Î ABP (Î	Т	he Be	st. Soi	irce of	F All '	Your S	Screws	and H	land To	nols		<b>P P P P P P P P P P</b>	
The Best Source of All Your Screws and Hand Tools  HEAVY HEXAGON HEAD BOLT ASTM-A325+NUT:A563+WASHER:F436													
สกรูพร้อมน็	เอตและ :	1 แหวน	อีแปะ "A	\325"								A12	
STANDARD ASTM-A325													
			<u> </u>	A	100	MATE	RIAL	STEEL	EEL				
				200	)\*\	I	COATING BLAC						
nep .	ABP	9	-  K   -	*D'	S	CODE			63,BFP4	S	C4-5		
d (Diameter)	·	M12				UPDA M24	1⊑   M27 M30	01-04-20 0 M33	M36	M39	M42		
		1.75 7.5	2.0 2 8.7 1	.0 2.5 0 12.5	2.5 14		3.0 3.5 17 18.		4.0 22.5	4.0	4.5		
s (Width acr	s (Width across flat) 2		24 2	7 34	36	41 4	46 50	., 21	60				
Length	Length สกรู+1หัว+1อีแปะ A325 ราคาชุดละ (BOLT+1NUT+1WASHER / PRICE PER SET)												
(mm.)	M12	M14	M16	M20	M22	M24	M27	M30	M33	M36	M39	M42	
30	<b>◎</b> 50	-	-	-	-	-	-	-	-	-	-	-	
35	© 50	-	© 25	-	-	-	-	-	-	-	-	-	
40	© 50	<b>◎</b> 50	<b>◎</b> 25	<b>☺</b> 25	-	-	-	บนเส้นคู่=เกลีย		ยวตลอด (	FULL THI	READ)	
45	<b>◎</b> 50	© 50	© <sub>25</sub>	<b>②</b> 25	-	-	-	-	-	-	-	-	
50	© 50	© 50	© 25	© 25	© 25	-	-	-	-	-	-	-	
55	© 50	<b>◎</b> 50	<b>③</b> 25	© 25	© 25	<b>⊚</b> 100	-		-	-	-	-	
60	<b>③</b> 50	<b>©</b> 50	© 25	© 25	© 25	© 80	-	-	ı	1	-	-	
65	<b>③</b> 50	© 50	<b>②</b> 25	© 25	<b>③</b> 25	© 80	-	-	-	-	-	-	
70	<b>③</b> 50	<b>◎</b> 50	<b>②</b> 25	© 25	(a)	© 70	<b>3</b> 20	© 10	-	-	-	-	
75	<b>⊚</b> 50	© 25	© 25	© 25	© 100	© 60	<b>③</b> 20	© 10	-	-	-	-	
80	<b>⊕</b> 50	<b>②</b> 25	© 25	© 25	© 100	<b>©</b> 60	© 20	<b>◎</b> 10	-	-		-	
85-90	<b>◎</b> 50	© 25	© 25	③ 25	© 80	© 60	<b>3</b>	<b>◎</b> 10	-	-	-	-	
95-100	<b>◎</b> 50	© 25	© 25	© 25	© 80	© 60	© 15	© 10	-	3	-	-	
105-110	<b>③</b> 50	② 25	<b>②</b> 25	③ 20	<b>③</b>	© 50	© 10	<b>②</b>	<b>③</b>	© 5	3	-	
120	<b>◎</b> 50	© 25	© 25	③ 20	<b>③</b>	© 50	③ 10	© 10	<b>③</b>	<b>©</b> 5	<b>©</b>	) -	
130	<b>◎</b> 50	② 25	© 25	© 20	<b>©</b> 60	<b>◎</b> 40	<b>3</b>	<b>◎</b> 10	<b>3</b>	◎ 5	3	5 -	
140	<b>3</b> 50	© 25	© 25	© 20	<b>③</b>	<b>③</b> 40	<b>3</b>	<b>③</b>	<b>③</b> 10	◎ 5	3	<del>-</del>	
145-150	© 50	© 25	© 25	© 20	© 60	<b>③</b> 40	<b>3</b>	© 10	© 10	© 5	9	<del>-</del>	
160		-	-	20	0	© 40	<b>③</b> 10	© <sub>10</sub>	<b>©</b>	<b>③</b>	3	-	
