



Tornillería de alta resistencia

TORNILLERÍA AGRÍCOLA





TORNILLO AVELLANADO CON PRISIONERO BOLTS WITH TWO NIBSANDS

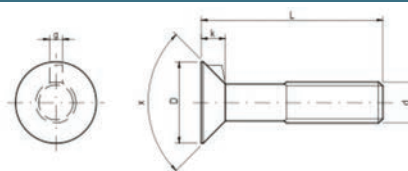
DIN 604

CALIDAD / QUALITY 4.8 • 8.8

d	c	D	x	g
M6	4,00	12,00	90°	2,50
M8	5,00	16,00	90°	3,00
M10	6,00	20,00	90°	3,20
M12	7,00	24,00	90°	3,60

Tornillo avellanado con aleta

Bolt (4.8, 8.8) the flat countersunk head nib bolts



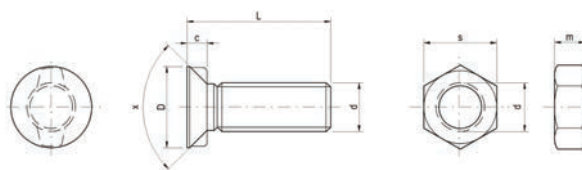
ISO 5713

CALIDAD / QUALITY 8.8 • 10.9 • 12.9

d	c	D	x	s	m
M10	4,50	16,00	90°	17,00	8,00
M12	5,50	20,00	90°	19,00	10,00
M14	6,90	24,00	90°	22,00	11,00

Tornillo avellanado con 2 prisioneros con tuerca DIN 934 (8.8, 10.9)

Plough bolts with 2 nibsands with nuts DIN 934 (8.8, 10.9)



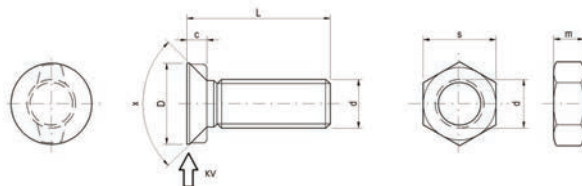
ISO 5713 KV

CALIDAD / QUALITY 8.8 • 10.9 • 12.9

d	c	D	x	s	m
M12 KV 1,3	5,00	20,00	90°	19,00	10,00
M12 KV 4	8,00	20,00	90°	19,00	10,00
M14 KV 1,8	6,80	24,00	90°	22,00	11,00

Tornillo avellanado con 2 prisioneros con tuerca DIN 934 (8.8, 10.9)

Plough bolts with 2 nibsands with nuts DIN 934 (8.8, 10.9)



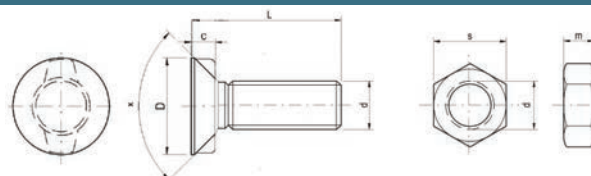
ISO 5713 BH BIG HEAD

CALIDAD / QUALITY 12.9

d	c	D	x	s	m
M10	5,50	20,00	90°	17,00	8,00

Tornillo avellanado cabeza grande con 2 prisioneros con tuerca DIN 934 (10.9)

Plough bolts with 2 nibsands with big head with nuts DIN 934 (10.9)



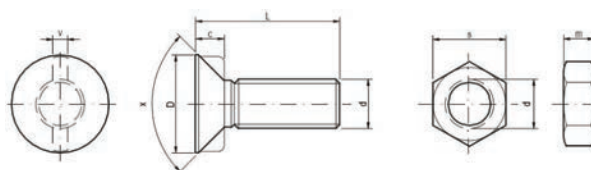
DIN 11014

CALIDAD / QUALITY 8.8 • 10.9 • 12.9

d	c	D	x	v	s	m
M10	5,50	19,00	90°	3,20	17,00	8,00
M12	7,50	24,00	90°	3,60	19,00	10,00
M14	9,50	28,00	90°	4,00	22,00	11,00

