



**Miscellaneous
Bolts**

C
Carriage Bolts D-3

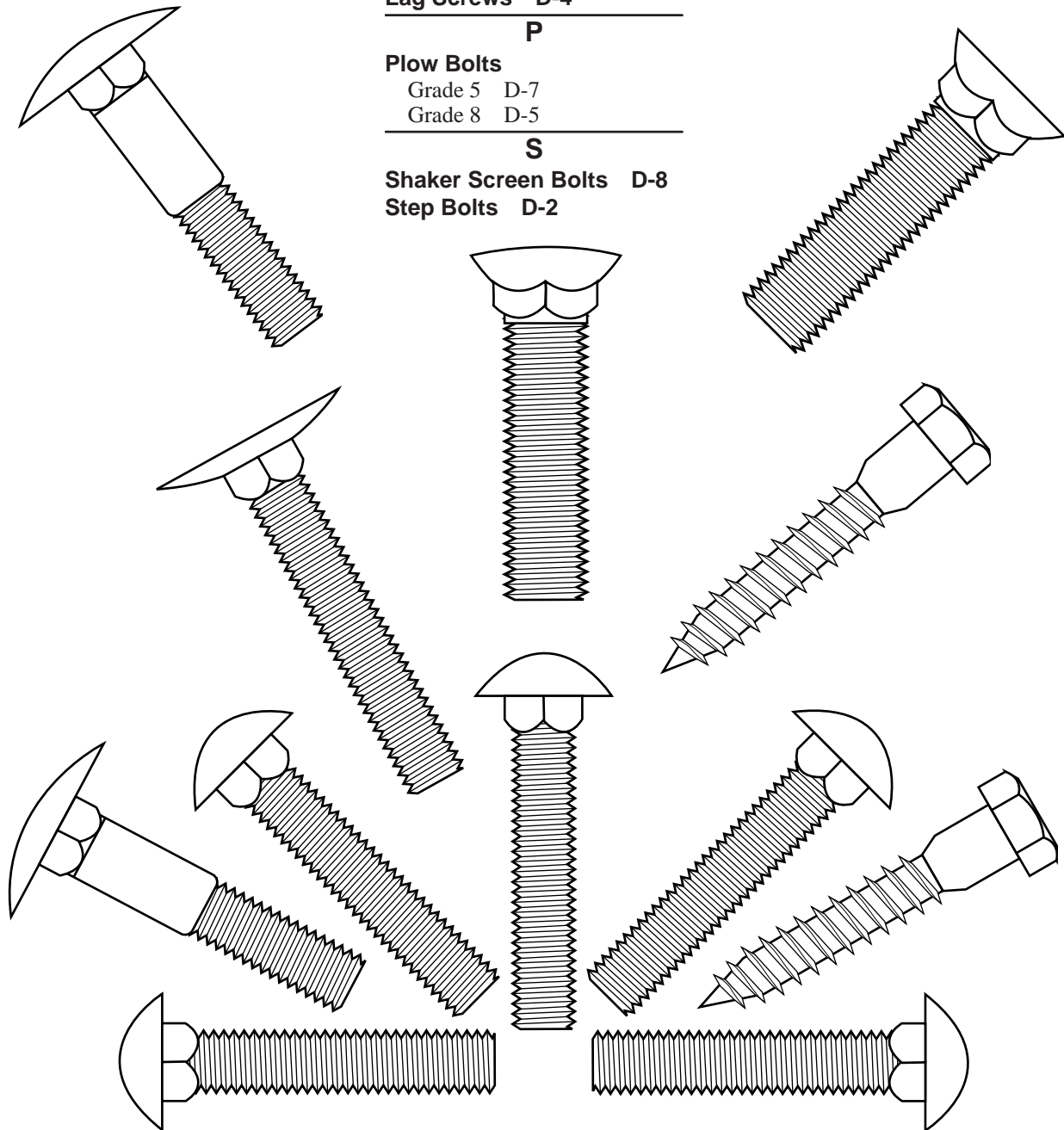
E
Elevator Bolts D-2

J
J-Bolts D-7

L
Lag Screws D-4

P
Plow Bolts
Grade 5 D-7
Grade 8 D-5

S
Shaker Screen Bolts D-8
Step Bolts D-2



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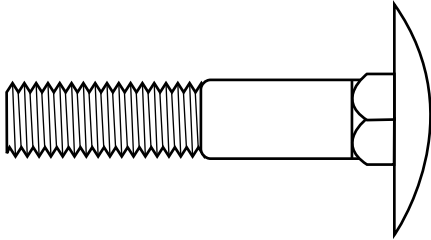


