 REG

DIMENSION								
Dia.	Filet/ Pas	Long	CE	DIN 931 PARTIEL	DIN 933 COMPLET	DIN 931 PARTIEL	DIN 933 COMPLET	BTE
mm	Pitch			ZINC	ZINC	NOIR	NOIR	Box
22	2.50	200	32	-	-	20435N	-	1
22	2.50	220	32	-	-	20436N	-	1
22	2.50	240	32	-	-	20437N	-	1
22	2.50	260	32	-	-	20439N	-	1
22	2.50	280	32	-	-	20440N	-	1
22	2.50	300	32	-	-	20441N	-	1
24	3.00	40	36	-	20442P	-	20442N	10
24	3.00	45	36	-	20443P	-	20443N	10
24	3.00	50	36	-	20444P	-	20444N	10
24	3.00	55	36	-	20445P	-	20445N	10
24	3.00	60	36	-	20446P	-	20446N	10
24	3.00	65	36	-	20447P	-	20447N	10
24	3.00	70	36	-	20448P	20448N	20448CN	10
24	3.00	75	36	-	20449P	20449N	20449CN	10
24	3.00	80	36	20450P	20450CP	20450N	20450CN	10
24	3.00	90	36	20452P	20452CP	20452N	20452CN	10
24	3.00	100	36	20453P	20453CP	20453N	20453CN	10
24	3.00	110	36	20454P	-	20454N	-	10
24	3.00	120	36	20455P	-	20455N	20455CN	10
24	3.00	130	36	20456P	-	20456N	-	10
24	3.00	140	36	20457P	-	20457N	20457CN	10
24	3.00	150	36	20458P	-	20458N	-	1
24	3.00	160	36	20459P	-	20459N	-	1
24	3.00	180	36	-	-	20461N	-	1
24	3.00	200	36	-	-	20462N	-	1
24	3.00	220	36	-	-	20463N	-	1
24	3.00	240	36	-	-	20464N	-	1
24	3.00	260	36	-	-	20466N	-	1
24	3.00	280	36	20467P	-	20467N	-	1
24	3.00	300	36	-	-	20468N	-	1
24	3.00	320	36	-	-	20467AN	-	1
24	3.00	340	36	-	-	20468AN	-	1
24	3.00	360	36	-	-	20468BN	-	1
24	3.00	380	36	-	-	20469N	-	1

DIMENSION								
Dia.	Filet/ Pas	Long	CE	DIN 931 PARTIEL	DIN 933 COMPLET	DIN 931 PARTIEL	DIN 933 COMPLET	BTE
mm	Pitch			ZINC	ZINC	NOIR	NOIR	Box
24	3.00	400	36	-	-	20470N	-	1
27	3.00	60	41	-	-	-	27608CN	1
27	3.00	70	41	-	-	-	27708CN	1
27	3.00	80	41	-	-	-	27808CN	1
27	3.00	90	41	-	-	27908PN	27908CN	1
27	3.00	100	41	-	-	271008PN	271008CN	1
27	3.00	110	41	-	-	271108PN	-	1
27	3.00	120	41	-	-	271208PN	-	1
27	3.00	140	41	-	-	271408PN	-	1
27	3.00	160	41	-	-	271608PN	-	1
27	3.00	200	41	-	-	272008PN	-	1
30	3.50	50	46	-	-	-	30508CN	1
30	3.50	60	46	-	20517CP	-	20517N	1
30	3.50	70	46	-	20519CP	-	20519N	1
30	3.50	75	46	-	-	-	20520N	1
30	3.50	80	46	-	20521CP	-	20521N	1
30	3.50	90	46	-	20522CP	20522N	20522CN	1
30	3.50	100	46	-	20523CP	20523N	20523CN	1
30	3.50	110	46	-	-	20524N	-	1
30	3.50	120	46	-	-	20525N	20525CN	1
30	3.50	130	46	-	-	20526N	-	1
30	3.50	140	46	-	-	20527N	-	1
30	3.50	150	46	-	-	20528N	-	1
30	3.50	160	46	20529P	-	20529N	-	1
30	3.50	170	46	-	-	20530N	-	1
30	3.50	180	46	-	-	20531N	-	1
30	3.50	200	46	-	-	20533N	-	1
30	3.50	220	46	20534P	-	20534N	-	1
30	3.50	240	46	-	-	20535N	-	1
30	3.50	260	46	-	-	20537N	-	1
30	3.50	280	46	-	-	20538N	-	1
30	3.50	300	46	-	-	20539N	-	1
30	3.50	320	46	-	-	303208PN	-	1
30	3.50	340	46	-	-	20540N	-	1

8.8 REG



DIMENSION mm	ÉCROUS HEXAGONE HEXAGON NUTS			BLOCAGE NYLON NYLON LOCKNUTS		ÉCROUS CHANFREINÉS STOVER LOCKNUTS		RONDELLES PLATES REG. REG. FLAT WASHER			RONDELLES RESSORTS REG. REG. SPRING LOCK WASHERS		
	# PLAQUÉ	# NOIR	BTE	# PLAQUÉ	BTE	# PLAQUÉ	BTE	# PLAQUÉ	# NOIR	BTE	# PLAQUÉ	# NOIR	BTE
24 x 3.00	21017P	21017N	5	23173	5	24419	5	21095P	21095N	25	21118P	21118N	25
27 x 3.00	21018P	21018N	5	23174	5	24420	5	21096P	21096N	25	21119P	21119N	25
30 x 3.50	21020P	21020N	5	23175	5	24421	5	21097P	21097N	10	211120P	21120N	10
33 x 3.50	21021P	21021N	1	23176	1	-	1	21098P	21098N	10	21121P	21121N	10
36 x 4.00	21022P	21022N	1	23177	1	24461	1	21099P	21099N	10	21122P	21122N	10
42 x 4.50	21024P	21024N	1	23179	1	-	-	21101P	21101N	5	21124P	21124N	5
48 x 5.00	21026P	21026N	1	23181	1	-	-	21103P	21103N	5	21126P	21126N	5

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DIMENSION								
Dia.	Filet/ Pas	Long	CTE	DIN 931 PARTIEL	DIN 933 COMPLET	DIN 931 PARTIEL	DIN 933 COMPLET	BTE
mm	Pitch			ZINC	ZINC	NOIR	NOIR	Box
30	3.50	360	46	-	-	303608PN		1
33	3.50	120	50	-	-	331208PN	-	1
33	3.50	140	50	-	-	331408PN	-	1
33	3.50	150	50	-	-	331508PN	-	1
33	3.50	160	50	-	-	331608PN	-	1
33	3.50	180	50	-	-	331808PN	-	1
36	4.00	60	55	-	-	-	36608CN	1
36	4.00	70	55	-	-	-	36708CN	1
36	4.00	80	55	-	-	-	36808CN	1
36	4.00	90	55	-	-	-	36908CN	1
36	4.00	100	55	-	-	-	361008CN	1
36	4.00	110	55	-	-	361108PN	-	1
36	4.00	120	55	-	-	361208PN	-	1
36	4.00	130	55	-	-	361308PN	-	1
36	4.00	140	55	-	-	361408PN	-	1
36	4.00	150	55	-	-	361508PN	361508CN	1
36	4.00	160	55	-	-	361608PN	361608CN	1
36	4.00	180	55	-	-	361808PN	-	1
36	4.00	200	55	-	-	362008PN	-	1
36	4.00	220	55	-	-	362208PN	-	1
36	4.00	240	55	-	-	362408PN	-	1
36	4.00	260	55	-	-	362608PN	-	1
36	4.00	280	55	-	-	362808PN	-	1

VIS D'ASSEMBLAGE À TÊTE HEXAGONALE

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DIMENSION								
Dia.	Filet/ Pas	Long	CTE	DIN 960 PARTIEL	DIN 961 COMPLET	DIN 960 PARTIEL	DIN 961 COMPLET	BTE
mm	Pitch			ZINC	ZINC	NOIR	NOIR	Box
8	1.00	12	13	-	-	-	20612N	50
8	1.00	16	13	-	20613P	-	20613N	50
8	1.00	20	13	-	20614P	-	20614N	50
8	1.00	25	13	-	20615P	-	20615N	50
8	1.00	30	13	-	20616P	-	20616N	50
8	1.00	35	13	20617P	20617CP	-	20617N	50
8	1.00	40	13	20618P	20618CP	20618N	20618CN	50
8	1.00	45	13	20619P	-	20619N	-	50
8	1.00	50	13	20620P	-	20620N	-	50
8	1.00	55	13	-	-	20621N	-	50
8	1.00	60	13	20622P	-	20622N	-	50
8	1.00	70	13	-	-	20624N	-	50
8	1.00	80	13	-	-	20626N	-	50
8	1.00	90	13	-	-	20627N	-	25
8	1.00	100	13	-	-	20628N	-	25



8.8 REG

DIMENSION								
Dia.	Filet/ Pas	Long	CTE	DIN 931 PARTIEL	DIN 933 COMPLET	DIN 931 PARTIEL	DIN 933 COMPLET	BTE
mm	Pitch			ZINC	ZINC	NOIR	NOIR	Box
36	4.00	300	55	-	-	363008PN	-	1
36	4.00	320	55	-	-	363208PN	-	1
36	4.00	340	55	-	-	363408PN	-	1
42	4.50	100	65	-	-	-	20594CN	1
42	4.50	120	65	-	-	-	20595CN	1
42	4.50	140	65	-	-	-	20586N	1
42	4.50	160	65	-	-	-	20588N	1
42	4.50	180	65	-	-	-	20589N	1
42	4.50	190	65	-	-	421908PN	-	1
42	4.50	200	65	-	-	-	20590N	1
48	5.00	100	75	-	-	-	481008CN	1
48	5.00	120	75	-	-	-	481208CN	1
48	5.00	140	75	-	-	-	481408CN	1
48	5.00	160	75	-	-	-	481608CN	1
48	5.00	180	75	-	-	-	481808CN	1
48	5.00	200	75	-	-	482008PN	482008CN	1
48	5.00	220	75	-	-	482208PN	-	1
48	5.00	240	75	-	-	482408PN	-	1
48	5.00	260	75	-	-	482608PN	-	1
48	5.00	280	75	-	-	482808PN	-	1
48	5.00	300	75	-	-	483008PN	-	1
48	5.00	340	75	-	-	483408PN	-	1
48	5.00	400	75	-	-	484008PN	-	1



8.8 FIN

DIMENSION								
Dia.	Filet/ Pas	Long	CTE	DIN 960 PARTIEL	DIN 961 COMPLET	DIN 960 PARTIEL	DIN 961 COMPLET	BTE
mm	Pitch			ZINC	ZINC	NOIR	NOIR	Box
8	1.00	120	13	-	-	20630N	-	25
10	1.25	16	17	-	20636P	-	20636N	50
10	1.25	20	17	-	20637P	-	20637N	50
10	1.25	25	17	-	20638P	-	20638N	50
10	1.25	30	17	-	20639P	-	20639N	50
10	1.25	35	17	-	20640P	-	20640N	50
10	1.25	40	17	-	20641CP	20641N	20641CN	50
10	1.25	45	17	20642P	20642CP	20642N	20642CN	50
10	1.25	50	17	20643P	20643CP	20643N	20643CN	50
10	1.25	55	17	-	-	20644N	-	50
10	1.25	60	17	20645P	-	20645N	20645CN	50
10	1.25	65	17	-	-	20646N	-	50
10	1.25	70	17	20647P	-	20647N	-	50
10	1.25	80	17	20649P	-	20649N	-	50
10	1.25	90	17	20650P	-	20650N	-	25

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8.8 **FIN**

DIMENSION								
Dia.	Filet/ Pas	Long	CfE	DIN 960 PARTIEL	DIN 961 COMPLET	DIN 960 PARTIEL	DIN 961 COMPLET	BTE
mm	Pitch			ZINC	ZINC	NOIR	NOIR	Box

10	1.25	100	17	-	-	20651N	-	25
10	1.25	110	17	20652P	-	20652N	-	25
10	1.25	120	17	-	-	20653N	-	25
10	1.25	130	17	-	-	20654N	-	25
10	1.25	140	17	-	-	20655N	-	25
10	1.25	150	17	-	-	20656N	-	10
10	1.25	160	17	-	-	20657N	-	10
10	1.25	180	17	-	-	20658N	-	10
10	1.00	20		-	-	-	21208N	25
10	1.00	25		-	21214P	-	21214N	25
10	1.00	30		-	21219P	-	21219N	25
10	1.00	35		-	21226P	-	21226N	25
10	1.00	40		-	21233P	21233N	21233CN	25
10	1.00	45		-	-	21241N	21241CN	25
10	1.00	50		21249P	-	21249N	-	25
10	1.00	60		-	-	21265N	-	25
10	1.00	70		-	-	21281N	-	25
10	1.00	80		-	-	21296N	-	25
10	1.00	100		-	-	21312N	-	10
12	1.50	20	19	-	20662P	-	20662N	50
12	1.50	25	19	-	20663P	-	20663N	50
12	1.50	30	19	-	20664P	-	20664N	50
12	1.50	35	19	-	20665P	-	20665N	50
12	1.50	40	19	-	20666P	-	20666N	50
12	1.50	45	19	20667P	-	20667N	20667CN	50
12	1.50	50	19	20668P	-	20668N	20668CN	50
12	1.50	55	19	-	-	20669N	-	50
12	1.50	60	19	-	-	20670N	20670CN	50
12	1.50	65	19	-	-	20671N	-	50
12	1.50	70	19	-	-	20672N	-	50
12	1.50	80	19	-	-	20674N	-	50
12	1.50	90	19	-	-	20675N	-	25
12	1.50	100	19	-	-	20676N	-	25
12	1.50	110	19	-	-	20677N	-	25
12	1.50	120	19	-	-	20678N	-	25
12	1.25	20	19	-	21209P	-	21209N	50
12	1.25	25	19	-	21215P	-	21215N	50
12	1.25	30	19	-	21220P	-	21220N	50
12	1.25	35	19	-	21227P	-	21227N	50
12	1.25	40	19	-	21234P	-	21234N	50
12	1.25	45	19	-	-	21242N	21242CN	50
12	1.25	50	19	21250P	-	21250N	21250CN	50
12	1.25	55	19	-	-	21258N	-	50
12	1.25	60	19	-	-	21266N	-	50
12	1.25	65	19	-	-	21274N	-	50
12	1.25	70	19	21282P	-	21282N	-	50
12	1.25	80	19	21297P	-	21297N	-	50

DIMENSION								
Dia.	Filet/ Pas	Long	CfE	DIN 960 PARTIEL	DIN 961 COMPLET	DIN 960 PARTIEL	DIN 961 COMPLET	BTE
mm	Pitch			ZINC	ZINC	NOIR	NOIR	Box

12	1.25	90	19	21305P	-	21305N	-	25
12	1.25	100	19	21313P	-	21313N	-	25
12	1.25	110	19	-	-	21321N	-	25
12	1.25	120	19	-	-	21329N	-	25
12	1.25	130	19	-	-	21337N	-	25
12	1.25	140	19	-	-	21345N	-	25
12	1.25	150	19	-	-	21353N	-	25
12	1.25	160	19	-	-	21360N	-	10
12	1.25	180	19	-	-	21367N	-	10
12	1.25	200	19	-	-	21374N	-	10
14	1.50	20	22	-	-	-	20686N	25
14	1.50	25	22	-	-	-	20687N	25
14	1.50	30	22	-	20688P	-	20688N	25
14	1.50	35	22	-	20689P	-	20689N	25
14	1.50	40	22	-	20690P	-	20690N	25
14	1.50	45	22	-	20691CP	20691N	20691CN	25
14	1.50	50	22	20692P	20692CP	20692N	20692CN	25
14	1.50	55	22	-	-	20693N	-	25
14	1.50	60	22	20694P	-	20694N	-	25
14	1.50	65	22	20695P	-	20695N	-	25
14	1.50	70	22	20696P	-	20696N	-	25
14	1.50	80	22	20698P	-	20698N	20698CN	25
14	1.50	90	22	-	-	20699N	-	25
14	1.50	100	22	-	-	20700N	-	25
14	1.50	110	22	-	-	20701N	-	25
14	1.50	120	22	-	-	20702N	-	25
14	1.50	140	22	-	-	20704N	-	25
14	1.50	160	22	-	-	20706N	-	10
16	1.50	20	24	-	-	-	20712N	25
16	1.50	25	24	-	-	-	20713N	25
16	1.50	30	24	-	20714P	-	20714N	25
16	1.50	35	24	-	20715P	-	20715N	25
16	1.50	40	24	-	20716P	-	20716N	25
16	1.50	45	24	-	20717P	-	20717N	25
16	1.50	50	24	-	20718P	20718N	20718CN	25
16	1.50	55	24	-	-	20719N	-	25
16	1.50	60	24	20720P	-	20720N	-	25
16	1.50	65	24	-	-	20721N	-	25
16	1.50	70	24	20722P	-	20722N	-	25
16	1.50	75	24	-	-	20723N	-	25
16	1.50	80	24	20724P	20724CP	20724N	20724CN	25
16	1.50	90	24	20725P	20725CP	20725N	-	25
16	1.50	100	24	20726P	-	20726N	-	25
16	1.50	110	24	-	-	20727N	-	25
16	1.50	120	24	-	-	20728N	-	25
16	1.50	130	24	-	-	20729N	-	25
16	1.50	140	24	-	-	20730N	-	25

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8.8 **FIN**

DIMENSION								
Dia.	Filet/ Pas	Long	CF	DIN 960 PARTIEL	DIN 961 COMPLET	DIN 960 PARTIEL	DIN 961 COMPLET	BTE
mm	Pitch			ZINC	ZINC	NOIR	NOIR	Box
16	1.50	160	24	-	-	20732N	-	10
16	1.50	180	24	-	-	20733N	-	10
16	1.50	200	24	-	-	20734N	-	10
18	1.50	30	27	-	-	-	21223N	25
18	1.50	35	27	-	-	-	21230N	25
18	1.50	40	27	-	21237P	-	21237N	25
18	1.50	45	27	-	-	-	21245N	25
18	1.50	50	27	-	21253P	-	21253N	25
18	1.50	55	27	-	-	-	21261N	25
18	1.50	60	27	-	21269P	21269N	21269CN	25
18	1.50	70	27	21285P	-	21285N	21285CN	25
18	1.50	80	27	-	-	21300N	-	25
18	1.50	90	27	21308P	-	21308N	-	25
18	1.50	100	27	-	-	21316N	-	25
18	1.50	110	27	21324P	-	21324N	-	25
18	1.50	120	27	-	-	21332N	-	25
20	2.00	50	30	-	-	-	20770N	25
20	2.00	60	30	-	-	-	20772N	25
20	2.00	70	30	-	-	-	20774N	25
20	2.00	80	30	-	-	-	20776N	25
20	2.00	100	30	-	-	-	20778N	25
20	1.50	35	30	-	-	-	21231N	25
20	1.50	40	30	-	21238P	-	21238N	25
20	1.50	45	30	-	-	-	21246N	25
20	1.50	50	30	-	21254P	-	21254N	25
20	1.50	55	30	-	-	-	21262N	25

DIMENSION								
Dia.	Filet/ Pas	Long	CF	DIN 960 PARTIEL	DIN 961 COMPLET	DIN 960 PARTIEL	DIN 961 COMPLET	BTE
mm	Pitch			ZINC	ZINC	NOIR	NOIR	Box
20	1.50	60	30	-	21270P	21270N	21270CN	25
20	1.50	70	30	21286P	-	21286N	21286CN	25
20	1.50	80	30	-	-	21301N	-	25
20	1.50	90	30	-	-	21309N	-	25
20	1.50	100	30	-	-	21317N	-	25
20	1.50	110	30	-	-	21325N	-	25
20	1.50	120	30	-	-	21333N	-	25
20	1.50	130	30	-	-	21341N	-	25
20	1.50	140	30	-	-	21349N	-	25
22	1.50	50	32	-	-	-	21255N	10
22	1.50	60	32	-	-	-	21271N	10
22	1.50	70	32	-	-	21287N	-	10
22	1.50	80	32	-	-	21302N	-	10
22	1.50	100	32	-	-	21318N	-	10
24	2.00	50	36	-	-	-	21375N	10
24	2.00	60	36	-	-	-	21377N	10
24	2.00	70	36	-	-	21380N	-	10
24	2.00	80	36	-	-	21382N	-	10
24	2.00	100	36	-	-	21384N	-	10
24	2.00	120	36	-	-	21386N	-	10
24	2.00	140	36	-	-	21388N	-	10
24	2.00	150	36	-	-	-	21389N	10
27	2.00	100	41	-	-	-	21390N	1
30	2.00	100	46	-	-	-	21392N	1
30	2.00	200	46	-	-	-	21394N	1
36	3.00	200	55	-	-	-	21396N	1

8.8 FIN



DIMENSION mm	ÉCROUS HEXAGONE HEXAGON NUTS			BLOCAGE NYLON NYLON LOCKNUTS		ÉCROUS CHANFREINÉS STOVER LOCKNUTS		RONDELLES PLATES REG. REG. FLAT WASHER			RONDELLES RESSORTS REG. REG. SPRING LOCK WASHERS		
	# PLAQUÉ	# NOIR	BTE	# PLAQUÉ	BTE	# PLAQUÉ	BTE	# PLAQUÉ	# NOIR	BTE	# PLAQUÉ	# NOIR	BTE
8 x 1.00	21050P	21050N	50	23183	50	30528	50	21087P	21087N	100	21110P	21110N	100
10 x 1.00	21053P	21053N	50	23200	50	30534	50	21088P	21088N	100	21111P	21111N	100
10 x 1.25	21054P	21054N	50	23184	50	30536	50	21088P	21088N	100	21111P	21111N	100
12 x 1.25	21057P	21057N	25	23185	25	30542	25	21089P	21089N	100	21112P	21112N	100
12 x 1.50	21058P	21058N	25	23199	25	30544	25	21089P	21089N	100	21112P	21112N	100
14 x 1.50	21061P	21061N	25	23186	25	30549	25	21090P	21090N	100	21113P	21113N	100
16 x 1.50	21063P	21063N	10	23187	10	30552	10	21091P	21091N	50	21114P	21114N	50
18 x 1.50	21064P	21064N	10	23188	10	30554	10	21092P	21092N	50	21115P	21115N	50
20 x 1.50	21067P	21067N	10	23189	10	30560	10	21093P	21093N	50	21116P	21116N	50
20 x 2.00	21068P	21068N	10	-	10	-	10	21093P	21093N	25	21116P	21116N	25
22 x 1.50	21069P	21069N	10	23210	10	-	10	21094P	21094N	25	21117P	21117N	25
24 x 2.00	21073P	21073N	5	23190	5	30572	5	21095P	21095N	25	21118P	21118N	25
27 x 2.00	21075P	21075N	5	23191	5	-	5	21096P	21096N	25	21119P	21119N	25
30 x 2.00	21077P	21077N	1	23192	1	-	1	21097P	21097N	10	211120P	21120N	10
36 x 3.00	21080P	21080N	1	23194	1	-	1	21099P	21099N	10	21122P	21122N	10

VIS D'ASSEMBLAGE À TÊTE HEXAGONALE

HEXAGONAL HEAD CAP SCREWS

Norme ANSI B18.2.3.1 M 1979



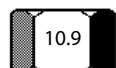
REG

DIMENSION							
Dia.	Filet/Pas	Long	CLE	DIN 931 PARTIEL	DIN 933 COMPLET	DIN 931 PARTIEL	BTE
mm	Pitch			NOIR	NOIR	JAUNE YELLOW	Box
6	1.00	10	10	-	31201	31201YP	100
6	1.00	12	10	-	31202	31202YP	100
6	1.00	16	10	-	31203	31203YP	100
6	1.00	18	10	-	-	-YP	100
6	1.00	20	10	-	31204	31204YP	100
6	1.00	25	10	-	31205	31205YP	100
6	1.00	30	10	29613	31206	29613YP	100
6	1.00	35	10	29614	-	29614YP	100
6	1.00	40	10	29615	29615CN	29615YP	100
6	1.00	45	10	29616	29616CN	29616YP	50
6	1.00	50	10	29618	31207	29618YP	50
6	1.00	55	10	29618A	-	29618AYP	50
6	1.00	60	10	29619	-	29619YP	50
6	1.00	65	10	31208	-	31208YP	50
6	1.00	70	10	29621	-	29621YP	50
6	1.00	75	10	31209	-	31209YP	25
6	1.00	80	10	29623	-	29623YP	25
6	1.00	90	10	31210A	-	31210AYP	25
6	1.00	100	10	29624	-	29624YP	25
8	1.25	10	13	-	31210	31210YP	50
8	1.25	12	13	-	31211	31211YP	50
8	1.25	16	13	-	31212	31212YP	50
8	1.25	20	13	-	31213	31213YP	50
8	1.25	25	13	-	31214	31214YP	50
8	1.25	30	13	-	31215	31215YP	50
8	1.25	35	13	29629	29633	29629YP	50
8	1.25	40	13	29630	29635	29630YP	50
8	1.25	45	13	29632	31216	29632YP	50
8	1.25	50	13	29631	31217	29631YP	50
8	1.25	55	13	29645	-	29645YP	50
8	1.25	60	13	29634	-	29634YP	50
8	1.25	65	13	29634A	31218	29634AYP	50
8	1.25	70	13	29636	-	29636YP	50
8	1.25	75	13	29636A	-	29636AYP	50
8	1.25	80	13	29637	-	29637YP	25

DIMENSION							
Dia.	Filet/Pas	Long	CLE	DIN 931 PARTIEL	DIN 933 COMPLET	DIN 931 PARTIEL	BTE
mm	Pitch			NOIR	NOIR	JAUNE YELLOW	Box
8	1.25	90	13	29638	-	29638YP	25
8	1.25	100	13	29639	-	29639YP	25
8	1.25	110	13	29641	-	29641YP	25
8	1.25	120	13	29643	-	29643YP	25
8	1.25	130	13	31219	-	31219YP	25
8	1.25	140	13	31220	-	31220YP	25
8	1.25	150	13	31221	-	31221YP	10
8	1.25	160	13	#	-	#YP	10
8	1.25	200	13	#	-	#YP	10
10	1.50	16	17	-	29640	29640YP	50
10	1.50	20	17	-	29642	29642YP	50
10	1.50	25	17	-	29644	29644YP	50
10	1.50	30	17	-	29646	29646YP	50
10	1.50	35	17	-	29648	29648YP	50
10	1.50	40	17	29650	29649	29650YP	50
10	1.50	45	17	29652	-	29652YP	50
10	1.50	50	17	29654	29653	29654YP	50
10	1.50	55	17	29655	-	29655YP	50
10	1.50	60	17	29656	29656CN	29656YP	50
10	1.50	65	17	29657	31222	29657YP	50
10	1.50	70	17	29658	31223	29658YP	50
10	1.50	75	17	29659	-	29659YP	50
10	1.50	80	17	29660	29660FTN	29660YP	25
10	1.50	90	17	29662	-	29662YP	25
10	1.50	100	17	29664	29664CN	29664YP	25
10	1.50	110	17	29664A	-	29664AYP	25
10	1.50	120	17	29663	-	29663YP	25
10	1.50	130	17	29664C	-	29664CYP	25
10	1.50	140	17	29665	-	29665YP	25
10	1.50	150	17	29661	-	29661YP	1
10	1.50	160	17	29667	-	29667YP	1
10	1.50	180	17	29669	-	29669YP	1
10	1.50	200	17	29671	-	29671YP	1
12	1.75	16	19	-	29673	29673YP	50
12	1.75	20	19	-	29666	29666YP	50
12	1.75	25	19	-	29668	29668YP	50

10.9

REG



DIMENSION mm	ÉCROUS HEXAGONE HEXAGON NUTS DIN934		BLOCAGE NYLON NYLON LOCKNUTS DIN985		ÉCROUS CHANFREINÉS STOVED LOCKNUTS EN V		RONDELLES PLATES REG. REG. FLAT WASHER			RONDELLES RESSORTS REG. REG. SPRING LOCK WASHERS		
	# NOIR	BTE	# PLAQUÉ	BTE	# PLAQUÉ	BTE	# PLAQUÉ	# NOIR	BTE	# PLAQUÉ	# NOIR	BTE
6 x 1.00	29940	100	30762	100	30500	100	21086P	21086N	100	21108P	21108N	100
8 x 1.25	29941	50	30763	50	30502	50	21087P	21087N	100	21110P	21110N	100
10 x 1.50	29942	50	30764	50	30538	50	21088P	21088N	100	21111P	21111N	100
12 x 1.75	29944	25	30765	25	30503	25	21089P	21089N	100	21112P	21112N	100

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BOULONS D'ASSEMBLAGE À TÊTE HEXAGONALE

HEX HEAD CAP SCREWS

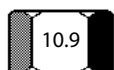
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DIMENSION							
Dia.	Filet/Pas	Long	CLE	DIN 931 PARTIEL	DIN 933 COMPLET	DIN 931 PARTIEL	BTE
mm	Pitch			NOIR	NOIR	JAUNE YELLOW	Box
12	1.75	30	19	-	29670	29670YP	50
12	1.75	35	19	-	29672	29672YP	50
12	1.75	40	19	-	29674	29674YP	50
12	1.75	45	19	29675	29676	29675YP	50
12	1.75	50	19	29677	29678	29677YP	50
12	1.75	55	19	29679	-	29679YP	50
12	1.75	60	19	29680	29680CN	29680YP	50
12	1.75	65	19	29682	-	29682YP	50
12	1.75	70	19	29684	29684CN	29684YP	50
12	1.75	75	19	29684B	29684BCN	29684BYP	50
12	1.75	80	19	29686	29686CN	29686YP	50
12	1.75	90	19	29688	-	29688YP	25
12	1.75	100	19	29690	29690CN	29690YP	25
12	1.75	110	19	29691	-	29691YP	25
12	1.75	120	19	29692	29692CN	29692YP	25
12	1.75	130	19	29681	-	29681YP	25
12	1.75	140	19	29693	-	29693YP	25
12	1.75	150	19	29683	29683CN	29683YP	25
12	1.75	160	19	29694	-	29694YP	1
12	1.75	180	19	29695	-	29695YP	1
12	1.75	200	19	29696	29696CN	29696YP	1
14	2.00	25	22	-	29822	29822YP	25
14	2.00	30	22	-	29824	29824YP	25
14	2.00	35	22	-	29826	29826YP	25
14	2.00	40	22	-	29828	29828YP	25
14	2.00	45	22	-	29830	29830YP	25
14	2.00	50	22	29836	29832	29836YP	25
14	2.00	55	22	29838	-	29838YP	25
14	2.00	60	22	29840	-	29840YP	25
14	2.00	65	22	29842	-	29842YP	25
14	2.00	70	22	29844	-	29844YP	25
14	2.00	75	22	29846	-	29846YP	25
14	2.00	80	22	29848	-	29848YP	25
14	2.00	90	22	29849	-	29849YP	25
14	2.00	100	22	29850	29850CN	29850YP	25
14	2.00	110	22	29852	-	29852YP	25

DIMENSION							
Dia.	Filet/Pas	Long	CLE	DIN 931 PARTIEL	DIN 933 COMPLET	DIN 931 PARTIEL	BTE
mm	Pitch			NOIR	NOIR	JAUNE YELLOW	Box
14	2.00	120	22	29854	-	29854YP	25
14	2.00	130	22	29856	-	29856YP	25
14	2.00	140	22	29858	-	29858YP	25
14	2.00	150	22	29860	-	29860YP	25
14	2.00	160	22	29861	-	29861YP	10
14	2.00	180	22	29862	-	29862YP	10
14	2.00	200	22	29863	29863CN	29863YP	10
16	2.00	25	24	-	29704CN	29704CYP	25
16	2.00	30	24	-	29718	29718YP	25
16	2.00	35	24	-	29705CN	29705CYP	25
16	2.00	40	24	-	29722	29722YP	25
16	2.00	45	24	-	29723	29723YP	25
16	2.00	50	24	-	29726	29726YP	25
16	2.00	55	24	29725	29725CN	29725YP	25
16	2.00	60	24	29730	29727	29730YP	25
16	2.00	65	24	29737	29728	29737YP	25
16	2.00	70	24	29732	29732CN	29732YP	25
16	2.00	75	24	29742	-	29742YP	25
16	2.00	80	24	29734	29734CN	29734YP	25
16	2.00	90	24	29736	-	29736YP	25
16	2.00	100	24	29738	29738CN	29738YP	25
16	2.00	110	24	29739	-	29739YP	25
16	2.00	120	24	29740	-	29740YP	25
16	2.00	130	24	29741	-	29741YP	25
16	2.00	140	24	29744	-	29744YP	25
16	2.00	150	24	29746	29746CN	29746YP	10
16	2.00	160	24	29748	-	29748YP	10
16	2.00	180	24	29747	-	29747YP	10
16	2.00	200	24	29743	29743CN	29743YP	10
16	2.00	220	24	29743BP	-	29685YP	10
16	2.00	240	24	29687	-	29687YP	10
16	2.00	260	24	29689	-	29689YP	10
16	2.00	280	24	29697	-	29697YP	10
16	2.00	300	24	29698	-	29698YP	10
18	2.50	30	27	-	29700CN	29700CYP	25
18	2.50	35	27	-	29701CN	29701CYP	25

10.9
REG



DIMENSION mm	ÉCROUS HEXAGONE HEXAGON NUTS DIN934		BLOCAGE NYLON NYLON LOCKNUTS DIN985		ÉCROUS CHANFREINÉS STOVER LOCKNUTS ENV		RONDELLES PLATES REG. REG. FLAT WASHER			RONDELLES RESSORTS REG. REG. SPRING LOCK WASHERS		
	# NOIR	BTE	# PLAQUÉ	BTE	# PLAQUÉ	BTE	# PLAQUÉ	# NOIR	BTE	# PLAQUÉ	# NOIR	BTE
12 x 1.75	29944	25	30765	25	30503	25	21089P	21089N	100	21112P	21112N	100
14 x 2.00	29945	25	30765A	25	30504	25	21090P	21090N	50	21113P	21113N	50
16 x 2.00	29946	10	30766	10	30505	10	21091P	21091N	50	21114P	21114N	50
18 x 2.50	29947	10	30766A	10	30509	10	21092P	21092N	50	21115P	21115N	25

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VIS D'ASSEMBLAGE À TÊTE HEXAGONALE

HEXAGONAL HEAD CAP SCREWS

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REG

DIMENSION							
Dia.	Filet/Pas	Long	CLE	DIN 931 PARTIEL	DIN 933 COMPLET	DIN 931 PARTIEL	BTE
mm	Pitch			NOIR	NOIR	JAUNE YELLOW	Box
18	2.50	40	27	-	29729	29729YP	25
18	2.50	45	27	-	29702CN	29702CYP	25
18	2.50	50	27	-	29731	29731YP	25
18	2.50	55	27	29703	-	29703YP	25
18	2.50	60	27	29745	29745CN	29745YP	25
18	2.50	65	27	29707	-	29707YP	25
18	2.50	70	27	29751	-	29751YP	25
18	2.50	80	27	29753	-	29753YP	25
18	2.50	90	27	29781	-	29781YP	25
18	2.50	100	27	29782	-	29782YP	25
18	2.50	110	27	29708	-	29708YP	25
18	2.50	120	27	29709	-	29709YP	25
18	2.50	130	27	29710	-	29710YP	25
18	2.50	140	27	29711	-	29711YP	25
18	2.50	160	27	29712	-	29712YP	10
18	2.50	180	27	29713	-	29713YP	10
18	2.50	200	27	29714	29714CN	29714YP	10
20	2.50	30	30	-	29733	29733YP	25
20	2.50	35	30	-	29735	29735YP	25
20	2.50	40	30	-	29750	29750YP	25
20	2.50	45	30	-	29752	29752YP	25
20	2.50	50	30	-	29754	29754YP	25
20	2.50	55	30	-	29755	29755YP	25
20	2.50	60	30	29756	29756CN	29756YP	25
20	2.50	65	30	29715	-	29715YP	25
20	2.50	70	30	29758	29758CN	29758YP	25
20	2.50	75	30	29716	-	29716YP	25
20	2.50	80	30	29760	29760CN	29760YP	25
20	2.50	90	30	29762	-	29762YP	25
20	2.50	100	30	29764	29764CN	29764YP	25
20	2.50	110	30	29765	-	29765YP	25
20	2.50	120	30	29766	29766CN	29766YP	25
20	2.50	130	30	29767	-	29767YP	25
20	2.50	140	30	29768	-	29768YP	25
20	2.50	150	30	29769	-	29769YP	25
20	2.50	160	30	29770	-	29770YP	10