Tornillo avellanado con 2 prisioneros con tuerca DIN 934 (8.8, 10.9)

Plough bolts with 2 nibsands with nuts DIN 934 (8.8, 10.9)



TORNILLO CABEZA CÓNICA CON 2 LADOS PLANOS BOLTS WITH CONICAL HEAD WITH TWO FLATS

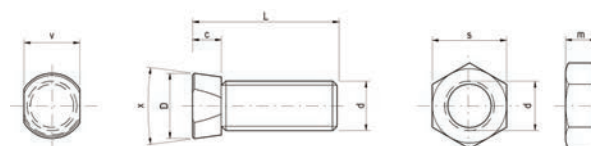
MP2

CALIDAD / QUALITY 10.9 • 12.9

d	c	D	x	v	s	m
M10	7,00	15,90	15°	13,50	17,00	8,00
M12	7,00	15,90	15°	13,50	19,00	10,00

Tornillo cabeza cónica con 2 lados planos, con tuerca DIN 934 (8.8, 10.9)

Plough bolts with conical head with nuts DIN 934 (8.8, 10.9)

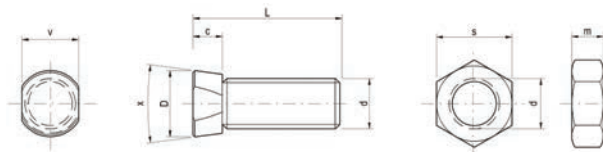


MP2 IT

CALIDAD / QUALITY 12.9

d	c	D	x	v	s	m
M12	7,00	16,00	10°	14,00	19,00	10,00

Tornillo cabeza cónica con 2 lados planos, con tuerca DIN 934 (10.9)
Plough bolts with conical head with nuts DIN 934 (10.9)

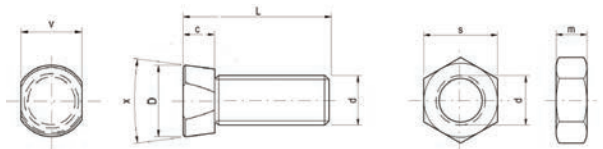


MP2 G

CALIDAD / QUALITY 12.9

d	c	D	x	v	s	m
M12	8,00	16,00	20°	13,40	19,00	10,00

Tornillo cabeza cónica con 2 lados planos, con tuerca DIN 934 (10.9)
Plough bolts with conical head with nuts DIN 934 (10.9)

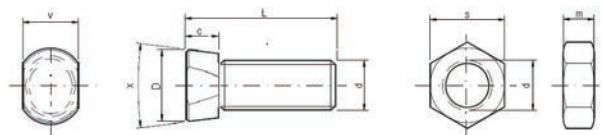


MP2 30°

CALIDAD / QUALITY 12.9

d	c	D	x	v	s	m
M12	8,00	17,50	30°	13,40	19,00	10,00
M14	9,00	18,50	30°	14,20	22,00	11,00

Tornillo cabeza cónica 30° con 2 lados planos, con tuerca DIN 934
Plough bolts with conical head with nuts DIN 934 (10.9) For Vogel & Noot machinery.

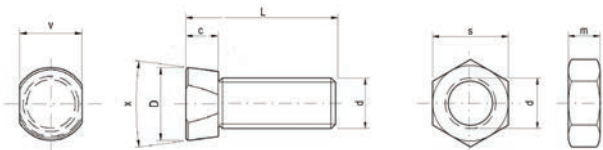


MP3 IHC

CALIDAD / QUALITY 10.9 · 12.9

d	c	D	x	v	s	m
M12	8,00	17,50	15°	14,70	19,00	10,00

Tornillo cabeza cónica con 2 lados planos, con tuerca DIN 934 (8.8, 10.9)
Plough bolts with conical head with nuts DIN 934 (8.8, 10.9)