IBS, INCORPORATED
Step Bolts D01 & Elevator Bolts D02

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Step Bolts

- Zinc plated to protect against corrosion



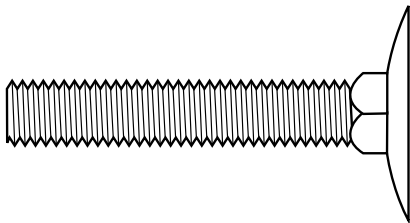
Features

- Large full head
- Full formed square neck
- Clean sharp rolled threads

1/4-20			5/16-18			3/8-16		
IBS No.	Length	Qty	IBS No.	Length	Qty	IBS No.	Length	Qty
3241	1"	100	3253	1-1/2"	50	3261	1-1/2"	50
3242	1-1/4"	100						

Elevator Bolts

- Ideal for conveyors, machine repair & bowling alley sweeps
- Zinc plated to protect against corrosion



Features

- Large round head
- Full formed square neck
- Clean sharp rolled threads

1/4-20			5/16-18			3/8-16		
IBS No.	Length	Qty	IBS No.	Length	Qty	IBS No.	Length	Qty
3266	1"	100	3276	1"	50	3287	1-1/2"	50
3267	1-1/4"	100	3278	1-1/2"	50			
3268	1-1/2"	100	3280	2"	50			
3269	2"	100	3281	2-1/2"	50			

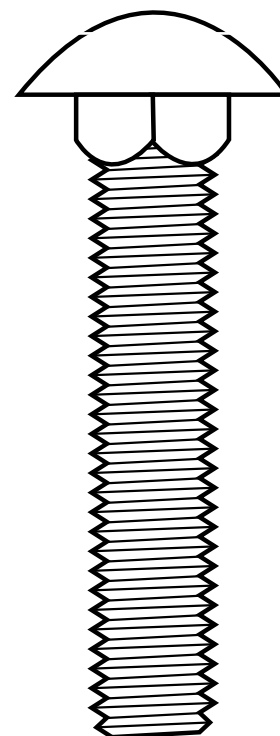


Carriage Bolts

- Zinc plated to protect against corrosion.
- Square, sharp neck prevents bolt from turning when nut is tightened.
- Large, round head.

10-24 (3/16")			1/4-20			5/16-18		
IBS No.	Length	Qty	IBS No.	Length	Qty	IBS No.	Length	Qty
3300	3/4"	100	3308	3/4"	100	3330	3/4"	100
3301	1"	100	3309	1"	100	3331	1"	100
3302	1-1/4"	100	3310	1-1/4"	100	3332	1-1/4"	100
3303	1-1/2"	100	3311	1-1/2"	100	3333	1-1/2"	100
			3312	1-3/4"	100	3335	2"	100
			3313	2"	100	3337	2-1/2"	100
			3315	2-1/2"	100	3339	3"	100
			3317	3"	100	3340	3-1/2"	50
			3318	3-1/2"	100	3341	4"	50
			3319	4"	100			

3/8-16			1/2-13		
IBS No.	Length	Qty	IBS No.	Length	Qty
3352	1"	100	3382	1-1/2"	50
3353	1-1/4"	100	3383	1-3/4"	50
3354	1-1/2"	100	3384	2"	50
3355	1-3/4"	100	3386	2-1/2"	50
3356	2"	100	3388	3"	50
3358	2-1/2"	50	3389	3-1/2"	25
3360	3"	50	3390	4"	25
3361	3-1/2"	50	3392	5"	25
3362	4"	50			



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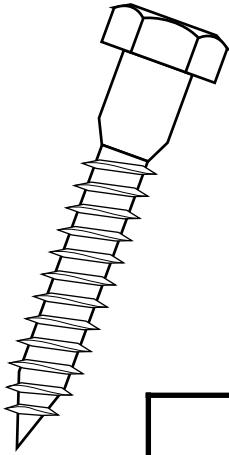


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Lag Screws D04

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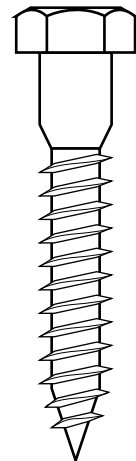


Lag Screws

- Zinc plated to protect against corrosion
- Accepts any standard wrench
- Clean well formed threads
- Deep threads with wide pitch
- Cleanly trimmed head

1/4"			5/16"		
IBS No.	Length	Qty	IBS No.	Length	Qty
3500	1"	100	3513	1"	100
3502	1-1/2"	100	3517	1-1/2"	100
3504	2"	100	3519	2"	100
3505	2-1/2"	100	3520	2-1/2"	100
3506	3"	100	3521	3"	100
3507	3-1/2"	100	3522	3-1/2"	50
3508	4"	100	3523	4"	50