DIMENSION							
Dia.	Filet/Pas	Long	CLE	DIN 931 PARTIEL	DIN 933 COMPLET	DIN 931 PARTIEL	BTE
mm	Pitch			NOIR	NOIR	JAUNE YELLOW	Box
20	2.50	180	30	29783	-	29783YP	10
20	2.50	200	30	29784	29784CN	29784YP	10
20	2.50	220	30	29717	-	29717YP	10
20	2.50	230	30	29719	-	29719YP	10
20	2.50	240	30	29720	-	29720YP	10
20	2.50	260	30	29865	-	29865YP	10
20	2.50	280	30	29866	-	29866YP	10
20	2.50	300	30	29867	29867CN	29867YP	10
20	2.50	320	30	29868	-	29868YP	1
20	2.50	340	30	29869	-	29869YP	1
20	2.50	360	30	29870	-	29870YP	1
20	2.50	380	30	29871	-	29871YP	1
20	2.50	400	30	29872	-	29872YP	1
22	2.50	40	32	-	29873CN	29873CYP	10
22	2.50	50	32	-	29874CN	29874CYP	10
22	2.50	60	32	-	29761	29761YP	10
22	2.50	70	32	29763	29763CN	29763YP	10
22	2.50	75	32	29875	-	29875YP	10
22	2.50	80	32	29785	29771	29785YP	10
22	2.50	90	32	29786	-	29786YP	10
22	2.50	100	32	29787	-	29787YP	10
22	2.50	110	32	29788	-	29788YP	10
22	2.50	120	32	29876	-	29876YP	10
22	2.50	130	32	29877	-	29877YP	10
22	2.50	140	32	29789	-	29789YP	10
22	2.50	160	32	29878	-	29878YP	1
22	2.50	180	32	29879	-	29879YP	1
22	2.50	200	32	29880	-	29880YP	1
22	2.50	220	32	29881	-	29881YP	1
22	2.50	240	32	29882	-	29882YP	1
22	2.50	260	32	29883	-	29883YP	1
24	3.00	40	36	-	29772	29772YP	10
24	3.00	50	36	-	29773	29773YP	10
24	3.00	55	36	-	29884	29884YP	10
24	3.00	60	36	29790	29774	29790YP	10
24	3.00	65	36	29791	29791CN	29791YP	10

10.9

REG



DIMENSION mm	ÉCROUS HEXAGONE HEXAGON NUTS DIN934		BLOCAGE NYLON NYLON LOCKNUTS DIN985		ÉCROUS CHANFREINÉS STOVER LOCKNUTS ENV		RONDELLES PLATES REG. REG. FLAT WASHER			RONDELLES RESSORTS REG. REG. SPRING LOCK WASHERS		
	# NOIR	BTE	# PLAQUÉ	BTE	# PLAQUÉ	BTE	# PLAQUÉ	# NOIR	BTE	# PLAQUÉ	# NOIR	BTE
18 x 2.50	29947	10	30766A	10	30509	10	21092P	21092N	50	21115P	21115N	25
20 x 2.50	32108	10	30767	10	30506	10	21093P	21093N	25	21116P	21116N	25
22 x 2.50	29948	10	30767A	10	30564	10	21094P	21094N	25	21117P	21117N	25
24 x 3.00	29949	5	30768	5	30507	5	21095P	21095N	25	21118P	21118N	25

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HEXAGONAL HEAD CAP SCREWS

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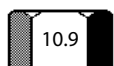
REG

DIMENSION							
Dia.	Filet/Pas	Long	CLE	DIN 931 PARTIEL	DIN 933 COMPLET	DIN 931 PARTIEL	BTE
mm	Pitch			NOIR	NOIR	JAUNE YELLOW	Box
24	3.00	70	36	29775	29775CN	29775YP	10
24	3.00	75	36	29886	-	29886YP	10
24	3.00	80	36	29792	29792CN	29792YP	10
24	3.00	85	36	29793	-	29793YP	10
24	3.00	90	36	29794	29794CN	29794YP	10
24	3.00	95	36	29795	-	29795YP	10
24	3.00	100	36	29796	29796CN	29796YP	10
24	3.00	110	36	29797	-	29797YP	10
24	3.00	120	36	29798	29798CN	29798YP	10
24	3.00	130	36	29799	-	29799YP	10
24	3.00	140	36	29888	-	29888YP	10
24	3.00	150	36	29800	29800CN	29800YP	1
24	3.00	160	36	29801	-	29801YP	1
24	3.00	170	36	-	-	-YP	1
24	3.00	180	36	29802	-	29802YP	1
24	3.00	190	36	-	-	-YP	1
24	3.00	200	36	29803	29803CN	29803YP	1
24	3.00	210	36	-	-	-YP	1
24	3.00	220	36	29889	-	29889YP	1
24	3.00	240	36	29804	-	29804YP	1
24	3.00	250	36	-	-	-YP	1
24	3.00	260	36	29890	-	29890YP	1
24	3.00	280	36	29891	-	29891YP	1
24	3.00	300	36	29892	29892CN	29892YP	1
24	3.00	320	36	29893	-	29893YP	1
24	3.00	340	36	29894	-	29894YP	1
24	3.00	360	36	29895	-	29895YP	1
24	3.00	380	36	29896	-	29896YP	1
24	3.00	400	36	29897	-	29897YP	1
27	3.00	60	41	-	29898CN	29898CYP	1
27	3.00	70	41	-	29899CN	29899CYP	1
27	3.00	80	41	-	29900CN	29900CYP	1
27	3.00	90	41	-	29901CN	29901CYP	1
27	3.00	100	41	29902	-	29902YP	1
27	3.00	120	41	29903	-	29903YP	1
27	3.00	140	41	29904	-	29904YP	1

DIMENSION							
Dia.	Filet/Pas	Long	CLE	DIN 931 PARTIEL	DIN 933 COMPLET	DIN 931 PARTIEL	BTE
mm	Pitch			NOIR	NOIR	JAUNE YELLOW	Box
27	3.00	150	41	29905	-	29905YP	1
27	3.00	160	41	29906	-	29906YP	1
27	3.00	180	41	29907	-	29907YP	1
27	3.00	200	41	29908	29908CN	29908YP	1
27	3.00	220	41	29909	-	29909YP	1
27	3.00	260	41	29910	-	29910YP	1
27	3.00	280	41	29911	-	29911YP	1
30	3.50	50	46	-	29912CN	29912CYP	1
30	3.50	60	46	-	29913CN	29913CYP	1
30	3.50	70	46	-	29776	29776YP	1
30	3.50	80	46	-	29777	29777YP	1
30	3.50	90	46	-	29778	29778YP	1
30	3.50	100	46	29805	29805CN	29805YP	1
30	3.50	110	46	29806	-	29806YP	1
30	3.50	120	46	29807	29807CN	29807YP	1
30	3.50	130	46	29808	-	29808YP	1
30	3.50	140	46	29810	29810CN	29810YP	1
30	3.50	150	46	29813	-	29813YP	1
30	3.50	160	46	29814	-	29814YP	1
30	3.50	180	46	29815	-	29815YP	1
30	3.50	200	46	29816	29816CN	29816YP	1
30	3.50	220	46	29914	-	29914YP	1
30	3.50	240	46	29915	29915CN	29915YP	1
30	3.50	260	46	29916	-	29916YP	1
30	3.50	280	46	29917	-	29917YP	1
30	3.50	300	46	29918	29918CN	29918YP	1
30	3.50	320	46	29919	-	29919YP	1
30	3.50	340	46	29920	-	29920YP	1
30	3.50	360	46	29921	-	29921YP	1
30	3.50	380	46	29922	-	29922YP	1
30	3.50	400	46	29923	-	29923YP	1
33	3.50	60	50	-	29924CN	29924CYP	1
33	3.50	80	50	-	29925CN	29925CYP	1
33	3.50	100	50	-	29818	29818YP	1
33	3.50	120	50	-	29819	29819YP	1
33	3.50	140	50	29926	-	29926YP	1

10.9

REG



DIMENSION mm	ÉCROUS HEXAGONE HEXAGON NUTS DIN934		BLOCAGE NYLON NYLON LOCKNUTS DIN985		ÉCROUS CHANFREINÉS STOYER LOCKNUTS ENV		RONDELLES PLATES REG. REG. FLAT WASHER			RONDELLES RESSORTS REG. REG. SPRING LOCK WASHERS		
	# NOIR	BTE	# PLAQUÉ	BTE	# PLAQUÉ	BTE	# PLAQUÉ	# NOIR	BTE	# PLAQUÉ	# NOIR	BTE
24 x 3.00	29949	5	30768	5	30507	5	21095P	21095N	25	21118P	21118N	25
27 x 3.00	32112	5	-	5	-	5	21096P	21096N	25	21119P	21119N	25
30 x 3.50	29950	5	30769	5	30508	5	21097P	21097N	5	211120P	21120N	5
33 x 3.50	29951	1	-	1	-	1	21098P	21098N	5	21121P	21121N	5

VIS D'ASSEMBLAGE À TÊTE HEXAGONALE

HEXAGONAL HEAD CAP SCREWS

Norme ANSI B18.2.3.1 M 1979



REG

DIMENSION							
Dia.	Filet/Pas	Long	CLE	DIN 931 PARTIEL	DIN 933 COMPLET	DIN 931 PARTIEL	BTE
mm	Pitch			NOIR	NOIR	JAUNE YELLOW	Box
33	3.50	160	50	29927	-	29927YP	1
33	3.50	180	50	29928	-	29928YP	1
33	3.50	200	50	29929	29929CN	29929YP	1
33	3.50	220	50	29930	-	29930YP	1
33	3.50	240	50	29931	-	29931YP	1
33	3.50	260	50	29932	-	29932YP	1
33	3.50	280	50	29933	-	29933YP	1
33	3.50	300	50	29934	-	29934YP	1
36	4.00	60	55	-	29935CN	29935CYP	1
36	4.00	70	55	-	29936CN	29936CYP	1
36	4.00	80	55	-	29937CN	29937CYP	1
36	4.00	90	55	-	29938CN	29938CYP	1
36	4.00	100	55	-	29779	29779YP	1
36	4.00	110	55	29970	29970CN	29970YP	1
36	4.00	120	55	29780	29780CN	29780YP	1
36	4.00	130	55	29972	-	29972YP	1
36	4.00	140	55	29820	-	29820YP	1
36	4.00	150	55	29973	-	29973YP	1
36	4.00	160	55	29821	-	29821YP	1
36	4.00	180	55	29724	-	29724YP	1
36	4.00	200	55	29823	29823CN	29823YP	1
36	4.00	220	55	29975	-	29975YP	1
36	4.00	240	55	29976	-	29976YP	1
36	4.00	260	55	29977	-	29977YP	1
36	4.00	280	55	29978	-	29978YP	1
36	4.00	300	55	29979	29979CN	29979YP	1
36	4.00	320	55	29980	-	29980YP	1
36	4.00	340	55	29981	-	29981YP	1
36	4.00	350	55	29825	-	29825YP	1
36	4.00	360	55	29982	-	29982YP	1
36	4.00	370	55	29721	-	29721YP	1
36	4.00	380	55	29983	-	29983YP	1
36	4.00	400	55	29984	-	29984YP	1
36	4.00	420	55	29985	-	-	1
36	4.00	440	55	29986	-	29986YP	1

DIMENSION							
Dia.	Filet/Pas	Long	CLE	DIN 931 PARTIEL	DIN 933 COMPLET	DIN 931 PARTIEL	BTE
mm	Pitch			NOIR	NOIR	JAUNE YELLOW	Box
36	4.00	460	55	29987	-	29987YP	1
36	4.00	480	55	29988	-	29988YP	1
36	4.00	500	55	29989	-	29989YP	1
36	4.00	580	55	29827	-	29827YP	1
42	4.50	120	65	-	29990CN	29990CYP	1
42	4.50	140	65	-	29991CN	29991CYP	1
42	4.50	160	65	29992	-	29992YP	1
42	4.50	180	65	29993	-	29993YP	1
42	4.50	200	65	29994	-	29994YP	1
42	4.50	220	65	29995	-	29995YP	1
42	4.50	240	65	29996	-	29996YP	1
42	4.50	260	65	29997	-	29997YP	1
42	4.50	280	65	29998	-	29998YP	1
42	4.50	300	65	29999	29999CN	29999YP	1
42	4.50	320	65	30001	-	30001YP	1
42	4.50	340	65	30002	-	30002YP	1
42	4.50	360	65	30003	-	30003YP	1
42	4.50	380	65	30004	-	30004YP	1
42	4.50	400	65	30005	-	30005YP	1
48	5.00	100	75	-	30006CN	30006CYP	1
48	5.00	140	75	-	30007CN	30007CYP	1
48	5.00	160	75	-	30008CN	30008CYP	1
48	5.00	180	75	-	30009CN	30009CYP	1
48	5.00	200	75	30010	-	30010YP	1
48	5.00	240	75	30011	-	30011YP	1
48	5.00	280	75	30012	-		1
48	5.00	300	75	30013	30013CN		1
48	5.00	340	75	30014	-		1
48	5.00	360	75	30015	-		1
48	5.00	380	75	30016	-		1

10.9

REG



DIMENSION mm	ÉCROUS HEXAGONE HEXAGON NUTS DIN934		BLOCAGE NYLON NYLON LOCKNUTS DIN985		ÉCROUS CHANFREINÉS STOVER LOCKNUTS EN V		RONDELLES PLATES REG. REG. FLAT WASHER			RONDELLES RESSORTS REG. REG. SPRING LOCK WASHERS		
	# NOIR	BTE	# PLAQUÉ	BTE	# PLAQUÉ	BTE	# PLAQUÉ	# NOIR	BTE	# PLAQUÉ	# NOIR	BTE
33 x 3.50	29951	1	-	1	-	1	21098P	21098N	5	21121P	21121N	5
36 x 4.00	29953	1	30770	1	-		21099P	21099N	5	21122P	21122N	5
42 x 4.50	32118	1	-	1	-		21101P	21101N	5	21124P	21124N	5
48 x 5.00	32120	1	30771	1	-		21103P	21103N	5	21126P	21126N	5

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VIS D'ASSEMBLAGE À TÊTE HEXAGONALE

HEXAGONAL HEAD CAP SCREWS

Norme ANSI B18.2.3.1 M 1979



FIN

DIMENSION						
Dia.	Filet/Pas	Long	CLE	DIN 960 PARTIEL	DIN 961 COMPLET	BTE
mm	Pitch			NOIR	NOIR	Box
8	1.00	20	13	-	33024CN	1050
8	1.00	25	13	-	33300CN	50
8	1.00	30	13	-	33301CN	50
8	1.00	35	13	-	33302CN	50
8	1.00	40	13	-	33303CN	50
8	1.00	45	13	33304N	-	50
8	1.00	50	13	33305N	-	50
8	1.00	60	13	33306N	-	50
8	1.00	70	13	33307N	-	50
8	1.00	80	13	33308N	-	50
10	1.25	20	17	-	33310CN	50
10	1.25	25	17	-	33311CN	50
10	1.25	30	17	-	33312CN	50
10	1.25	35	17	-	33313CN	50
10	1.25	40	17	-	33314CN	50
10	1.25	45	17	33315N	-	50
10	1.25	50	17	33316N	-	50
10	1.25	60	17	33317N	-	50
10	1.25	70	17	33318N	-	50
10	1.25	80	17	33319N	33319CN	50
10	1.25	90	17	33320N	-	25
10	1.25	100	17	33321N	-	25
10	1.25	120	17	33322N	-	25
10	1.25	140	17	33323N	-	25
10	1.00	20	17	-	33330CN	50
10	1.00	25	17	-	33331CN	50
10	1.00	30	17	-	33332CN	50
10	1.00	35	17	-	33333CN	50
10	1.00	40	17	-	33334CN	50
10	1.00	50	17	33335N	-	50
10	1.00	60	17	33336N	-	50
10	1.00	70	17	33337N	-	50
10	1.00	80	17	33338N	-	50
10	1.00	100	17	33339N	-	25
12	1.50	20	19	-	33340CN	50

DIMENSION						
Dia.	Filet/Pas	Long	CLE	DIN 960 PARTIEL	DIN 961 COMPLET	BTE
mm	Pitch			NOIR	NOIR	Box
12	1.50	25	19	-	33341CN	50
12	1.50	30	19	-	33342CN	50
12	1.50	35	19	-	33343CN	50
12	1.50	40	19	-	33344CN	50
12	1.50	50	19	33345N	-	50
12	1.50	60	19	33346N	33346CN	50
12	1.50	70	19	33347N	-	50
12	1.50	80	19	33348N	-	50
12	1.50	100	19	33349N	-	25
12	1.50	140	19	33350N	-	25
12	1.25	20	19	-	33100CN	50
12	1.25	25	19	-	33102CN	50
12	1.25	30	19	-	33104CN	50
12	1.25	35	19	-	33106CN	50
12	1.25	40	19	-	33108CN	50
12	1.25	45	19	33109N	33109CN	50
12	1.25	50	19	33110N	-	50
12	1.25	60	19	33112N	-	50
12	1.25	65	19	33113N	-	50
12	1.25	70	19	33114N	-	50
12	1.25	80	19	33116N	33116CN	50
12	1.25	90	19	33118N	-	25
12	1.25	100	19	33120N	-	25
12	1.25	110	19	33121N	-	25
12	1.25	120	19	33122N	-	25
12	1.25	140	19	33124N	-	25
14	1.50	25	22	-	33355CN	25
14	1.50	30	22	-	33356CN	25
14	1.50	35	22	-	33138CN	25
14	1.50	40	22	-	33357CN	25
14	1.50	50	22	33358N	33358CN	25
14	1.50	60	22	33359N	-	25
14	1.50	70	22	33152N	-	25
14	1.50	80	22	33360N	33360CN	25
14	1.50	90	22	33362N	-	25

10.9

FIN



DIMENSION mm	ÉCROUS HEXAGONE HEXAGON NUTS DIN934		BLOCAGE NYLON NYLON LOCKNUTS DIN985		ÉCROUS CHANFREINÉS STOWER LOCKNUTS EN V		RONDELLES PLATES REG. REG. FLAT WASHER			RONDELLES RESSORTS REG. REG. SPRING LOCK WASHERS		
	# NOIR	BTE	# PLAQUÉ	BTE	# PLAQUÉ	BTE	# PLAQUÉ	# NOIR	BTE	# PLAQUÉ	# NOIR	BTE
8 x 1.00	29954	50	-	50	30520	50	21087P	21087N	100	21110P	21110N	100
10 x 1.25	29956	50	30780	50	30521	50	21088P	21088N	100	21111P	21111N	100
10 x 1.00	29955	50	-	50	-	50	21088P	21088N	100	21111P	21111N	100
12 x 1.50	29957	25	-	25	30523	25	21089P	21089N	100	21112P	21112N	100
12 x 1.25	29959	25	30781	25	30522	25	21089P	21089N	100	21112P	21112N	100
14 x 1.50	29960	25	30782	25	30524	25	21090P	21090N	100	21113P	21113N	100

VIS D'ASSEMBLAGE À TÊTE HEXAGONALE
HEXAGONAL HEAD CAP SCREWS

Norme ANSI B18.2.3.1 M 1979

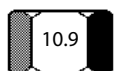


FIN

DIMENSION						
Dia.	Filet/Pas	Long	CLÉ	DIN 960 PARTIEL	DIN 961 COMPLET	BTE
mm	Pitch			NOIR	NOIR	Box
14	1.50	100	22	33363N	-	25
14	1.50	110	22	33364N	-	25
14	1.50	120	22	33365N	-	25
14	1.50	130	22	33366N	-	25
14	1.50	140	22	33367N	-	25
14	1.50	150	22	33368N	-	10
14	1.50	160	22	33369N	-	10
16	1.50	30	24	-	33172CN	25
16	1.50	35	24	-	33174CN	25
16	1.50	40	24	-	33176CN	25
16	1.50	45	24	-	33178CN	25
16	1.50	50	24	33180N	33180CN	25
16	1.50	55	24	33182N	-	25
16	1.50	60	24	33184N	-	25
16	1.50	65	24	33186N	-	25
16	1.50	70	24	33188N	-	25
16	1.50	75	24	33189N	-	25
16	1.50	80	24	33190N	-	25
16	1.50	90	24	33191N	-	25
16	1.50	100	24	33192N	-	25
16	1.50	110	24	33193N	-	25
16	1.50	120	24	33194N	-	25
16	1.50	140	24	33195N	-	25
18	1.50	40	27	-	33418CN	25
18	1.50	45	27	-	33419CN	25
18	1.50	50	27	-	33420CN	25
18	1.50	55	27	-	33421CN	25
18	1.50	60	27	33422N	33422CN	25
18	1.50	70	27	33424N	-	25
18	1.50	80	27	33426N	33426CN	25
18	1.50	90	27	33428N	-	25
18	1.50	100	27	33430N	-	25
18	1.50	110	27	33432N	-	25
18	1.50	120	27	33433N	-	25
18	1.50	140	27	33434N	-	25

DIMENSION						
Dia.	Filet/Pas	Long	CLÉ	DIN 960 PARTIEL	DIN 961 COMPLET	BTE
mm	Pitch			NOIR	NOIR	Box
20	1.50	40	30	-	33466CN	25
20	1.50	45	30	-	33467CN	25
20	1.50	50	30	-	33468CN	25
20	1.50	55	30	-	33469CN	25
20	1.50	60	30	-	33470CN	25
20	1.50	70	30	33472N	33472CN	25
20	1.50	80	30	33474N	-	25
20	1.50	90	30	33475N	-	25
20	1.50	100	30	33476N	-	25
20	1.50	120	30	33478N	-	25
20	1.50	140	30	33480N	-	25
22	1.50	40	32	-	33500CN	10
22	1.50	45	32	-	33501CN	10
22	1.50	50	32	-	33502CN	10
22	1.50	55	32	-	33503CN	10
22	1.50	60	32	-	33504CN	10
22	1.50	70	32	-	33506CN	10
22	1.50	80	32	33508N	-	10
22	1.50	90	32	33509N	-	10
22	1.50	100	32	33510N	-	10
22	1.50	110	32	33511N	-	10
22	1.50	120	32	33512N	-	10
22	1.50	140	32	33514N	-	10
22	1.50	150	32	33516N	-	10
24	2.00	45	36	-	33520CN	10
24	2.00	50	36	-	33521CN	10
24	2.00	55	36	-	33522CN	10
24	2.00	70	36	-	33526CN	10
24	2.00	75	36	33527N	-	10
24	2.00	80	36	33528N	-	10
24	2.00	90	36	33530N	-	10
24	2.00	100	36	33531N	-	10
24	2.00	110	36	33532N	-	10
24	2.00	120	36	33533N	-	10
24	2.00	140	36	33535N	-	10

10.9
FIN



DIMENSION mm	ÉCROUS HEXAGONE HEXAGON NUTS DIN934		BLOCAGE NYLON NYLON LOCKNUTS DIN985		ÉCROUS CHANFREINÉS STOYER LOCKNUTS ENV		RONDELLES PLATES REG. REG. FLAT WASHER			RONDELLES RESSORTS REG. REG. SPRING LOCK WASHERS		
	# NOIR	BTE	# PLAQUÉ	BTE	# PLAQUÉ	BTE	# PLAQUÉ	# NOIR	BTE	# PLAQUÉ	# NOIR	BTE
14 x 1.50	29960	25	30782	25	30524	25	21090P	21090N	100	21113P	21113N	100
16 x 1.50	29961	10	30783	10	30525	10	21091P	21091N	50	21114P	21114N	50
18 x 1.50	29962	10	-	10	30526	10	21092P	21092N	50	21115P	21115N	50
20 x 1.50	29963	10	30785	10	30527	10	21093P	21093N	50	21116P	21116N	50
22 x 1.50	29964	10	-	10	-	10	21094P	21094N	25	21117P	21117N	25
24 x 2.00	29965	5	30787	5	-	5	21095P	21095N	25	21118P	21118N	25

25-04-2023

ACIER INOXYDABLE 304 (A2, 18-8)
STAINLESS STEEL (304 / 18-8)
 Norme ISO 4017 (DIN 933)



REG

DIMENSION						
Dia.	Filet/ Pas	Long	CLE	UNC DIN 933 PARTIEL	UNC DIN 933 COMPLET	BTE
mm	Pitch	MM		Inox - Stainless	Inox - Stainless	Box
M3	0.50	8	6	-	20101AI	100
M3	0.50	12	6	-	20103AI	100
M3	0.50	16	6	-	20106AI	100
M3	0.50	20	6	-	20108AI	100
M3	0.50	30	6	-	20111AI	100
M4	0.70	8	7	-	20115AI	100
M4	0.70	10	7	-	20116AI	100
M4	0.70	12	7	-	20117AI	100
M4	0.70	16	7	-	20120AI	100
M4	0.70	20	7	-	20122AI	100
M4	0.70	25	7	-	20124AI	100
M4	0.70	30	7	-	20125AI	100
M4	0.70	35	7	-	20126AI	100
M4	0.70	40	7	-	20127CPAI	100
M4	0.70	50	7	-	20129AI	100
M5	0.80	10	8	-	20133AI	100
M5	0.80	12	8	-	20134AI	100
M5	0.80	14	8	-	20135AI	100
M5	0.80	16	8	-	20137AI	100
M5	0.80	18	8	-	20138AI	100
M5	0.80	20	8	-	20139AI	100
M5	0.80	25	8	-	20141AI	100
M5	0.80	30	8	-	20142AI	100
M5	0.80	35	8	-	20143AI	100
M5	0.80	40	8	-	20144AI	100
M5	0.80	60	8	-	20148AI	100
M6	1.00	10	10	20166FTAI	20153AI	100
M6	1.00	12	10	-	20154AI	100
M6	1.00	14	10	-	20155AI	100
M6	1.00	16	10	-	20157AI	100
M6	1.00	18	10	-	20158AI	100
M6	1.00	20	10	-	20159AI	100
M6	1.00	25	10	-	20161AI	100

DIMENSION						
Dia.	Filet/ Pas	Long	CLE	UNC DIN 933 PARTIEL	UNC DIN 933 COMPLET	BTE
mm	Pitch			Inox - Stainless	Inox - Stainless	Box
M6	1.00	30	10	20162CAI	20162AI	100
M6	1.00	35	10	20163CAI	20163AI	100
M6	1.00	40	10	-	20164AI	25
M6	1.00	45	10	-	20165AI	25
M6	1.00	50	10	20166FTAI	20166AI	25
M6	1.00	55	10	-	20167AI	25
M6	1.00	60	10	20168CAI	20168AI	25
M6	1.00	70	10	-	20170AI	25
M6	1.00	75	10	-	20171AI	25
M6	1.00	80	10	20172CAI	20172AI	25
M6	1.00	100	10	-	20174AI	25
M8	1.25	12	13	-	20191AI	50
M8	1.25	14	13	-	20192AI	50
M8	1.25	16	13	-	20196AI	50
M8	1.25	18	13	-	20197AI	50
M8	1.25	20	13	-	20198AI	50
M8	1.25	25	13	-	20200AI	50
M8	1.25	30	13	20201AI	20201CAI	50
M8	1.25	35	13	20202AI		50
M8	1.25	40	13	20203AI	20203CAI	50
M8	1.25	45	13	20204AI	20204CAI	50
M8	1.25	50	13	20205AI	20205CAI	50
M8	1.25	55	13	-	20206AI	25
M8	1.25	60	13	-	20207AI	25
M8	1.25	65	13	-	20208AI	25
M8	1.25	70	13	20209AI		25
M8	1.25	75	13	20210AI	20210CPAI	25
M8	1.25	80	13	20211AI	20211FTAI	25
M8	1.25	90	13	20213AI		25
M8	1.25	100	13	20214AI		25
M8	1.25	110	13	-	20215AI	25
M8	2.00	120	13	-	20216CAI	25

18.8 REG



DIMENSION mm	ÉCROUS HEXAGONE HEXAGON NUTS DIN933		BLOCAGE NYLON NYLON LOCKNUTS DIN933		RONDELLES PLATES REG. REG. FLAT WASHER		RONDELLES RESSORTS REG. REG. SPRING LOCK WASHERS	
	INOX - STAINLESS	BTE	INOX - STAINLESS	BTE	INOX - STAINLESS	BTE	INOX - STAINLESS	BTE
M3	21002AI	100	23159AI	100	21082AI	100	21105AI	100
M4	21004AI	100	23160AI	100	21083AI	100	21106AI	100
M5	21005AI	100	23161AI	100	21084AI	100	21107AI	100
M6	21006AI	100	23162AI	100	21085AI	100	21108AI	100
M8	21008AI	100	23164AI	100	21087AI	100	21110AI	100

ACIER INOXYDABLE 304 (A2, 18-8)
STAINLESS STEEL (304 / 18-8)
 Norme ISO 4017 (DIN 933 / *931)



REG

DIMENSION						
Dia.	Filet/ Pas	Long	CLE	UNC DIN 933 PARTIEL	UNC DIN 933 COMPLET	BTE
mm	Pitch	MM		Inox - Stainless	Inox - Stainless	Box
M10	1.50	16	17	-	20227AI	25
M10	1.50	20	17	-	20229AI	25
M10	1.50	25	17	-	20231AI	25
M10	1.50	30	17	-	20232AI	25
M10	1.50	35	17	-	20232AI-316	25
M10	1.50	40	17	20234AI	20234AI-316	25
M10	1.50	45	17	20235AI	20235CAI	25
M10	1.50	50	17	20236AI	20236CAI	25
M10	1.50	55	17	-	20237AI	25
M10	1.50	60	17	20238AI	20238CPAI	25
M10	1.50	65	17	20239AI	-	25
M10	1.50	70	17	20240AI	20240CPAI	25
M10	1.50	75	17	-	20241AI	25
M10	1.50	80	17	20242AI	20242FTAI	25
M10	1.50	85	17	20243AI	-	25
M10	1.50	100	17	-	20245AI	25
M10	1.50	120	17	20247A2	-	25
M10	1.50	130	17	-	20248AI	25
M12	1.75	16	19	-	20264AI	25
M12	1.75	20	19	-	20266AI	25
M12	1.75	25	19	-	20268AI	25
M12	1.75	30	19	-	20269AI	25
M12	1.75	35	19	-	20270AI	25
M12	1.75	40	19	-	20271AI	25
M12	1.75	45	19	-	20272AI	25
M12	1.75	50	19	20273AI	20273CPAI	25
M12	1.75	55	19	-	20274AI	25
M12	1.75	60	19	20275AI	20275CPAI	25
M12	1.75	65	19	20276AI	20276FTAI	25
M12	1.75	70	19	20277AI	-	25
M12	1.75	80	19	20279AI	20279FTAI	25
M12	1.75	90	19	-	20281CAI	25
M12	1.75	100	19	-	20282AI	25
M12	1.75	110	19	-	20283AI	25
M12	1.75	120	19	-	20284AI	25
M12	1.75	200	19	-	20290AI	25

DIMENSION						
Dia.	Filet/ Pas	Long	CLE	UNC DIN 933 PARTIEL	UNC DIN 933 COMPLET	BTE
mm	Pitch			Inox - Stainless	Inox - Stainless	Box
M14	2.00	20	22	-	20292AI	25
M14	2.00	30	22	-	20294AI	10
M14	2.00	35	22	-	20295AI	25
M14	2.00	40	22	-	20296AI	10
M14	2.00	45	22	-	20297AI	10
M14	2.00	50	22	20298AI	20298CPAI	10/25
M14	2.00	55	22	20299AI	-	25
M14	2.00	60	22	20300AI	20300CPAI	10/25
M14	2.00	70	22	-	20302CAI	10
M14	2.00	80	22	20304AI	-	10
M14	2.00	90	22	-	20306AI	25
M16	2.00	25	24	-	20323AI	10
M16	2.00	30	24	-	20324AI	10
M16	2.00	35	24	-	20325AI	10
M16	2.00	40	24	-	20326AI	10
M16	2.00	45	24	-	20327AI	10
M16	2.00	50	24	-	20328AI	10
M16	2.00	55	24	-	20329AI	25
M16	2.00	60	24	20330AI	20330FTAI	25
M16	2.00	65	24	-	20331AI	10
M16	2.00	70	24	-	20332AI	10
M16	2.00	75	24	-	20333AI	10
M16	2.00	80	24	-	20334CPAI	10
M16	2.00	90	24	-	20336AI-316	20
M16	2.00	120	24	-	20339AI	10
M16	2.00	140	24	20341AI		10
M20	2.50	45	30	-	20388AI	5
M20	2.50	50	30	-	20389AI	5
M20	2.50	55	30	-	20390AI	5
M20	2.50	60	30	-	20391AI	5
M20	2.50	70	30	-	20393AI	5
M20	2.50	80	30	-	20395AI	5
M20	2.50	100	30	-	20398AI	5
M20	2.50	200	30	-	20408CNAI	5
M24	3.00	70	36	20448AI	-	25
M24	3.00	95	36	20451AI	-	10

18.8
REG



DIMENSION mm	ÉCROUS HEXAGONE HEXAGON NUTS DIN933		BLOCAGE NYLON NYLON LOCKNUTS DIN933		RONDELLES PLATES REG. REG. FLAT WASHER		RONDELLES RESSORTS REG. REG. SPRING LOCK WASHERS	
	INOX - STAINLESS	BTE	INOX - STAINLESS	BTE	INOX - STAINLESS	BTE	INOX - STAINLESS	BTE
M10	21010AI	25	23166AI	25	21088AI	100	21111AI	100
M12	21011AI	25	23167AI	25	21089AI	100	21112AI	100
M14	21012AI	10	23168AI	25	21090AI	50	21113AI	50
M16	21013AI	10	23169AI	10	21091AI	25	21114AI	25
M20	21015AI	10	23171AI	10	21093AI	25	21115AI	25

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VIS D'ASSEMBLAGE À TÊTE HEXAGONALE