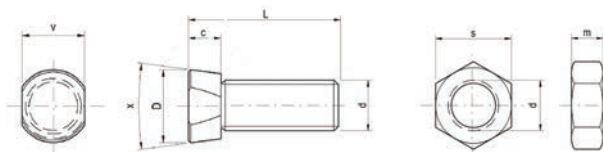


RABE OVAL

CALIDAD / QUALITY 10.9 · 12.9

d	c	D	x	v	s	m
M12	8,50	18,00	10°	14,00	19,00	10,00

Tornillo cabeza cónica con 2 lados planos, con tuerca DIN 934 (8.8, 10.9)
Plough bolts with conical head with nuts DIN 934 (8.8, 10.9)

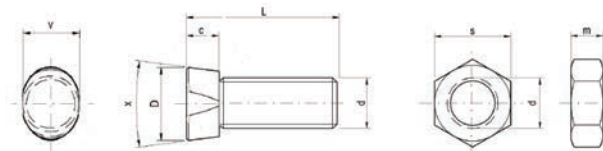


RABE OVAL K

CALIDAD / QUALITY 10.9 · 12.9

d	c	D	x	v	s	m
M12	8,50	18,00	10°	14,00	19,00	10,00

Tornillo cabeza cónica con 2 lados planos, con tuerca DIN 934 (8.8, 10.9)
Plough bolts with conical head with nuts DIN 934 (8.8, 10.9)

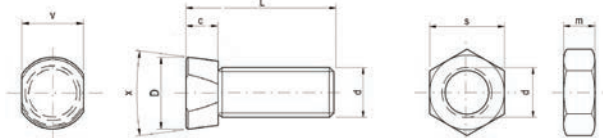


MOLBRO

CALIDAD / QUALITY 10.9 · 12.9

d	c	D	x	v	s	m
M12	9,30	16,70	15°	13,70	19,00	10,00

Tornillo avellanado con cuadrado con 2 lados planos,
con tuerca DIN 934 (8.8, 10.9)
Plough bolts with conical head with nuts DIN 934 (8.8, 10.9)



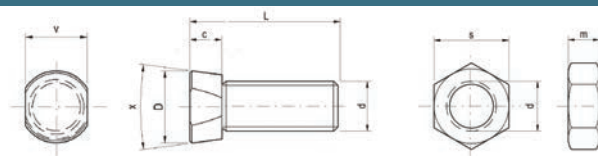
NIEMEYER 1232N

CALIDAD / QUALITY 10.9 • 12.9

d	c	D	x	v	s	m
M12	8,70	18,00	15°	13,60	19,00	10,00

Tornillo cabeza cónica con 2 lados planos, con tuerca DIN 934 (8.8, 10.9)
(Especial para maquinaria NIEMEYER)

Plough bolts with conical head with nuts DIN 934 (8.8, 10.9)



TORNILLO CABEZA CÓNICA CON UN LADO PLANO BOLTS WITH CONICAL HEAD WITH ONE FLAT

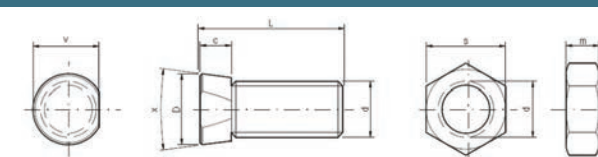
MP1

CALIDAD / QUALITY 10.9 • 12.9

d	c	D	x	v	s	m
M14	7,20	17,90	16°	16,90	22,00	11,00

Tornillo cabeza cónica con 1 lado plano, con tuerca DIN 934 (8.8, 10.9)

Plough bolts with 2 nibsands with nuts DIN 934 (8.8, 10.9)



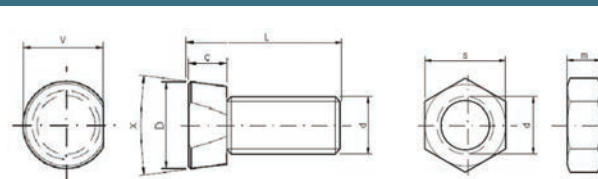
MP5

CALIDAD / QUALITY 10.9 • 12.9

d	c	D	x	v	s	m
M14	9,50	18,50	15°	17,05	22,00	11,00

Tornillo avellanado con 1 lado plano, con tuerca DIN 934 (8.8, 10.9)