3/8"			1/2"		
IBS No.	Length	Qty	IBS No.	Length	Qty
3530	1"	100	3546	1-1/2"	50
3532	1-1/2"	100	3547	2"	50
3534	2"	100	3548	2-1/2"	50
3535	2-1/2"	50	3549	3"	50
3536	3"	50	3550	3-1/2"	25
3537	3-1/2"	50	3551	4"	25
3538	4"	50	3553	5"	25
3540	5"	50	3555	6"	25
3542	6"	50			

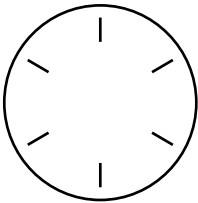




Plow Bolts Grade 8

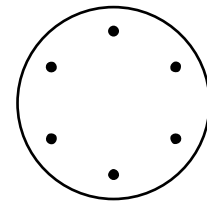
No. 3 Round Head with Extra-Thick Dome

- **150,000 psi minimum tensile strength.**
- **Domed head for greater resistance to abrasion and "pull-through".**
- **Will not "freeze-up".**
- **Can be quickly and easily removed and re-used.**
- **Exclusive Bronze-Bond finish resists rust and corrosion.**
- **Meets or exceeds all O.E.M. specifications.**



Domed Head

- **Greater resistance to wear & abrasion**
- **Will not pull through the blade**



Branded Head

- **Positive quality identification**

Sharp Square Shoulders

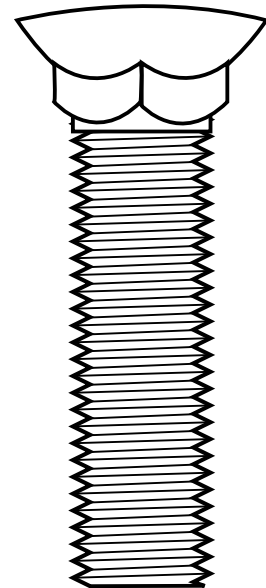
- **Prevents turning in the blade**

U.S.S. Threads

- **Resists nicks**

Chamfered Ends

- **Trouble free assembly**



**Industrial Sizes
for Construction Equipment**



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Plow Bolts Gr. 8 D05

Plow Bolts Grade 8

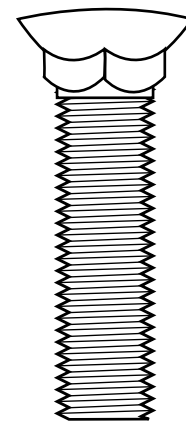
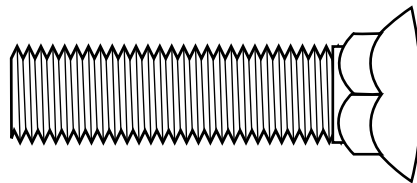
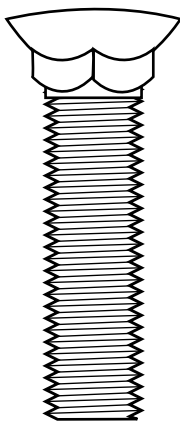
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5/8-11			3/4-10			7/8-9		
IBS No.	Length	Qty	IBS No.	Length	Qty	IBS No.	Length	Qty
3602	2"	25	3613	2"	20	3632	2-1/2"	10
3603	2-1/4"	25	3614	2-1/4"	20	3633	2-3/4"	10
3604	2-1/2"	25	3615	2-1/2"	20	3634	3"	10
3605	2-3/4"	25	3616	2-3/4"	20	3637	3-1/2"	10
3606	3"	25	3617	3"	20	3639	4"	10
3607	3-1/2"	25	3619	3-1/2"	20			
			3621	4"	20			
			3622	4-1/2"	20			
			3623	5"	20			

1"-8		
IBS No.	Length	Qty
3645	2-1/2"	10
3646	2-3/4"	10
3647	3"	10
3648	3-1/4"	10
3649	3-1/2"	10
3651	4"	10
3652	4-1/2"	10
3653	5"	10

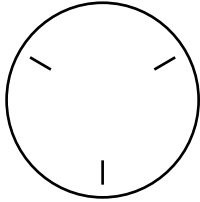
1-1/4"-7		
IBS No.	Length	Qty
3656	3"	10
3660	3-3/4"	10
3661	4"	10



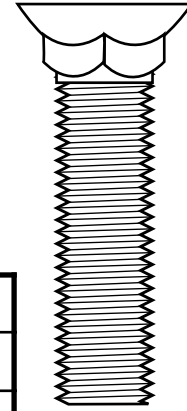


Plow Bolts Grade 5

For use on farm machinery and industrial equipment where smaller diameter plow bolts are used.