HEXAGONAL HEAD CAP SCREWS

Norme ANSI B18.2.3.1 M 1979



12.9 **REG**

DIMENSION			CLE			BTE
Dia.	Filet/Pas	Long				
mm	Pitch					
				DIN 931 PARTIEL	DIN 933 COMPLET	Box
				NOIR	NOIR	
5	0.80	6	8	-	34101	100
5	0.80	8	8	-	34102	100
5	0.80	10	8	-	34103	100
5	0.80	12	8	-	34103	100
5	0.80	16	8	-	34104	100
5	0.80	20	8	-	34105	100
5	0.80	25	8	34106	-	100
5	0.80	30	8	34107	-	100
5	0.80	35	8	34108	-	100
5	0.80	40	8	34109	-	100
5	0.80	45	8	34110	-	100
5	0.80	50	8	34111	-	100
6	1.00	10	10	-	34115	100
6	1.00	12	10	-	34116	100
6	1.00	16	10	-	34117	100
6	1.00	20	10	-	34118	100
6	1.00	25	10	-	34119	100
6	1.00	30	10	34120	-	100
6	1.00	35	10	34121	-	100
6	1.00	40	10	34122	-	100
6	1.00	45	10	34123	-	50
6	1.00	50	10	34124	-	50
8	1.25	12	13	-	34130	50
8	1.25	16	13	-	34131	50
8	1.25	20	13	-	34132	50
8	1.25	25	13	-	34133	50
8	1.25	30	13	-	34134	50
8	1.25	35	13	34135	-	50
8	1.25	40	13	34136	-	50
8	1.25	45	13	34137	-	50
8	1.25	50	13	34138	-	50
8	1.25	55	13	34139	-	50
8	1.25	60	13	34140	-	50
8	1.25	65	13	34141	-	50
8	1.25	70	13	34142	-	50
8	1.25	80	13	34143	-	50
8	1.25	90	13	34144	-	25
8	1.25	100	13	34145	-	25
10	1.50	16	17	-	34150	50
10	1.50	20	17	-	34151	50
10	1.50	25	17	-	34152	50
10	1.50	30	17	-	34153	50

DIMENSION			CLE			BTE
Dia.	Filet/Pas	Long				
mm	Pitch					
				DIN 931 PARTIEL	DIN 933 COMPLET	Box
				NOIR	NOIR	
10	1.50	35	17	-	34154	50
10	1.50	40	17	34155	-	50
10	1.50	45	17	34156	-	25
10	1.50	50	17	34157	-	25
10	1.50	55	17	34157B	-	25
10	1.50	60	17	34158	-	25
10	1.50	65	17	34159	-	25
10	1.50	70	17	34160	-	25
10	1.50	75	17	34161	-	25
10	1.50	80	17	34162	-	25
10	1.50	90	17	34163	-	25
10	1.50	100	17	34164	-	25
12	1.75	20	19	-	34170	50
12	1.75	25	19	-	34171	50
12	1.75	30	19	-	34172	50
12	1.75	35	19	-	34173	50
12	1.75	40	19	-	34174	50
12	1.75	45	19	34175	-	50
12	1.75	50	19	34176	-	50
12	1.75	55	19	34177	-	50
12	1.75	60	19	34178	-	50
12	1.75	65	19	34179	-	50
12	1.75	70	19	34180	-	50
12	1.75	75	19	34181	-	50
12	1.75	80	19	34182	-	50
12	1.75	90	19	34183	-	25
12	1.75	100	19	34184	-	25
16	2.00	30	24	-	34190	25
16	2.00	35	24	-	34191	25
16	2.00	40	24	-	34192	25
16	2.00	45	24	-	34193	25
16	2.00	50	24	-	34194	25
16	2.00	55	24	34195	-	25
16	2.00	60	24	34196	-	25
16	2.00	65	24	34197	-	25
16	2.00	70	24	34198	-	25
16	2.00	75	24	34199	-	25
16	2.00	80	24	34200	-	25
16	2.00	90	24	34201	-	25
16	2.00	100	24	34202	-	25
16	2.00	110	24	34203	-	25
16	2.00	120	24	34204	-	25
16	2.00	130	24	34205	-	25
16	2.00	140	24	34206	-	25
16	2.00	150	24	34207	-	10

VIS D'ASSEMBLAGE À TÊTE HEXAGONALE HEXAGONAL HEAD CAP SCREWS

Norme ANSI B18.2.3.1 M 1979

* = FILET COMPLET / FULL THREAD

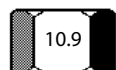


10.9 ISO

CLASSE 10.9 - ISO					
DIMENSION				PLAQUÉ ZINC ZINC PLATED	BTE BOX
Dia. mm	Filet/Pas Pitch	Long	CE		
6	1.00	16	10	30600*	100
6	1.00	18	10	30601*	100
6	1.00	20	10	30602*	100
6	1.00	25	10	30603*	100
6	1.00	30	10	30604	100
6	1.00	35	10	30605	100
6	1.00	40	10	30606	100
6	1.00	45	10	30607	50
6	1.00	50	10	30608	50
6	1.00	60	10	30609	50
6	1.00	70	10	30610	50
6	1.00	80	10	30611	25
8	1.25	16	13	30612*	50
8	1.25	20	13	30613*	50
8	1.25	25	13	30614*	50
8	1.25	30	13	30615*	50
8	1.25	35	13	30616	50
8	1.25	40	13	30617	50
8	1.25	45	13	30618	50
8	1.25	50	13	30619	50
8	1.25	60	13	30620	50
8	1.25	70	13	30621	50
10	1.50	16	16	30622*	50
10	1.50	20	16	30623*	50
10	1.50	25	16	30624*	50
10	1.50	30	16	30625*	50
10	1.50	35	16	30626*	50
10	1.50	40	16	30627	50
10	1.50	45	16	30628	50
10	1.50	50	16	30629	50

CLASSE 10.9 - ISO					
DIMENSION				PLAQUÉ ZINC ZINC PLATED	BTE BOX
Dia. mm	Filet/Pas Pitch	Long	CE		
10	1.50	55	16	30630	50
10	1.50	60	16	30631	50
10	1.50	65	16	30632	50
10	1.50	70	16	30633	50
10	1.50	75	16	30634	50
10	1.50	80	16	30635	50
10	1.50	90	16	30636	25
10	1.50	100	16	30637	25
10	1.50	110	16	30637A	25
10	1.50	120	16	30637B	25
10	1.50	130	16	30637C	25
10	1.50	140	16	30637D	25
12	1.75	20	18	30638*	25
12	1.75	25	18	30639*	25
12	1.75	30	18	30640*	25
12	1.75	35	18	30641*	25
12	1.75	40	18	30642*	25
12	1.75	45	18	30643	25
12	1.75	50	18	30644	25
12	1.75	55	18	30645	25
12	1.75	60	18	30646	25
12	1.75	65	18	30647	10
12	1.75	70	18	30648	10
12	1.75	75	18	30648B	10
12	1.75	80	18	30649	50
12	1.75	90	18	30650	25
12	1.75	100	18	30651	25
12	1.75	110	18	30652	25
12	1.75	120	18	30653	25
12	1.75	130	18	30653B	10

**10.9
ISO**



DIMENSION mm	ÉCROUS HEXAGONE HEXAGON NUTS DIN934		BLOCAGE NYLON NYLON LOCKNUTS DIN985		ÉCROUS CHANFREINÉS STOVED LOCKNUTS EN V		RONDELLES PLATES ROBUSTE HEAVY FLAT WASHER		RONDELLES RESSORTS REG. REG. SPRING LOCK WASHERS	
	# PLAQUÉ	BTE	# PLAQUÉ	BTE	# PLAQUÉ	BTE	# PLAQUÉ	BTE	# PLAQUÉ	BTE
6 x 1.00	30731	100	30762	100		100	30751	100	30741	100
8 x 1.25	30732	50	30763	50		50	30752	100	30742	100
10 x 1.50	30733	50	30764-ISO	50		50	30753	100	30743	100
12 x 1.75	30734	25	30765-ISO	50		25	30754	100	30744	100
14 x 2.00	30735	25	30765A	50		25	30755	100	30745	100
16 x 2.00	30736	10	30766	25		10	30756	50	30746	50

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VIS D'ASSEMBLAGE À TÊTE HEXAGONALE HEXAGONAL HEAD CAP SCREWS

Norme ANSI B18.2.3.1 M 1979

* = FILET COMPLET / FULL THREAD

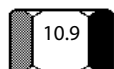


10.9 ISO

GRADE 10.9 - ISO					
DIMENSION				PLAQUÉ ZINC ZINC PLATED	BTE BOX
Dia. mm	Filet/Pas Pitch	Long	CE		
16	2.00	30	24	30654*	25
16	2.00	35	24	30655*	25
16	2.00	40	24	30656*	25
16	2.00	45	24	30657*	25
16	2.00	50	24	30658*	25
16	2.00	60	24	30659	25
16	2.00	70	24	30660	25
16	2.00	75	24	30661	25
16	2.00	80	24	30662	25
16	2.00	90	24	30663	25
16	2.00	100	24	30664	25
16	2.00	110	24	30665	25
16	2.00	120	24	30666	25
16	2.00	130	24	30667	25
16	2.00	140	24	30668	25
16	2.00	150	24	30669	25
16	2.00	160	24	30670	10
16	2.00	170	24	30671	10
16	2.00	180	24	30672	10
16	2.00	190	24	30673	10
16	2.00	200	24	30674	10
16	2.00	210	24	30675	10
16	2.00	220	24	30676	10
16	2.00	230	24	30677	10
16	2.00	240	24	30678	10
16	2.00	250	24	30679	10
20	2.50	30	30	30680*	25
20	2.50	35	30	30681*	25
20	2.50	40	30	30682*	25
20	2.50	45	30	30683*	25
20	2.50	50	30	30684*	25
20	2.50	60	30	30685*	25
20	2.50	70	30	30686	25

GRADE 10.9 - ISO					
DIMENSION				PLAQUÉ ZINC ZINC PLATED	BTE BOX
Dia. mm	Filet/Pas Pitch	Long	CE		
20	2.50	80	30	30687	25
20	2.50	90	30	30688	25
20	2.50	100	30	30689	25
20	2.50	110	30	30690	25
20	2.50	120	30	30691	25
20	2.50	130	30	30692	25
20	2.50	140	30	30693	25
20	2.50	150	30	30694	10
20	2.50	160	30	30695	10
20	2.50	170	30	30696	10
20	2.50	180	30	30697	10
20	2.50	190	30	30698	10
20	2.50	200	30	30699	10
20	2.50	210	30	30700	10
20	2.50	220	30	30701	10
20	2.50	240	30	30702	10
20	2.50	250	30	30703	10
24	3.00	40	36	30704*	10
24	3.00	50	36	30705*	10
24	3.00	60	36	30706*	10
24	3.00	70	36	30707*	10
24	3.00	80	36	30708	10
24	3.00	90	36	30709	10
24	3.00	100	36	30710	10
24	3.00	110	36	30711	10
24	3.00	120	36	30712	10
24	3.00	130	36	30713	10
24	3.00	140	36	30714	10
24	3.00	150	36	30715	1
24	3.00	160	36	30716	1
24	3.00	170	36	30717	1
24	3.00	180	36	30718	1
24	3.00	190	36	30719	1
24	3.00	200	36	30720	1
24	3.00	210	36	30721	1
24	3.00	220	36	30722	1
24	3.00	240	36	30723	1
24	3.00	250	36	30724	1

**10.9
ISO**



DIMENSION mm	ÉCROUS HEXAGONE HEXAGON NUTS DIN934		BLOCAGE NYLON NYLON LOCKNUTS DIN985		ÉCROUS CHANFREINÉS STOVER LOCKNUTS ENV		RONDELLES PLATES ROBUSTE HEAVY FLAT WASHER		RONDELLES RESSORTS REG. REG. SPRING LOCK WASHERS	
	# PLAQUÉ	BTE	# PLAQUÉ	BTE	# PLAQUÉ	BTE	# PLAQUÉ	BTE	# PLAQUÉ	BTE
16 x 2.00	30736	10	30766	25		10	30756	50	30746	50
20 x 2.50	30737	10	30767	25		10	30757	50	30747	50
24 x 3.00	30738	5	30768	10		5	30758	25	30748	25

25-04-2023

ÉCROUS HEXAGONE HEXAGON NUTS

Norme ANSI B18.2.4.1M
DIN 934

CLASSE 8



DIN 934 - RÉGULIER					
	# PLAQUÉ # PLATED	# NOIR # BLACK	CLÉ S	ÉPAIS M	BTE BOX
2 X 0.40	21000P	-	4	1.6	100
2.5 X 0.45	21001P	-	5	2	100
3 X 0.50	21002P	21002N	5.5	2.4	100
3.5 X 0.60	21003P	-	6	2.8	100
4 X 0.70	21004P	21004N	7	3.2	100
5 X 0.80	21005P	21005N	8	4	100
6 X 1.00	21006P	21006N	10	5	100
7 X 1.00	21007P	21007N	11	5.5	100
8 X 1.25	21008P	21008N	13	6.5	50
10 X 1.50	21010P	21010N	17	8	50
12 X 1.75	21011P	21011N	19	10	25
14 X 2.00	21012P	21012N	22	11	25
16 X 2.00	21013P	21013N	24	13	10
18 X 2.50	21014P	21014N	27	15	10
20 X 2.50	21015P	21015N	30	16	10
22 X 2.50	21016P	21016N	32	18	10
24 X 3.00	21017P	21017N	36	18	5
27 X 3.00	21018P	21018N	41	22	5
30 X 3.50	21020P	21020N	46	24	5
33 X 3.50	-	21021N	50	26	1
36 X 4.00	21022P	21022N	55	29	1
39 X 4.00	-	21023N	60	31	1
42 X 4.50	-	21024N	65	34	1
45 X 4.50	-	21025N	70	36	1
48 X 5.00	-	21026N	75	38	1
52 X 5.00	-	21027N	80	42	1
56 X 5.50	-	21036N	85	45	1
60 X 5.50	-	21028N	90	48	1
64 X 6.00	-	21029N	95	51	1
68 X 6.00	-	21030N	100	54	1
72 X 6.00	-	21031N	105	58	1
76 X 6.00	-	21037N	110	61	1
80 X 6.00	-	21032N	115	64	1
90 X 6.00	-	21033N	130	72	1
100 X 6.00	-	21034N	145	80	1

DIN 934 - FIN					
	# PLAQUÉ # PLATED	# NOIR # BLACK	CLÉ S	ÉPAIS m	BTE BOX
3 X 0.60	21044P	21044N	5.5	2.4	100
4 X 0.75	21045P	21045N	7	3.2	100
5 X 0.90	21046P	21046N	8	4	100
6 X 0.50	21047P	21047N	10	5	100
6 X 0.75	21048P	21048N	10	5	100
8 X 0.75	21049P	21049N	11	6.5	50
8 X 1.00	21050P	21050N	13	6.5	50
10 X 1.00	21053P	21053N	17	8	50
10 X 1.25	21054P	21054N	17	8	50
11 X 1.50	21055P	21055N	-		50
12 X 1.00	21056P	21056N	19	10	25
12 X 1.25	21057P	21057N	19	10	25
12 X 1.50	21058P	21058N	19	10	25
14 X 1.25	21059P	21059N	22	11	25
14 X 1.50	21061P	21061N	22	11	25
16 X 1.00	21062P	21062N	24	13	10
16 X 1.50	21063P	21063N	24	13	10
18 X 1.50	21064P	21064N	27	15	10
18 X 2.00	21065P	21065N	27	15	10
20 X 1.00	21066P	21066N	30	16	10
20 X 1.50	21067P	21067N	30	16	10
20 X 2.00	21068P	21068N	30	16	10
22 X 1.50	21069P	21069N	32	18	10
22 X 2.00	21070P	21070N	32	18	10
24 X 1.00	21071P	21071N	36	19	5
24 X 1.50	21072P	21072N	36	19	5
24 X 2.00	21073P	21073N	36	19	5
27 X 1.50	21074P	21074N	41	22	5
27 X 2.00	21075P	21075N	41	22	5
30 X 1.50	21076P	21076N	46	24	5
30 X 2.00	21077P	21077N	46	24	5
33 X 1.50	25701P	25701N	50	26	1
33 X 2.00	21078P	21078N	50	26	1
36 X 1.50	21079P	21079N	55	29	1
36 X 2.00	-	25706N	55	29	1
36 X 3.00	21080P	21080N	55	29	1
39 X 3.00	-	25707N	60	31	1
42 X 3.00	-	25705N	65	34	1
45 X 3.00	-	25708N	70	36	1
48 X 2.00	-	25702N	75	38	1
48 X 3.00		25709N	75	38	1

ÉCROUS HEXAGONE HEXAGON NUTS

Norme ANSI B18.2.4.1M
DIN 934

CLASSE 10



DIN 934 - RÉGULIER					
	ISO # PLAQUÉ # PLATED	DIN 934 # NOIR # BLACK	CLÉ s	m	BTE BOX
5 X 0.80	30730	29939	8	4	100
6 X 1.00	30731	29940	10	5	100
8 X 1.25	30732	29941	13	6.5	50
10 X 1.50	30733	29942	17	8	50
12 X 1.75	30734	29944	19	10	25
14 X 2.00	30735	29945	22	11	25
16 X 2.00	30736	29946	24	13	10
18 X 2.50	-	29947	27	15	10
20 X 2.50	30737	32108	30	16	10
22 X 2.50	-	29948	32	18	10
24 X 3.00	30738	29949	36	18	5
27 X 3.00	-	32112	41	22	5
30 X 3.50	30739	29950	46	24	5
33 X 3.50	-	29951	50	26	1
36 X 4.00	-	29953	55	29	1
42 X 4.50	-	32118	65	34	1
48 X 5.00	-	32120	75	38	1
DIN 934 - FIN					
	# NOIR # BLACK	CLÉ	m	BTE BOX	
8 X 1.00	29954	13	6.5	50	
10 X 1.00	29955	17	8	50	
10 X 1.25	29956	17	8	50	
12 X 1.25	29959	19	10	25	
12 X 1.50	29957	19	10	25	
14 X 1.50	29960	22	11	25	
16 X 1.50	29961	24	13	10	
18 X 1.50	29962	27	15	10	
20 X 1.50	29963	30	16	10	
22 X 1.50	29964	32	18	10	
24 X 2.00	29965	36	19	5	
30 X 2.00	29967	46	24	5	

Écrous hexagonaux Hexagon nuts

ÉCROUS DE BLOCAGE AVEC NYLON À EMBASE HEXAGON FLANGE NYLON LOCK NUTS

Norme ANSI B18.16.3M
DIN 6926

CLASSE 8



DIN 6926 - RÉGULIER				
DIMENSION mm	# PLAQUÉ # PLATED	CLÉ	HAUT	BTE
5 x 0.80	23161F	8	5	100
6 x 1.00	23162F	10	6	100
7 x 1.00	23163F	11	7.5	100
8 x 1.25	23164F	13	8	50
10 x 1.50	23166F	17	10	50
12 x 1.75	23167F	19	12	25
14 x 2.00	23168F	22	14	25

ÉCROUS HEXAGONAUX À EMBASE HEXAGON FLANGE NUT

DIN 6923



DIN 6923 - RÉGULIER					
DIMENSION mm	CLASSE 8	CLASSE 10	CLÉ	EMBASE	BTE
3 x 0.50	30908	-	5.5	---	100
4 x 0.70	30909	-	7	---	100
5 x 0.80	30910	-	8	11.8	100
6 x 1.00	30912	24431	10	14.2	100
8 x 1.25	30914	24432	13	17.9	50
10 x 1.50	30916	24433	15	21.8	50
12 x 1.75	30918	24434	18	26.0	25
14 x 2.00	30920	24434A	21	29.9	25
16 x 2.00	30922	24435	24	34.5	10
20 x 2.50	30924	24436	30	42.8	10

ÉCROUS HEXAGONAUX À EMBASE RAINURÉE HEXAGON FLANGE NUT SERATED

DIN 6923



DIN 6923 - RÉGULIER				
DIMENSION mm	CLASSE 8	CLÉ	EMBASE	BTE
5 x 0.80	24425	8	11.8	100
6 x 1.00	24426	10	14.2	100
8 x 1.25	24427	13	17.9	100
10 x 1.50	24428	15	21.8	50
12 x 1.75	24429	18	26.0	25

ÉCROUS DE BLOCAGE AVEC NYLON HEXAGON NYLON LOCK NUTS

Norme ANSI B18.16.3M
DIN 985

CLASSE 8



DIN 985 - RÉGULIER				
DIMENSION mm	# PLAQUÉ # PLATED	CLÉ	HAUT	BTE
3 x 0.50	23159	5.5	4	100
4 x 0.70	23160	7	5	100
5 x 0.80	23161	8	5	100
6 x 1.00	23162	10	6	100
7 x 1.00	23163	11	7.5	100
8 x 1.25	23164	13	8	50
10 x 1.50	23166	17	10	50
12 x 1.75	23167	19	12	25
14 x 2.00	23168	22	14	25
16 x 2.00	23169	24	16	10
18 x 2.50	23170	27	18.5	10
20 x 2.50	23171	30	20	10
22 x 2.50	23172	32	22	10
24 x 3.00	23173	36	24	5
27 x 3.00	23174	41	27	5
30 x 3.50	23175	46	30	5
33 x 3.50	23176	50	33	1
36 x 4.00	23177	55	36	1
39 x 4.00	23178	60	39	1
42 x 4.50	23179	65	42	1
45 x 4.50	23180	70	45	1
48 x 5.00	23181	75	48	1

DIN 985 - FIN				
DIMENSION mm	# PLAQUÉ # PLATED	CLÉ	HAUT	BTE
5 X 0.90	23182	8	5	100
8 X 1.00	23183	13	8	50
10 X 1.00	23200	17	10	50
10 X 1.25	23184	17	10	50
12 X 1.25	23185	19	12	25
12 X 1.50	23199	19	12	25
14 X 1.50	23186	22	14	25
16 X 1.50	23187	24	16	10
18 X 1.50	23188	27	18.5	10
20 X 1.50	23189	30	20	10
22 X 1.50	23189A	32	22	10
24 X 2.00	23190	36	24	15
27 X 2.00	23191	41	27	5
30 X 2.00	23192	46	30	5
36 X 2.00	23194	55	36	1
39 X 3.00	23195	60	39	1
42 X 3.00	23196	65	42	1
45 X 3.00	23197	70	45	1
48 X 3.00	23198	75	48	1

ÉCROUS DE BLOCAGE AVEC NYLON HEXAGON NYLON LOCK NUTS

Norme ANSI B18.16.3M
DIN 985

CLASSE 10



DIN 985 - RÉGULIER				
DIMENSION mm	# PLAQUÉ # PLATED	CLÉ	HAUT	BTE
6 x 1.00	30762	10	6	100
8 x 1.25	30763	13	8	50
10 x 1.50	30764	17	10	50
12 x 1.75	30765	19	12	25
14 x 2.00	30765A	22	14	25
16 x 2.00	30766	24	16	10
18 x 2.50	30766A	27	18.5	10
20 x 2.50	30767	30	20	10
22 x 2.50	30767A	32	22	10
24 x 3.00	30768	36	24	5
30 x 3.50	30769	46	30	5
36 x 4.00	30770	55	36	1
48 x 5.00	30771	75	48	1

DIN 985 - FIN				
DIMENSION mm	# PLAQUÉ # PLATED	CLÉ	HAUT	BTE
10 X 1.25	30780	17	10	50
12 X 1.25	30781	19	12	25
14 X 1.50	30782	22	14	25
16 X 1.50	30783	24	16	10
20 X 1.50	30785	30	20	10
24 X 2.00	30787	36	24	15

ÉCROUS HEXAGONE AUTO-BLOQUANT
STOVER LOCK NUTS

Norme ANSI B18.16.3M
DIN 980

CLASSE 8



CLASSE 8 - DIN 980 - RÉGULIER					
DIMENSION mm			CLÉ s	HAUT H	BTE BOX
4 X 0.70	24409	-	7	4.2	100
5 X 0.80	24410	-	8	5.1	100
6 X 1.00	24411	-	10	6	100
8 X 1.25	24412	-	13	8	50
10 X 1.50	24413	-	17	10	50
12 X 1.75	24414	-	19	12	25
14 X 2.00	24415	-	22	14	25
16 X 2.00	24416	-	24	16	10
18 X 2.50	24417	-	27	18	10
20 X 2.50	-	24418	30	20	10
22 X 2.50	-	24418A	32	22	10
24 X 3.00	-	24419	36	24	5
27 X 3.00	-	24420	41	27	5
30 X 3.50	-	24421	46	30	5

CLASSE 8 - DIN 980- FIN					
DIMENSION mm			CLÉ S	HAUT H	BTE BOX
8 X 1.00	30528	-	13	8	50
10 X 1.00	30534	-	17	10	50
10 X 1.25	30526	-	17	10	50
12 X 1.25	30542	-	19	12	25
12 X 1.50	30544	-	19	12	25
14 X 1.50	30549	-	22	14	25
16 X 1.50	30552	-	24	16	10
18 X 1.50	-	30554	27	18	10
20 X 1.50	-	30560	30	20	10
24 X 1.50	-	30570	36	24	5
24 X 2.00	-	30572	36	24	5

ÉCROUS HEXAGONE AUTO-BLOQUANT
STOVER LOCK NUTS

Norme ANSI B18.16.3M
DIN 980

CLASSE 10



CLASSE 10 - DIN 980 - RÉGULIER					
DIMENSION mm			CLÉ s	HAUT H	BTE BOX
6 X 1.00	30500	-	10	6	100
8 X 1.25	30502	-	13	8	50
10 X 1.50	30538	-	17	10	50
12 X 1.75	30503	-	19	12	25
14 X 2.00	30504	-	22	14	25
16 X 2.00	30505	-	24	16	10
20 X 2.50	-	30506	30	20	10
22 X 2.50	-	30564	32	22	10
24 X 3.00	-	30507	36	24	5
30 X 3.50	-	30508	46	30	5

CLASSE 10 - DIN 980 - FIN					
DIMENSION mm			CLÉ S	HAUT H	BTE BOX
12 X 1.50	30510	-	19	12	25
14 X 1.50	30511	-	22	14	25
16 X 1.50	30512	-	24	16	10
22 X 1.50	30564A	-	32	22	10

ÉCROUS À OREILLES WING NUTS

Plaqué zinc / Zinc plated



DIN315 - RÉGULIER				
DIMENSION mm	PLAQUÉ ZINC ZINC PLATED	Large	HAUT H	BTE BOX
4 X 0.70	23202	17.6	8.6	100
5 X 0.80	23203	22.5	11	100
6 X 1.00	23204	27.8	13.6	100
8 X 1.25	23205	30.3	14.8	50
10 X 1.50	23206	36.2	17.7	50
12 X 1.75	23207	49.4	24.1	25

ÉCROUS BORGNES ACORN CAP NUTS

Plaqué zinc / Zinc plated



DIN 1587 - RÉGULIER				
DIMENSION mm	PLAQUÉ ZINC ZINC PLATED	CLÉ s	HAUT H	BTE BOX
4 X 0.70	26018	-	-	100
5 X 0.80	26019	8	10	100
6 X 1.00	26020	10	12	100
8 X 1.25	26024	13	15	50
10 X 1.50	26028	17	18	50
12 X 1.75	26030	19	22	25
14 X 2.00	26031	22		25

ÉCROUS À SOUDER WELD NUTS

Métal nu / Bare metal
N075 - DIN 929



DIN 929 - RÉGULIER				
DIMENSION mm	PLAQUÉ ZINC ZINC PLATED	CLÉ s	HAUT H	BTE BOX
6 X 1.00	23216	11	5	100
8 X 1.25	23217	14	6.5	50
10 X 1.50	23218	17	8	50
12 X 1.75	23219	19	10	25

ÉCROUS À CRÉNEAUX DÉGAGÉS CASTLE NUTS

Norme ANSI B18.2.4.3M
Métal nu / Bare metal



DIN 935 - RÉGULIER				
DIMENSION mm	MÉTAL NU BARE METAL	CLÉ s	HAUT H	BTE BOX
6 X 1.00	23223	10	7.5	100
8 X 1.25	23224	13	9.5	50
10 X 1.50	23225	17	12	50
12 X 1.75	23226	19	15	25
14 X 2.00	23227	22	16	25
16 X 2.00	23228	24	19	10
18 X 2.50	23229	27	21	10
20 X 2.50	23230	30	22	10
22 X 2.50	23231	32	26	10
24 X 3.00	23232	36	27	5
30 X 3.50	23233	46	33	5

DIN 935 - FIN				
DIMENSION mm	MÉTAL NU BARE METAL	CLÉ s	HAUT H	BTE BOX
10 X 1.00	#	17	12	50
10 X 1.25	23242	17	12	50
12 X 1.25	23243	19	15	25
12 X 1.50	#	19	15	25
14 X 1.50	23244	22	16	25
16 X 1.50	23245	24	19	10
18 X 1.50	23246	27	21	10
20 X 1.50	23247	30	22	10
22 X 1.50	23248	32	26	10
24 X 2.00	23249	36	27	5
30 X 2.00	23250	46	33	5

ÉCROUS KEPS® KEPS® NUTS

Plaqué zinc / Zinc plated
N027



N027 - RÉGULIER				
DIMENSION mm	PLAQUÉ ZINC ZINC PLATED	CLÉ	ÉPAIS	BTE BOX
3 X 0.50	24960	5.5	3.2	100
4 X 0.70	24961	7	4.0	100
5 X 0.80	24962	8	5.1	100
6 X 1.00	24963	10	6.1	100
8 X 1.25	24964	13	7.9	50
10 X 1.50	24965	17	9.6	50

CONTRE-ÉCROUS HEXAGONAUX "JAM"
HEXAGON JAM NUTS

Norme ANSI B18.16.3M
DIN 936



DIN 936 - 4/6 RÉGULIER				
DIMENSION mm	DIN 936	CLÉ	HAUT	BTE
	# NOIR # BLACK			
5 x 0.80	23101	8	-	100
6 x 1.00	23102	10	-	100
8 x 1.25	23104	13	5	50
10 x 1.50	23106	17	6	50
12 x 1.75	23108	19	7	25
14 x 2.00	23109	22	8	25
16 x 2.00	23110	24	8	10
18 x 2.50	23111	27	9	10
20 x 2.50	23112	30	9	10
22 x 2.50	23113	32	10	10
24 x 3.00	23114	36	10	5
27 x 3.00	23115	41	12	5
30 x 3.50	23116	46	12	5
36 x 4.00	23118	55	14	1
42 x 4.50	23120	65	16	1

DIN 936 - 4/6 FIN				
DIMENSION mm	DIN 936	CLÉ	HAUT	BTE
	# PLAQUÉ # PLATED			
8 X 1.00	23129	13	5	50
10 X 1.00	23131	17	6	50
10 X 1.25	23132	17	6	50
12 X 1.25	23134	19	7	25
12 X 1.50	23135	19	7	25
14 X 1.50	23137	22	8	25
16 X 1.50	23138	24	8	10
18 X 1.50	23139	27	9	10
20 X 1.50	23142	30	9	10
22 X 1.50	23144	32	10	10
24 X 2.00	23147	36	10	15
30 X 2.00	23151	46	12	5
42 X 3.00	23152	65	16	1

ÉCROUS HEXAGONAUX
HEXAGON NUT

Norme JIS. J1180
JAPANESE INDUSTRIAL STANDARD



JIS
8

JIS - CLASSE 8 - RÉGULIER				
Dia.	Filet/Pas	CLÉ	NUMÉRO	BTE
8	1.25	12	24620	50
10	1.25	14	29505	50
12	1.25	17	29506	25

ÉCROUS HEXAGONAUX À EMBASE
HEXAGON FLANGE NUT - SERRATED

Norme JIS. J1189
JAPANESE INDUSTRIAL STANDARD



JIS
10

JIS - CLASSE 10 - RÉGULIER				
Dia.	Filet/Pas	CLÉ	NUMÉRO	BTE
6	1.00	10	29501	100
8	1.25	12	29502	50
10	1.25	14	29504	50
12	1.25	17	-	25

RONDELLES PLATES FLAT WASHERS

REG



DIN 125-1A						
DIMENSION mm	# PLAQUÉ # PLATED	# NOIR # BLACK	ID	OD	TH	QTE
3	21082P	21082N	3.2	7	0.5	100
4	21083P	21083N	4.3	9	0.8	100
5	21084P	21084N	5.3	10	1	100
6	21085P	21085N	6.4	12	1.6	100
7	21086P	21086N	7.4	14	1.6	100
8	21087P	21087N	8.4	16	1.6	100
10	21088P	21088N	10.5	20	2	100
12	21089P	21089N	13	24	2.5	100
14	21090P	21090N	15	28	2.5	50
16	21091P	21091N	17	30	3	50
18	21092P	21092N	19	34	3	25
20	21093P	21093N	21	37	3	25
22	21094P	21094N	23	39	3	25
24	21095P	21095N	25	44	4	25
27	21096P	21096N	28	50	4	25
30	21097P	21097N	31	56	4	5
33	21098P	21098N	24	60	5	5
36	21099P	21099N	37	66	5	5
39	21100P	21100N	40	72	6	5
42	21101P	21101N	43	78	7	5
45	21102P	21102N	46	85	7	5
48	21103P	21103N	50	92	8	5
52	21104P	21104N	54	98	8	5

RONDELLES RESSORT LOCK WASHERS

REG



DIN 127A						
DIMENSION mm	# PLAQUÉ # PLATED	# NOIR # BLACK	ID	OD	TH	QTE
3	21105P	21105N	3.1	6.2	0.8	100
4	21106P	21106N	4.1	7.6	0.9	100
5	21107P	21107N	5.1	9.2	1.2	100
6	21108P	21108N	6.1	11.8	1.6	100
7	21109P	21109N	7.1	12.8	1.6	100
8	21110P	21110N	8.1	14.8	2	100
10	21111P	21111N	10.2	18.1	2.2	100
12	21112P	21112N	12.2	21.1	2.5	100
14	21113P	21113N	14.2	24.1	3	50
16	21114P	21114N	16.2	27.4	3.5	50
18	21115P	21115N	18.2	29.4	3.5	25
20	21116P	21116N	20.2	33.6	4	25
22	21117P	21117N	22.5	35.9	4	25
24	21118P	21118N	24.5	40	5	25
27	21119P	21119N	27.5	43	5	25
30	21120P	21120N	30.5	48.2	6	5
33	21121P	21121N	33.5	55.2	6	5
36	21122P	21122N	36.5	58.2	6	5
39	21123P	21123N	39.5	61.2	6	5
42	21124P	21124N	42.5	68.2	7	5
45	21125P	21125N	45.5	71.2	7	5
48	21126P	21126N	49	75	7	5
52	21127P	21127N	53	83	8	5

RONDELLES PLATES ROBUSTE HEAVY FLAT WASHERS

ROBUSTE



DIN 125A-200HV						
DIMENSION mm	# PLAQUÉ # PLATED	ID	OD	TH	QTE	
6	30751	6.4	12	1.6	100	
8	30752	8.4	16	1.6	100	
10	30753	10.5	20	2	100	
12	30754	13	24	2.5	100	
14	30755	15	28	2.5	50	
16	30756	17	30	3	50	
20	30757	21	37	4	25	
24	30758	25	44	4	25	

RONDELLES RESSORT ROBUSTE HEAVY LOCK WASHERS

ROBUSTE



DIN 127B						
DIMENSION mm	# PLAQUÉ # PLATED	ID	OD	TH	QTE	
6	30741	6.1	11.8	1.6	100	
8	30742	8.1	14.8	2	100	
10	30743	10.2	18.1	2.2	100	
12	30744	12.2	21.1	2.5	100	
14	30745	14.2	24.5	3	50	
16	30746	16.2	27.4	3.5	50	
20	30747	20.2	33.6	4	25	
24	30748	24.5	40.0	5	25	