The bolt with conical head with one flat with nut DIN 934 (8.8, 10.9)
(for Pöttinger ploughs)



TORNILLO HEXAGONAL HEXAGONAL BOLTS

DIN 960

CALIDAD / QUALITY 5.8 • 8.8 • 10.9 • 12.9

d	k	s	e
M8	5,30	13,00	14,38
M10	6,40	17,00	18,9
M12	7,50	19,00	21,1
M14	8,80	22,00	24,49
M16	10,00	24,00	26,75
M18	11,50	27,00	30,14
M20	12,50	30,00	33,53

Tornillo cabeza hexagonal rosca parcial paso fino

Hexagonal bolts with partially threaded body with fine thread



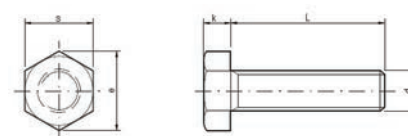
DIN 961

CALIDAD / QUALITY 5.8 • 8.8 • 10.9 • 12.9

d	k	s	e
M8	5,30	13,00	14,38
M10	6,40	17,00	18,9
M12	7,50	19,00	21,1
M14	8,80	22,00	24,49
M16	10,00	24,00	26,75
M18	11,50	27,00	30,14
M20	12,50	30,00	33,53

Tornillo cabeza hexagonal rosca total paso fino

Hexagonal bolts with fully threaded body with fine thread



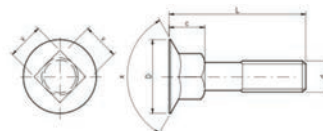


TORNILLO AVELLANADO CON CUELLO CUADRADO BOLTS WITH THE SQUARE NECK

DIN 605

CALIDAD / QUALITY 4.8 • 8.8 • 10.9

d	c	D	x	v
M6	7,00	16,00	120°	6,00
M8	9,00	20,00	120°	8,00
M10	11,00	24,00	120°	10,00
M12	14,00	28,00	120°	12,00



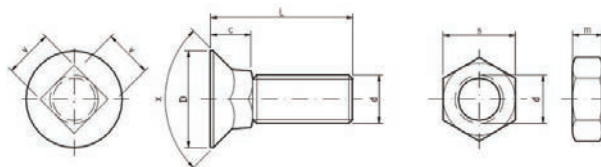
Tornillo avellanado con cuadradillo largo

Bolt (4.8, 8.8, 10.9) the countersunk square bolts with long square

DIN 608

CALIDAD / QUALITY 4.8 • 5.8 • 8.8 • 10.9 • 12.9

d	c	D	x	v	s	m
M8	7,00	16,00	90°	8,00	13,00	6,50
M10	8,50	19,00	90°	10,00	17,00	8,00
M12	10,50	24,00	90°	12,00	19,00	10,00
M14	12,00	28,00	90°	14,00	22,00	11,00



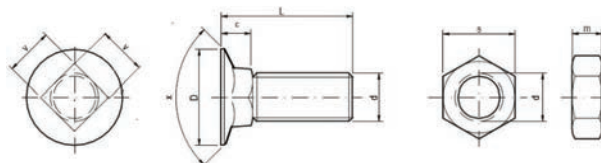
Tornillo avellanado con cuello cuadrado con tuerca DIN 934 (8.8, 10.9)

Plough bolts with square neck with nuts DIN 934 (8.8, 10.9)

DIN 608 120°

CALIDAD / QUALITY 8.8 • 10.9

d	c	D	x	v	s	m
M12	7,00	19,50	120°	12,00	19,00	10,00
M14	9,60	22,00	120°	14,00	22,00	11,00



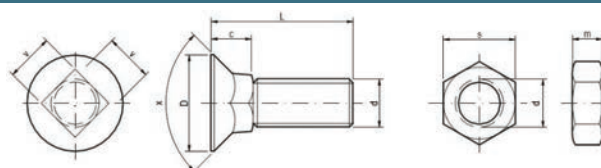
Tornillo avellanado con cuello cuadrado con tuerca DIN 934 (8.8, 10.9)