170	-	-	-	© 20	©	<b>◎</b> 40	9	© 10	© 10	© ©	©	-	
180	-	-	-	9	9	© 40	-	9	© 10	© 5	3	-	
200 345	-	-	-	© -	9	③ 40	-	<b>9</b>	(D) 10	© 5	9 -	-	
400						<u> </u>		-	-	-	-	-	
450	เตเส็นเ -	ๆ=เกลยวค -	ารึ่ขง (PAR   -	HAL THR	EAD)	-	-	-	-	-	<u> </u>	-	
600	-	-	-	-	-	-	-	☺	<b>©</b>	<b>©</b>	-	-	
690	-	-	-	-	-	-	-	-	-	-	-	<b>©</b>	
700	-	-	-	-	-	-	-	<b>©</b>	-	-	-	-	
หัวน็อต HE	X NUTS	A563	ı	1			1			B <b>563</b>		1.4	
d (Diameter)		M12 M1		M20 M22		M27 M30					Bo		
p (pitch) m (Head Thic		1.75 2. 12 14	1 16	2.5 2.5 20 22	24	28 30	36		DBP				
s (Width acr	07	22 24		34 36 M20	41 M22	46 50 M <b>24</b>	60 M27	M30	M33	M36	M39	M42	
Size		M11	IVI I IO		144	1124			1100	1100	1103	1172	
Size หัวน๊อต	M12 ©	M14 ⊚	M16 ©	<b>©</b>	3	<b>©</b>	☺	☺	☺	☺	<b>©</b>	⊚	
<b>หัวน็อต</b> HEX NUT A563	M12 ©	<b>⊚</b> 100	© 100		<b>©</b> 40	© 30	30	75	<b>©</b>		<b>©</b>	©	
หัวน็อต HEX NUT A563 แหวนอีแปะ d (Diameter)	M12 ⊕ 200 ≥ WASHE	© 100 ER F436 M12	© 100 100 M14 M16	© 70 M20 M	40 122 M24	30 M27	30 M30 M36	75	<b>3</b>	© F436			
หัวน็อต HEX NUT A563 <b>แหวนอีแปะ</b> d (Diameter) d2	M12 © 200 WASHE	© 100 ER F436 M12 M 26 2	© 100 100 M14 M16 29 33	© 70 M20 M	40 122 M24 14 49	M27 1	30	75	©		© ABP	(a)	
หัวน็อต HEX NUT A563 แหวนอีแปะ d (Diameter)	M12 © 200 WASHE	© 100 ER F436 M12 M 26 2	© 100 100 M14 M16	© 70 M20 M	40 122 M24 14 49	M27 1	M30 M36	75	© M33 ©		<ul><li>⊕</li><li>M39</li><li>⊕</li></ul>	⊕ M42	

## The Best Source of All Your Screws and Hand Tools HEAVY HEXAGON HEAD BOLT ASTM-A325+NUT:A563+WASHER:F436 HOT DIP GALVANIZED H.D.G A13 สกรูพร้อมน็อตและ 1 แหวนอีแปะ "A325" HOT DIP GALVANIZED (H.D.G.) STANDARD ASTM-A**325** MATERIAL STEEL COATING HDG. CODE AHD**325**S C4-6 **UPDATE** 01-04-2011 M12 M14 M16 M22 M36 M39 M42 d (Diameter) M20 M24 M27 M30 МЗЗ p (pitch) 1.75 3.5 4.5 2.0 2.0 2.5 2.5 3.0 3.0 3.5 4.0 4.0 k (Head Thickness) 7.5 10 12.5 14 15 17 18.7 21 22.5 s (Width across flat) 34 22 27 36 50 60 24 41 46 b 26 31 36 41 49 38 44

Length	สกรู+1หัว+1อีแปะ A325 HDG ราคาชุดละ (BOLT+1NUT+1WASHER / PRICE PER SET)											
(mm.)	M12	M14	M16	M20	M22	M24	M27	M30	M33	M36	M39	M42
30	<b>◎</b> 50	-	-	-	-	-	-	-	-	-	-	-