25-04-2023

**RONDELLES DE BLOCAGE -
DENTS INTERNES / INTERNAL TOOTH
LOCK WASHERS**



DIN 6798J					
DIMENSION mm	# PLAQUÉ # PLATED	ID	OD	S	QTE
2	21128	2.2	4.5	0.3	100
3	21129	3.2	6	0.4	100
4	21130	4.3	8	0.5	100
5	21131	5.3	10	0.6	100
6	21132	6.4	11	0.7	100
7	21133	7.4	12.5	0.8	100
8	21134	8.4	15	0.8	100
10	21135	10.5	18	0.9	100
12	21136	12.5	20.5	1.0	100
14	21137	15	24	1.1	50
16	21138	17	26	1.2	50
18	21139	19	30	1.4	50
20	21140	21	33	1.4	25
22	21141	23	36	1.5	25
24	21142	25	38	1.5	25
27	21143	28	44	1.6	25
30	21144	31	48	1.6	25

**RONDELLES DE BLOCAGE -
DENTS EXTERNES / EXTERNAL TOOTH
LOCK WASHERS**



DIN 6798A					
DIMENSION mm	# PLAQUÉ # PLATED	ID	OD	S	QTE
2	21145	2.2	4.5	0.3	100
3	21146	3.2	6	0.4	100
4	21147	4.3	8	0.5	100
5	21148	5.3	10	0.6	100
6	21149	6.4	11	0.7	100
7	21150	7.4	12.5	0.8	100
8	21151	8.4	15	0.8	100
10	25703	10.5	18	0.9	100
12	21152	12.5	20.5	1.0	100
14	21153	15	24	1.1	50
16	21154	17	26	1.2	50
18	21155	19	30	1.4	50
20	21156	21	33	1.4	25
22	21157	23	36	1.5	25
24	21158	25	38	1.5	25
27	21159	28	44	1.6	25
30	21160	31	48	1.6	25

**RONDELLES DE PARE-CHOC
FENDER WASHERS**



DIN 9021					
DIMENSION mm	# PLAQUÉ # PLATED	ID	OD	S	QTE
2.3 X 7	25800	2.5	7	0.5	100
2.5 X 8	25801	2.7	8	0.8	100
3 X 9	26001	3.2	9	0.8	100
3.5 X 11	25802	3.7	11	0.8	100
4 X 12	26002	4.3	12	1	100
4 X 15	25804	4.3	15	1.5	100
4 X 20	25805	4.3	20	1.5	100
4 X 25	25806	4.3	25	1.5	100
5 X 15	26003	4.3	15	1.2	100
5 X 20	25807	5.3	20	1.5	100
5 X 25	25808	5.3	25	1.5	100
5 X 30	25809	5.3	30	1.5	100
6 X 15	25810	6.4	15	1.5	100
6 X 18	26006	6.4	18	1.6	100
6 X 20	25811	6.4	20	1.5	100
6 X 25	25812	6.4	25	1.5	100
6 X 30	25813	6.4	30	1.5	100
7 X 22	26004	7.4	22	2	100
8 X 20	25814	8.4	20	1.5	100
8 X 24	26007	8.4	24	2	100
8 X 25	25815	8.4	25	1.5	100
8 X 30	25816	8.4	30	2	100
8 X 35	25817	8.4	35	2	100
10 X 30	25818	10.5	30	1.5	50
10 X 30	26010	10.5	30	2.5	50
10 X 35	25819	10.5	35	2	50
12 X 37	26011	13	37	3	50
14 X 44	26012	15	44	3	25
16 X 50	26013	17	50	3	25
18 X 56	26014	20	56	4	15
20 X 60	26015	22	60	4	10

RONDELLES HEICO® DISC-LOCK® WASHERS



ACIER PLAQUÉ ZINC DELTA-PROTEK®KL100 + VH302

**ASSURE UNE PROTECTION SUPÉRIEURE À 600 HEURES AU TEST DE BROUILLARD SALIN
DELTA PROTEK® ZINC COATING SAEJ-403-AISI**



DIMENSION BOULON BOLT SIZE		# PLAQUÉ ZINC # ZINC PLATED	DIA. INT. ID	DIA. EXT. OD	EPAIS- SEUR THIC- KNESS	BTE BOX vendu à la PAIRE
5MM	#10	619-M5	0.21	0.35	0.07	50
6MM	M6	619-M6	0.26	0.43	0.07	50
6MM	M6	619-M6L	0.26	0.53	0.07	50
8MM	5/16	619-M8	0.34	0.53	0.10	50
8MM	5/16	619-M8L	0.34	0.65	0.10	50
10MM	M10	619-M10	0.42	0.65	0.10	50
10MM	M10	619-M10L	0.42	0.83	0.10	50
11MM	7/16	619-716	0.45	0.73	0.10	25
12MM	M12	619-M12	0.51	0.77	0.10	25
12MM	M12	619-M12L	0.51	1.00	0.10	25
14MM	9/16	619-M14	0.60	0.91	0.13	25
14MM	9/16	619-M14L	0.60	1.21	0.13	25

DIMENSION BOULON BOLT SIZE		# PLAQUÉ ZINC # ZINC PLATED	DIA. INT. ID	DIA. EXT. OD	EPAIS- SEUR THIC- KNESS	BTE BOX vendu à la PAIRE
16MM	5/8	619-M16	0.67	1.00	0.13	25
16MM	5/8	619-M16L	0.67	1.21	0.13	25
18MM	M18	619-M18	0.77	1.14	0.13	25
18MM	M18	619-M18L	0.77	1.36	0.13	25
20MM	M20	619-M20	0.84	1.21	0.13	25
20MM	M20	619-M20L	0.84	1.54	0.13	25
22MM	7/8	619-M22	0.92	1.36	0.13	25
22MM	7/8	619-M22L	0.92	1.65	0.13	25
24MM	M24	619-M24	1.00	1.54	0.13	25
24MM	M24	619-M24L	1.00	1.90	0.13	25
30MM	M30	619-M30				25
36MM	M36	619-M36				25

RONDELLES PLATES EXTRA ROBUSTE SUPER HEAVY FLAT WASHERS

EXTRA ROBUSTE



DIN 7349					
DIMENSION mm	# PLAQUÉ # PLATED	ID	OD	TH	QTE
4	30030	4.3	12	1.6	100
6	30031	6.4	17	3	100
8	30032	8.4	21	4	100
10	30033	10.5	25	4	100
12	30034	13	30	6	100
14	30035	15	36	6	50
16	30036	17	40	6	50
20	30037	21	44	8	25
24	30038	25	50	10	25

RONDELLES PLATES NYLON NYLON FLAT WASHERS

NYLON



CODE 56300					
DIMENSION mm	# NYLON	ID	OD	TH	QTE
3	24680	3.2	7	1.4	100
4	24681	4.3	9	1.4	100
5	24682	5.03	11.5	1.4	100
6	24683	6.4	12.0	1.6	100
8	24684	8.4	17.0	2	100
10	24685	10.5	21.0	2.5	50
12	24686	13.0	24.0	2.5	50
14	24687	15.0	28.0	2.5	50
16	24688	17.0	30.0	3	25
20	24689	21.0	37.0	3	25

ANNEAU DE JOINT À NOYAU - CUIVRE FESTAPLAN* COPPER FESTAPLAN* WASHERS

DIN 7603 C

Cuivre **FESTAPLAN*** / Copper **FESTAPLAN***



ID = diamètre intérieur / Inside diameter
OD = Diamètre extérieur / Outside diameter
T = Épaisseur / Thickness

DIN 7603-C				
NUMÉRO NUMBER	ID	OD	T	BTE BOX
25604	5	9	1,5	100
25605	6	10	1,5	100
25606	8	12	1,5	100
25607	8	14	1,5	100
25608	10	14	1,5	100
25609	10	16	1,5	100
25610	12	16	2	100
25611	12	18	2	100
25612	14	18	2	100
25613	14	20	2	100
25614	16	20	2	100
25615	16	22	2	100
25616	18	22	2	100
25617	18	24	2	50
25618	20	24	2	50
25619	20	26	2	50
25620	22	27	2	50
25621	22	29	2	50
25622	24	32	2,5	25
25623	26	32	2,5	25
25624	26	34	2,5	25
25625	30	36	2,5	25
25626	30	38	2,5	25
25627	32	38	2,5	25
25628	35	41	2,5	25
25629	38	44	2,5	25
25630	40	47	2,5	25

*FESTAPLAN® = Fibres minérales de marque FESTAPLAN®,
élève la température admissible jusqu'à 180° C.

ANNEAU DE JOINT RECUIT - CUIVRE COPPER ANNEALED WASHERS

Standard

Cuivre / Copper



ID = diamètre intérieur / Inside diameter
OD = Diamètre extérieur / Outside diameter
T = Épaisseur / Thickness

STANDARD				
NUMÉRO NUMBER	ID	OD	T	BTE BOX
25570	5	10	1	100
25571	6	10	1	100
25572	7	10	1	100
25573	8	12	1	100
25574	9	14	1	100
25574A	10	14	1,5	100
25575	10	20	1,5	100
25575A	10	16	1,5	50
25577	11	17	1,5	100
25578	12	16	1	50
25579	12	16	1,5	50
25569	12	18	1,5	50
25580	12	20	1,5	50
25581	12,5	20	1,5	50
25582	13	18	2	50
25583	14	18	1	50
25584	14	18	1,5	50
25585	14	18	2	50
25586	14	20	1,5	50
25587	15	20	2	50
25588	16	21	2	50
25589	16,5	24	2	25
25590	17	24	2	25
25591	17,5	24	2	25
25592	18	24	2	25
25593	20	24	2	25
25593A	20	26	2	10
25594	22	26	2	25
25594A	22	29	1,5	25
25595	24	30	2	25
25596	26	33	2	10
25597	28	34	2	10
25598	30	38	2	10
25599	32	40	2	10
25600	35	45	2	10
25601	40	50	2	10
25602	50	60	2	10
25603	55	65	2	10

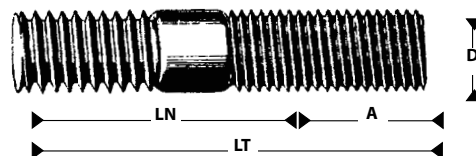
GOIJONS FILLETÉES CHAQUE BOUT CYLINDER HEAD AND MANIFOLD STUDS

DIN 939

Acier / Steel

Finis uni (noir) / Plain finish (black)

CLASSE 5.8

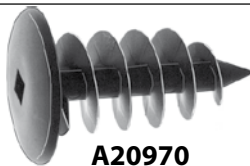
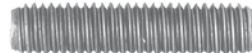
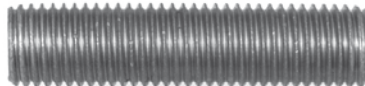
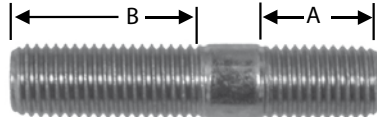


DIN 939 - RÉGULIER					
NOIR BLACK	D	LN		LT	
	Dia.	Long.	Nom.	TOTAL	
FILET RÉGULIER 6 x 1.00 / A=7.5mm					
22615	6	x	20	x	27.5
22617	6	x	25	x	32.5
22618	6	x	30	x	37.5
22619	6	x	35	x	42.5
22620	6	x	40	x	47.5
22621	6	x	45	x	52.5
22622	6	x	50	x	57.5
22623	6	x	55	x	62.5
FILET RÉGULIER 8 x 1.25 / A=10mm					
22631	8	x	20	x	32
22633	8	x	25	x	35
22634	8	x	30	x	40
22635	8	x	35	x	45
22636	8	x	40	x	50
22637	8	x	45	x	55
22638	8	x	50	x	60
22640	8	x	60	x	70
22641	8	x	65	x	75
22642	8	x	70	x	80
FILET RÉGULIER 10 x 1.50 / A=12mm					
22649	10	x	20	x	32
22650	10	x	25	x	37
22652	10	x	30	x	42
22653	10	x	35	x	47
22654	10	x	40	x	52
22655	10	x	45	x	57
22656	10	x	50	x	62
22657	10	x	55	x	67
22658	10	x	60	x	72
22659	10	x	65	x	77
22660	10	x	70	x	82

DIN 939 - RÉGULIER					
NOIR BLACK	D	LN		LT	
	Dia.	Long. Nom.		TOTAL	
FILET RÉGULIER 12 x 1.75 / A=15mm					
22669	12	x	25	x	40
22671	12	x	30	x	45
22672	12	x	35	x	50
22673	12	x	40	x	55
22674	12	x	45	x	60
22675	12	x	50	x	65
22676	12	x	55	x	70
22677	12	x	60	x	75
22679	12	x	70	x	85
22680	12	x	75	x	90
22681	12	x	80	x	95
22682	12	x	90	x	105
22683	12	x	100	x	115
FILET RÉGULIER 14 x 2.00 / A=18mm					
22691	14	x	40	x	58
22693	14	x	50	x	68
22695	14	x	60	x	78
FILET RÉGULIER 16 x 2.00 / A=20mm					
22706	16	x	35	x	55
22707	16	x	40	x	60
22708	16	x	45	x	65
22709	16	x	50	x	70
22710	16	x	55	x	75
22711	16	x	60	x	80
22712	16	x	65	x	85
22713	16	x	70	x	90
22714	16	x	75	x	95
22715	16	x	80	x	100
22716	16	x	90	x	110
22717	16	x	100	x	120

DIN 939 - RÉGULIER					
NOIR BLACK	D	LN			LT
	Dia.	Long. Nom.			TOTAL
FILET RÉGULIER 20 x 2.50 / A=25mm					
22725	20	x	40	x	65
22726	20	x	45	x	70
22727	20	x	50	x	75
22728	20	x	55	x	80
22729	20	x	60	x	85
22730	20	x	65	x	90
22731	20	x	70	x	95
22732	20	x	75	x	100
22733	20	x	80	x	105
22734	20	x	90	x	115
22735	20	x	100	x	125
22736	20	x	10	x	135
22737	20	x	120	x	145
22739	20	x	140	x	165
FILET RÉGULIER 22 x 2.50 / A=28mm					
22741	22	x	50	x	78
22743	22	x	60	x	88
22744	22	x	70	x	98
22745	22	x	80	x	108
22746	22	x	90	x	118
22747	22	x	100	x	128
FILET RÉGULIER 24 x 3.00 / A=30mm					
22748	24	x	50	x	80
22750	24	x	60	x	90
22752	24	x	75	x	105
22753	24	x	80	x	110
22754	24	x	90	x	120
22755	24	x	100	x	130
22756	24	x	120	x	150
22757	24	x	150	x	170

GOIJONS FILLETÉES CHAQUE BOUT / CYLINDER HEAD AND MANIFOLD STUDS /

 A20970 (Not Available From O.E.M.) Black Nylon M14 x 34mm Bumper and Door Insulator Nylon Screw 22mm Head O.D. No. 3 Square Drive Fits Into 12mm Hole GM, Ford & Chrysler 2005 - On UNIT PACKAGE: 25	 A16986 (14003784) Zinc M8-1.25 x 25mm Stainless Steel Capped Pan Head w/o Nuts Head Diameter: 19mm Shoulder Length: 3mm GM UNIT PACKAGE: 25	 A15310 (11503687) Phosphate M8-1.25 x 30mm Uncapped Round Head w/o Nuts Head Diameter: 17.5mm Shoulder Length: 3mm GM UNIT PACKAGE: 25	 163-107 (N14-4003) Plain M8-1.25 x 35mm Class 4.8 Volkswagen Intake Manifold UNIT PACKAGE: 25
 A17559 Zinc & Yellow Dichromate M10-1.25 x 42mm Class 8.8 Exhaust Systems Honda, Nissan & Toyota UNIT PACKAGE: 10	 4277 Zinc & Yellow Dichromate M10-1.25 x 48mm Dim. A : 15 mm Dim. B: 25mm Class 8.8 Exhaust Systems Honda, Nissan & Toyota UNIT PACKAGE: 10	 153-173 Zinc & Yellow Dichromate M12-1.25 x 50mm Class 8.8 Catalytic Converter Mazda UNIT PACKAGE: 5	

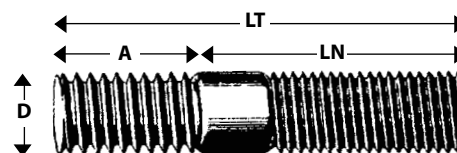
GOIJONS FILLETÉES CHAQUE BOUT / NOIR CYLINDER HEAD AND MANIFOLD STUDS / NOIR

DIN 939

Acier / Steel

Fini uni (noir) / Plain finish (black)

CLASSE 8.8



DIN 939 - RÉGULIER					
NOIR BLACK	D	LN		LT	
	Dia.	Long. Nom.		TOTAL	
FILET RÉGULIER 6 x 1.00 / A=7.5mm					
22772	6	x	20	x	27,5
22774	6	x	25	x	32,5
22775	6	x	30	x	37,5
22776	6	x	35	x	42,5
22777	6	x	40	x	47,5
22778	6	x	45	x	52,5
22779	6	x	50	x	57,5
22780	6	x	55	x	62,5
FILET RÉGULIER 8 x 1.25 / A=10mm					
22786	8	x	20	x	30
22788	8	x	25	x	35
22789	8	x	30	x	40
22790	8	x	35	x	45
22791	8	x	40	x	50
22792	8	x	45	x	55
22793	8	x	50	x	60
22795	8	x	60	x	70
22796	8	x	70	x	80
FILET RÉGULIER 10 x 1.50 / A=12mm					
22801	10	x	20	x	32
22802	10	x	25	x	37
22803	10	x	30	x	42
22804	10	x	35	x	47
22805	10	x	40	x	52
21773	10	x	45	x	57
22806	10	x	50	x	62
22807	10	x	55	x	67
22808	10	x	60	x	72
22809	10	x	65	x	77
22810	10	x	70	x	82



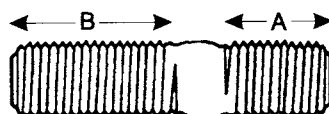
22633

(N14-443-4)
Plain

M8-1.25 x 38mm
Volkswagen Exhaust Manifold

UNIT PACKAGE: 25

DIN 939 - RÉGULIER					
NOIR BLACK	D	LN		LT	
	Dia.	Long. Nom.		TOTAL	
FILET RÉGULIER 12 x 1.75 / A=15mm					
22818	12	x	25	x	40
22819	12	x	30	x	45
22820	12	x	35	x	50
22821	12	x	40	x	55
22822	12	x	45	x	60
22823	12	x	50	x	65
22824	12	x	55	x	70
22825	12	x	60	x	75
22826	12	x	65	x	80
22827	12	x	70	x	85
22828	12	x	75	x	90
22829	12	x	80	x	95
22830	12	x	90	x	105
22831	12	x	100	x	115
FILET RÉGULIER 14 x 2.00 / A=18mm					
22880	14	x	30	x	48
22881	14	x	35	x	53
22882	14	x	40	x	58
22883	14	x	50	x	68
22884	14	x	60	x	78
FILET RÉGULIER 16 x 2.00 / A=20mm					
22834	16	x	35	x	55
22835	16	x	40	x	60
22836	16	x	45	x	65
22837	16	x	50	x	70
22838	16	x	55	x	75
22839	16	x	60	x	80
22840	16	x	65	x	85



3470

Zinc & Yellow Dichromate

M10-1.25 x 42mm
Dim. A: 10mm; Dim. B: 21mm
Class 8.8

Exhaust Systems
Honda, Nissan & Toyota

UNIT PACKAGE: 10

DIN 939 - RÉGULIER					
NOIR BLACK	D	LN		LT	
	Dia.	Long. Nom.		TOTAL	
22841	16	x	70	x	90
22842	16	x	75	x	95
22843	16	x	80	x	100
22844	16	x	90	x	110
22845	16	x	100	x	120
FILET RÉGULIER 20 x 2.50 / A=25mm					
22848	20	x	45	x	70
22849	20	x	50	x	75
22850	20	x	55	x	80
22851	20	x	60	x	85
22852	20	x	65	x	90
22853	20	x	70	x	95
22854	20	x	75	x	100
22855	20	x	80	x	105
22856	20	x	90	x	115
22857	20	x	100	x	125
22859	20	x	120	x	145
22861	20	x	140	x	165
FILET RÉGULIER 22x 2.50 / A=28mm					
22885	22	x	60	x	88
22886	22	x	70	x	98
22887	22	x	80	x	108
FILET RÉGULIER 24 x 3.00 / A=30mm					
22862	24	x	50	x	80
22863	24	x	60	x	90
22864	24	x	65	x	95
22865	24	x	70	x	100
22867	24	x	80	x	110
22868	24	x	90	x	120
22869	24	x	100	x	130
22870	24	x	120	x	150

TIGES FILLETÉES TREADED RODS

longueur 1 metre / 1 meter long



DIN 975

CLASSE 4.6 - DIN975 FILETS RÉGULIER			CLASSE 8.8 - DIN975 FILETS RÉGULIER	CLASSE 10.9 - DIN975 FILETS RÉGULIER	CLASSE 4.6 - DIN975 FILETS FIN	
DIMENSION mm	# NOIR # BLACK	# PLAQUÉ # PLATED	# NOIR # BLACK	# NOIR # BLACK	DIMENSION mm	# NOIR # BLACK
3 X 0.50	21160N	-			10 X 1.00	38001
4 X 0.70	21161N	21161P			10 X 1.25	38002
5 X 0.80	21162N	21162P	21162-8.8		12 X 1.25	38003
6 X 1.00	21163N	21163P	21163-8.8	21163-10.9	12 X 1.50	38004
8 X 1.25	21165N	21165P	21165-8.8	21165-10.9	14 X 1.50	38005
10 X 1.50	21167N	21167P	21167-8.8	21167-10.9	16 X 1.50	38006
12 X 1.75	21169N	21169P	21169-8.8	21169-10.9	18 X 1.50	38007
14 X 2.00	21170N	21170P	21170-8.8	21170-10.9	20 X 1.50	38008
16 X 2.00	21172N	21172P	21172-8.8	21172-10.9	22 X 1.50	38009
18 X 2.50	21173N	21173P	21173-8.8	21173-10.9	24 X 2.00	38010
20 X 2.50	21174N	21174P	21174-8.8	21174-10.9		
22 X 2.50	21175N	21175P		21175-10.9		
24 X 3.00	21176N	21176P	21176-8.8	21176-10.9		
27 X 3.00	21178N	21178P		21178-10.9		
30 X 3.50	21179N		21179-8.8	21179-10.9		
33 X 3.50	21180N			21180-10.9		
36 X 4.00	21181N		21181-8.8	21181-10.9		
39 X 4.00	21182N					
42 X 4.50	21183N					
48 X 5.00	21185N					
52 X 5.00	21186N					

ÉCROUS RACCORD COUPLING NUT

CLASSE 4.6 - DIN 6334 FILETS RÉGULIER			
DIMENSION mm	# NOIR # BLACK	DIMENSION mm	# NOIR # BLACK
6	21188A	20	21194
8	21188	22	21195
10	21189	24	21196
12	21190	27	21197
14	21191	30	21198
16	21192	36	21199
18	21193		



25-04-2023

VIS À TÊTE CYLINDRIQUE À 6 PANS CREUX

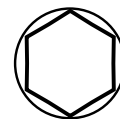
SOCKET HEAD CAP SCREWS

ISO 4762
ANSI B18.3.1M



REG

CLASSE 12.9

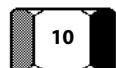


DIN 912					
Dia.	Filet/ Pas	Long	CLÉ	Métal nu BARE STEEL	BTE
mm	Pitch				Box
3	0.50	5	2.5	21560	100
3	0.50	6	2.5	21561	100
3	0.50	8	2.5	21562	100
3	0.50	10	2.5	21563	100
3	0.50	12	2.5	21564	100
3	0.50	14	2.5	21565	100
3	0.50	15	2.5	21566	100
3	0.50	16	2.5	21567	100
3	0.50	18	2.5	21568	100
3	0.50	20	2.5	21569	100
3	0.50	22	2.5	21570	100
3	0.50	25	2.5	21571	100
3	0.50	30	2.5	21572	100
3	0.50	35	2.5	21573	100
3	0.50	40	2.5	21574	100
4	0.70	6	3	21575	100
4	0.70	8	3	21576	100
4	0.70	10	3	21577	100
4	0.70	12	3	21578	100
4	0.70	14	3	21579	100
4	0.70	15	3	21580	100
4	0.70	16	3	21581	100
4	0.70	18	3	21582	100
4	0.70	20	3	21583	100
4	0.70	22	3	21584	100
4	0.70	25	3	21585	100
4	0.70	30	3	21586	100
4	0.70	35	3	21587	100
4	0.70	40	3	21588	100
4	0.70	45	3	21589	100

DIN 912					
Dia.	Filet/ Pas	Long	CLÉ	Métal nu BARE STEEL	BTE
mm	Pitch				Box
4	0.70	50	3	21590	100
4	0.70	55	3	21591	100
4	0.70	60	3	21592	100
4	0.70	70	3	21593	100
5	0.80	6	4	21594	50
5	0.80	8	4	21595	50
5	0.80	10	4	21596	50
5	0.80	12	4	21597	50
5	0.80	14	4	21598	50
5	0.80	15	4	21599	50
5	0.80	16	4	21600	50
5	0.80	18	4	21601	50
5	0.80	20	4	21602	50
5	0.80	22	4	21603	50
5	0.80	25	4	21604	50
5	0.80	30	4	21605	50
5	0.80	35	4	21606	50
5	0.80	40	4	21607	50
5	0.80	45	4	21608	50
5	0.80	50	4	21609	50
5	0.80	55	4	21610	50
5	0.80	60	4	21611	50
5	0.80	70	4	21612	50
5	0.80	80	4	21613	50
5	0.80	85	4	21614	50
5	0.80	90	4	21615	50
5	0.80	100	4	21616	50
6	1.00	10	5	21617	50
6	1.00	12	5	21618	50
6	1.00	14	5	21619	50

DIN 912					
Dia.	Filet/ Pas	Long	CLÉ	Métal nu BARE STEEL	BTE
mm	Pitch				Box
6	1.00	15	5	21620	50
6	1.00	16	5	21621	50
6	1.00	18	5	21622	50
6	1.00	20	5	21623	50
6	1.00	22	5	21624	50
6	1.00	25	5	21625	50
6	1.00	30	5	21626	50
6	1.00	35	5	21627	50
6	1.00	40	5	21628	50
6	1.00	45	5	21629	50
6	1.00	50	5	21630	50
6	1.00	55	5	21631	50
6	1.00	60	5	21632	50
6	1.00	70	5	21633	50
6	1.00	80	5	21634	50
6	1.00	85	5	21635	50
6	1.00	90	5	21636	50
6	1.00	100	5	21637	50
6	1.00	110	5	21638	50
6	1.00	120	5	21639	50
6	1.00	130	5	21640	50
6	1.00	140	5	21641	50
6	1.00	150	5	21642	50
6	1.00	160	5	21643	50
8	1.25	10	6	21644	50
8	1.25	12	6	21645	50
8	1.25	14	6	21646	50
8	1.25	15	6	21647	50
8	1.25	16	6	21648	50
8	1.25	18	6	21649	50

CLASSE 10



DIMENSION mm	ÉCROUS HEXAGONE HEXAGON NUTS DIN934		BLOCAGE NYLON NYLON LOCKNUTS DIN985		ÉCROUS CHANFREINÉS STOVER LOCKNUTS EN V		RONDELLES PLATES REG. REG. FLAT WASHER			RONDELLES RESSORTS POUR VIS TÊTE CYLINDRIQUE	
	# NOIR	BTE	# PLAQUÉ	BTE	# PLAQUÉ	BTE	# PLAQUÉ	# NOIR	BTE	# NOIR	BTE
3 X 0.50	21002N (CLASSE 8)	100	23159 (CLASSE 8)	100	-		-	-		23294	100
4 X 0.70	21004N (CLASSE 8)	100	23160 (CLASSE 8)	100	24409 (CLASSE 8)	100	-	-		23296	100
5 X 0.80	29938	100	23161	100	24410 (CLASSE 8)	100	-	-		23297	100
6 x 1.00	29940	100	30762	100	30500	100	21086P	21086N	100	23298	100
8 x 1.25	29941	50	30763	50	30502	50	21087P	21087N	100	23301	100

25-04-2023

VIS À TÊTE CYLINDRIQUE À 6 PANS CREUX

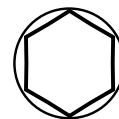
SOCKET HEAD CAP SCREWS

ISO 4762
ANSI B18.3.1M



REG

CLASSE 12.9



DIN 912					
Dia.	Filet/ Pas	Long	CLE	Métal nu BARE STEEL	BTE
mm	Pitch				Box
8	1.25	20	6	21650	50
8	1.25	22	6	21651	50
8	1.25	25	6	21652	50
8	1.25	30	6	21653	50
8	1.25	35	6	21654	50
8	1.25	40	6	21655	50
8	1.25	45	6	21656	50
8	1.25	50	6	21657	50
8	1.25	55	6	21658	50
8	1.25	60	6	21659	50
8	1.25	70	6	21660	50
8	1.25	80	6	21661	25
8	1.25	85	6	21662	25
8	1.25	90	6	21663	25
8	1.25	100	6	21664	25
8	1.25	110	6	21665	25
8	1.25	120	6	21666	25
8	1.25	130	6	21667	25
8	1.25	140	6	21668	25
8	1.25	150	6	21669	25
8	1.25	160	6	21670	1
8	1.25	170	6	21671	1
8	1.25	180	6	21672	1
10	1.50	10	8	21673	50
10	1.50	12	8	21771	50
10	1.50	14	8	21674	50
10	1.50	15	8	21675	50
10	1.50	16	8	21676	50
10	1.50	18	8	21677	50
10	1.50	20	8	21678	50
10	1.50	22	8	21679	50

DIN 912					
Dia.	Filet/ Pas	Long	CLE	Métal nu BARE STEEL	BTE
mm	Pitch				Box
10	1.50	25	8	21680	50
10	1.50	30	8	21681	50
10	1.50	35	8	21682	50
10	1.50	40	8	21683	50
10	1.50	45	8	21684	50
10	1.50	50	8	21685	50
10	1.50	55	8	21687	50
10	1.50	60	8	21688	50
10	1.50	70	8	21689	50
10	1.50	80	8	21690	25
10	1.50	85	8	21691	25
10	1.50	90	8	21692	25
10	1.50	100	8	21693	25
10	1.50	110	8	21694	25
10	1.50	120	8	21695	25
10	1.50	130	8	21696	25
10	1.50	140	8	21697	25
10	1.50	150	8	21698	25
10	1.50	160	8	21699	1
10	1.50	170	8	21700	1
10	1.50	180	8	21701	1
10	1.50	200	8	21703	1
10	1.50	220	8	21704	1
12	1.75	20	10	21720	25
12	1.75	22	10	21721	25
12	1.75	25	10	21722	25
12	1.75	30	10	21723	25
12	1.75	35	10	21724	25
12	1.75	40	10	21725	25
12	1.75	45	10	21726	25
12	1.75	50	10	21727	25

DIN 912					
Dia.	Filet/ Pas	Long	CLE	Métal nu BARE STEEL	BTE
mm	Pitch				Box
12	1.75	55	10	21728	25
12	1.75	60	10	21729	25
12	1.75	70	10	21730	25
12	1.75	80	10	21731	25
12	1.75	85	10	21732	25
12	1.75	90	10	21733	25
12	1.75	100	10	21734	25
12	1.75	110	10	21735	25
12	1.75	120	10	21736	10
12	1.75	130	10	21737	10
12	1.75	140	10	21738	10
12	1.75	150	10	21739	10
12	1.75	160	10	21740	1
12	1.75	170	10	21741	1
12	1.75	180	10	21742	1
12	1.75	190	10	21743	1
14	2.00	25	12	21744	25
14	2.00	30	12	21745	25
14	2.00	35	12	21746	25
14	2.00	40	12	21747	25
14	2.00	45	12	21748	25
14	2.00	50	12	21749	25
14	2.00	55	12	21750	25
14	2.00	60	12	21751	25
14	2.00	70	12	21752	25
14	2.00	80	12	21753	25
14	2.00	85	12	21754	25
14	2.00	90	12	21755	25
14	2.00	100	12	21756	25
14	2.00	110	12	21757	25
14	2.00	120	12	21758	10

CLASSE 10



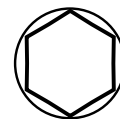
DIMENSION mm	ÉCROUS HEXAGONE HEXAGON NUTS DIN934		BLOCAGE NYLON NYLON LOCKNUTS DIN985		ÉCROUS CHANFREINÉS STOVER LOCKNUTS ENV		RONDELLES PLATES REG. REG. FLAT WASHER			RONDELLES RESSORTS POUR VIS TÊTE CYLINDRIQUE	
	# NOIR	BTE	# PLAQUÉ	BTE	# PLAQUÉ	BTE	# PLAQUÉ	# NOIR	BTE	# NOIR	BTE
8 x 1.25	29941	50	30763	50	30502	50	21087P	21087N	100	23301	100
10 x 1.50	29942	50	30764	50	30538	50	21088P	21088N	100	23302	100
12 x 1.75	29944	25	30765	25	30503	25	21089P	21089N	100	23303	100
14 x 2.00	29945	25	30765A	25	30504	25	21090P	21090N	50	23304	50

VIS À TÊTE CYLINDRIQUE À 6 PANS CREUX
SOCKET HEAD CAP SCREWS

ISO 4762
ANSI B18.3.1M



REG
CLASSE 12.9



DIN 912					
Dia.	Filet/ Pas	Long	CLE	Métal nu BARE STEEL	BTE
mm	Pitch				Box
14	2.00	130	12	21759	10
14	2.00	140	12	21760	10
14	2.00	150	12	21761	10
14	2.00	160	12	21762	1
14	2.00	170	12	21763	1
14	2.00	180	12	21764	1
14	2.00	190	12	21765	1
14	2.00	200	12	21766	1
14	2.00	220	12	21767	1
14	2.00	240	12	21768	1
14	2.00	260	12	21769	1
14	2.00	280	12	21770	1
16	2.00	25	14	21780	25
16	2.00	30	14	21781	25
16	2.00	35	14	21782	25
16	2.00	40	14	21783	25
16	2.00	45	14	21784	25
16	2.00	50	14	21785	25
16	2.00	55	14	21786	25
16	2.00	60	14	21787	25
16	2.00	65	14	21788	25
16	2.00	70	14	21789	25
16	2.00	75	14	21790	
16	2.00	80	14	21791	25
16	2.00	85	14	21792	25
16	2.00	90	14	21793	25
16	2.00	100	14	21794	25
16	2.00	110	14	21795	10
16	2.00	120	14	21796	10
16	2.00	130	14	21797	10
16	2.00	140	14	21798	10

DIN 912					
Dia.	Filet/ Pas	Long	CLE	Métal nu BARE STEEL	BTE
mm	Pitch				Box
16	2.00	150	14	21799	10
16	2.00	160	14	21800	1
16	2.00	170	14	21801	1
16	2.00	180	14	21802	1
16	2.00	200	14	21803	1
16	2.00	220	14	21804	1
16	2.00	240	14	21805	1
16	2.00	260	14	21806	1
16	2.00	280	14	21807	1
16	2.00	300	14	21808	1
18	2.50	25	14	21809	25
18	2.50	30	14	21810	25
18	2.50	35	14	21811	25
18	2.50	40	14	21812	25
18	2.50	45	14	21813	25
18	2.50	50	14	21814	25
18	2.50	55	14	21815	25
18	2.50	60	14	21816	25
18	2.50	65	14	21817	25
18	2.50	70	14	21818	25
18	2.50	75	14	21819	
18	2.50	80	14	21820	25
18	2.50	85	14	21821	25
18	2.50	90	14	21822	25
18	2.50	100	14	21823	25
18	2.50	110	14	21824	25
18	2.50	120	14	21825	10
18	2.50	130	14	21826	10
18	2.50	140	14	21827	10
18	2.50	150	14	21828	10
18	2.50	160	14	21829	1