Plough bolts with square neck with nuts DIN 934 (8.8, 10.9)

UNI 6104

CALIDAD / QUALITY 8.8 • 10.9 • 12.9

d	c	D	x	v	s	m
M12	12,00	24,00	90°+5°	12,00	19,00	10,00
M14	14,60	28,00	90°+5°	14,00	22,00	11,00



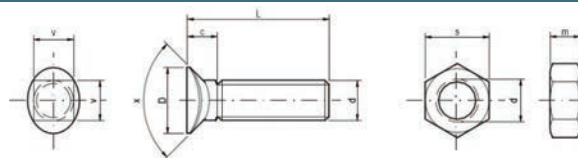
Tornillo avellanado con cuadradillo, con tuerca DIN 934 (8.8, 10.9)

Plough bolts with square neck with nuts DIN 934 (8.8, 10.9)

MP-4

CALIDAD / QUALITY 4.8 • 5.8 • 8.8 • 10.9

d	c	D	x	v	s	m
M10	8,00	16,5/15,5	90°	10,00	17,00	8,00
M12	9,50	22/19,5	90°	12,00	19,00	10,00



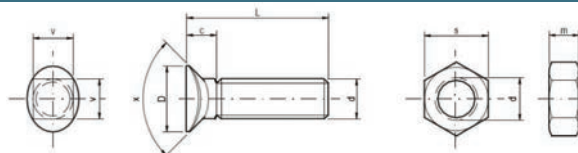
Tornillo cultivador con cuadradillo, con tuerca DIN 934 (8.8)

Plough bolts with conical head and with square neck with nuts DIN 934 (8.8)

MP-4K

CALIDAD / QUALITY 8.8 • 10.9

d	c	D	x	v	s	m
M10	7,60	18/16	90°	10,00	17,00	8,00



Tornillo cultivador con cuadradillo, con tuerca DIN 934 (8.8)

Plough bolts with conical head and with square neck with nuts DIN 934 (8.8)



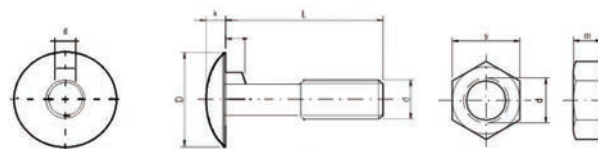
TORNILLO CABEZA REDONDA BOLTS WITH MUSHROOM HEAD WITH FEATHER

MP 21

CALIDAD / QUALITY 10.9

d	c	D	g	k	s	m
M12	4,75	24,00	6,80	5,30	19,00	10,00

Tornillo cabeza redonda con aleta, con tuerca DIN 934 (8.8)
Bolts with mushroom head with feather with nuts DIN 934 (8.8)

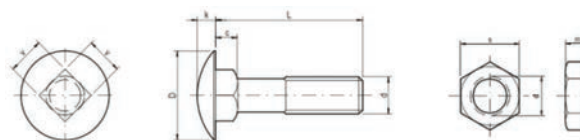


DIN 603

CALIDAD / QUALITY 4.8 • 8.8 • 10.9 • 12.9

d	c	k	D	v
M5	3,50	3,00	13,00	5,00
M6	4,00	3,50	16,00	6,00
M8	5,00	4,50	20,00	8,00
M10	6,00	5,00	24,00	10,00
M12	8,00	6,50	30,00	12,00

Tornillo cabeza redonda con cuadradillo, con tuerca DIN 934 (8.8)
Bolt ISO 8677 (4.8) the bolts with large cup head and square neck

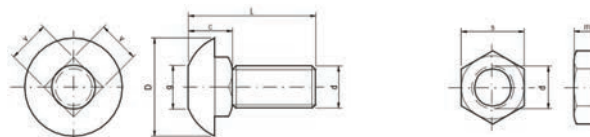


DIN 603 - MP

CALIDAD / QUALITY 10.9

d	c	D	x	v	s	m
M12	12,00	24,00	90°+5°	12,00	19,00	10,00

Tornillo cabeza redonda con cuadradillo, con tuerca DIN 934 (8.8)
The bolts with square neck and large cup head with nuts DIN 934 (8.8)