35	© 50	-	<b>©</b> 25	-	-	-	-	-	-	-	-	-
40	<b>③</b> 50	<b>③</b> 50	<b>©</b> 25	© 25	-	-	-	บนเ	ส้นคู่=เกลีย	ยวตลอด (F	ULL THR	EAD)
45	<b>③</b> 50	<b>◎</b> 50	<b>©</b> 25	© 25	1	-	-	-	-	-	-	-
50	<b>③</b> 50	<b>◎</b> 50	<b>②</b> 25	<b>©</b> 25	<b>③</b> 25	-	-	<u> </u>	-	-	-	-
55	<b>③</b> 50	©	<b>©</b> 25	<b>②</b> 25	<b>③</b> 25	③ 100	-	-	-	-	-	-
60	<b>◎</b> 50	<b>③</b> 50	<b>②</b> 25	<b>②</b> 25	② 25	<b>③</b> 80	-	-	-	-	-	-
65	<b>③</b> 50	<b>③</b> 50	<b>②</b> 25	<b>②</b> 25	© 25	<b>③</b>	<b>©</b>	-	-	-	-	-
70	<b>③</b> 50	<b>③</b> 50	<b>②</b> 25	<b>②</b> 25	© 100	<b>③</b> 70	<b>©</b>	<b>©</b>	-	-	-	-
75	© 50	<b>②</b> 25	<b>②</b> 25	<b>②</b> 25	© 100	<b>③</b> 60	3 20	<b>©</b>	-	-		-
80	<b>②</b> 50	<b>②</b> 25	<b>②</b> 25	<b>②</b> 25	100	© 60	② 20	☺		-	-	-
85-90	<b>◎</b> 50	© 25	25	② 25	© 80	<b>©</b> 60	30 20	3	-			-
95-100	<b>◎</b> 50	② 25	<b>②</b> 25	© 25	© 80	© 60	<b>③</b> 15	<b>②</b> 10	<b>©</b>	<b>©</b>	9	<b>©</b>
110	© 50	② 25	<b>②</b> 25	② 20	<b>©</b> 60	<b>◎</b> 50	<b>③</b> 10	<b>◎</b> 10	© 10	<b>◎</b> 5	9	<b>©</b>
120	© 50	② 25	© 25	20	© 60	<b>③</b> 50	3 10	© 10	<b>③</b>	<b>◎</b> 5	3	<b>©</b>
130	© 50	© 25	25	© 20	© 60	<b>③</b> 40	3 10	© 10	© 10	© 5	(3)	<b>©</b>
140	<b>3</b> 50	<b>③</b> 25	<b>②</b> 25	<b>②</b> 20	<b>©</b> 60	<b>③</b>	<b>◎</b> 10	© 10	<b>③</b>	<b>②</b> 5	<b>©</b>	<b>©</b>
150	<b>③</b> 50	<b>◎</b> 25	<b>©</b> 25	© 20	<b>©</b> 60	<b>③</b>	<b>3</b>	<b>②</b> 10	<b>②</b> 10	© 5	Θ	<b>©</b>
160	-	-	© 25	© 20	<b>③</b>	<b>③</b>	<b>3</b>	© 10	<b>③</b> 5	<b>◎</b> 5	<b>©</b>	<b>©</b>
165	-	-	-	-	•	-	-	-	-	-	-	<b>©</b>
170	ใต้เส้นคู่=เกลียวครึ่ง (PARTIAL THREAD)					-	3	<b>©</b>	Θ	<b>©</b>	©	
180	-	-	-	-	-	-	<b>©</b>	<b>©</b>	Θ	⊚	<b>©</b>	<b>©</b>
190	-	-	-	⊜	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	⊚	3	Θ	3	-

์ หัวน็อต HEX NUTS A563 HDG.										ВН	D <b>563</b>		- 1
d (Diameter)		M12	M14 M16	M20 N	122 M:	24 M27	M30	M36					
p (pitch)		1.75	2.0 2.0	2.5 2	2.5 3.	.0 3.0	3.5	4.0		ΩBP		1:12	<del>((())</del>
m (Head Thickness)		12	14 16	20 2	20 22 24		30	36				ALD,	
s (Width acr	oss flat)	22	24 27	34 3	36 4	1 46	50	60				* * *	
Size	M12	M14	M16	M20	M2	22 M	24	M27	M30	M33	M36	M39	M42