DIN 912					
Dia.	Filet/ Pas	Long	CLE	Métal nu BARE STEEL	BTE
mm	Pitch				Box
18	2.50	170	14	21830	1
18	2.50	180	14	21831	1
18	2.50	200	14	21832	1
18	2.50	220	14	21833	1
18	2.50	240	14	21834	1
18	2.50	260	14	21835	1
18	2.50	280	14	21836	1
20	2.50	25	17	21837	10
20	2.50	30	17	21838	10
20	2.50	35	17	21839	10
20	2.50	40	17	21840	10
20	2.50	45	17	21841	10
20	2.50	50	17	21842	10
20	2.50	55	17	21843	10
20	2.50	60	17	21844	10
20	2.50	65	17	21845	10
20	2.50	70	17	21846	10
20	2.50	75	17	21847	10
20	2.50	80	17	21848	10
20	2.50	85	17	21849	10
20	2.50	90	17	21850	10
20	2.50	100	17	21851	10
20	2.50	110	17	21852	10
20	2.50	120	17	21853	10
20	2.50	130	17	21854	10
20	2.50	140	17	21855	10
20	2.50	150	17	21856	10
20	2.50	160	17	21857	1
20	2.50	170	17	21858	1
20	2.50	180	17	21859	1
20	2.50	200	17	21860	1

CLASSE 10



DIMENSION mm	ÉCROUS HEXAGONE HEXAGON NUTS DIN934		BLOCAGE NYLON NYLON LOCKNUTS DIN985		ÉCROUS CHANFREINÉS STOVER LOCKNUTS ENV		RONDELLES PLATES REG. REG. FLAT WASHER			RONDELLES RESSORTS POUR VIS TÊTE CYLINDRIQUE DIN 7980 HIGH COLLAR LOCK WASHER	
	# NOIR	BTE	# PLAQUÉ	BTE	# PLAQUÉ	BTE	# PLAQUÉ	# NOIR	BTE	# NOIR	BTE
14 x 2.00	29945	25	30765A	25	30504	25	21090P	21090N	50	23304	50
16 x 2.00	29946	10	30766	10	30505	10	21091P	21091N	50	23305	50
18 x 2.50	29947	10	30766A	10	30509	10	21092P	21092N	50	23306	25
20 x 2.50	32108	10	30767	10	30506	10	21093P	21093N	25	23307	25

25-04-2023

VIS À TÊTE CYLINDRIQUE À 6 PANS CREUX

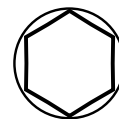
SOCKET HEAD CAP SCREWS

ISO 4762
ANSI B18.3.1M



REG

CLASSE 12.9

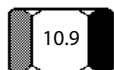


DIN 912					
Dia.	Filet/ Pas	Long	CLE	Métal nu BARE STEEL	BTE
mm	Pitch				Box
20	2.50	220	17	21861	1
20	2.50	240	17	21862	1
20	2.50	260	17	21863	1
20	2.50	280	17	21864	1
20	2.50	300	17	21865	1
22	2.50	25	17	21866	10
22	2.50	30	17	21867	10
22	2.50	35	17	21868	10
22	2.50	40	17	21869	10
22	2.50	45	17	21870	10
22	2.50	50	17	21871	10
22	2.50	55	17	21872	10
22	2.50	60	17	21873	10
22	2.50	65	17	21874	10
22	2.50	70	17	21875	10
22	2.50	80	17	21876	10
22	2.50	85	17	21877	10
22	2.50	90	17	21878	10
22	2.50	100	17	21879	10
22	2.50	110	17	21880	10
22	2.50	120	17	21881	10
22	2.50	130	17	21882	10
22	2.50	140	17	21883	10
22	2.50	150	17	21884	10
22	2.50	160	17	21885	1
22	2.50	170	17	21886	1
22	2.50	180	17	21887	1
22	2.50	190	17	21888	1
22	2.50	200	17	21889	1
22	2.50	220	17	21890	1
22	2.50	240	17	21891	1

DIN 912					
Dia.	Filet/ Pas	Long	CLE	Métal nu BARE STEEL	BTE
mm	Pitch				Box
22	2.50	260	17	21892	1
22	2.50	280	17	21893	1
22	2.50	300	17	21894	1
24	3.00	25	19	21895	10
24	3.00	30	19	21896	10
24	3.00	35	19	21897	10
24	3.00	40	19	21898	10
24	3.00	45	19	21899	10
24	3.00	50	19	21900	10
24	3.00	55	19	21901	10
24	3.00	60	19	21902	10
24	3.00	65	19	21903	10
24	3.00	75	19	21904	10
24	3.00	70	19	21905	10
24	3.00	80	19	21906	10
24	3.00	85	19	21907	10
24	3.00	90	19	21908	10
24	3.00	100	19	21909	10
24	3.00	110	19	21910	10
24	3.00	120	19	21911	10
24	3.00	130	19	21912	10
24	3.00	140	19	21913	10
24	3.00	150	19	21914	10
24	3.00	160	19	21915	1
24	3.00	170	19	21916	1
24	3.00	180	19	21917	1
24	3.00	200	19	21918	1
24	3.00	220	19	21919	1
24	3.00	240	19	21920	1
24	3.00	260	19	21921	1
24	3.00	280	19	21922	1

DIN 912					
Dia.	Filet/ Pas	Long	CLE	Métal nu BARE STEEL	BTE
mm	Pitch				Box
24	3.00	300	19	21772	1
27	3.00	25	19	21923	1
27	3.00	30	19	21924	1
27	3.00	35	19	21925	1
27	3.00	40	19	21926	1
27	3.00	45	19	21927	1
27	3.00	50	19	21928	1
27	3.00	55	19	21929	1
27	3.00	60	19	21930	1
27	3.00	65	19	21931	1
27	3.00	70	19	21932	1
27	3.00	75	19	21933	1
27	3.00	80	19	21934	1
27	3.00	85	19	21935	1
27	3.00	90	19	21936	1
27	3.00	100	19	21937	1
27	3.00	110	19	21938	1
27	3.00	120	19	21939	1
27	3.00	130	19	21940	1
27	3.00	140	19	21941	1
27	3.00	150	19	21942	1
27	3.00	160	19	21943	1
27	3.00	170	19	21944	1
27	3.00	180	19	21945	1
27	3.00	200	19	21946	1
27	3.00	220	19	21947	1
27	3.00	240	19	21948	1
27	3.00	260	19	21949	1
27	3.00	280	19	21950	1
27	3.00	300	19	21951	1

CLASSE 10



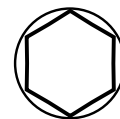
DIMENSION mm	ÉCROUS HEXAGONE HEXAGON NUTS DIN934		BLOCAGE NYLON NYLON LOCKNUTS DIN985		ÉCROUS CHANFREINÉS STOVER LOCKNUTS ENV		RONDELLES PLATES REG. REG. FLAT WASHER			RONDELLES RESSORTS POUR VIS TÊTE CYLINDRIQUE DIN 7980 HIGH COLLAR LOCK WASHER	
	# NOIR	BTE	# PLAQUÉ	BTE	# PLAQUÉ	BTE	# PLAQUÉ	# NOIR	BTE	# NOIR	BTE
20 x 2.50	32108	10	30767	10	30506	10	21093P	21093N	25	23307	25
22 x 2.50	29948	10	30767A	10	30564	10	21094P	21094N	25	23308	25
24 x 3.00	29949	5	30768	5	30507	5	21095P	21095N	25	23309	25
27 x 3.00	32112	5	-	5	-	5	21096P	21096N	25	23310	25

VIS À TÊTE CYLINDRIQUE À 6 PANS CREUX
SOCKET HEAD CAP SCREWS

ISO 4762
ANSI B18.3.1M



REG
CLASSE 12.9



DIN 912					
Dia.	Filet/ Pas	Long	CLÉ	Métal nu BARE STEEL	BTE
mm	Pitch				Box
30	3.50	25	22	21952	1
30	3.50	30	22	21953	1
30	3.50	35	22	21954	1
30	3.50	40	22	21955	1
30	3.50	45	22	21956	1
30	3.50	50	22	21957	1
30	3.50	55	22	21958	1
30	3.50	60	22	21959	1
30	3.50	65	22	21960	1
30	3.50	70	22	21961	1
30	3.50	75	22	21962	1
30	3.50	80	22	21963	1
30	3.50	85	22	21964	1
30	3.50	90	22	21965	1
30	3.50	100	22	21966	1
30	3.50	110	22	21967	1
30	3.50	120	22	21968	1
30	3.50	130	22	21969	1
30	3.50	140	22	21970	1
30	3.50	150	22	21971	1
30	3.50	160	22	21972	1
30	3.50	170	22	21973	1
30	3.50	180	22	21974	1
30	3.50	200	22	21975	1
30	3.50	220	22	21976	1
30	3.50	240	22	21977	1
30	3.50	260	22	21978	1
30	3.50	280	22	21979	1
30	3.50	300	22	21980	1

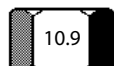
DIN 912					
Dia.	Filet/ Pas	Long	CLÉ	Métal nu BARE STEEL	BTE
mm	Pitch				Box
33	3.50	100	24	21981	1
33	3.50	110	24	21982	1
33	3.50	120	24	21983	1
33	3.50	130	24	21984	1
33	3.50	140	24	21985	1
33	3.50	150	24	21986	1
33	3.50	160	24	21987	1
33	3.50	170	24	21988	1
33	3.50	180	24	21989	1
33	3.50	200	24	21990	1
33	3.50	220	24	21991	1
33	3.50	240	24	21992	1
33	3.50	260	24	21993	1
33	3.50	280	24	21994	1
33	3.50	300	24	21995	1

DIN 912					
Dia.	Filet/ Pas	Long	CLÉ	Métal nu BARE STEEL	BTE
mm	Pitch				Box
36	4.00	100	27	21996	1
36	4.00	110	27	21997	1
36	4.00	120	27	21998	1
36	4.00	130	27	21999	1
36	4.00	140	27	22000	1
36	4.00	150	27	22001	1
36	4.00	160	27	22002	1
36	4.00	170	27	22003	1
36	4.00	180	27	22004	1
36	4.00	200	27	22005	1
36	4.00	220	27	22006	1
36	4.00	240	27	22007	1
36	4.00	260	27	22008	1
36	4.00	280	27	22009	1
36	4.00	300	27	22010	1

Mechanical Properties

Property Class	12.9
Hardness (HRC)	39-44
Tensile Strength (Mpa)	1,220 min.
Yield Strength at 0.2% Offset (Mpa)	1,100 min.
Elongation (%)	8 min.

CLASSE 10



DIMENSION mm	ÉCROUS HEXAGONE HEXAGON NUTS DIN934		BLOCAGE NYLON NYLON LOCKNUTS DIN985		ÉCROUS CHANFREINÉS STOYER LOCKNUTS EN V		RONDELLES PLATES REG. REG. FLAT WASHER			RONDELLES RESSORTS POUR VIS TÊTE CYLINDRIQUE DIN 7980 HIGH COLLAR LOCK WASHER	
	# NOIR	BTE	# PLAQUÉ	BTE	# PLAQUÉ	BTE	# PLAQUÉ	# NOIR	BTE	# NOIR	BTE
30 x 3.50	29950	5	30769	5	30508	5	21097P	21097N	5	23311	5
33 x 3.50	29951	1	-	1	-	1	21098P	21098N	5	-	5
36 x 4.00	29953	1	30770	1	-		21099P	21099N	5	23312	5

25-04-2023

VIS À TÊTE BOUTON À 6 PANS CREUX
BUTTON HEAD SOCKET CAP SCREWS

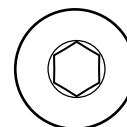
ISO 7380

Acier nu / Bare Steel

Filet régulier / Regular Pitch



REG
CLASSE 10.9

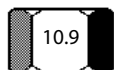


ISO 7380					
Dia.	Filet/ Pas	Long	CLÉ	Métal nu BARE STEEL	BTE
mm	Pitch				Box
5	0.80	10	3	22190	50
5	0.80	12	3	22191	50
5	0.80	14	3	22192	50
5	0.80	16	3	22193	50
5	0.80	18	3	22194	50
5	0.80	20	3	22195	50
5	0.80	25	3	22196	50
5	0.80	30	3	22197	50
6	1.00	10	4	22198	50
6	1.00	12	4	22199	50
6	1.00	14	4	22201	50
6	1.00	16	4	22202	50
6	1.00	18	4	22203	50
6	1.00	20	4	22204	50
6	1.00	25	4	22205	50
6	1.00	30	4	22206	50

ISO 7380					
Dia.	Filet/ Pas	Long	CLÉ	Métal nu BARE STEEL	BTE
mm	Pitch				Box
6	1.00	35	4	22207	50
6	1.00	40	4	22208	50
8	1.25	10	5	22209	50
8	1.25	12	5	22210	50
8	1.25	14	5	22211	50
8	1.25	16	5	22212	50
8	1.25	18	5	22213	50
8	1.25	20	5	22214	50
8	1.25	25	5	22215	50
8	1.25	30	5	22216	50
8	1.25	35	5	22217	50
8	1.25	40	5	22218	50
8	1.25	45	5	22219	50
8	1.25	50	5	22220	50
10	1.50	14	6	22221	50
10	1.50	16	6	22222	50

ISO 7380					
Dia.	Filet/ Pas	Long	CLÉ	Métal nu BARE STEEL	BTE
mm	Pitch				Box
10	1.50	18	6	22223	50
10	1.50	20	6	22224	50
10	1.50	25	6	22225	50
10	1.50	30	6	22226	50
10	1.50	35	6	22227	50
10	1.50	40	6	22228	50
10	1.50	45	6	22229	50
10	1.50	50	6	22230	50
12	1.75	20	8	22231	25
12	1.75	25	8	22232	25
12	1.75	30	8	22233	25
12	1.75	35	8	22234	25
12	1.75	40	8	22235	25
12	1.75	45	8	22236	25
12	1.75	50	8	22237	25

10.9
REG



DIMENSION mm	ÉCROUS HEXAGONE HEXAGON NUTS DIN934		BLOCAGE NYLON NYLON LOCKNUTS DIN985		ÉCROUS CHANFREINÉS STOVER LOCKNUTS ENV		RONDELLES PLATES REG. REG. FLAT WASHER			RONDELLES RESSORTS POUR VIS TÊTE CYLINDRIQUE DIN 7980 HIGH COLLAR LOCK WASHER	
	# NOIR	BTE	# PLAQUÉ	BTE	# PLAQUÉ	BTE	# PLAQUÉ	# NOIR	BTE	# NOIR	BTE
5 X 0.80	29938		23161	100						23297	100
6 x 1.00	29940	100	30762	100	30500	100	21086P	21086N	100	23298	100
8 x 1.25	29941	50	30763	50	30502	50	21087P	21087N	100	23301	100
10 x 1.50	29942	50	30764	50	30538	50	21088P	21088N	100	23302	100
12 x 1.75	29944	25	30765	25	30503	25	21089P	21089N	100	23303	100

25-04-2023

VIS DE PRESSION À TÊTE CARRÉE SQUARE HEAD SET SCREWS

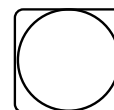
B040 - 479-8.8

Acier nu / Bare Steel

Filet régulier / Regular Pitch



REG
CLASSE 8.8



DIN 479					
Dia.	Filet/ Pas	Long	CLÉ	Métal nu BARE STEEL	BTE
mm	Pitch				Box
5	0.80	8	5	22491	50
5	0.80	10	5	22492	50
5	0.80	12	5	22493	50
5	0.80	16	5	22494	50
5	0.80	20	5	22495	50
5	0.80	25	5	22496	50
5	0.80	30	5	22497	50
5	0.80	35	5	22498	50
5	0.80	40	5	22499	50
6	1.00	8	6	22500	50
6	1.00	10	6	22501	50
6	1.00	12	6	22502	50
6	1.00	16	6	22503	50
6	1.00	20	6	22504	50
6	1.00	25	6	22505	50
6	1.00	30	6	22506	50
6	1.00	35	6	22507	50
6	1.00	40	6	22508	50
6	1.00	45	6	22509	50
6	1.00	50	6	22510	50
6	1.00	60	6	22511	50
8	1.25	10	8	22512	50
8	1.25	12	8	22513	50
8	1.25	16	8	22514	50
8	1.25	20	8	22515	50
8	1.25	25	8	22516	50
8	1.25	30	8	22517	50
8	1.25	35	8	22518	50
8	1.25	40	8	22519	50
8	1.25	45	8	22520	50
8	1.25	50	8	22521	50

DIN 479					
Dia.	Filet/ Pas	Long	CLÉ	Métal nu BARE STEEL	BTE
mm	Pitch				Box
8	1.25	60	8	22522	50
8	1.25	70	8	22523	50
8	1.25	80	8	22524	50
8	1.25	90	8	22525	50
8	1.25	100	8	22526	50
8	1.25	120	8	22527	50
10	1.50	16	10	22528	50
10	1.50	20	10	22529	50
10	1.50	25	10	22530	50
10	1.50	30	10	22531	50
10	1.50	35	10	22532	50
10	1.50	40	10	22533	50
10	1.50	45	10	22534	50
10	1.50	50	10	22535	50
10	1.50	60	10	22536	50
10	1.50	70	10	22537	50
10	1.50	80	10	22538	50
10	1.50	90	10	22539	50
10	1.50	100	10	22540	50
10	1.50	120	10	22541	50
10	1.50	140	10	22542	50
12	1.75	20	12	22543	25
12	1.75	25	12	22544	25
12	1.75	30	12	22545	25
12	1.75	35	12	22546	25
12	1.75	40	12	22547	25
12	1.75	45	12	22548	25
12	1.75	50	12	22549	25
12	1.75	60	12	22550	25
12	1.75	70	12	22551	25
12	1.75	80	12	22552	25

DIN 479					
Dia.	Filet/ Pas	Long	CLÉ	Métal nu BARE STEEL	BTE
mm	Pitch				Box
12	1.75	90	12	22553	25
12	1.75	100	12	22554	25
12	1.75	120	12	22555	25
12	1.75	140	12	22556	25
16	2.00	40	17	22557	25
16	2.00	45	17	22558	25
16	2.00	50	17	22559	25
16	2.00	60	17	22560	25
16	2.00	70	17	22561	25
16	2.00	80	17	22562	25
16	2.00	90	17	22563	25
16	2.00	100	17	22564	25
16	2.00	120	17	22565	25
16	2.00	140	17	22566	25
20	2.50	40	22	22568	10
20	2.50	45	22	22569	10
20	2.50	50	22	22570	10
20	2.50	60	22	22571	10
20	2.50	70	22	22572	10
20	2.50	80	22	22573	10
20	2.50	90	22	22574	10
20	2.50	100	22	22575	10
20	2.50	120	22	22576	10
20	2.50	140	22	22577	10
24	3.00	60	24	22579	10
24	3.00	70	24	22580	10
24	3.00	80	24	22581	10
24	3.00	90	24	22582	10
24	3.00	100	24	22583	10
24	3.00	120	24	22584	10
24	3.00	140	24	22585	10

VIS À TÊTE PLATE À 6 PANS CREUX

FLAT HEAD SOCKET CAP SCREWS

ISO 10642

Acier nu / Bare Steel

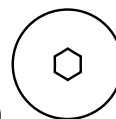
Filet régulier / Regular Pitch

Mechanical Properties		
Property Class	10.9	
Hardness (HRC)	32-39	
Tensile Strength (Mpa)	835 min.	



REG

CLASSE 10.9



DIN 7991					
Dia.	Filet/ Pas	Long	CLF	Métal nu BARE STEEL	BTE
mm	Pitch				Box
3	0.50	6	2	22050	100
3	0.50	8	2	22051	100
3	0.50	10	2	22052	100
3	0.50	12	2	22053	100
3	0.50	14	2	22054	100
3	0.50	15	2	22055	100
3	0.50	16	2	22056	100
3	0.50	18	2	22057	100
3	0.50	20	2	22058	100
3	0.50	22	2	22059	100
3	0.50	25	2	22060	100
3	0.50	30	2	22061	100
3	0.50	35	2	22062	100
3	0.50	40	2	22063	100
3	0.50	45	2	22064	100
3	0.50	50	2	22065	100
4	0.70	6	2.5	22066	100
4	0.70	8	2.5	22067	100
4	0.70	10	2.5	22068	100
4	0.70	12	2.5	22069	100
4	0.70	14	2.5	22070	100
4	0.70	15	2.5	22071	100
4	0.70	16	2.5	22072	100
4	0.70	18	2.5	22073	100
4	0.70	20	2.5	22074	100
4	0.70	22	2.5	22075	100
4	0.70	25	2.5	22076	100
4	0.70	30	2.5	22077	100
4	0.70	35	2.5	22078	100
4	0.70	40	2.5	22079	100
4	0.70	45	2.5	22080	100
5	0.80	8	3	22081	50
5	0.80	10	3	22082	50
5	0.80	12	3	22083	50
5	0.80	14	3	22084	50
5	0.80	15	3	22085	50
5	0.80	16	3	22086	50

DIN 7991					
Dia.	Filet/ Pas	Long	CLF	Métal nu BARE STEEL	BTE
mm	Pitch				Box
5	0.80	18	3	22087	50
5	0.80	20	3	22088	50
5	0.80	22	3	22089	50
5	0.80	25	3	22090	50
5	0.80	30	3	22091	50
5	0.80	35	3	22092	50
5	0.80	40	3	22093	50
5	0.80	45	3	22094	50
5	0.80	50	3	22095	50
6	1.00	8	4	22096	50
6	1.00	10	4	22097	50
6	1.00	12	4	22098	50
6	1.00	14	4	22099	50
6	1.00	15	4	22100	50
6	1.00	16	4	22101	50
6	1.00	18	4	22102	50
6	1.00	20	4	22103	50
6	1.00	22	4	22104	50
6	1.00	25	4	22105	50
6	1.00	30	4	22106	50
6	1.00	35	4	22107	50
6	1.00	40	4	22108	50
6	1.00	45	4	22109	50
6	1.00	50	4	22110	50
6	1.00	55	4	22111	50
6	1.00	60	4	22112	50
8	1.25	12	5	22113	50
8	1.25	14	5	22114	50
8	1.25	15	5	22115	50
8	1.25	16	5	22116	50
8	1.25	18	5	22117	50
8	1.25	20	5	22118	50
8	1.25	22	5	22119	50
8	1.25	25	5	22120	50
8	1.25	30	5	22121	50
8	1.25	35	5	22122	50
8	1.25	40	5	22123	50

DIN 7991					
Dia.	Filet/ Pas	Long	CLF	Métal nu BARE STEEL	BTE
mm	Pitch				Box
8	1.25	45	5	22124	50
8	1.25	50	5	22125	50
8	1.25	55	5	22126	50
8	1.25	60	5	22127	50
8	1.25	70	5	22128	50
10	1.50	16	6	22129	50
10	1.50	18	6	22130	50
10	1.50	20	6	22131	50
10	1.50	22	6	22132	50
10	1.50	25	6	22133	50
10	1.50	30	6	22134	50
10	1.50	35	6	22135	50
10	1.50	40	6	22136	50
10	1.50	45	6	22137	50
10	1.50	50	6	22138	50
10	1.50	55	6	22139	50
10	1.50	60	6	22140	50
10	1.50	70	6	22141	50
10	1.50	80	6	22142	50
12	1.75	20	8	22143	25
12	1.75	22	8	22144	25
12	1.75	25	8	22145	25
12	1.75	30	8	22146	25
12	1.75	35	8	22147	25
12	1.75	40	8	22148	25
12	1.75	45	8	22149	25
12	1.75	50	8	22150	25
12	1.75	55	8	22151	25
12	1.75	60	8	22152	25
12	1.75	70	8	22153	25
12	1.75	80	8	22154	25
12	1.75	90	8	22155	25
12	1.75	100	8	22156	25
12	1.75	110	8	22157	25
12	1.75	120	8	22158	25
14	2.00	25	10	22159	25
14	2.00	30	10	22160	25

VIS À TÊTE PLATE À 6 PANS CREUX FLAT HEAD SOCKET CAP SCREWS

ISO 10642

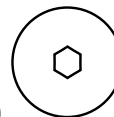
Acier nu / Bare Steel

Filet régulier / Regular Pitch

Mechanical Properties	
Property Class	10.9
Hardness (HRC)	32-39
Tensile Strength (Mpa)	835 min.



REG
CLASSE 10.9



DIN 7991					
Dia.	Filet/ Pas	Long	CLÉ	Métal nu BARE STEEL	BTE
mm	Pitch				Box
14	2.00	35	10	22161	25
14	2.00	40	10	22162	25
14	2.00	45	10	22163	25
14	2.00	50	10	22164	25
14	2.00	55	10	22165	25
14	2.00	60	10	22166	25
14	2.00	70	10	22167	25
14	2.00	80	10	22168	25
14	2.00	90	10	22169	25
14	2.00	100	10	22170	25
14	2.00	110	10	22171	25
14	2.00	120	10	22172	25
16	2.00	30	10	30050	
16	2.00	35	10	30051	
16	2.00	40	10	30052	
16	2.00	45	10	30053	
16	2.00	50	10	30054	

DIN 7991					
Dia.	Filet/ Pas	Long	CLÉ	Métal nu BARE STEEL	BTE
mm	Pitch				Box
16	2.00	55	10	30055	
16	2.00	60	10	30056	
16	2.00	70	10	30057	
16	2.00	80	10	30058	
16	2.00	90	10	30059	
16	2.00	100	10	30060	
16	2.00	120	10	30061	
16	2.00	140	10	30062	
18	2.50	50	10	30063	
18	2.50	60	10	30064	
18	2.50	80	10	30065	
18	2.50	90	10	30066	
18	2.50	100	10	30067	
20	2.50	35	12	30068	
20	2.50	40	12	30069	
20	2.50	45	12	30070	

DIN 7991					
Dia.	Filet/ Pas	Long	CLÉ	Métal nu BARE STEEL	BTE
mm	Pitch				Box
20	2.50	50	12	30071	
20	2.50	55	12	30072	
20	2.50	60	12	30073	
20	2.50	70	12	30074	
20	2.50	80	12	30075	
20	2.50	90	12	30076	
20	2.50	100	12	30077	
20	2.50	110	12	30078	
20	2.50	120	12	30079	
20	2.50	140	12	30080	
24	3.00	70	14	30081	
24	3.00	80	14	30082	
24	3.00	90	14	30083	
24	3.00	100	14	30084	
24	3.00	110	14	30085	
24	3.00	120	14	30086	

VIS SANS TÊTE À 6 PANS CREUX - BOUT CUVETTE

SOCKET SET SCREWS - CUP POINT

ISO 4029

ANSI B18.3.6M

Acier nu / Bare Steel

Filet régulier / Regular Pitch



REG

CLASSE 14.9



DIN 916					
Dia.	Filet/ Pas	Long	Clé	Métal nu BARE STEEL	BTE
mm	Pitch				Box
3	0.50	3	1.5	22240	100
3	0.50	4	1.5	22241	100
3	0.50	5	1.5	22242	100
3	0.50	6	1.5	22243	100
3	0.50	8	1.5	22244	100
3	0.50	10	1.5	22245	100
3	0.50	12	1.5	22246	100
3	0.50	14	1.5	22247	100
3	0.50	15	1.5	22248	100
3	0.50	16	1.5	22249	100
3	0.50	18	1.5	22250	100
3	0.50	20	1.5	22251	100
3	0.50	25	1.5	22252	100
3	0.50	30	1.5	22253	100
3	0.50	35	1.5	22254	100
3	0.50	40	1.5	22255	100
3	0.50	45	1.5	22256	100
3	0.50	50	1.5	22257	100
4	0.70	4	2	22258	100
4	0.70	5	2	22259	100
4	0.70	6	2	22260	100
4	0.70	8	2	22261	100
4	0.70	10	2	22262	100
4	0.70	12	2	22263	100
4	0.70	14	2	22264	100
4	0.70	15	2	22265	100
4	0.70	16	2	22266	100
4	0.70	18	2	22267	100
4	0.70	20	2	22268	100
4	0.70	25	2	22269	100
4	0.70	30	2	22270	100
4	0.70	35	2	22271	100
4	0.70	40	2	22272	100
4	0.70	45	2	22273	50
4	0.70	50	2	22274	50
5	0.80	5	2.5	22275	50
5	0.80	6	2.5	22276	50

DIN 916					
Dia.	Filet/ Pas	Long	Clé	Métal nu BARE STEEL	BTE
mm	Pitch				Box
5	0.80	8	2.5	22277	50
5	0.80	10	2.5	22278	50
5	0.80	12	2.5	22279	50
5	0.80	14	2.5	22280	50
5	0.80	15	2.5	22281	50
5	0.80	16	2.5	22282	50
5	0.80	18	2.5	22283	50
5	0.80	20	2.5	22284	50
5	0.80	25	2.5	22285	50
5	0.80	30	2.5	22286	50
5	0.80	35	2.5	22287	50
5	0.80	40	2.5	22288	50
5	0.80	45	2.5	22289	50
5	0.80	50	2.5	22290	50
5	0.80	55	2.5	22291	50
5	0.80	60	2.5	22292	50
6	1.00	6	3	22293	50
6	1.00	8	3	22294	50
6	1.00	10	3	22295	50
6	1.00	12	3	22296	50
6	1.00	14	3	22297	50
6	1.00	15	3	22298	50
6	1.00	16	3	22299	50
6	1.00	18	3	22300	50
6	1.00	20	3	22301	50
6	1.00	25	3	22302	50
6	1.00	30	3	22303	50
6	1.00	35	3	22304	50
6	1.00	40	3	22305	50
6	1.00	45	3	22306	50
6	1.00	50	3	22307	50
6	1.00	55	3	22308	50
6	1.00	60	3	22309	50
6	1.00	65	3	22310	50
6	1.00	70	3	22311	50
8	1.25	6	4	22312	50
8	1.25	8	4	22313	50

DIN 916					
Dia.	Filet/ Pas	Long	Clé	Métal nu BARE STEEL	BTE
mm	Pitch				Box
8	1.25	10	4	22314	50
8	1.25	12	4	22315	50
8	1.25	14	4	22316	50
8	1.25	15	4	22317	50
8	1.25	16	4	22318	50
8	1.25	18	4	22319	50
8	1.25	20	4	22320	50
8	1.25	25	4	22321	50
8	1.25	30	4	22322	50
8	1.25	35	4	22323	50
8	1.25	40	4	22324	50
8	1.25	45	4	22325	50
8	1.25	50	4	22326	50
8	1.25	55	4	22327	50
8	1.25	60	4	22328	50
8	1.25	70	4	22329	25
8	1.25	80	4	22330	25
10	1.50	8	5	22332	50
10	1.50	10	5	22333	50
10	1.50	12	5	22334	50
10	1.50	14	5	22335	50
10	1.50	15	5	22336	50
10	1.50	16	5	22337	50
10	1.50	18	5	22338	50
10	1.50	20	5	22339	50
10	1.50	25	5	22340	50
10	1.50	30	5	22341	50
10	1.50	35	5	22342	50
10	1.50	40	5	22343	50
10	1.50	45	5	22344	50
10	1.50	50	5	22345	50
10	1.50	55	5	22346	50
10	1.50	60	5	22347	50
10	1.50	70	5	22348	25
10	1.50	80	5	22349	25
12	1.75	10	6	22351	25
12	1.75	12	6	22352	25

VIS SANS TÊTE À 6 PANS CREUX - BOUT CUVETTE

SOCKET SET SCREWS - CUP POINT

ISO 4029

ANSI B18.3.6M

Acier nu / Bare Steel

Filet régulier / Regular Pitch



REG

CLASSE 14.9



DIN 916					
Dia.	Filet/ Pas	Long	Clé	Métal nu BARE STEEL	BTE
mm	Pitch				Box
12	1.75	14	6	22353	25
12	1.75	15	6	22354	25
12	1.75	16	6	22355	25
12	1.75	18	6	22356	25
12	1.75	20	6	22357	25
12	1.75	25	6	22358	25
12	1.75	30	6	22359	25
12	1.75	35	6	22360	25
12	1.75	40	6	22361	25
12	1.75	45	6	22362	25
12	1.75	50	6	22363	25
12	1.75	55	6	22364	25
12	1.75	60	6	22365	25
12	1.75	70	6	22366	10
12	1.75	80	6	22367	10
12	1.75	100	6	22368	1
14	2.00	16	6	22370	25
14	2.00	18	6	22371	25
14	2.00	20	6	22372	25
14	2.00	25	6	22373	25
14	2.00	30	6	22374	25
14	2.00	35	6	22375	25
14	2.00	40	6	22376	25
14	2.00	45	6	22377	25
14	2.00	50	6	22378	25
14	2.00	55	6	22379	25
14	2.00	60	6	22380	25
14	2.00	65	6	22381	25
14	2.00	70	6	22382	25
14	2.00	75	6	22383	25
14	2.00	80	6	22384	10
14	2.00	85	6	22385	10
14	2.00	90	6	22386	10
14	2.00	100	6	22387	10
14	2.00	110	6	22388	10
14	2.00	120	6	22389	10

DIN 916					
Dia.	Filet/ Pas	Long	Clé	Métal nu BARE STEEL	BTE
mm	Pitch				Box
14	2.00	130	6	22390	10
14	2.00	85	6	22385	10
14	2.00	90	6	22386	10
14	2.00	100	6	22387	10
16	2.00	16	8	22391	25
16	2.00	18	8	22392	25
16	2.00	20	8	22393	25
16	2.00	25	8	22394	25
16	2.00	30	8	22395	25
16	2.00	35	8	22396	25
16	2.00	40	8	22397	25
16	2.00	45	8	22398	25
16	2.00	50	8	22399	25
16	2.00	55	8	22400	25
16	2.00	60	8	22401	25
16	2.00	65	8	22402	25
16	2.00	70	8	22403	25
16	2.00	75	8	22404	25
16	2.00	80	8	22405	10
16	2.00	85	8	22406	10
16	2.00	90	8	22407	10
16	2.00	100	8	22408	10
16	2.00	110	8	22409	25
16	2.00	120	8	22410	25
16	2.00	130	8	22411	25
20	2.50	25	10	22431	10
20	2.50	30	10	22432	10
20	2.50	35	10	22433	10
20	2.50	40	10	22434	10
20	2.50	45	10	22435	10
20	2.50	50	10	22436	10
20	2.50	55	10	22437	10
20	2.50	60	10	22438	10
20	2.50	65	10	22439	10
20	2.50	70	10	22440	10
20	2.50	75	10	22441	10

DIN 916					
Dia.	Filet/ Pas	Long	Clé	Métal nu BARE STEEL	BTE
mm	Pitch				Box
20	2.50	80	10	22442	10
20	2.50	85	10	22443	10
20	2.50	90	10	22444	10
20	2.50	100	10	22445	10
20	2.50	110	10	22446	10
20	2.50	120	10	22447	10
20	2.50	130	10	22448	10
24	3.00	25	12	22467	10
24	3.00	30	12	22468	10
24	3.00	35	12	22469	10
24	3.00	40	12	22470	10
24	3.00	45	12	22471	10
24	3.00	50	12	22472	10
24	3.00	55	12	22473	10
24	3.00	60	12	22474	10
24	3.00	65	12	22475	10
24	3.00	70	12	22476	10
24	3.00	75	12	22477	10
24	3.00	80	12	22478	10
24	3.00	85	12	22479	10
24	3.00	90	12	22480	10
24	3.00	100	12	22481	10
24	3.00	110	12	22482	10
24	3.00	120	12	22483	10
24	3.00	130	12	22484	10