- **140,000 psi Tensile Strength.**
- **Hardened sharp square corners to prevent turning in the blade.**
- **Clean, sharp burr free threads.**



3/8-16		
IBS No.	Length	Qty
3670	1-1/2"	100

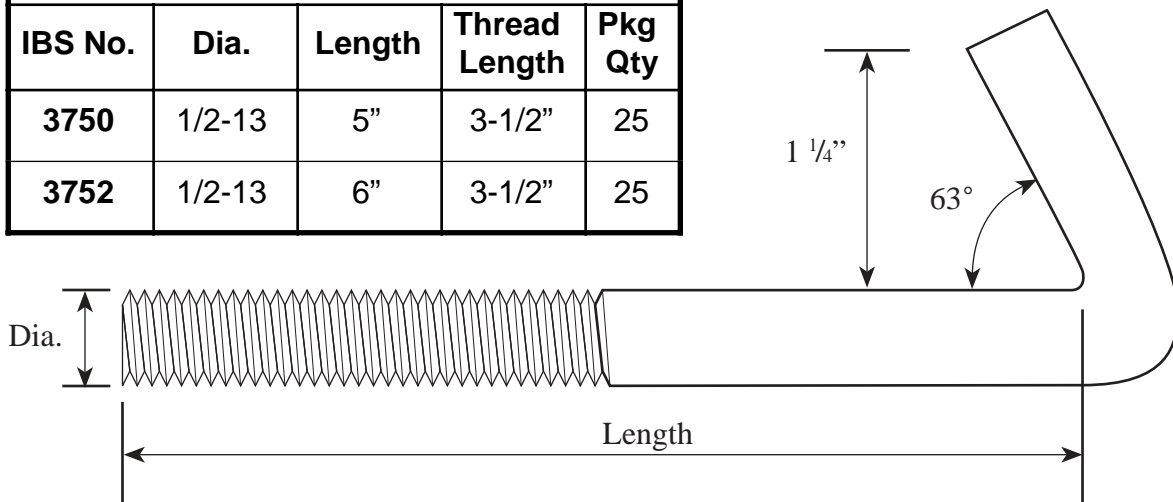
1/2-13		
IBS No.	Length	Qty
3673F	1-1/2"	10
3673G	1-3/4"	10
3674	2"	10
3675	2-1/2"	10

J-Bolts

N.C. Thread

*** For Shaker Screen Applications ***
Manufactured from Carbon Steel

Carbon Steel "J" Bolts				
IBS No.	Dia.	Length	Thread Length	Pkg Qty
3750	1/2-13	5"	3-1/2"	25
3752	1/2-13	6"	3-1/2"	25



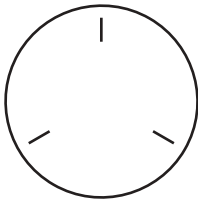


IBS, INCORPORATED
Shaker Screen Bolts D06

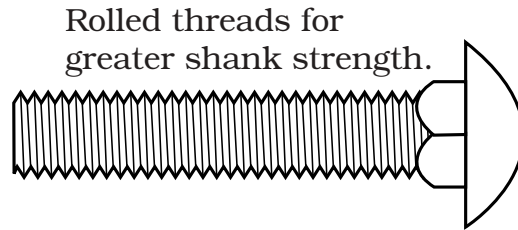
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Shaker Screen Bolts
(Heat Treated Carriage Bolts)

- 125,000 psi minimum tensile strength.
- Made of special alloy steel.
- Fully threaded.
- Reduces wear and eliminated breakage.
- Triple heat treated and stress relieved for increased life.
- Ideal for use in mines, concrete plants, quarries, etc.



Concentric heads for better bearing starting point.



Rolled threads for greater shank strength.

Chamfered easy Controlled radii under the head for increased head strength.

Sharp square shoulders under the head for positive seating.

1/2-13			5/8-11			3/4-10		
IBS No.	Length	Qty	IBS No.	Length	Qty	IBS No.	Length	Qty
3700	1-1/2"	50	3711	2-1/2"	25	3722	4"	20
3701	2"	50	3713	3"	25	3723	4-1/2"	20
3702	2-1/2"	25	3714	3-1/2"	25	3724	5"	20
3703	3"	25	3715	4"	25	3726	6"	20
3704	3-1/2"	25	3716	4-1/2"	25			
3705	4"	25	3717	5"	25			
3706	5"	25	3718	6"	20			
3708	6"	25						