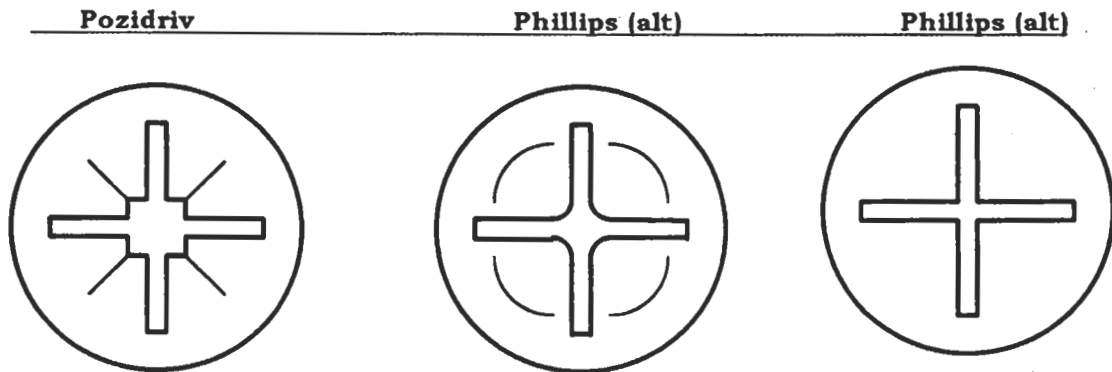
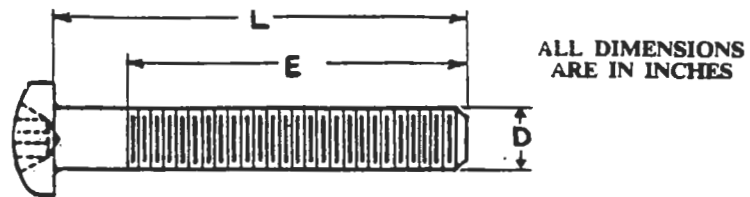


Phillips screws were used on cars from 1953 into the 60s. Pozidriv screws were introduced in the early 60s and were used extensively on BJ8s. The transition from Phillips appears to have been gradual. The drawings below illustrate markings on heads of pan head or countersunk (trim) screws. As the screw size gets smaller, the "square" recess at the center of Pozidriv screws becomes indistinguishable. Also, the "corners" between cross arms on Phillips screws are often quite rounded, rather than sharp. Note that Phillips screws had small arc lines in the heads as well as plain heads. Pozidriv screws have radial lines at 45° to the cross, emanating from the "corners" of the central square, or, on smaller screws, from the intersection of the cross lines.



## RECESSED PAN-HEAD SCREWS—UNIFIED

Material: Steel (25 tons tensile)



ALL DIMENSIONS ARE IN INCHES

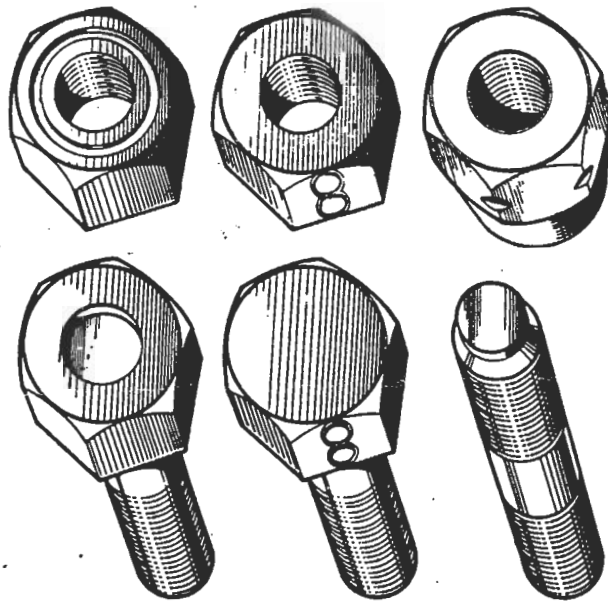
### DIMENSIONAL DATA

STR 1785

D	Nominal diameter . . . . .	Number 6 .138	Number 10 .190	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$
	Threads per inch . . . . .	32 UNC	32 UNF	28 UNF	24 UNF	24 UNF	20 UNF	20 UNF
E	Thread length . . . . .	Screws 2" long and shorter threaded to within two pitches of the head Screws of longer lengths have $1\frac{1}{2}$ " of thread						
Recess number or driver size . . . . .		2	2	3	4	4	4	4

### PART NUMBERS OF RECESSED PAN-HEAD SCREWS—UNIFIED

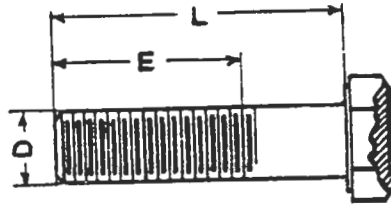
Length L	Finish	Nominal Diameters						
		Number 6	Number 10	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$
$\frac{3}{16}$	Plain . . . . .	PMN 0203	PMN 0303					
	Zinc . . . . .	PMZ 0203	PMZ 0303					
$\frac{1}{4}$	Plain . . . . .	PMN 0204	PMN 0304	PMN 0404				
	Zinc . . . . .	PMZ 0204	PMZ 0304	PMZ 0404				
$\frac{5}{16}$	Plain . . . . .	PMN 0205	PMN 0305	PMN 0405				
	Zinc . . . . .	PMZ 0205	PMZ 0305	PMZ 0405				
$\frac{3}{8}$	Plain . . . . .	PMN 0206	PMN 0306	PMN 0406	PMN 0506	PMN 0606		
	Zinc . . . . .	PMZ 0206	PMZ 0306	PMZ 0406	PMZ 0506	PMZ 0606		
$\frac{7}{16}$	Plain . . . . .	PMN 0207	PMN 0307	PMN 0407	PMN 0507	PMN 0607		
	Zinc . . . . .	PMZ 0207	PMZ 0307	PMZ 0407	PMZ 0507	PMZ 0607		