BOULONS DE CARROSSERIE À COLLET Carré
CARRIAGE BOLTS SQUARE NECK

DIN 603 -
Plaqué Zinc / Zinc Plated
Filet régulier / Regular Pitch



REG
CLASSE 4.6

DIN 603				
Dia.	Filet/ Pas	Long	Plaqué Zinc ZINC PLATED	BTE
mm	Pitch			Box
6	1.00	16	21461P	100
6	1.00	20	21462P	100
6	1.00	25	21463P	100
6	1.00	30	21464P	100
6	1.00	35	21465P	100
6	1.00	40	21466P	100
6	1.00	45	21467P	100
6	1.00	50	21468P	100
6	1.00	55	21469P	100
6	1.00	60	21470P	100
6	1.00	65	21471P	100
6	1.00	70	21472P	100
6	1.00	75	21473P	100
6	1.00	80	21474P	100
6	1.00	90	21475P	100
6	1.00	100	21476P	100
6	1.00	120	21477P	100

DIN 603				
Dia.	Filet/ Pas	Long	Plaqué Zinc ZINC PLATED	BTE
mm	Pitch			Box
6	1.00	140	21478P	100
8	1.25	45	21479P	100
8	1.25	50	21480P	100
8	1.25	55	21481P	100
8	1.25	60	21482P	100
8	1.25	65	21483P	100
8	1.25	70	21484P	100
8	1.25	75	21485P	100
8	1.25	80	21486P	100
8	1.25	90	21487P	100
8	1.25	100	21488P	100
8	1.25	120	21489P	100
8	1.25	140	21490P	100
8	1.25	150	21491P	100
8	1.25	160	21492P	100

DIN 603				
Dia.	Filet/ Pas	Long	Plaqué Zinc ZINC PLATED	BTE
mm	Pitch			Box
8	1.25	200	21493P	100
10	1.50	25	21494P	100
10	1.50	30	21495P	100
10	1.50	35	21496P	100
10	1.50	40	21497P	100
10	1.50	45	21498P	100
10	1.50	50	21499P	100
10	1.50	55	21500P	100
10	1.50	60	21501P	100
10	1.50	65	21502P	100
10	1.50	70	21503P	100
10	1.50	75	21504P	100
10	1.50	80	21505P	100
10	1.50	90	21506P	100
10	1.50	100	21507P	100
10	1.50	120	21508P	100
10	1.50	140	21509P	100
10	1.50	150	21510P	100
10	1.50	160	21511P	100
10	1.50	180	21512P	100
10	1.50	200	21513P	100

VIS À MÉTAL À TÊTE PAN - TORX
TORX PAN HEAD TAPPING SCREWS



TYPE AB				
Dia.	Filet/ Pas	Long	CHROME / ACIER INOXYDABLE CHROME / STAINLESS STEEL	BTE
mm	Pitch			Box
4.2	1.41	13	114-116	50
4.2	1.41	20	114-103	50
4.2	1.41	25	114-117	50
4.2	1.41	35	114-107	50
4.2	1.41	50	114-132	50
4.2	1.41	55	114-133	50
6.3	1.81	25	114-134	50

TYPE AB				
Dia.	Filet/ Pas	Long	NOIR OXYDE / ACIER INOXYDABLE BLACK OXIDE / STAINLESS STEEL	BTE
mm	Pitch			Box
4.2	1.41	20	114-104	50
4.2	1.41	25	114-118	50
4.2	1.41	50	114-109	50

VIS MACHINE TÊTE OVALE CRUCIFORME
PHILLIPS OVAL HEAD MACHINE SCREWS

DIN 966 - ISO7047

Plaqué Zinc / Zinc Plated

Filet régulier / Regular Pitch



REG
CLASSE 4.8

DIN 966				
Dia.	Filet/ Pas	Long	Plaqué Zinc ZINC PLATED	BTE
mm	Pitch			Box
2	0.40	4	20924	100
2	0.40	5	20925	100
2	0.40	6	20926	100
2	0.40	8	20927	100
2	0.40	10	20928	100
2	0.40	12	20929	100
2.5	0.45	5	20930	100
2.5	0.45	6	20931	100
2.5	0.45	8	20932	100
2.5	0.45	10	20933	100
2.5	0.45	12	20934	100
3	0.50	5	20935	100
3	0.50	6	20936	100
3	0.50	8	20937	100
3	0.50	10	20938	100
3	0.50	12	20939	100
3	0.50	14	20940	100
3	0.50	15	20941	100
3	0.50	16	20942	100
3	0.50	18	20943	100
3	0.50	20	20944	100
3	0.50	25	20945	100
3	0.50	30	20946	100

DIN 966				
Dia.	Filet/ Pas	Long	Plaqué Zinc ZINC PLATED	BTE
mm	Pitch			Box
4	0.70	6	20947	100
4	0.70	8	20948	100
4	0.70	10	20949	100
4	0.70	12	20950	100
4	0.70	14	20951	100
4	0.70	15	20952	100
4	0.70	16	20953	100
4	0.70	18	20954	100
4	0.70	20	20955	100
4	0.70	25	20956	100
4	0.70	30	20957	100
4	0.70	35	20958	100
4	0.70	40	20959	100
5	0.80	8	20960	100
5	0.80	10	20961	100
5	0.80	12	20962	100
5	0.80	14	20963	100
5	0.80	15	20964	100
5	0.80	16	20965	100
5	0.80	18	20966	100
5	0.80	20	20967	100
5	0.80	25	20968	100
5	0.80	30	20969	100

DIN 966				
Dia.	Filet/ Pas	Long	Plaqué Zinc ZINC PLATED	BTE
mm	Pitch			Box
5	0.80	35	20970	100
5	0.80	40	20971	100
5	0.80	45	20972	100
5	0.80	50	20973	100
6	1.00	10	20974	100
6	1.00	12	20975	100
6	1.00	14	20976	100
6	1.00	15	20977	100
6	1.00	16	20978	100
6	1.00	18	20979	100
6	1.00	20	20980	100
6	1.00	25	20981	100
6	1.00	30	20982	100
6	1.00	35	20983	100
6	1.00	40	20984	100
6	1.00	45	20985	100
6	1.00	50	20986	100
8	1.25	16	20987	100
8	1.25	18	20988	100
8	1.25	20	20989	100
8	1.25	25	20990	100
8	1.25	30	20991	100
8	1.25	35	20992	100
8	1.25	40	20993	100

VIS MACHINE TÊTE PLATE CRUCIFORME PHILLIPS FLAT HEAD MACHINE SCREWS

DIN 965 - ISO7046

Plaqué Zinc / Zinc Plated

Filet régulier / Regular Pitch



REG

CLASSE 4.8

DIN 965				
Dia.	Filet/ Pas	Long	Plaqué Zinc ZINC PLATED	BTE
mm	Pitch			Box
2	0.40	4	30102	100
2	0.40	5	30104	100
2	0.40	6	30106	100
2	0.40	8	30108	100
2	0.40	10	30110	100
2	0.40	12	30112	100
2	0.40	14	30114	100
2	0.40	16	30116	100
2	0.40	18	30118	100
2	0.40	20	30120	100
2.5	0.45	4	30136	100
2.5	0.45	5	30138	100
2.5	0.45	6	30140	100
2.5	0.45	8	30142	100
2.5	0.45	10	30144	100
2.5	0.45	12	30146	100
2.5	0.45	14	30148	100
2.5	0.45	16	30150	100
2.5	0.45	18	30152	100
2.5	0.45	20	30154	100
3	0.50	4	30170	100
3	0.50	5	30172	100
3	0.50	6	30174	100
3	0.50	8	30176	100
3	0.50	10	30178	100
3	0.50	12	30180	100
3	0.50	14	30182	100
3	0.50	16	30184	100
3	0.50	18	30186	100

DIN 965				
Dia.	Filet/ Pas	Long	Plaqué Zinc ZINC PLATED	BTE
mm	Pitch			Box
3	0.50	20	30188	100
3	0.50	22	30190	100
3	0.50	25	30192	100
3	0.50	30	30194	100
3	0.50	35	30196	100
3	0.50	40	30198	100
3	0.50	45	30200	100
3	0.50	50	30202	100
4	0.70	6	30208	100
4	0.70	8	30210	100
4	0.70	10	30212	100
4	0.70	12	30214	100
4	0.70	14	30216	100
4	0.70	16	30218	100
4	0.70	18	30220	100
4	0.70	20	30222	100
4	0.70	22	30224	100
4	0.70	25	30226	100
4	0.70	30	30228	100
4	0.70	35	30230	100
4	0.70	40	30232	100
4	0.70	45	30234	100
4	0.70	50	30236	100
5	0.80	8	30244	100
5	0.80	10	30246	100
5	0.80	12	30248	100
5	0.80	14	30250	100
5	0.80	16	30252	100
5	0.80	18	30254	100

DIN 965				
Dia.	Filet/ Pas	Long	Plaqué Zinc ZINC PLATED	BTE
mm	Pitch			Box
5	0.80	20	30256	100
5	0.80	22	30258	100
5	0.80	25	30260	100
5	0.80	30	30262	100
5	0.80	35	30264	100
5	0.80	40	30266	100
5	0.80	45	30268	100
5	0.80	50	30270	100
6	1.00	10	30280	100
6	1.00	12	30282	100
6	1.00	14	30284	100
6	1.00	16	30286	100
6	1.00	18	30288	100
6	1.00	20	30290	100
6	1.00	22	30292	100
6	1.00	25	30294	100
6	1.00	30	30296	100
6	1.00	35	30298	100
6	1.00	40	30300	100
6	1.00	45	30302	100
6	1.00	50	30304	100
8	1.25	16	30320	100
8	1.25	18	30322	100
8	1.25	20	30324	100
8	1.25	22	30326	100
8	1.25	25	30328	100
8	1.25	30	30330	100
8	1.25	35	30332	100
8	1.25	40	30334	100
8	1.25	45	30336	100
8	1.25	50	30338	100

VIS MACHINE TÊTE PAN CRUCIFORME PHILLIPS PAN HEAD MACHINE SCREWS

DIN 79856 - ISO7045

Plaqué Zinc / Zinc Plated

Filet régulier / Regular Pitch



REG

CLASSE 4.8

DIN 7985				
Dia.	Filet/ Pas	Long	Plaqué Zinc ZINC PLATED	BTE
mm	Pitch			Box
2	0.40	4	20816	100
2	0.40	5	20817	100
2	0.40	6	20818	100
2	0.40	8	20819	100
2	0.40	10	20820	100
2	0.40	12	20821	100
2	0.40	16	20822	100
2	0.40	20	20823	100
2.5	0.45	4	20824	100
2.5	0.45	5	20825	100
2.5	0.45	6	20826	100
2.5	0.45	8	20827	100
2.5	0.45	10	20828	100
2.5	0.45	12	20829	100
2.5	0.45	16	20830	100
2.5	0.45	20	20831	100
3	0.50	4	20832	100
3	0.50	5	20833	100
3	0.50	6	20834	100
3	0.50	8	20835	100
3	0.50	10	20836	100
3	0.50	12	20837	100
3	0.50	14	20838	100
3	0.50	16	20839	100
3	0.50	18	20840	100
3	0.50	20	20841	100
3	0.50	22	20842	100
3	0.50	25	20843	100
3	0.50	30	20844	100
3	0.50	35	20845	100
3	0.50	40	20846	100
3.5	0.60	6	20847	100
3.5	0.60	8	20848	100
3.5	0.60	10	20849	100
3.5	0.60	12	20850	100
3.5	0.60	14	20851	100
3.5	0.60	16	20852	100
3.5	0.60	20	20853	100

DIN 7985				
Dia.	Filet/ Pas	Long	Plaqué Zinc ZINC PLATED	BTE
mm	Pitch			Box
3.5	0.60	25	20854	
3.5	0.60	30	20855	
4	0.70	5	20856	100
4	0.70	6	20857	100
4	0.70	8	20858	100
4	0.70	10	20859	100
4	0.70	12	20860	100
4	0.70	14	20861	100
4	0.70	16	20862	100
4	0.70	18	20863	100
4	0.70	20	20864	100
4	0.70	22	20865	100
4	0.70	25	20866	100
4	0.70	30	20867	100
4	0.70	35	20868	100
4	0.70	40	20869	100
4	0.70	45	20870	100
5	0.80	6	20871	100
5	0.80	8	20872	100
5	0.80	10	20873	100
5	0.80	12	20874	100
5	0.80	14	20875	100
5	0.80	16	20876	100
5	0.80	18	20877	100
5	0.80	20	20878	100
5	0.80	22	20879	100
5	0.80	25	20880	100
5	0.80	30	20881	100
5	0.80	35	20882	100
5	0.80	40	20883	100
5	0.80	45	20884	100
6	1.00	8	20885	100
6	1.00	10	20886	100
6	1.00	12	20887	100
6	1.00	14	20889	100
6	1.00	16	20890	100
6	1.00	18	20891	100
6	1.00	20	20892	100

DIN 7985				
Dia.	Filet/ Pas	Long	Plaqué Zinc ZINC PLATED	BTE
mm	Pitch			Box
6	1.00	22	20893	100
6	1.00	25	20894	100
6	1.00	30	20895	100
6	1.00	35	20896	100
6	1.00	40	20897	100
6	1.00	45	20898	100
6	1.00	50	20899	100
8	1.25	12	20900	100
8	1.25	14	20901	100
8	1.25	16	20902	100
8	1.25	18	20903	100
8	1.25	20	20904	100
8	1.25	22	20905	100
8	1.25	25	20906	100
8	1.25	30	20907	100
8	1.25	35	20908	100
8	1.25	40	20909	100
8	1.25	45	20910	100
8	1.25	50	20911	100
10	1.50	12	20912	100
10	1.50	14	20913	100
10	1.50	16	20914	100
10	1.50	18	20915	100
10	1.50	20	20916	100
10	1.50	22	20917	100
10	1.50	25	20918	100
10	1.50	30	20919	100
10	1.50	35	20920	100
10	1.50	40	20921	100
10	1.50	45	20922	100
10	1.50	50	20923	100

VIS MACHINE TÊTE CHEESE FENDUE SLOTTED CHEESE HEAD MACHINE SCREWS

DIN 84 - ISO1207

Plaqué Zinc / Zinc Plated

Filet régulier / Regular Pitch



REG

CLASSE 4.8



DIN 84				
Dia.	Filet/Pas	Long	Plaqué Zinc ZINC PLATED	BTE
mm	Pitch			Box
2	0.40	4	22930	100
2	0.40	5	22931	100
2	0.40	6	22932	100
2	0.40	8	22933	100
2	0.40	10	22934	100
2	0.40	12	22935	100
2	0.40	16	22936	100
2	0.40	20	22937	100
2	0.40	22	22938	100
2	0.40	25	22939	100
2	0.40	28	22940	100
2	0.40	30	22941	100
2.5	0.45	4	22965	100
2.5	0.45	5	22966	100
2.5	0.45	6	22967	100
2.5	0.45	8	22968	100
2.5	0.45	10	22969	100
2.5	0.45	12	22970	100
2.5	0.45	14	22971	100
2.5	0.45	16	22972	100
2.5	0.45	18	22973	100
2.5	0.45	20	22974	100
2.5	0.45	22	22975	100
2.5	0.45	25	22976	100
2.5	0.45	28	22977	100
2.5	0.45	30	22978	100
3	0.50	4	22994	100
3	0.50	5	22995	100
3	0.50	6	22996	100
3	0.50	8	22997	100
3	0.50	10	22998	100
3	0.50	12	22999	100
3	0.50	14	23001	100
3	0.50	16	23002	100
3	0.50	18	23003	100
3	0.50	20	23004	100
3	0.50	22	23005	100
3	0.50	25	23006	100
3	0.50	28	23007	100
3	0.50	30	23008	100
3	0.50	35	23009	100

DIN 84				
Dia.	Filet/Pas	Long	Plaqué Zinc ZINC PLATED	BTE
mm	Pitch			Box
3	0.50	40	23010	100
3	0.50	45	23011	100
3	0.50	50	23012	100
3.5	0.60	4	23014	100
3.5	0.60	5	23015	100
3.5	0.60	6	23016	100
3.5	0.60	8	23017	100
3.5	0.60	10	23018	100
3.5	0.60	12	23019	100
3.5	0.60	14	23020	100
3.5	0.60	16	23021	100
3.5	0.60	18	23022	100
3.5	0.60	20	23023	100
3.5	0.60	22	23024	100
3.5	0.60	25	23025	100
3.5	0.60	28	23026	100
3.5	0.60	30	23027	100
3.5	0.60	35	23028	100
3.5	0.60	40	23029	100
3.5	0.60	45	23030	100
3.5	0.60	50	23031	100
4	0.70	4	23032	100
4	0.70	5	23033	100
4	0.70	6	23034	100
4	0.70	8	23035	100
4	0.70	10	23036	100
4	0.70	12	23037	100
4	0.70	14	23038	100
4	0.70	16	23039	100
4	0.70	18	23040	100
4	0.70	20	23041	100
4	0.70	22	23042	100
4	0.70	25	23043	100
4	0.70	28	23044	100
4	0.70	30	23045	100
4	0.70	35	23046	100
4	0.70	40	23047	100
4	0.70	45	23048	100
4	0.70	50	23049	100
5	0.80	5	23050	100
5	0.80	6	23051	100

DIN 84				
Dia.	Filet/Pas	Long	Plaqué Zinc ZINC PLATED	BTE
mm	Pitch			Box
5	0.80	8	23052	100
5	0.80	10	23053	100
5	0.80	12	23054	100
5	0.80	14	23055	100
5	0.80	16	23056	100
5	0.80	18	23057	100
5	0.80	20	23058	100
5	0.80	22	23059	100
5	0.80	25	23060	100
5	0.80	28	23061	100
5	0.80	30	23062	100
5	0.80	35	23063	100
5	0.80	40	23064	100
5	0.80	45	23065	100
5	0.80	50	23066	100
6	1.00	8	23068	100
6	1.00	10	23069	100
6	1.00	12	23070	100
6	1.00	14	23071	100
6	1.00	16	23072	100
6	1.00	18	23073	100
6	1.00	20	23074	100
6	1.00	22	23075	100
6	1.00	25	23076	100
6	1.00	28	23078	100
6	1.00	30	23079	100
6	1.00	35	23080	100
6	1.00	40	23081	100
6	1.00	45	23082	100
6	1.00	50	23083	100
8	1.25	10	23084	100
8	1.25	12	23085	100
8	1.25	14	23086	100
8	1.25	16	23087	100
8	1.25	18	23088	100
8	1.25	20	23089	100
8	1.25	22	23090	100
8	1.25	25	23091	100
8	1.25	28	23092	100
8	1.25	30	23093	100

**GOUPILLES À RESSORT EN SPIRALE
COILED SPRING PINS**

DIN 7343 - ISO8750

Acier carbon / Carbon Steel (1070-1095)

Fini uni / Plain finish



DIN 7343

DIN 7343			
Dia.	Long	Fini uni Plain finish	BTE
mm			Box
1	4	28400	100
1	6	28402	100
1	8	28404	100
1	10	28406	100
1	12	28408	100
1,5	4	28410	100
1,5	6	28412	100
1,5	8	28414	100
1,5	10	28416	100
1,5	12	28418	100
1,5	14	28420	100
1,5	16	28422	100
2	6	28424	100
2	8	28426	100
2	10	28428	100
2	12	28430	100
2	14	28432	100
2	16	28434	100
2	20	28436	100
2,5	8	28438	100
2,5	10	28440	100
2,5	12	28442	100
2,5	14	28444	100
2,5	16	28446	100
2,5	18	28448	100
2,5	20	28450	100
2,5	24	28452	100
3	8	28454	100
3	10	28456	100
3	12	28458	100
3	14	28460	100
3	16	28462	100
3	20	28464	100
3	22	28466	100
3	24	28468	100
3	26	28470	100
3	28	28472	100
3	30	28474	100
3	32	28476	100
4	10	28478	100

DIN 7343			
Dia.	Long	Fini uni Plain finish	BTE
mm			Box
4	12	28480	100
4	16	28482	100
4	18	28484	100
4	20	28486	100
4	22	28488	100
4	24	28490	100
4	26	28492	100
4	28	28494	100
4	30	28496	100
4	32	28498	100
4	36	28500	100
4	40	28502	100
4	50	28504	100
5	10	28506	100
5	12	28508	100
5	16	28510	100
5	20	28512	100
5	22	28514	100
5	24	28516	100
5	26	28518	100
5	28	28520	100
5	30	28522	100
5	32	28524	100
5	36	28526	100
5	40	28528	100
5	45	28530	100
5	50	28532	100
5	60	28534	100
6	12	28536	50
6	16	28538	50
6	20	28540	50
6	24	28542	50
6	26	28544	50
6	30	28546	50
6	32	28548	50
6	36	28550	50
6	40	28552	50
6	50	28554	50
6	60	28556	50
6	70	28558	50

DIN 7343			
Dia.	Long	Fini uni Plain finish	BTE
mm			Box
8	20	28560	50
8	24	28562	50
8	30	28564	50
8	32	28566	50
8	36	28568	50
8	40	28570	50
8	50	28572	50
8	60	28574	50
8	70	28576	50
8	80	28578	50
8	85	28580	50
8	90	28582	50
8	100	28584	50
10	20	28586	50
10	22	28588	50
10	24	28590	50
10	28	28592	50
10	30	28594	50
10	36	28596	50
10	40	28598	50
10	50	28600	50
10	60	28602	50
10	70	28604	50
10	80	28606	50
10	90	28608	50
10	100	28610	50
10	120	28612	50
12	24	28614	50
12	30	28616	50
12	36	28618	50
12	40	28620	50
12	50	28622	50
12	60	28624	50
12	70	28626	50
12	80	28628	50
12	85	28630	50
12	90	28632	50
12	100	28634	50
12	120	28636	50
12	140	28638	50
12	160	28640	50

GOUPILLES TENDEUSES À RESSORT
SPRING TENSION PINS

DIN 1481

Acier / Steel

Fini uni (noir) / Plain finish (black)



DIN 1481

DIN 1481			
Dia.	Long	Fini uni	BTE
mm		Plain finish	Box
1	4	23650	100
1	5	23651	100
1	6	23652	100
1	7	23653	100
1	8	23654	100
1	10	23655	100
1	12	23656	100
1	14	23657	100
1	15	23658	100
1	16	23659	100
1	18	23660	100
1	20	23661	100
1.5	4	23662	100
1.5	5	23663	100
1.5	6	23664	100
1.5	7	23665	100
1.5	8	23666	100
1.5	10	23667	100
1.5	12	23668	100
1.5	14	23669	100
1.5	15	23670	100
1.5	16	23671	100
1.5	18	23672	100
1.5	20	23673	100
2	4	23674	100
2	5	23675	100
2	6	23676	100
2	7	23677	100
2	8	23678	100
2	10	23679	100
2	12	23680	100
2	14	23681	100
2	15	23682	100
2	16	23683	100
2	18	23684	100
2	20	23685	100
2	22	23686	100
2	24	23687	100
2	25	23688	100
2	26	23689	100

DIN 1481			
Dia.	Long	Fini uni	BTE
mm		Plain finish	Box
2	28	23690	100
2	30	23691	100
2	32	23692	100
2	34	23693	100
2	35	23694	100
2	36	23695	100
2	38	23696	100
2	40	23697	100
2.5	4	23710	100
2.5	5	23711	100
2.5	6	23712	100
2.5	7	23713	100
2.5	8	23714	100
2.5	10	23715	100
2.5	12	23716	100
2.5	14	23717	100
2.5	15	23718	100
2.5	16	23719	100
2.5	18	23720	100
2.5	20	23721	100
2.5	22	23722	100
2.5	24	23723	100
2.5	26	23725	100
2.5	28	23726	100
2.5	30	23727	100
2.5	32	23728	100
2.5	34	23729	100
2.5	35	23730	100
2.5	36	23731	100
2.5	38	23732	100
2.5	40	23733	100
2.5	45	23734	100
3	4	23736	100
3	5	23737	100
3	6	23738	100
3	7	23739	100
3	8	23740	100
3	10	23741	100
3	12	23742	100
3	14	23743	100

DIN 1481			
Dia.	Long	Fini uni	BTE
mm		Plain finish	Box
3	15	23744	100
3	16	23745	100
3	18	23746	100
3	20	23747	100
3	22	23748	100
3	24	23749	100
3	25	23750	100
3	26	23751	100
3	28	23752	100
3	30	23753	100
3	32	23754	100
3	34	23755	100
3	35	23756	100
3	36	23757	100
3	38	23758	100
3	40	23759	100
3	45	23760	100
3	50	23761	100
3	55	23762	100
3	60	23763	100
3.5	4	23764	100
3.5	5	23765	100
3.5	6	23766	100
3.5	7	23767	100
3.5	8	23768	100
3.5	10	23769	100
3.5	12	23770	100
3.5	14	23771	100
3.5	15	23772	100
3.5	16	23773	100
3.5	18	23774	100
3.5	20	23775	100
3.5	22	23776	100
3.5	24	23777	100
3.5	25	23778	100
3.5	26	23779	100
3.5	28	23780	100
3.5	30	23781	100
3.5	32	23782	100
3.5	34	23783	100

**GOUPILLES TENDEUSES À RESSORT
SPRING TENSION PINS**

DIN 1481

Acier / Steel

Finis uni (noir) / Plain finish (black)



DIN 1481

DIN 1481			
Dia.	Long	Finis uni Plain finish	BTE
mm			Box
3.5	35	23784	100
3.5	36	23785	100
3.5	38	23786	100
3.5	40	23787	100
3.5	45	23788	100
3.5	50	23789	100
3.5	55	23790	100
3.5	60	23791	100
4	4	23794	100
4	5	23795	100
4	6	23796	100
4	7	23797	100
4	8	23798	100
4	10	23799	100
4	12	23800	100
4	14	23801	100
4	15	23802	100
4	16	23803	100
4	18	23804	100
4	20	23805	100
4	22	23806	100
4	24	23807	100
4	25	23808	100
4	26	23809	100
4	28	23810	100
4	30	23811	100
4	32	23812	100
4	34	23813	100
4	35	23814	100
4	36	23815	100
4	38	23816	100
4	40	23817	100
4	45	23818	100
4	50	23819	100
4	55	23820	100
4	60	23821	100
4	65	23822	100
4	70	23823	100
4.5	4	23824	100
4.5	5	23825	100

DIN 1481			
Dia.	Long	Finis uni Plain finish	BTE
mm			Box
4.5	6	23826	100
4.5	7	23827	100
4.5	8	23828	100
4.5	10	23829	100
4.5	12	23830	100
4.5	14	23831	100
4.5	15	23832	100
4.5	16	23833	100
4.5	18	23834	100
4.5	20	23835	100
4.5	22	23836	100
4.5	24	23837	100
4.5	25	23838	100
4.5	26	23839	100
4.5	28	23840	100
4.5	30	23841	100
4.5	32	23842	100
4.5	34	23843	100
4.5	35	23844	100
4.5	36	23845	100
4.5	38	23846	100
4.5	40	23847	100
4.5	45	23848	100
4.5	50	23849	100
4.5	55	23850	100
4.5	60	23851	100
4.5	65	23852	100
4.5	70	23853	100
5	4	23854	100
5	5	23855	100
5	6	23856	100
5	7	23857	100
5	8	23858	100
5	10	23859	100
5	12	23860	100
5	14	23861	100
5	15	23862	100
5	16	23863	100
5	18	23864	100
5	20	23865	100

DIN 1481			
Dia.	Long	Finis uni Plain finish	BTE
mm			Box
5	22	23866	100
5	24	23867	100
5	25	23868	100
5	26	23869	100
5	28	23870	100
5	30	23871	100
5	32	23872	100
5	34	23873	100
5	35	23874	100
5	36	23875	100
5	38	23876	100
5	40	23877	100
5	45	23878	100
5	50	23879	100
5	55	23880	100
5	60	23881	100
5	65	23882	100
5	70	23883	100
5	75	23884	100
5	80	23885	100
6	10	23890	50
6	12	23891	50
6	14	23892	50
6	15	23893	50
6	16	23894	50
6	18	23895	50
6	20	23896	50
6	22	23897	50
6	24	23898	50
6	25	23899	50
6	26	23900	50
6	28	23901	50
6	30	23902	50
6	32	23903	50
6	34	23904	50
6	35	23905	50
6	36	23906	50
6	38	23907	50
6	40	23908	50
6	45	23909	50

GOUPILLES TENDEUSES À RESSORT
SPRING TENSION PINS

DIN 1481

Acier / Steel

Fini uni (noir) / Plain finish (black)



DIN 1481

DIN 1481			
Dia.	Long	Fini uni Plain finish	BTE
mm			Box
6	50	23910	50
6	55	23911	50
6	60	23912	50
6	65	23913	50
6	70	23914	50
6	75	23915	50
6	80	23916	50
6	85	23917	50
6	90	23918	50
6	95	23919	50
6	100	23920	50
8	10	23952	50
8	12	23953	50
8	14	23954	50
8	15	23955	50
8	16	23956	50
8	18	23957	50
8	20	23958	50
8	22	23959	50
8	24	23960	50
8	25	23961	50
8	26	23962	50
8	28	23963	50
8	30	23964	50
8	32	23965	50
8	34	23966	50
8	35	23967	50
8	36	23968	50
8	38	23969	50
8	40	23970	50
8	45	23971	50
8	50	23972	50
8	55	23973	50
8	60	23974	50
8	65	23975	50
8	70	23976	50
8	75	23977	50
8	80	23978	50
8	85	23979	50
8	90	23980	50

DIN 1481			
Dia.	Long	Fini uni Plain finish	BTE
mm			Box
8	95	23981	50
8	100	23982	50
8	110	23983	50
8	120	23984	50
8	130	23985	50
10	10	23986	50
10	12	23987	50
10	14	23988	50
10	15	23989	50
10	16	23990	50
10	18	23991	50
10	20	23992	50
10	22	23993	50
10	24	23994	50
10	25	23995	50
10	26	23996	50
10	28	23997	50
10	30	23998	50
10	32	23999	50
10	34	24001	50
10	35	24002	50
10	36	24003	50
10	38	24004	50
10	40	24005	50
10	45	24006	50
10	50	24007	50
10	55	24008	50
10	60	24009	50
10	65	24010	50
10	70	24011	50
10	75	24012	50
10	80	24013	50
10	85	24014	50
10	90	24015	50
10	95	24016	50
10	100	24017	50
10	110	24018	50
10	120	24019	50
10	140	24020	50
10	160	24021	50

DIN 1481			
Dia.	Long	Fini uni Plain finish	BTE
mm			Box
12	10	24022	25
12	12	24023	25
12	14	24024	25
12	15	24025	25
12	16	24026	25
12	18	24027	25
12	20	24028	25
12	22	24029	25
12	24	24030	25
12	25	24031	25
12	26	24032	25
12	28	24033	25
12	30	24034	25
12	32	24035	25
12	34	24036	25
12	35	24037	25
12	36	24038	25
12	38	24039	25
12	40	24040	25
12	45	24041	25
12	50	24042	25
12	55	24043	25
12	60	24044	25
12	65	24045	25
12	70	24046	25
12	75	24047	25
12	80	24048	25
12	85	24049	25
12	90	24050	25
12	95	24051	25
12	100	24052	25
12	110	24053	25
12	120	24054	25
12	130	24055	25
12	140	24056	25
12	160	24057	25
12	180	24058	25

**GOUPILLES TENDEUSES À RESSORT
SPRING TENSION PINS**

DIN 1481

Acier / Steel

Fini uni (noir) / Plain finish (black)



DIN 1481

DIN 1481			
Dia.	Long	Fini uni Plain finish	BTE
mm			Box
14	10	24095	25
14	12	24096	25
14	14	24097	25
14	15	24098	25
14	16	24099	25
14	18	24100	25
14	20	24101	25
14	22	24102	25
14	24	24103	25
14	25	24104	25
14	26	24105	25
14	28	24106	25
14	30	24107	25
14	32	24108	25
14	34	24109	25
14	35	24110	25
14	36	24111	25
14	38	24112	25
14	40	24113	25
14	45	24114	25
14	50	24115	25
14	55	24116	25
14	60	24117	25
14	65	24118	25
14	70	24119	25

DIN 1481			
Dia.	Long	Fini uni Plain finish	BTE
mm			Box
14	75	24120	25
14	80	24121	25
14	85	24122	25
14	90	24123	25
14	95	24124	25
14	100	24125	25
14	110	24126	25
14	120	24127	25
14	130	24128	25
14	140	24129	25
14	160	24130	25
14	180	24131	25
16	10	24132	25
16	12	24133	25
16	14	24134	25
16	15	24135	25
16	16	24136	25
16	18	24137	25
16	20	24138	25
16	22	24139	25
16	24	24140	25
16	25	24141	25
16	26	24142	25
16	28	24143	25
16	30	24144	25

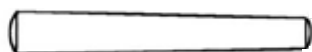
DIN 1481			
Dia.	Long	Plaqué Zinc	BTE
mm			Box
16	32	24145	25
16	34	24146	25
16	35	24147	25
16	36	24148	25
16	38	24149	25
16	40	24150	25
16	45	24151	25
16	50	24152	25
16	55	24153	25
16	60	24154	25
16	65	24155	25
16	70	24156	25
16	75	24157	25
16	80	24158	25
16	85	24159	25
16	90	24160	25
16	95	24161	25
16	100	24162	25
16	110	24163	25
16	120	24164	25
16	130	24165	25
16	140	24166	25
16	150	24167	25
16	160	24168	25
16	180	24169	25

GOUPILLES CONIQUES

TAPER PINS

DIN 1 - ISO 2339

Acier / Steel



DIN 1B

* Mesurer la petite extrémité de la goupille conique pour déterminer le diamètre nominal. Le diamètre augmente de 1 mm pour chaque 50 mm de longueur.
* Measure the small end of the taper pin to determine the nominal diameter. Diameter increases by 1mm for every 50mm in length.

DIN 1 B			
Dia.	Long	Fini uni Plain finish	BTE
mm			Box
1.5	6	23504	50
1.5	8	23505	50
1.5	10	23506	50
1.5	12	23507	50
1.5	14	23508	50
1.5	16	23509	50
1.5	20	23510	50
1.5	25	23511	50
1.5	30	23512	50
1.5	35	23513	50
1.5	40	23514	50
2	6	23515	50
2	8	23516	50
2	10	23517	50
2	12	23518	50
2	14	23519	50
2	16	23520	50
2	20	23521	50
2	25	23522	50
2	30	23523	50
2	35	23524	50
2	40	23525	50
2	45	23526	50
2	50	23527	50
2.5	6	23528	50
2.5	8	23529	50
2.5	10	23530	50
2.5	12	23531	50
2.5	14	23532	50
2.5	16	23533	50
2.5	20	23534	50
2.5	25	23535	50
2.5	30	23536	50
2.5	35	23537	50
2.5	40	23538	50
2.5	45	23539	50
2.5	50	23540	50

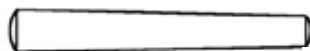
DIN 1 B			
Dia.	Long	Fini uni Plain finish	BTE
mm			Box
3	6	23541	25
3	8	23542	25
3	10	23543	25
3	12	23544	25
3	14	23545	25
3	16	23546	25
3	20	23547	25
3	25	23548	25
3	30	23549	25
3	35	23550	25
3	40	23551	25
3	45	23552	25
3	50	23553	25
3	55	23554	25
3	60	23555	25
4	6	23556	25
4	8	23557	25
4	10	23558	25
4	12	23559	25
4	14	23560	25
4	16	23561	25
4	20	23562	25
4	25	23563	25
4	30	23564	25
4	35	23565	25
4	40	23566	25
4	45	23567	25
4	50	23568	25
4	55	23569	25
4	60	23570	25
5	8	23571	25
5	10	23572	25
5	12	23573	25
5	14	23574	25
5	16	23575	25
5	20	23576	25
5	25	23577	25

DIN 1 B			
Dia.	Long	Fini uni Plain finish	BTE
mm			Box
5	30	23578	25
5	35	23579	25
5	40	23580	25
5	45	23581	25
5	50	23582	25
5	55	23583	25
5	60	23584	25
5	70	23585	25
5	80	23586	25
5	90	23587	25
5	100	23588	25
6	16	23589	25
6	20	23590	25
6	25	23591	25
6	30	23592	25
6	35	23593	25
6	40	23594	25
6	45	23595	25
6	50	23596	25
6	55	23597	25
6	60	23598	25
6	70	23599	25
6	80	23600	25
6	90	23601	25
6	100	23602	25
8	16	23603	25
8	20	23604	25
8	25	23605	25
8	30	23606	25
8	35	23607	25
8	40	23608	25
8	45	23609	25
8	50	23610	25
8	55	23611	25
8	60	23612	25
8	70	23613	25
8	80	23614	25
8	90	23615	25
8	100	23648	25

**GOUPILLES CONIQUES
TAPER PINS**

DIN 1 - ISO 2339

Acier / Steel



DIN 1B

* Mesurer la petite extrémité de la goupille conique pour déterminer le diamètre nominal. Le diamètre augmente de 1 mm pour chaque 50 mm de longueur.