หัวน็อต HDG	น็อต HDG 😊 😊 😊		<b>©</b>	<b>©</b>	(2)		<b>9</b>	0	<b>©</b>	<b>©</b>	<b>©</b>	3	3
HEX NUT A563					70	40	30	30					
แหวนอีแปะ	ER F43	6 HDG.							BF	H436		la <	
d (Diameter)		M12	M14 M1	6 M20	M22	M24 M	27 M	130 M36				#_6	
d <b>2</b>	26	29 33	41	44	49 5	6 6	30		HBP	7	NISC	7	
s (Thickness	3)	3.2	3.2 4.5	4.5	6	6 6	8	3				_ <del> </del>	12
Size	M12	M14	M16	M20	M2	22 M	24	M27	M30	M33	M36	M39	M42
อีแปะ HDG	☺	☺	<b>©</b>	<b>©</b>	@		⊚	☺	☺	☺	<b>©</b>	<b>©</b>	☺
WASHER F436					1								

## The Best Source of All Your Screws and Hand Tools HEAVY HEXAGON HEAD BOLT ASTM-A325+NUT:A563+WASHER:F436 (INCH) A13.1 สกรูพร้อมน๊อตและ 1 แหวนอีแปะ "A325" (หุน) STANDARD ASTM-A**325** MATERIAL STEEL COATING **BLACK** CODE A325,B563,BFP436,A325S C4-5A **UPDATE** 28-09-2011 d (Diameter) 3/8 1/2 5/8 3/4 7/8 1.1/8 1.1/4 1.1/2 p (pitch) 16 13 10 9 8 8 k (Head Thickness) s (Width across flat) สกรู+1หัว+1อีแปะ A325 ราคาชุดละ (BOLT+1NUT+1WASHER / PRICE PER SET) Length 3/8 3/4 7/8 1.1/8 1.1/2 1/2 5/8 1.1/4 (mm.) 1.1/2**© © © ©** 1.3/4 0 (3) <u>©</u> <u>©</u> \_ \_ \_ \_ 2" <u>©</u> **© ©** <u>©</u> **© ©** ---٥ 2.1/4 **© © © © ©** \_ 2.1/2 <u>©</u> <u>©</u> <u>©</u> <u>©</u> <u>©</u> <u>©</u> 2.3/4 **©** \_ - ---\_ -3" 0 (3) 0 0 0 0 0 **©** 3.1/4 **©** <u>©</u> <u>©</u> **©** @ @ **© © © © ©** 3.1/2 <u>©</u> (3) -4" **©** <u>©</u> (3) **©** (3) **©** 0 <u>©</u> (3) **©** 4.1/2 (3) 3 3 **©** 3 ☺ 5" **© © © ©** 0 0 **©** 0 0 **© ©** 5.1/2 (3) 0 (3) **©** (3) 0 6" **© © © ©** <u>©</u> **© © © © ©** (3) **©** 6.1/2 <u>©</u> **©** 0 0 <u>©</u> **©** 7" **©** (3) 3 3 (3) **©** (3) (3) 8" **© ©** 0 0 0 0 0 **©** 0 9" **© ©** 0 0 0 (3) **©** (3) 10" <u>©</u> 3 **©** <u>©</u> **© ©** (3) 11" 0 **©** 0 <u>©</u> 0 (3) **©** 12" **©** (2) **©** หัวน็อต HEX NUTS A563 B**563** 1.1/8 1.1/4 1.1/2 d (Diameter) 3/8 1/2 5/8 3/4 1" 7/8 p (pitch) 13 10 9 8 8 8 m (Head Thickness) s (Width across flat) 1" 1.1/8 Size 3/8 1/2 5/8 3/4 7/8 1.1/4 1.1/2 หัวน็อต ☺ (3) (3) (3) (3) (3) ☺ HEX NUT A563 แหวนอีแปะ WASHER F436 F436 d (Diameter) 3/8 1/2 5/8 3/4 7/8 1.1/8 1.1/4 1.1/2 s (Thickness) 1" Size 3/8 1/2 5/8 3/4 7/8 1.1/8 1.1/4 1.1/2อีแปะ ☺ (3) ٥ ☺ (3) ٥ ٥ ☺ ٥

WASHER F436