*The identification marks for nuts, bolts and studs*

# HEXAGON HEAD BOLTS—U.N.F.

Material: B.S. Code symbol R  
(45/55 tons tensile)



ALL DIMENSIONS  
ARE IN INCHES

STR 1783

## DIMENSIONAL DATA

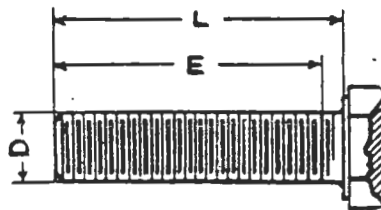
D	Nominal size . . . . .	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
E	Length of thread . . . . .	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{2}$
	Threads per inch . . . . .	28	24	24	20	20	18	16	14	12

## PART NUMBERS OF HEXAGON HEAD BOLTS—U.N.F.

Length L	Finish	Nominal Diameters								
		$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
1	Plain . . .	HBN 0408								
	Zinc . . .	HBZ 0408								
$1\frac{1}{8}$	Plain . . .	HBN 0409	HBN 0509							
	Zinc . . .	HBZ 0409	HBZ 0509							

# HEXAGON HEAD SCREWS—U.N.F. NORMAL SERIES

Material: B.S. code symbol R  
(45/55 tons tensile)



ALL DIMENSIONS  
ARE IN INCHES

STR 1784

## DIMENSIONAL DATA

D	Nominal size . . . . .	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
E	Length of thread . . . . .	Screwed full thread to within a distance from underside of head equal to pitch								
	Threads per inch . . . . .	28	24	24	20	20	18	16	14	12

## PART NUMBERS OF HEXAGON HEAD SCREWS—U.N.F.

Length L	Finish	Nominal Diameters								
		$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
$\frac{3}{8}$	Plain . . .	HNS 0403	HNS 0503	HNS 0603						
	Zinc . . .	HZS 0403	HZS 0503	HZS 0603						
$\frac{1}{2}$	Plain . . .	HNS 0404	HNS 0504	HNS 0604	HNS 0704	HNS 0804				
	Zinc . . .	HZS 0404	HZS 0504	HZS 0604	HZS 0704	HZS 0804				
$\frac{5}{8}$	Plain . . .	HNS 0405	HNS 0505	HNS 0605	HNS 0705	HNS 0805	HNS 1005			
	Zinc . . .	HZS 0405	HZS 0505	HZS 0605	HZS 0705	HZS 0805	HZS 1005			
$\frac{3}{4}$	Plain . . .	HNS 0406	HNS 0506	HNS 0606	HNS 0706	HNS 0806	HNS 1006	HNS 1206		
	Zinc . . .	HZS 0406	HZS 0506	HZS 0606	HZS 0706	HZS 0806	HZS 1006	HZS 1206		

## Fastener Code

Letters	Type	Plating	Comments
HBN	Hex bolt	plain	
HBZ	"	zinc	
HNS	Hex screw	plain	
HZS	"	zinc	
HPS	"	chrome	End of screw is pointed
HPN	"	plain	"
HPZ	"	zinc	"
PMN	Pan head screw	plain	Phillips or Pozidriv
PMZ	"	zinc	"
PMP	"	chrome	"
PPN	"	plain	Phillips or Pozidriv, pointed
PPZ	"	zinc	"
PPP	"	chrome	"
CMN	Flat head screw	plain	Phillips or Pozidriv
CMZ	"	zinc	"
CMP	"	chrome	"
CPN	"	plain	Phillips or Pozidriv, pointed
CPZ	"	zinc	"
CPP	"	chrome	"
RMN	Raised, countersunk	plain	Phillips or Pozidriv
RMZ	"	zinc	"
RMP	"	chrome	"
RPN	"	plain	Phillips or Pozidriv, pointed
RPZ	"	zinc	
RPP	"	chrome	
PJN	Pan head sheet metal	plain	Squared off tip
PJZ	"	zinc	
RJN	Raised, countersunk	plain	
RJZ	"	zinc	
RJP	"	chrome	Used for trim panel mounting
RWN	Raised, countersunk	plain	Wood screw
RWZ	"	"	
PWN	Standard flat washer	plain	
PWZ	"	zinc	
LWN	Spring (lock) washer	plain	
LWZ	"	zinc	
FNN	Ordinary nut, 1xx or 5xx	plain	Flat marked with connected circles = normal strength (1xx); R = high strength (5xx).
FNZ	"	zinc	
FNN	Lock nut, 2xx or 6xx	plain	Flat marked with connected circles = normal strength (2xx); R = high strength (6xx).
FNZ	(half thickness of normal nut)	zinc	
LNN	Nyloc or stiff-nut	plain	
LNZ	"	zinc	
FNN	Slotted or "castle" nut	plain	
FNZ	"	zinc	