*Measure the small end of the taper pin to determine the nominal diameter. Diameter increases by 1mm for every 50mm in length.

DIN 1 B			
Dia.	Long	Fini uni Plain finish	BTE
mm			Box
10	20	23616	10
10	25	23617	10
10	30	23618	10
10	35	23619	10
10	40	23620	10
10	45	23621	10
10	50	23622	10
10	55	23623	10
10	60	23624	10
10	70	23625	10
10	80	23626	10

DIN 1 B			
Dia.	Long	Fini uni Plain finish	BTE
mm			Box
10	90	23627	10
10	100	23628	10
12	30	23629	10
12	35	23630	10
12	40	23631	10
12	45	23632	10
12	50	23633	10
12	55	23634	10
12	60	23635	10
12	70	23636	10
12	80	23637	10

DIN 1 B			
Dia.	Long	Fini uni Plain finish	BTE
mm			Box
12	90	23638	10
12	100	23639	10
16	40	23640	10
16	50	23641	10
16	55	23642	10
16	60	23643	10
16	70	23644	10
16	80	23645	10
16	90	23646	10
16	100	23647	10

GOUPILLES CYLINDRIQUES TREMPÉES - TOLÉRANCE M6

DOWEL PINS - PRECISION GROUND TOL. M6

DIN 6325 - ISO 8734 A

Acier 60 +- 2HRC / Steel



DIN 6325

DIN 6325			
Dia.	Long	Fini uni Plain finish	BTE
mm			Box
1	4	28001	100
1	5	28002	100
1	6	28003	100
1	8	28004	100
1	10	28005	100
1	12	28006	100
1,5	4	28007A2	100
1,5	5	28008	100
1,5	6	28010	100
1,5	8	28012	100
1,5	10	28014	100
1,5	12	28016	100
1,5	14	28018	100
1,5	16	28020	100
1,5	20	28022	100
1,5	24	28024	100
1,5	28	28026	100
1,5	32	28028	100
2	5	28030	100
2	6	28032	100
2	8	28034	100
2	10	28036	100
2	12	28038	100
2	14	28040	100
2	16	28042	100
2	20	28044	100
2	24	28046	100
2	28	28048	100
2	32	28050	100
2	36	28052	100
2	40	28054	100
2,5	6	28056	100
2,5	8	28058	100
2,5	10	28060	100
2,5	12	28062	100
2,5	14	28064	100
2,5	16	28066	100
2,5	20	28068	100
2,5	24	28070	100

DIN 6325			
Dia.	Long	Fini uni Plain finish	BTE
mm			Box
2,5	28	28072	100
2,5	32	28074	100
2,5	36	28076	100
2,5	40	28078	100
3	6	28080	100
3	8	28082	100
3	10	28084	100
3	12	28086	100
3	14	28088	100
3	16	28090	100
3	20	28092	100
3	24	28094	100
3	28	28096	100
3	32	28098	100
3	36	28100	100
3	40	28102	100
4	6	28104	100
4	8	28106	100
4	10	28108	100
4	12	28110	100
4	14	28112	100
4	16	28114	100
4	20	28116	100
4	24	28118	100
4	28	28120	100
4	32	28122	100
4	36	28124	100
4	40	28126	100
4	45	28128	100
4	50	28130	100
5	10	28132	100
5	12	28134	100
5	14	28136	100
5	16	28138	100
5	20	28140	100
5	24	28142	100
5	28	28144	100
5	32	28146	100
5	36	28148	100

DIN 6325			
Dia.	Long	Fini uni Plain finish	BTE
mm			Box
5	40	28150	100
5	45	28152	100
5	50	28154	100
5	55	28156	100
5	60	28158	100
6	10	28160	100
6	12	28162	100
6	14	28164	100
6	16	28166	100
6	20	28168	100
6	24	28170	100
6	28	28172	100
6	32	28174	100
6	36	28176	100
6	40	28178	100
6	45	28180	100
6	50	28182	100
6	55	28184	100
6	60	28186	100
6	70	28188	100
6	80	28190	100
8	14	28192	50
8	16	28194	50
8	20	28196	50
8	24	28198	50
8	28	28200	50
8	32	28202	50
8	36	28204	50
8	40	28206	50
8	45	28208	50
8	50	28210	50
8	55	28212	50
8	60	28214	50
8	70	28216	50
8	80	28218	50
10	20	28220	25
10	24	28222	25
10	28	28224	25
10	32	28226	25

**GOUPILLES CYLINDRIQUES TREMPÉES - TOLÉRANCE M6
DOWEL PINS - PRECISION GROUND TOL. M6**

DIN 6325 - ISO 8734 A
Acier 60 +- 2HRC / Steel



DIN 6325

DIN 6325			
Dia.	Long	Fini uni Plain finish	BTE
mm			Box
10	36	28228	25
10	40	28230	25
10	45	28232	25
10	50	28234	25
10	55	28236	25
10	60	28238	25
10	70	28240	25
10	80	28242	25
10	90	28244	25
10	100	28246	25
12	24	28248	25
12	28	28250	25
12	32	28252	25
12	36	28254	25

DIN 6325			
Dia.	Long	Fini uni Plain finish	BTE
mm			Box
12	40	28256	25
12	45	28258	25
12	50	28260	25
12	55	28262	25
12	60	28264	25
12	70	28266	25
12	80	28268	25
12	90	28270	25
12	100	28272	25
14	40	28274	25
14	50	28276	25
14	60	28278	25
14	80	28280	25
14	100	28282	25

DIN 6325			
Dia.	Long	Fini uni Plain finish	BTE
mm			Box
14	120	28284	25
16	40	28286	10
16	50	28288	10
16	60	28290	10
16	80	28292	10
16	100	28294	10
16	120	28296	10
20	40	28298	10
20	50	28300	10
20	60	28302	10
20	80	28304	10
20	100	28306	10
20	120	28308	10

**GOUPILLES FENDUES
COTTER PINS**

DIN 94 - ISO1234

Acier / Steel

Plaqué zinc / Zinc plated



DIN 94

DIN 94			
Dia.	Long	Plaqué Zinc Zinc Plated	BTE
mm			Box
1	10	24471	100
1	12	24472	100
1	16	24473	100
1	20	24474	100
1	25	24475	100
1	32	24476	100
1	40	24477	100
1	50	24478	100
1,6	10	24479	100
1,6	12	24480	100
1,6	16	24481	100
1,6	20	24482	100
1,6	25	24483	100
1,6	32	24484	100
1,6	40	24485	100
1,6	50	24486	100
2	16	24487	100
2	20	24488	100
2	25	24489	100
2	32	24490	100
2	40	24491	100
2	50	24492	100
2	63	24493	100
2,5	16	24494	100
2,5	20	24495	100
2,5	25	24496	100

DIN 94			
Dia.	Long	Plaqué Zinc Zinc Plated	BTE
mm			Box
2,5	32	24497	100
2,5	40	24498	100
2,5	50	24499	100
2,5	63	24500	100
3,2	20	24501	100
3,2	25	24502	100
3,2	32	24503	100
3,2	40	24504	100
3,2	50	24505	100
3,2	63	24506	100
3,5	25	24507	100
3,5	32	24508	100
3,5	40	24509	100
3,5	50	24510	100
3,5	63	24511	100
3,5	70	24512	100
3,5	80	24513	100
4	20	24514	100
4	25	24515	100
4	32	24516	100
4	40	24517	100
4	50	24518	100
4	63	24519	100
4	80	24520	100
4	100	24521	100
5	25	24522	100

DIN 94			
Dia.	Long	Plaqué Zinc Zinc Plated	BTE
mm			Box
5	32	24523	100
5	40	24524	100
5	50	24525	100
5	63	24526	100
5	80	24527	100
5	100	24528	100
6,3	32	24529	100
6,3	40	24530	100
6,3	50	24531	100
6,3	63	24532	100
6,3	80	24533	100
6,3	100	24534	100
8	40	24535	100
8	50	24536	100
8	63	24537	100
8	80	24538	100
8	100	24539	100
10	63	24540	100
10	80	24541	100
10	100	24542	100
10	125	24543	100
10	160	24544	100
13	63	24545	100
13	80	24546	100
13	100	24547	100
13	125	24548	100
13	160	24549	100

**CLAVETTES WOODRUFF
WOODRUFF KEYS**

DIN 6888 - ISO 3912

Acier carbon / Carbon Steel



DIN 6888

Dimension MM	Acier / Steel	BTE Box
2 X 2,6	28700	25
2 X 3,7	28702	25
2 X 5	28704	25
2,5 X 3,7	28706	25
3 X 3,7	28708	25
3 X 5	28710	25
3 X 6,5	28712	25
3 X 7,5	28714	25

Dimension MM	Acier / Steel	BTE Box
4 X 5	28716	25
4 X 6,5	28718	25
4 X 7,5	28720	25
4 X 9	28722	25
5 X 6,5	28724	25
5 X 7,5	28726	25
5 X 9	28728	25
6 X 9	28730	25

Dimension MM	Acier / Steel	BTE Box
6 X 11	28732	25
6 X 13	28734	25
6 X 15	28736	25
8 X 11	28738	25
8 X 13	28740	25
10 X 13	28742	25

**BARRES À CLAVETTES
KEY STOCK**

C45 Material Acier / Steel
Fini uni (noir) / Plain finish (black)
Longueur / length : 1 metre / meter



DIN 6880

DIN 6880		
Dimension	Fini uni	BTE
mm	Plain finish	Box
2 X 2	24210	1
3 X 3	24211	1
3 X 4	24212	1
3 X 5	24213	1
3 X 6	24214	1
3 X 7	24215	1
3 X 10	24216	1
4 X 4	24217	1
4 X 5	24218	1
4 X 6	24219	1
4 X 8	24220	1
5 X 5	24221	1
5 X 6	24222	1
5 X 8	24223	1
5 X 10	24224	1
5 X 12	24225	1
6 X 6	24226	1
6 X 8	24227	1
6 X 9	24228	1
6 X 10	24229	1
6 X 12	24230	1
6 X 13	24231	1
6 X 14	24232	1
7 X 7	24233	1
7 X 8	24234	1
7 X 10	24235	1
7 X 12	24236	1
7 X 14	24237	1
8 X 8	24238	1
8 X 10	24239	1

DIN 6880		
Dimension	Fini uni	BTE
mm	Plain finish	Box
8 X 12	24240	1
8 X 14	24241	1
8 X 16	24242	1
9 X 9	24243	1
9 X 14	24244	1
10 X 10	24245	1
10 X 12	24246	1
10 X 14	24247	1
10 X 16	24248	1
10 X 18	24249	1
10 X 20	24250	1
11 X 11	24251	1
11 X 16	24252	1
11 X 18	24253	1
12 X 12	24254	1
12 X 14	24255	1
12 X 16	24256	1
12 X 18	24257	1
12 X 20	24258	1
12 X 24	24259	1
13 X 13	24260	1
14 X 14	24261	1
14 X 16	24262	1
14 X 18	24263	1
14 X 20	24264	1
14 X 22	24265	1
14 X 24	24266	1
14 X 25	24267	1
15 X 20	24268	1

DIN 6880		
Dimension	Fini uni	BTE
mm	Plain finish	Box
16 X 16	24269	1
16 X 24	24270	1
16 X 25	24271	1
18 X 18	24272	1
18 X 22	24273	1
18 X 25	24274	1
18 X 32	24275	1
20 X 20	24276	1
20 X 24	24277	1
20 X 28	24278	1
20 X 30	24279	1
20 X 36	24280	1
22 X 22	24281	1
22 X 25	24282	1
22 X 32	24283	1
22 X 40	24284	1
24 X 24	24285	1
25 X 28	24286	1
25 X 30	24287	1
25 X 36	24288	1
25 X 45	24289	1
28 X 32	24290	1
28 X 50	24291	1
30 X 55	24292	1
32 X 36	24293	1
32 X 56	24294	1
32 X 60	24295	1
36 X 40	24296	1
40 X 45	24297	1

CLAVETTES PARALLÈLE PARALLEL KEYS (SHAFT)

DIN 6885-A - ISO R773

Acier carbone C45K / Carbon Steel



DIN 6885-A

DIN 6885-A			
Dia.	Long	ACIER CARBONE CARBON STEEL	BTE
mm			Box
4 X 4	6	28800	50
4 X 4	8	28801	50
4 X 4	10	28802	50
4 X 4	12	28804	50
4 X 4	16	28806	50
4 X 4	20	28808	50
4 X 4	25	28810	50
4 X 4	32	28812	50
4 X 4	36	28814	50
4 X 4	40	28816	50
5 X 5	10	28818	50
5 X 5	12	28820	50
5 X 5	16	28822	50
5 X 5	20	28824	50
5 X 5	25	28826	50
5 X 5	32	28828	50
5 X 5	36	28830	50
5 X 5	40	28832	50
5 X 5	50	28834	50
6 X 6	10	28836	50
6 X 6	12	28838	50
6 X 6	16	28840	50
6 X 6	20	28842	50
6 X 6	25	28844	50
6 X 6	32	28846	50
6 X 6	36	28848	50
6 X 6	40	28850	50
6 X 6	50	28852	50
6 X 6	63	28854	50
6 X 6	70	28856	50
6 X 6	80	28858	50
8 X 7	10	28860	50
8 X 7	12	28862	50
8 X 7	16	28864	50
8 X 7	20	28866	50
8 X 7	25	28868	50
8 X 7	32	28870	50
8 X 7	36	28872	25
8 X 7	40	28874	25
8 X 7	50	28876	25
8 X 7	60	28878	25

DIN 6885-A			
Dia.	Long	ACIER CARBONE CARBON STEEL	BTE
mm			Box
8 X 7	63	28880	25
8 X 7	70	28882	25
8 X 7	80	28884	25
8 X 7	85	28886	25
8 X 7	90	28888	25
8 X 7	100	28890	25
10 X 8	16	28892	25
10 X 8	20	28894	25
10 X 8	25	28896	25
10 X 8	32	28898	25
10 X 8	36	28900	25
10 X 8	40	28902	25
10 X 8	50	28904	25
10 X 8	56	28906	25
10 X 8	63	28908	25
10 X 8	70	28910	25
10 X 8	80	28912	25
10 X 8	85	28914	25
10 X 8	90	28916	25
10 X 8	100	28918	25
10 X 8	120	28920	25
10 X 8	140	28922	25
12 X 8	40	28924	25
12 X 8	50	28926	25
12 X 8	56	28928	10
12 X 8	63	28930	10
12 X 8	70	28932	10
12 X 8	80	28934	10
12 X 8	100	28936	10
12 X 8	120	28938	10
12 X 8	140	28940	10
14 X 9	32	28942	10
14 X 9	40	28944	10
14 X 9	50	28946	10
14 X 9	56	28948	10
14 X 9	60	28950	10
14 X 9	63	28952	10
14 X 9	70	28954	10
14 X 9	80	28956	10
14 X 9	90	28958	10
14 X 9	100	28960	10

DIN 6885-A			
Dia.	Long	ACIER CARBONE CARBON STEEL	BTE
mm			Box
14 X 9	110	28962	10
14 X 9	120	28964	10
14 X 9	140	28966	10
16 X 10	40	28968	10
16 X 10	50	28970	10
16 X 10	63	28972	10
16 X 10	70	28974	10
16 X 10	80	28976	10
16 X 10	100	28978	10
16 X 10	120	28980	10
16 X 10	140	28982	10
18 X 11	50	28984	10
18 X 11	56	28986	10
18 X 11	60	28988	10
18 X 11	63	28990	10
18 X 11	70	28992	10
18 X 11	80	28994	10
18 X 11	90	28996	10
18 X 11	100	28998	10
18 X 11	120	29000	10
20 X 12	70	29002	10
20 X 12	80	29004	10
20 X 12	100	29006	10
20 X 12	110	29008	10
20 X 12	200	29010	10
22 X 14	70	29012	10
22 X 14	80	29014	10
22 X 14	100	29016	10
22 X 14	110	29018	10
25 X 14	80	29020	10
28 X 16	80	29022	10
28 X 16	110	29024	10
28 X 16	140	29026	10
28 X 16	160	29028	10
32 X 18	100	29030	10
32 X 18	110	29032	10
32 X 18	140	29034	10
36 X 18	140	29036	10
40 X 22	140	29038	10

BAGUES DE RETENUE RETAINING RINGS

Acier carbone C45K / Carbon Steel



	DIN 471	DIN 472	
Dia. TIGE	EXTÉRIEUR EXTERNAL	INTÉRIEUR INTERNAL	BTE
mm			Box
3	23340		100
4	23341		100
5	23342		100
6	23343		100
7	23344		100
8	23345	23373	100
9	23346	23374	100
10	23347	23375	100
11	23348	23376	100
12	23349	23377	100
13	23350	23378	100
14	23351	23379	100
15	23352	23380	100
16	23353	23381	100
17	23354	23382	100
18	23355	23384	100
19	23356	23385	100
20	23357	23386	100
21	23358	23387	100
22	23359	23388	100
23	23360	23389	100
24	23361	23390	100
25	23362	23391	100
26	23363	23392	100
27	23364	23393	100
28	23365	23394	100
29	23366	23395	100
30	23367	23396	100
31	23368	23397	100
32	23369	23398	50
33	23370	23399	50
34	23371	23401	50

	DIN 471	DIN 472	
Dia. TIGE	EXTÉRIEUR EXTERNAL	INTÉRIEUR INTERNAL	BTE
mm			Box
35	23372	23402	50
36	23403	23433	50
37	23404	23434	50
38	23405	23435	50
40	23406	23436	50
42	23407	23437	50
45	23408	23438	50
47	23409	23439	50
48	23410	23440	50
50	23411	23441	50
52	23412	23442	25
55	23413	23443	25
56	23414	23444	25
57	23415	23445	25
58	23416	23446	25
60	23417	23447	25
62	23418	23448	25
63	23419	23449	25
65	23420	23450	25
68	23421	23451	25
70	23422	23452	1
75	23423	23453	1
75	23424	23454	1
78	23425	23455	1
80	23426	23456	1
82	23427	23457	1
85	23428	23458	1
88	23429	23459	1
90	23430	23460	1
95	23431	23461	1
100	23432	23462	1

	DIN 6799	
Dia. TIGE	EXTÉRIEUR EN "E" "E" EXTERNAL	BTE
mm		Box
0.8	23465	25
1.2	23466	25
1.5	23467	25
1.9	23468	25
2.3	23469	25
3.2	23470	25
4	23471	25
5	23472	25
6	23473	25
7	23474	25
8	23475	25
9	23476	25
10	23477	10
12	23478	10
15	23479	10
19	23480	10
24	23481	10
30	23482	10

RONDELLES AUTO-BLOQUANTES WASHER LOCK NUTS



NUMÉRO NUMBER	FILET THREAD SIZE	DIA. EMBASE FLANGE DIA.	DIA. RONDELLE WASHER DIA.	FINI FINISH	NUMÉRO O.E.M. O.E.M. NUMBER	BTE BOX
158-147	4 - 7 MM	12 MM	13,5MM	PHOSPHATE	11501854	50
158-130	5 - 8 MM	14 MM	11MM	ZINC	11501814	100

ÉCROUS AUTO-BLOQUANTS DE TYPE RONDELLE WASHER TYPE SELF-THREADING NUTS



NUMÉRO NUMBER	GOUJON STUD SIZE	LARGEUR HEX. HEX WIDTH	DIA. RONDELLE WASHER DIA.	FINI FINISH	NUMÉRO O.E.M. O.E.M. NUMBER	BTE BOX
158-150	3MM	8MM	13,5MM	ZINC & YELLOW		25
158-127	3,2MM	8MM	11MM	ZINC & YELLOW	11502556	25
158-109	4MM	9MM	15MM	ZINC	11502549	100
158-110	5MM	10MM	15MM	PHOSPHATE	11508900	50
158-131	5MM	10MM	15MM	PHOSPHATE	11501835.10062	50
158-148	6MM	11MM	15MM	ZINC	6100814	50
158-149	6MM	11MM	18MM	ZINC	6100815	100
158-111	6,3MM	11MM	18MM	ZINC	11503432	50
158-132	6,3MM	11MM	18MM	ZINC	11501836	50
158-145	8MM	13MM	20MM	ZINC	11502507	100

ÉCROUS RONDELLES DE RETENUES POUR FIXATIONS NON FILETÉS PUSH-ON RETAINERS FOR NON-THREADED FASTENERS



NUMÉRO NUMBER	GOUJON STUD SIZE	DIA. RONDELLE WASHER DIA.	FINI FINISH	BTE BOX
158-112	3,2MM	9.5MM	ZINC	100
158-113	4MM	11MM	ZINC	100

ÉCROUS RONDELLES DE RETENUE POUR FIXATIONS FILETÉES PUSHNUT BOLT RETAINERS FOR THREADED FASTENERS



NUMÉRO NUMBER	FILET THREAD SIZE	O.D.	FINI FINISH	BTE BOX
158-119	M5-0,8	11MM	ZINC	100
158-120	M6-1,0	13MM	ZINC	100
158-146	M6-1,0	17MM	ZINC	100
158-121	M6,3-1,0	13MM	ZINC	100
158-122	M8-1,25	16MM	ZINC	100
158-116	M8,125	24MM	ZINC	50
158-123	M10-1,50	20MM	PHOSPHATE	50
158-118	M10-1,51	24MM	DACROMET	100
158-124	M12-1,75	21MM	ZINC	50
158-136	M14-2,0	25MM	PHOSPHATE	50

ÉCROUS DE TYPE TUBULAIRE / TUBULARE TYPE NUTS (énumérés par la taille goujon) / (listed by stud size)				
				
253-1163 Amber nylon For 2mm stud fots into 4mm hole overall lenght : 7mm bte/box : 50	253-235 Natural nylon For 3mm stud fits into 4mm hole overall lenght : 10mm bte/box : 50	253-883 White nylon Tubular nut with sealer & sealed end For 3mm stud head dia : 8.5mm fits into 6mm hole bte/box : 10	253-1162 Red nylon For 5mm stud fits into 9mm hole overall lenght : 14mm bte/box : 50	253-171 Natural nylon For 7mm stud fits into 8mm hole overall lenght : 20mm bte/box : 50
ÉCROUS CAGE / CAGE NUTS  A16142 Zinc M6-1.0 Screw size panel range : 1.7mm - 2.7mm bte/box : 25		ÉCROUS CAGE / CAGE NUTS  253-1190 Zinc & yellow M6-1.0 Screw size panel range : 0.5mm – 1.7mm center of hole to edge : 15mm bte/box : 10		
ÉCROUS EN U & J / U & J NUTS				
 253-1187 Zinc & yellow 2.9Mm (#4) screw size panel range : 0.7mm – 1.5mm center of the hole to edge : 4mm bte/box : 50		 253-145 Zinc & yellow 4.2Mm (#8) screw size panel range : 0.5mm – 1.7mm center of the hole to edge : 8mm bte/box : 50		
 253-176 Zinc & yello 2.9Mm screw size panel range : 0.5mm – 1.5mm center of the hole to edge : 6mm bte/box : 50		 253-234 Zinc & yello 4.2Mm (#8) screw size panel range : 0.7mm – 1.6mm center of the hole to edge : 7mm bte/box : 25		
 253-1188 Zinc & yellow 3.5Mm (#6) screw size panel range : 0.5mm – 1.5mm center of the hole to edge : 8mm bte/box : 50		 253-185 Zinc & yellow 4.2Mm (#8) screw size panel range : 3mm – 4mm center of the hole to edge : 7mm bte/box : 50		

ÉCROUS EN U & J / U & J NUTS



253-200
Zinc
4.2Mm (#8) screw size
panel range : 0.5Mm – 2.5Mm
center of the hole to edge : 8mm
bte/box : 50



253-831
Black nylon
4.8Mm (#10) screw size
panel range : up to 1mm
center of the hole to edge : 11mm
bte/box : 15



A21616
Black nylon
M4.8 (#10) Screw size
panel range : up to 2mm
center of the hole to edge : 7mm
bte/box : 15



253-199
Zinc
4.8Mm (#10) screw size
panel range : 0.9Mm – 2mm
center of the hole to edge : 8mm
bte/box : 25

253-1143

(same as 253-831 except for packing)
bte/box : 25



A21539
Blue nylon
M5.5 (#12) Screw size
panel range : up to 3.5Mm (9/64«)
center of the hole to edge : 8mm (5/16«)
bte/box : 25
Use with auveco 21541



253-1189
Zinc & yellow
4.2Mm (#8) screw size
panel range : 0.5Mm – 2.5Mm
center of the hole to edge : 14mm
bte/box : 25



253-1096
Black nylon
4.8Mm (#10) screw size
panel range : up to 3mm
center of the hole to edge : 14mm
bte/box : 10



A21540
Orange nylon
M5.5 (#12) Screw size
panel range : up to 2mm (5/64«)
center of the hole to edge : 12mm (15/32«)
bte/box : 25
Use with auveco A21541



253-1566
Nissan - White nylon
4.8Mm (#10) screw size
panel range : up to 1.5Mm
center of the hole to edge : 8mm
bte/box : 15



253-803
Black nylon
4.8Mm (#10) screw size
panel range : up to 2mm
center of the hole to edge : 8mm
bte/box : 15



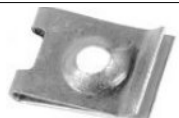
A21541
Black zinc
M5.5 x 20mm (12 x 25/32")
Torx® Truss Head
T-20 drive 15mm (19/32") Head O.D.
bte/box : 25
Use with 21539 & 21540



253-182
Zinc & yellow
4.8Mm (#10) screw size
panel range : 0.8Mm – 1.7Mm
center of the hole to edge : 11mm
bte/box : 50



A21613
Black nylon
M5.5 (#12) Screw size
panel range : up to 2mm
center of the hole to edge : 11mm
bte/box : 15



253-183
Zinc & yellow
4.8Mm (#10) screw size
panel range : 0.5Mm – 1.7Mm
center of the hole to edge : 7mm
bte/box : 50



A21359
Black nylon
M4.8 (#10) Screw size
panel range : up to 2mm
center of the hole to edge : 10mm
bte/box : 10



A13162
Zinc & yellow
5.6Mm screw size
panel range : 1.2Mm – 2.0Mm
center of the hole to edge : 10mm
bte/box : 50

ÉCROUS EN U & J / U & J NUTS



253-1925
Nylon
5.6Mm (#12) screw size
panel range : up to 1mm
center of the hole to edge : 9mm
bte/box : 15



253-1294
Black nylon
5.6Mm (#12) screw size
panel range : up to 2mm
center of the hole to edge : 9mm bte/box : 10



A20956
Black nylon
5.5Mm (#12) screw size
panel range : up to 1mm
center of the hole to edge : 14mm
bte/box : 10



A21614
White nylon
M6 (#14) screw size
panel range : up to 2mm
center of the hole to edge : 12mm
bte/box : 15



A21615
Maroon nylon
M6 (#14) screw size
panel range : up to 2mm
center of the hole to edge : 12mm
bte/box : 15



A21459
Black nylon with captive metal hex nut
M6 – 1.0 Thread panel range : up to 4mm
center of the hole to edge : 14mm
bte/box : 10



A21378
Black nylon
M6 (#14) screw size
panel range : up to 1.5Mm
center of the hole to edge : 8mm
bte/box : 25

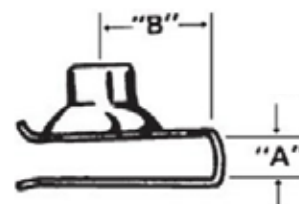


253-195
Zinc & yellow
6.3Mm (#14) screw size
panel range : 0.7Mm – 1.5Mm
center of the hole to edge : 13mm
bte/box : 50



253-826
Black nylon
6.3Mm (#14) screw size
panel range : up to 1mm
center of the hole to edge : 15mm
bte/box : 15

ÉCROUS EN U EXTRUDED «U» NUTS (FOLDOVER NUTS)



NUMÉRO NUMBER	FILET THREAD SIZE	"A" PANEL RANGE (MM)	"A" PANEL RANGE (INCHES)	"B" FOLDOVER CLEAR (MM)	"B" FOLDO- VER CLEAR (INCHES)	FINI FINISH	NUMÉRO O.E.M. O.E.M. NUMBER	BTE BOX
180-133	M4-0,7	0.60-3.8	1/32-5/32	9,5	3/8	ZINC ORGANIC	11500654, N623330-S2	50
162-102	M4-0,7	0.80-4.00	1/32-5/32	13,5	17/32	PHOSPHATE	11500655	50
180-134	M4,2-1,41*	0.50-2.0	1/32-5/64	10	25/64	ZINC ORGANIC	11516397	50
162-145	M4,2-1,41*	0.65-3.80	1/32-5/32	9,5	3/8	ZINC ORGANIC	11513599	25
162-125	M5-0,8	0.60-3.80	9,5	11	7/16	PHOSPHATE	11505596, N623331-S2	50
162-144	M5-0,8	0.80-4.00	1/32-5/32	15,8	5/8	PHOSPHATE	11500657	50
162-128	M6-1,0*	0.80-4.00	1/32-5/32	12	15/32	PHOSPHATE	6502152	50
162-143	M6-1,0	3.40-6.30	9/64-1/4	13,5	17/32	PHOSPHATE	11504047, N802331-S53	25
162-126	M6-1,0*	0.80-4.00	1/32-5/32	13,5	17/32	PHOSPHATE	6101308	50
162-104	M6-1,0	0.80-4.00	1/32-5/32	13,5	17/32	PHOSPHATE	11503714, 11503716	50
162-146	M6-1,0	0.80-4.00	1/32-5/32	13,5	17/32	PHOSPHATE	1016937, 11503957, N623332-S2, -S53 & S-100	25
162-139	M6-1,0	3.00-4.00	1/8-5/32	13,5	17/32	ZINC ORGANIC	21095741	50
162-127	M6-1,0	3.50-4.00	9/64-5/32	13,5	17/32	ZINC COLBAT BLACK	21095560	10
162-122	M6-1,0	3.40-6.30	9/64-1/4	14,5	9/16	ZINC ORGANIC	11504978	25
162-129	M6-1,0	2.00-5.00	5/64-3/16	14,5	9/16	ZINC ORGANIC	11516372	25
162-140	M6-1,0	3.40-6.30	9/64-1/4	19	3/4	BLACK PHOS- PHATE	11505048	15
162-105	M6-1,0	0.34-4.00	1/64-5/32	19,5	25/32	PHOSPHATE	115603715	25
162-138	M6-1,0	1.00-2.50	3/64-3/32	19,5	25/32	PHOSPHATE	14040999	50
162-132	M6-1,0	4.30-5.60	11/64-7/32	21	13/16	PHOSPHATE	N805889-S100	15
162-109	M6,3-1,0	0.80-4.00	1/32-5/32	13,5	17/32	PHOSPHATE	11502785	25
162-110	M6,3-1,0	0.80-4.00	1/32-5/32	13,5	17/32	PHOSPHATE	11500658	25
162-111	M8-1,25	1.50-5.50	1/16-7/32	14,5	9/16	ZINC ORGANIC	11503455, 115004288	25
162-113	M8-1,25	0.80-4.00	1/32-5/32	14,5	9/16	PHOSPHATE	11500660, 11502617, N623333-S2	25
162-112	M8-1,25	0.80-4.50	1/32-11/64	20	13/16	PHOSPHATE	11500661, 11503317, N623343-S2	25
162-133	M8-1,25	1.70-5.50	1/16-7/32	28,5	1 1/8	PHOSPHATE	10084751	15
162-141	M8-1,25	3.90-4.40	5/32-11/64	10	25/64	PHOSPHATE	371964	25
162-135	M8-1,25*	4.00-7.00	5/32-9/32	21	13/16	BLACK PHOS- PHATE	N801117-S10	25
162-142	M10-1,50	1.50-5.50	1/16-7/32	18	23/32	ZINC ORGANIC	N623334-S426	10
162-114	M10-1,50	1.00-6.00	3/64-15/64	19	3/4	PHOSPHATE	11500662	25
162-115	M10-1,50	1.50-5.50	1/16-7/32	28	1 3/32	ZINC ORGANIC	11500663, N623344-S2	25

* LOCKING FEATURE



A12232

(6100539)
Phosphate

M5-0.8 x 20mm
Hex Head Sems
Thread Cutting Screw
With Dog Point
12mm (1/2") O.D. Washer
8mm Hex
Chrysler

UNIT PACKAGE: 50



A20176

(N800510-S 100)
Phosphate

M6-1.0 x 18.5mm
Hex Head Sems
With Dog Point
Class 9.8
19mm (3/4") Washer O.D.
11mm Hex
Replaces Auveco 1571 9
Ford

UNIT PACKAGE: 50



160-113

(11503815, 11508023)
Phosphate

M6-1.0 x 20mm
Hex Head Sems
Class 9.8
17mm (21/32") Washer O.D.
10mm Hex
GM

UNIT PACKAGE: 25



160-173

(11503941)
Phosphate

M6-1.0 x 20mm
Hex Head Sems
Class 9.8; 10mm Hex
24mm (15/16") Washer O.D.
GM

UNIT PACKAGE: 50



A18515

(21094240)
Black

500 Hr. Salt Spray

M6-1.0 x 20mm
Torx® Washer Head
With Dog Point & Sealant
On Threads
13.5 Washer Head O.D.
T-30 Drive
Front & Rear Door Lock
GM Saturn

UNIT PACKAGE: 25



160-114

(11502941, 11506174)
Phosphate

M6-1.0 x 20mm
Hex Head Sems
Class 9.8
17mm (21/32")
Washer O.D.
10mm Hex
GM

UNIT PACKAGE: 25



A15778

(N606676-S 36)
Zinc

M6-1.0 x 22.5mm
Hex Head Sems
With Dog Point
Class 9.8
19mm (3/4") Washer O.D.
8mm Hex
Ford