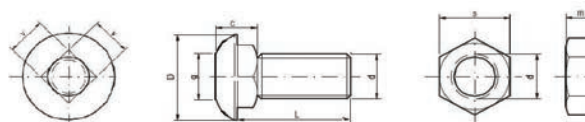


DIN 8677

CALIDAD / QUALITY 10.9

d	c	D	x	v	s	m
M12	13,00	22,00	13,00	12,00	19,00	10,00

Tornillo cabeza redonda pequeña con cuadradillo, con tuerca DIN 934 (8.8)
The bolts with square neck and large cup head with nuts DIN 934 (8.8)

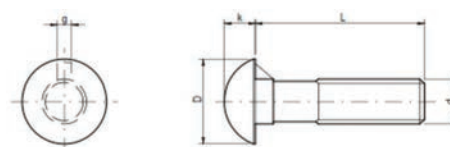


DIN 607

CALIDAD / QUALITY

d	k	D	g
M6	4,50	12,00	2,50
M8	5,50	16,00	3,00
M10	7,00	19,00	3,20
M12	9,00	24,00	3,60

Tornillo cabeza redonda con aleta
Bolt (4.8) the round - headed bolts with feather for metal





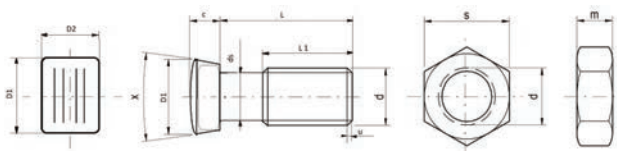
TORNILLO CABEZA CUADRADA BOLTS WITH CONICAL SQUARE HEAD

KÖCKERLING

CALIDAD / QUALITY 10.9

d	c	D	x	s	m
M10	7,00	16,00	13,5	55°	8,00

Tornillo cabeza cuadrada, con tuerca DIN 934
(Especial para maquinaria KÖCKERLING)
Hammer head bolts 10.9 with nuts din 934 (8.8)

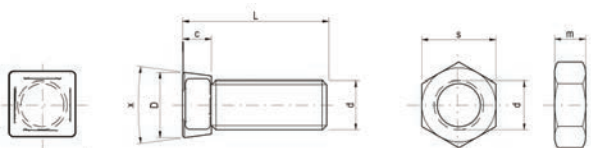


MPT

CALIDAD / QUALITY 8.8 → 10.9

d	c	D	x	s	m
M12	6,50	15,30 x 15,30	30°	19,00	10,00

Tornillo cabeza cuadrada avellanada, con tuerca DIN 934 (8.8)
Plough bolts with square conical head with nuts DIN 934 (8.8)
Bolts for Ünlü plows.



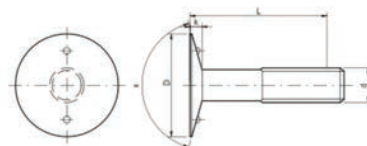
TORNILLO CANJILÓN BOLTS WITH PIN

DIN 15237 A

CALIDAD / QUALITY 4.8

d	k	D	x
M6	2,00	17,00	140°
M8	2,80	23,00	140°
M10	3,50	29,00	140°

Tornillo canjilón avellando
Bolt (4.8) the bolts with pin - feathered countersunk head for leather belts

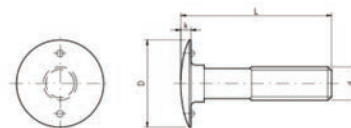


DIN 15237 R

CALIDAD / QUALITY 4.8

d	k	D
M6	1,60	16,00
M8	2,40	21,00
M10	3,00	26,00

Tornillo canjilón cabeza redonda
Bolt (4.8) the bolts with pin - feathered snap head for leather belts



RECUBRIMIENTOS / SURFACES



CINCADO PLATA / ZINC PLATED



ACABADO NEGRO / PLAIN/PHOSPHATE BLACK



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