UNIT PACKAGE: 50



A15791

(11508930)
Black

Fluorocarbon

M6-1.0 x 16mm
Hex Head Sems
Class 9.8; 10mm Hex
17mm (21/32") Washer O.D.
GM

UNIT PACKAGE: 50



A12324

(11503800)
Black Polyseal

M6-1.0 x 20mm
Hex Washer Head
Class 9.8
13mm (1/2") Washer Hd. O.D.
10mm Hex
GM

UNIT PACKAGE: 50



160-140

(11504570, 11509816,
11514623)
Phosphate

M6-1.0 x 20mm
Hex Head Sems
Class 9.8; 10mm Hex
17mm (21/32") Washer O.D.
GM

UNIT PACKAGE: 50



160-141

(N606676-S 2, S100)
Phosphate

M6-1.0 x 22mm
High Hex Head Sems
With Dog Point
Class 9.8; 8mm Hex
19mm (3/4") Washer O.D.
Ford

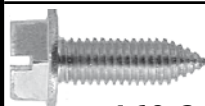
UNIT PACKAGE: 25



160-139

(11503812)
Zinc & Yellow

M6-1.0 x 16mm
Hex Head Sems
Class 9.8; 10mm Hex
18.5mm (47/64") Washer O.D.
GM



160-260

(Chrysler: 34201287;
AMC: 8934201287)
Zinc

M6-1.0 x 20mm
Slotted Hex Washer Head
License Plate Screw
13mm (1/2") Washer Hd. O.D.
10mm Hex
Chrysler, Honda & AMC



A19101

(21075387)
Black Organic

M6-1.0 x 20mm
Torx® Button Head
18mm Washer O.D.
T-30 Drive
Fender To
Upper Engine Rail
GM Saturn 1991-On



A13715

(11503958)
Phosphate

M6-1.0 x 25mm
Hex Washer Head
Class 9.8; 10mm Hex
13mm (1/2")
Washer Hd. O.D.
GM

 160-218 Phosphate M4.2-1.41 x 20mm (#8 x 25/ 32") Hex Head Sems® With Tek® Point 12mm (1/ 2") Washer O.D. 7mm Hex UNIT PACKAGE: 50	 A19653 (N811534-S 61) Black Phosphate M4.2-1.41 x 30mm (#8 x 1- 3/16") Hex Head Sems® 17mm (11/ 16") Washer O.D. 7mm Hex Ford UNIT PACKAGE: 15	 A20455 Black Phosphate M4.8-2.12 x 20mm (#10 x 25/ 32") Phillips Truss Head 14mm Head O.D. Imports UNIT PACKAGE: 50	 A21541 (13144822) Black Zinc M5.5 x 20mm (#12 x 25/ 32") Torx Truss Head T-20 Drive 15mm (19/ 32") Head O.D. Use With Aueveco A21539 & A21540 GM 2011 - On Saab 2003 - On UNIT PACKAGE: 25
 165-269 Phosphate M4.2-1.41 x 25mm (#8 x 1") Round Washer Head Pozi-Drive With Tek® Point 11mm (7/ 16") Washer Head O.D. General Purpose UNIT PACKAGE: 100	 165-275 Black Phosphate M4.8-1.61 x 15mm (#10 x 19/ 32") Phillips Truss Head 14mm (9/ 16") Head O.D. Nissan Bumpers UNIT PACKAGE: 50	 A19251 Black Zinc M5-1.59 x 16mm Phillips Hex Head Sems® 16mm Washer O.D. 8mm Hex UNIT PACKAGE: 50	 165-284 (6501220) Mechanical Zinc & Yellow Chromate M6.3-1.81 x 16mm (#14 x 5/ 8") Torx® Drive Oval Head T-30 Drive 13mm (1/ 2") Head O.D. Door Latch Mounting Chrysler 1996- 86 UNIT PACKAGE: 50
 A20382 (Not Available From O.E.M.) Black Zinc M4.2-1.41 x 25mm (#8 x 1") Torx® Pan Head Sems® T-15 Drive 12mm (1/ 2") Washer O.D. UNIT PACKAGE: 50	 165-233 Black Oxide M4.8-1.61 x 16mm (#10 x 5/ 8") Phillips Truss Head 11mm (7/ 16") Head Dia. Imports UNIT PACKAGE: 100	 165-282 Zinc & Yellow Dichromate M5.5-1.81 x 18mm (#12 x 45/ 64") Hex Head Sems® 15mm (19/ 32") Washer O.D. 8mm Hex Imports UNIT PACKAGE: 50	 165-285 Black Phosphate M6.3-1.81 x 16mm (#14 x 5/ 8") Phillips Truss Head 15mm (19/ 32") Head O.D. Japanese Imports UNIT PACKAGE: 50
 165-270 Black Phosphate M4.2-1.41 x 25mm (#8 x 1") Hex Head Sems® 12mm (1/ 2") Washer O.D. 7mm Hex	 165-276 (90114-SZ3- 000, 90114-SE0-000) Black Electrocoat M4.8-1.61 x 19mm (#10 x 3/ 4") Phillips Truss Head Sems® Washer O.D.: 16mm (5/ 8") Splash Shield & General Purpose Honda 1986 - On	 165-286 (N800312-S 2) Phosphate M6.3-1.81 x 16mm (#14 x 5/ 8") Hex Head Sems® 16mm (5/ 8") Washer O.D. 8mm Hex Ford	



160-156
(N605774-S 2)
Phosphate

M6-1.0 x 25mm
Hex Washer Head
Class 9.8
13mm (1/2")
Washer Hd. O.D.
8mm Hex
Ford

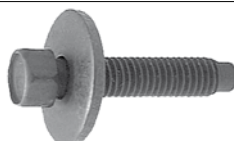
UNIT PACKAGE: 50



160-106
(11503982)
Phosphate

M6-1.0 x 25mm
Hex Head Sems *
Class 9.8; 10mm Hex
24mm (15/16") Washer O.D.
GM

UNIT PACKAGE: 50



A15779
(N606677-S 43B)
Black Zinc Phosphate

M6-1.0 x 28mm
Hex Head Sems * w/ Dog Pt
19mm (3/4") Washer O.D.
8mm Hex
Ford

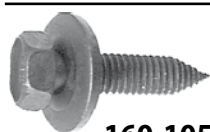
UNIT PACKAGE: 50



A20261
(10287379)
Phosphate

M6-1.0 x 30mm
Hex Head Sems *
Class 9.8; 10mm Hex
20mm (13/16")
Washer O.D.
GM

UNIT PACKAGE: 25



160-105
(11503834,
20351035)
Phosphate

M6-1.0 x 25mm
Hex Head Sems *
Class 9.8; 10mm Hex
17mm (21/32") Washer O.D.
GM

UNIT PACKAGE: 50



160-115
(11504493)
Black Polyseal

M6-1.0 x 25mm
Hex Head Sems *
Class 9.8; 10mm Hex
24mm (15/16") Washer O.D.
GM

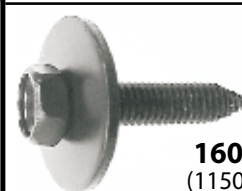
UNIT PACKAGE: 25



160-154
(N606677-S 36)
Zinc & Yellow

M6-1.0 x 28mm
Hex Head Sems * w/ Dog Pt
Class 9.8; 8mm Hex
19mm (3/4") Washer O.D.
Ford

UNIT PACKAGE: 25



160-174
(11503825)
Phosphate

M6-1.0 x 30mm
Hex Head Sems *
Class 9.8; 10mm Hex
24mm (15/16")
Washer O.D.
GM

UNIT PACKAGE: 50



A15788
(11503833)
Zinc

M6-1.0 x 25mm
Hex Head Sems *
17mm (21/32") Washer O.D.
10mm Hex
GM

UNIT PACKAGE: 50



A14947
(N800928-S 45,
N806345-S47, - S433
N801851-S45)
Chrome

M6-1.0 x 26mm
Pan Head Internal
Torx Drive Sems *
14mm Head Diameter
16mm (5/8") Washer O.D.
T-30 Drive
Truck Mirror Mounting
Bracket Bolt
Ford Trucks

UNIT PACKAGE: 25



160-273
(N800947-S ,
AB-181-GG)
Phosphate

M6-1.0 x 28mm
Hex Head Sems *
With Dog Point
Class 9.8
25mm (1") Washer O.D.
8mm Hex
Ford

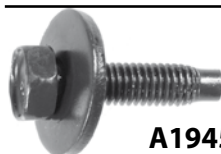
UNIT PACKAGE: 25



A18416
(11505044)
Black Phosphate

M6-1.0 x 35mm
Hex Head Sems *
Class 9.8
17mm (21/32")
Washer O.D.
10mm Hex
GM

UNIT PACKAGE: 50



A19455
(6100567)
Phosphate

M6-1.0 x 25mm
Hex Head Sems *
w/ Dog Point
10mm Hex
19mm (3/4") Washer O.D.
Grille, Fender,
Hood Prop & Latch
Chrysler



A15757
Phosphate

M6-1.0 x 27mm
Hex Head Sems * w/ Dog Pt
Class 9.8; 8mm Hex
19mm (3/4") Washer O.D.



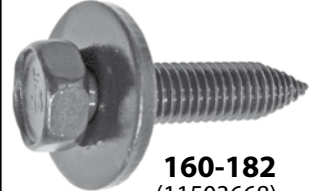
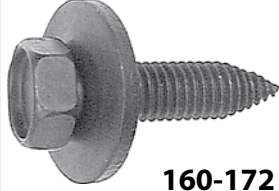
160-180
(6100568)
Phosphate

M6-1.0 x 30mm
Hex Head Sems *
With Dog Point
Class 9.8; 10mm Hex
19mm (3/4") Washer O.D.
Chrysler



160-110
(11501105)
Phosphate

M6.3-1.0 x 20mm
Hex Head Sems *
Class 9.8; 10mm Hex
17mm (21/32")
Washer O.D.
GM

 160-107 (11502790) Zinc M6.3-1.0 x 25mm Hex Head Sems * Class 9.8; 10mm Hex 17mm (21/ 32") Wshr O.D. GM UNIT PACKAGE: 25	 A16361 (N801078-S 58) Phosphate M8-1.25 x 25mm Hex Washer Head With Dog Point 15mm (19/ 32") Washer Head O.D. 10mm Hex Ford UNIT PACKAGE: 50	 160-126 (11500971) Phosphate M8-1.25 x 30mm Hex Washer Head Class 9.8; 13mm Hex 17mm (21/ 32") Washer Head O.D. GM UNIT PACKAGE: 25	 160-122 (11504982) Phosphate M8-1.25 x 35mm Hex Washer Head Class 9.8; 13mm Hex 17mm (21/ 32") Washer Head O.D. GM UNIT PACKAGE: 25
 160-160 (362029m 11509589) Phosphate M8-1.25 x 16mm Hex Washer Head w/Serrations Under The Head & Dog Point 18mm (23/ 32") Washer Head O.D. 13mm Hex GM UNIT PACKAGE: 25	 160-119 (11503632) Black Polyseal M8-1.25 x 25mm Hex Washer Head Class 9.8; 13mm Hex 17mm (21/ 32") Washer Head O.D. GM UNIT PACKAGE: 25	 160-137 (549790, 11500971) Zinc Organic M8-1.25 x 30mm Hex Washer Head Class 9.8; 13mm Hex 17mm (21/ 32") Washer Head O.D. GM UNIT PACKAGE: 25	 160-182 (11503668) Phosphate M8-1.25 x 35mm Hex Head Sems * Class 9.8; 13mm Hex 24mm (15/ 16") Washer O.D. GM UNIT PACKAGE: 25
 160-181 Phosphate M8-1.25 x 20mm Hex Head Sems * Class 9.8; 13mm Hex 24mm (15/ 16") Wshr O.D. UNIT PACKAGE: 25	 A15790 (11505326) Phosphate M8-1.25 x 25mm Hex Head Sems * Class 9.8; 13mm Hex 17mm (21/ 32") Wshr O.D. GM UNIT PACKAGE: 50	 160-172 (11501188) Phosphate M8-1.25 x 30mm Hex Head Sems * Class 9.8; 13mm Hex 24mm (15/ 16") Wshr O.D. GM UNIT PACKAGE: 25	 160-152 (N606692-S 2, AB-187EH) Phosphate M8-1.25 x 42mm Hex Hd. Sems * With Dog Pt. 22mm (7/ 8") Washer O.D. Class 9.8 10mm Hex Ford UNIT PACKAGE: 25
 160-162 (11502605, 11502624, 11509511) Phosphate M8-1.25 x 25mm Hex Washer Head Class 9.8; 13mm Hex 17mm (21/ 32") Wshr Hd OD GM UNIT PACKAGE: 25	 160-171 (11503619) Phosphate M8-1.25 x 25mm Hex Head Sems * Class 9.8; 13mm Hex 24mm (15/ 16") Wshr O.D. GM UNIT PACKAGE: 25	 A15780 (N606690-S 2) Phosphate M8-1.25 x 33mm Hex Head Sems * With Dog Point Class 9.8; 10mm Hex 22mm (7/ 8") Washer O.D. Ford UNIT PACKAGE: 50	



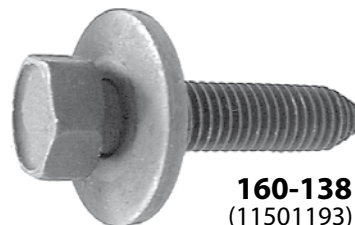
160-150
(N605800-S 2)
Phosphate
M10-1.50 x 25mm
Hex Washer Head
Class 9.8; 13mm Hex
20mm (13/16")
Washer Head O.D.
Ford

UNIT PACKAGE: 25



160-148
(N605920-S 2)
Phosphate
M10-1.50 x 33mm
Hex Washer Head
With Dog Point
Class 9.8; 13mm Hex
20mm (13/16")
Washer Head O.D.
Ford

UNIT PACKAGE: 25



160-138
(11501193)
Phosphate
M10-1.50 x 40mm
Hex Head Sems *
Class 9.8
15mm Hex
29mm (1-5/32")
Washer O.D.
GM

UNIT PACKAGE: 25



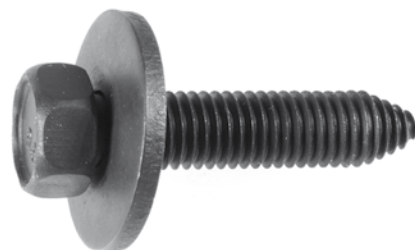
160-175
Phosphate
M10-1.50 x 30mm
Hex Head Sems *
Class 9.8
29mm (1-1/8")
Washer O.D.
15mm Hex

UNIT PACKAGE: 10



A21039
(11516845)
Zinc Organic
M10-1.5 x 35mm
Hex Washer Head Sems *
15mm Hex
25mm (1") Washer O.D.
22mm (7/8")
Washer Head O.D.
GM Front & Rear Bumpers,
Dash, Doors & General
Purpose
1997 - On

UNIT PACKAGE: 10



160-176
Phosphate
M10-1.50 x 45mm
Hex Head Sems *
Class 9.8
15mm Hex
30mm (1-3/16")
Washer O.D.

UNIT PACKAGE: 10



160-101

(11501903)
Black Oxide

M4.2-1.41 x 10mm
(#8 x 13/ 32")
Phillips Washer Head
Pozi-Drive
11mm (7/ 16") Washer Hd. O .D.
GM

UNIT PACKAGE: 100



160-102

(11501883)
Zinc

M4.2-1.41 x 13mm
(#8 x 33/ 64")
Phillips Washer Head
Pozi-Drive
11mm (7/ 16") Washer Hd. O .D.
GM

UNIT PACKAGE: 100



165-252

Black Oxide

M4.2-1.41 x 12mm
(#8 x 15/ 32")
Phillips T russ Head
9.5mm (3/8") Hd. Diameter
Japanese Imports

UNIT PACKAGE: 10

A16596

Same As 165-252
Except For Unit Package

UNIT PACKAGE: 100



160-103

(11501896)
Black Oxide

M4.2-1.41 x 13mm
(#8 x 33/ 64")
Phillips Round Washer Hd
Pozi-Drive
8.5mm (11/32")
Washer Hd . O.D.
GM

UNIT PACKAGE: 100



249-101

(11501794)
Chrome

M4.2-1.41 x 12mm
(#8x 15/ 32")
Phillips Washer Head
Pozi-Drive
10mm (25/ 64") Washer Hd. O .D.
GM

UNIT PACKAGE: 100



165-176

(11505104)
Black Zinc

M4.2-1.41 x 13mm
(#8 x 33/ 64")
Phillips Washer Head
11mm (7/ 16")
Washer Hd . O.D.
GM

UNIT PACKAGE: 50



165-114

(11503394)
Phosphate

M4.2-1.41 x 13mm
(#8 x 33/ 64")
Hex Head Sems
12mm (15/ 32") Wshr O.D.
7mm Hex
GM

UNIT PACKAGE: 100



165-115
(11502843)
Zinc

M4.2-1.41 x 13mm
(#8 x 33/ 64")
Hex Washer Head
9mm (11/ 32") Washer O.D.
7mm Hex
GM

UNIT PACKAGE: 100



165-255
(11504010)
Phosphate

M4.2-1.41 x 13mm
(#8 x 19/ 32")
Indented Hex Head Sems
16mm (5/ 8") Washer O.D.
7mm Hex
GM

UNIT PACKAGE: 50



A21122
Chrome

M4.2-1.41 x 14mm
(#8 x 9/ 16")
Phillips Pozzi Drive
Washer Head Teks
11mm (7/ 16")
Washer Head O.D.

UNIT PACKAGE: 50



165-256
(11515566)
Phosphate

M4.2-1.41 x 14mm
(#8 x 9/ 16")
Hex Head Sems
8mm (5/ 16") Washer O.D.
7mm Hex
GM

UNIT PACKAGE: 50



165-257
(1746408)
Black Zinc

M4.2-1.41 x 16mm
(#8 x 41/ 64")
Phillips Round Washer Hd.
w/Serrations Under The Hd
Pozi-Drive
With Teks Point
11mm (7/ 16")
Washer Head O.D.
Moulding, Trim &
General Purpose
GM

UNIT PACKAGE: 100



165-258
Black Oxide

M4.2-1.41 x 16mm
(#8 x 5/ 8")
Phillips T russ Head
9.5mm (3/ 8") Head Dia.
Honda

UNIT PACKAGE: 100



162-122
(11503395)
Phosphate

M4.2-1.41 x 16mm
(#8 x 5/ 8")
Hex Head Sems
12mm (15/ 32") Washer O.D.
7mm Hex
GM

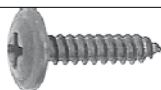
UNIT PACKAGE: 100



165-261
(11503578,
11503785)
Phosphate

M4.2-1.41 x 16mm
(#8 x 5/ 8")
Hex Washer Head Sems
With Teks Point
12mm (1/ 2") Washer O.D.
7mm Hex
GM

UNIT PACKAGE: 50



160-104
(11501884)
Black Oxide

M4.2-1.41 x 20mm
(#8 x 25/ 32")
Phillips Washer Head
11mm (7/ 16") Washer Hd. O.D.
GM

UNIT PACKAGE: 100



249-102
(9420052,
11502483,
11503503)
Chrome

M4.2-1.41 x 20mm
(#8 x 25/ 32")
Phillips Pan Head Sems
Pozi-Drive
12mm (1/ 2") Washer O.D.
GM

UNIT PACKAGE: 50



249-315
(11504056, 11513801)
Phosphate

M4.2-1.41 x 20mm
(#8 x 25/ 32")
Hex Washer Head Sems
12mm (1/ 2") Washer O.D.
7mm Hex
Radiator & Grille
GM

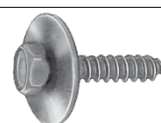
UNIT PACKAGE: 50



165-119
(11503396,
11503483)
Phosphate

M4.2-1.41 x 20mm
(#8 x 25/ 32")
Hex Head Sems
12mm (1/ 2") Washer O.D.
7mm Hex
Front End & Air Cond.
GM

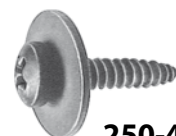
UNIT PACKAGE: 100



160-238
(11503892,
11500434)
Phosphate

M4.2-1.41 x 20mm
(#8 x 25/ 32")
Hex Head Sems
16mm (5/ 8") Washer O.D.
7mm Hex; GM

UNIT PACKAGE: 50



250-469
(N801603-S 2)
Phosphate

M4.2-1.41 x 20mm
(#8 x 25/ 32")
Phillips Pan Head Sems
16mm (5/ 8") Washer O.D.
Ford

UNIT PACKAGE: 50



A20476
Phosphate

M4.2-1.41 x 20mm
(#8 x 25/ 32")
Hex Washer Head
Sems Teks
17mm (11/ 16")
Washer O.D.
7mm Hex
General Purpose

UNIT PACKAGE: 50



160-275
(GM: 14090382;
Chrys: 6506161- AA)
Black Phosphate

M4.2-1.41 x 20mm
(#8 x 25/ 32")
Hex Head Sems
20mm Washer O.D.
7mm Hex
GM

UNIT PACKAGE: 50



160-108
(11500994)
Phosphate

M6.3-1.81 x 16mm
(#14 x 5/8")
Hex Head Sems *
17mm (11/16") Washer O.D.
10mm Hex x
GM

UNIT PACKAGE: 50



165-287
Zinc & Yellow
Dichromate

M6.3-1.81 x 18mm
(#14 x 23/32")
Hex Head Sems *
22mm (7/8") Washer O.D.
10mm Hex x
Honda, Nissan, Toyota

UNIT PACKAGE: 25



160-169
(N610959-S 2)
Phosphate

M6.3-1.81 x 19mm
(#14 x 3/4")
Hex Washer Head
11.5mm (29/64") Washer O.D.
8mm Hex
Ford

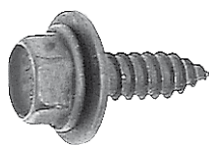
UNIT PACKAGE: 50



A20556
Black Zinc

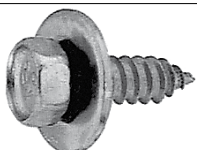
M6.3-1.81 x 20mm
(#14 x 25/32")
Phillips Hex Head Sems *
16mm (5/8") Washer O.D.
10mm Hex x
Imports

UNIT PACKAGE: 50



160-129
(11505022)
Black Polyseal Finish

M6.3-1.81 x 20mm
(#14 x 25/32")
Hex Washer Head Sems *
17mm (11/16") Washer O.D.
10mm Hex x
GM



160-258
Zinc & Yellow Dichromate

M6.3-1.81 x 20mm
(#14 x 25/32")
Hex Head Sems *
18mm (45/64") Washer O.D.
10mm Hex x
Honda, Nissan, & Toyota

UNIT PACKAGE: 25



A20557
Black Zinc

M6.3-1.81 x 20mm
(#14 x 25/32")
Phillips Hex Head Sems *
20mm (25/32") Washer O.D.
10mm Hex x
Imports

UNIT PACKAGE: 50



160-120
(11500996, 11505023)
Phosphate

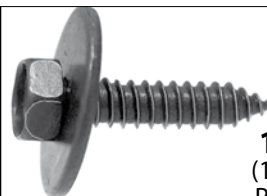
M6.3-1.81 x 25mm
(#14 x 1")
Hex Head Sems *
17mm (21/32") Washer O.D.
10mm Hex x
GM

UNIT PACKAGE: 50



160-132
(11500997)
Phosphate

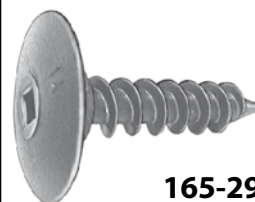
M6.3-1.81 x 30mm
(#14 x 1-3/16")
Hex Head Sems *
17mm (21/32") Washer O.D.
10mm Hex x
GM



160-134
(11504981)
Phosphate

M6.3-1.81 x 30mm
(#14 x 1-3/16")
Hex Head Sems *
24mm (15/16") Washer O.D.
10mm Hex x
GM

UNIT PACKAGE: 50



165-291
(Chrys: 6503819, 6503401;
GM: 25631448)
Black Nylon

M7.5 x 35mm
Square Drive Truss Head
22mm Head Diameter
9mm Shoulder Diameter
Foam To Bumper Fastener
Chrysler
1993-On
GM 1997 - On

UNIT PACKAGE: 15



160-128
(11500086)
Phosphate

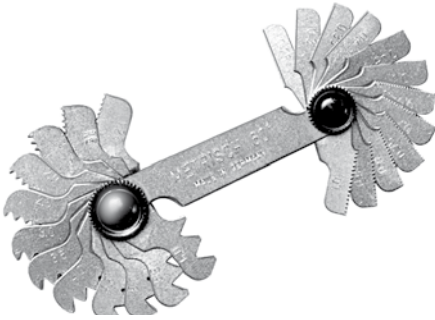
M8-2.12 x 20mm
(5/16"-12 x 25/32")
Hex Washer Head
16mm (5/8") Washer Hd. O.D.
13mm Hex x
GM

UNIT PACKAGE: 25



A21517
(25705182)
Black Nylon

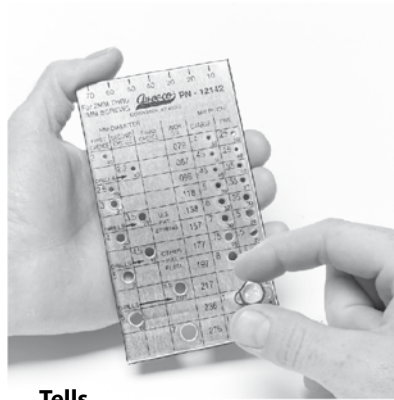
M9.5 x 46mm
Square Drive Truss Head
22mm Head Diameter
GM



A7955

Metric Screw Pitch Gauge:
Pitch Capacity 0.25 to 6mm
24 Blades

UNIT PACKAGE: 1



Metric Screw Checker

5487

For I.S.O . Metric Screws From
8mm (0. 315")
Thru 14mm (0.551")

UNIT PACKAGE: 1

Tells

Length in millimeters
Tap series
I.S. O. preference rating
Diameter (in millimeters)
Pitch (in millimeters)
Clearance Drill size
Tap Drill Size
Basic Diameter (in inches)

Includes :

Instructions on how to use in
identifying screws as well as how
to use the Screw Checker for
cutting and straightening screws
and cleaning screw threads.
There is also a Decimal
Equivalent Chart for drill sizes.

Fractions, Decimals and Millimetres

Inches		MM
Fractions	Decimals	
	.0004	.01
	.004	.10
	.01	.25
1/64	.0156	.397
	.0197	.50
	.0295	.75
1/32	.03125	.794
	.0394	1.00
3/64	.0469	1.191
	.059	1.5
1/16	.0625	1.588
5/64	.0781	1.984
	.0787	2.
3/32	.094	2.381
	.0984	2.5
7/64	.109	2.778
	.1181	3.
1/8	.125	3.175
	.1378	3.5
9/64	.141	3.572
5/32	.156	3.969
	.1575	4.
11/64	.172	4.366
	.177	4.5
3/16	.1875	4.763
	.1969	5.
13/64	.203	5.159
	.2165	5.5
7/32	.219	5.556
15/64	.234	5.953
	.2362	6.
1/4	.250	6.350
	.2559	6.5
17/64	.2656	6.747
	.2756	7.
9/32	.281	7.144
	.2953	7.5
19/64	.297	7.541
5/16	.3125	7.938
	.315	8.
21/64	.328	8.334
	.335	8.5
11/32	.344	8.731
	.3543	9.
23/64	.359	9.128
	.374	9.5
3/8	.375	9.525
25/64	.391	9.922
	.3937	10.
13/32	.406	10.319
	.413	10.5
27/64	.422	10.716
	.4331	11.
7/16	.438	11.113
29/64	.453	11.509
15/32	.469	11.906
	.4724	12.
31/64	.484	12.303

Inches		MM
Fractions	Decimals	
	.492	12.5
1/2	.500	12.700
	.5118	13.
33/64	.5156	13.097
17/32	.531	13.494
35/64	.547	13.891
	.5512	14.
9/16	.563	14.288
	.571	14.5
37/64	.578	14.684
	.5906	15.
19/32	.594	15.081
39/64	.609	15.478
5/8	.625	15.875
	.6299	16.
41/64	.6406	16.272
	.6496	16.5
21/32	.656	16.669
	.6693	17.
43/64	.672	17.066
11/16	.6875	17.463
45/64	.703	17.859
	.7087	18.
23/32	.719	18.256
	.7283	18.5
47/64	.734	18.653
	.7480	19.
3/4	.750	19.050
49/64	.7656	19.447
25/32	.781	19.844
	.7874	20.
51/64	.797	20.241
13/16	.8125	20.638
	.8268	21.
53/64	.828	21.034
27/32	.844	21.431
55/64	.859	21.828
	.8661	22.
7/8	.875	22.225
57/64	.8906	22.622
	.9055	23.
29/32	.9062	23.019
59/64	.922	23.416
15/16	.9375	23.813
	.9449	24.
61/64	.953	24.209
31/32	.969	24.606
	.9843	25.
63/64	.9844	25.003
1	1.000	25.400
	1.0236	26.
1-1/32	1.0312	26.194
1-1/16	1.062	26.988
	1.063	27.
1-3/32	1.094	27.781
	1.1024	28.
1-1/8	1.125	28.575
	1.1417	29.

Inches		MM
Fractions	Decimals	
1-5/32	1.156	29.369
	1.1811	30.
1-3/16	1.1875	30.163
1-7/32	1.219	30.956
	1.2205	31.
1-1/4	1.250	31.750
	1.2598	32.
1-9/32	1.281	32.544
	1.2992	33.
1-5/16	1.312	33.338
	1.3386	34.
1-11/32	1.344	34.131
1-3/8	1.375	34.925
	1.3779	35.
1-13/32	1.406	35.719
	1.4173	36.
1-7/16	1.438	36.513
	1.4567	37.
1-15/32	1.469	37.306
	1.4961	38.
1-1/2	1.500	38.100
1-17/32	1.531	38.894
	1.5354	39.
1-9/16	1.562	39.688
	1.5748	40.
1-19/32	1.594	40.481
	1.6142	41.
1-5/8	1.625	41.275
	1.6535	42.
1-21/32	1.6562	42.069
1-11/16	1.6875	42.863
	1.6929	43.
1-23/32	1.719	43.656
	1.7323	44.
1-3/4	1.750	44.450
	1.7717	45.
1-25/32	1.781	45.244
	1.8110	46.
1-13/16	1.8125	46.038
1-27/32	1.844	46.831
	1.8504	47.
1-7/8	1.875	47.625
	1.8898	48.
1-29/32	1.9062	48.419
	1.9291	49.
1-15/16	1.9375	49.213
	1.9685	50.
1-31/32	1.969	50.006
2	2.000	50.800
	2.0079	51.
2-1/32	2.03125	51.594
	2.0472	52.
2-1/16	2.062	52.388
	2.0866	53.
2-3/32	2.094	53.181
2-1/8	2.125	53.975
	2.126	54.
2-5/32	2.156	54.769

Fractions, Decimals and Millimetres

Inches		MM
Fractions	Decimals	
	2.165	55.
2-3/16	2.1875	55.563
	2.2047	56.
2-7/32	2.219	56.356
	2.244	57.
2-1/4	2.250	57.150
2-9/32	2.281	57.944
	2.2835	58.
2-5/16	2.312	58.738
	2.3228	59.
2-11/32	2.344	59.531
	2.3622	60.
2-3/8	2.375	60.325
	2.4016	61.
2-13/32	2.406	61.119
2-7/16	2.438	61.913
	2.4409	62.
2-15/32	2.469	62.706
	2.4803	63.
2-1/2	2.500	63.500
	2.5197	64.
2-17/32	2.531	64.294
	2.559	65.
2-9/16	2.562	65.088
2-19/32	2.594	65.881
	2.5984	66.
2-5/8	2.625	66.675
	2.638	67.
2-21/32	2.656	67.469
	2.6772	68.
2-11/16	2.6875	68.263
	2.7165	69.
2-23/32	2.719	69.056
2-3/4	2.750	69.850
	2.7559	70.
2-25/32	2.781	70.6439
	2.7953	71.
2-13/16	2.8125	71.4376
	2.8346	72.
2-27/32	2.844	72.2314
	2.8740	73.
2-7/8	2.875	73.025
2-29/32	2.9062	73.819
	2.9134	74.
2-15/16	2.9375	74.613
	2.9527	75.
2-31/32	2.969	75.406
	2.9921	76.
3	3.000	76.200
3-1/32	3.0312	76.994
	3.0315	77.
3-1/16	3.062	77.788
	3.0709	78.
3-3/32	3.094	78.581
	3.1102	79.
3-1/8	3.125	79.375
	3.1496	80.
3-5/32	3.156	80.169

Inches		MM
Fractions	Decimals	
3-3/16	3.1875	80.963
	3.1890	81.
3-7/32	3.219	81.756
	3.2283	82.
3-1/4	3.250	82.550
	3.2677	83.
3-9/32	3.281	83.344
	3.3071	84.
3-5/16	3.312	84.1377
3-11/32	3.344	84.9314
	3.3464	85.
3-3/8	3.375	85.725
	3.3858	86.
3-13/32	3.406	86.519
	3.4252	87.
3-7/16	3.438	87.313
	3.4646	88.
3-15/32	3.469	88.106
3-1/2	3.500	88.900
	3.5039	89.
3-17/32	3.531	89.694
	3.5433	90.
3-9/16	3.562	90.4877
	3.5827	91.
3-19/32	3.594	91.281
	3.622	92.
3-5/8	3.625	92.075
3-21/32	3.656	92.869
	3.6614	93.
3-11/16	3.6875	93.663
	3.7008	94.
3-23/32	3.719	94.456
	3.7401	95.
3-3/4	3.750	95.250
	3.7795	96.
3-25/32	3.781	96.044
3-13/16	3.8125	96.838
	3.8189	97.
3-27/32	3.844	97.631
	3.8583	98.
3-7/8	3.875	98.425
	3.8976	99.
3-29/32	3.9062	99.219
	3.9370	100.
3-15/16	3.9375	100.013
3-31/32	3.969	100.806
	3.9764	101.
4	4.000	101.600
4-1/16	4.062	103.188
4-1/8	4.125	104.775
	4.1338	105.
4-3/16	4.1875	106.363
4-1/4	4.250	107.950
4-5/16	4.312	109.538
	4.3307	110.
4-3/8	4.375	111.125
4-7/16	4.438	112.713
4-1/2	4.500	114.300

Inches		MM
Fractions	Decimals	
	4.5275	115.
4-9/16	4.562	115.888
4-5/8	4.625	117.475
4-11/16	4.6875	119.063
	4.7244	120.
4-3/4	4.750	120.650
4-13/16	4.8125	122.238
4-7/8	4.875	123.825
	4.9212	125.
4-15/16	4.9375	125.413
5	5.000	127.000
	5.1181	130.
5-1/4	5.250	133.350
5-1/2	5.500	139.700
	5-5118	140.
5-3/4	5.750	146.050
	5.9055	150.
6	6.000	152.400
6-1/4	6.250	158.750
	6.2992	160.
6-1/2	6.500	165.100
	6.6929	170.
6-3/4	6.750	171.450
7	7.000	177.800
	7.0866	180.
	7.4803	190.
7-1/2	7.500	190.500
	7.8740	200.
8	8.000	203.200
	8.2677	210.
8-1/2	8.500	215.900
	8.6614	220.
9	9.000	228.600
	9.0551	230.
	9.4488	240.
9-1/2	9.500	241.300
	9.8425	250.
10	10.000	254.001
	10.2362	260.
	10.6299	270.
11	11.000	279.401
	11.0236	280.
	11.4173	290.
	11.8110	300.
12	12.000	304.801
13	13.000	330.201
	13.7795	350.
14	14.000	355.601
15	15.000	381.001
	15.7480	400.
16	16.000	406.401
17	17.000	431.801
	17.7165	450.
18	18.000	457.201
19	19.000	482.601
	19.6850	500.
20	20.000	508.001

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