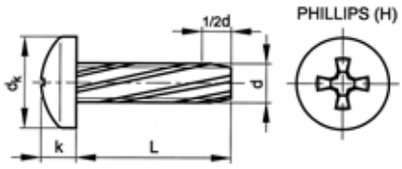
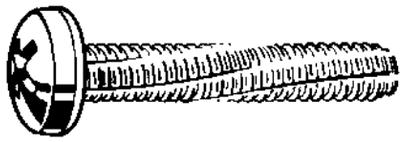
Cross recessed raised cheese head thread cutting screw

DIN 7516 AE-H





Technical data

d	M3	M4	M5	M6
P	0,5	0,7	0,8	1
d_k	6	8	10	12
k	2,4	3,1	3,8	4,6
Drill ø (H11)	2,7	3,6	4,5	5,5
No. cross recess	1	2	2	3

- Drill ø (H11) = The given boring diameters are guide lines for materials of medium strength.
- For thin-walled workpieces or workpieces made from soft materials, a smaller core hole diameter, for thick walled workpieces or workpieces made from hard materials a larger core hole diameter may be chosen.
- It is recommended that the exact diameter selection is made on basis of tests.
- The depth of engagement should not exceed 2 d.

27100 Cross recessed raised cheese head thread cutting screw Phillips **J04A**

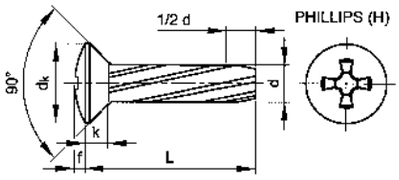
Thread Metric thread
Material Steel
Surface treatment Zinc plated
Packaging Standard

6

d x L	✉	Art.number	d x L	✉	Art.number	d x L	✉	Art.number
M3X6	2000	27100.030.006	M4X16	2000	27100.040.016	M5X30	500	27100.050.030
M3X8	2000	27100.030.008	M4X20	1000	27100.040.020			
M3X10	2000	27100.030.010	M4X25	1000	27100.040.025	M6X12	1000	27100.060.012
M3X12	2000	27100.030.012				M6X16	500	27100.060.016
M3X16	2000	27100.030.016	M5X10	2000	27100.050.010	M6X20	500	27100.060.020
			M5X12	1000	27100.050.012	M6X25	500	27100.060.025
M4X8	2000	27100.040.008	M5X16	1000	27100.050.016	M6X30	500	27100.060.030
M4X10	2000	27100.040.010	M5X20	500	27100.050.020	M6X35	250	27100.060.035
M4X12	2000	27100.040.012	M5X25	500	27100.050.025			

- Warning: electro-galvanizing of these products may cause hydrogen embrittlement.

Cross recessed raised countersunk head thread cutting screw



DIN 7516 EE-H

Technical data

d	M3	M4	M5	M6
P	0,5	0,7	0,8	1
d_k	5,5	7,5	9,2	11
k (max.)	1,65	2,2	2,5	3
f ≈	0,7	0	1,25	1,5
Drill ø (H11)	2,7	3,6	4,5	5,5
No. cross recess	1	2	2	3

- Drill ø (H11) = The given boring diameters are guide lines for materials of medium strength.
- For thin-walled workpieces or workpieces made from soft materials, a smaller core hole diameter, for thick walled workpieces or workpieces made from hard materials a larger core hole diameter may be chosen.
- It is recommended that the exact diameter selection is made on basis of tests.
- The depth of engagement should not exceed 2 d.

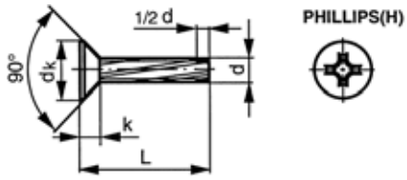
27180 Cross recessed raised countersunk head thread cutting screw Phillips **J04A**

Thread	Metric thread
Material	Steel
Surface treatment	Zinc plated
Packaging	Standard

d x L	✉	Art.number	d x L	✉	Art.number	d x L	✉	Art.number
M4X10	2000	27180.040.010	M5X16	1000	27180.050.016	M6X30	500	27180.060.030
M4X12	2000	27180.040.012	M5X20	500	27180.050.020	M6X35	250	27180.060.035
M4X16	2000	27180.040.016	M5X25	500	27180.050.025			
M4X20	1000	27180.040.020	M5X30	500	27180.050.030			
M4X25	1000	27180.040.025						
			M6X25	500	27180.060.025			

- Warning: electro-galvanizing of these products may cause hydrogen embrittlement.

Cross recessed countersunk head thread cutting screw



PHILLIPS(H)

DIN 7516 DE-H

Technical data

d	M3	M4	M5	M6
P	0,5	0,7	0,8	1
d_k	5,5	8,4	9,3	11,3
k (max.)	1,65	2,7	2,7	3,3
Drill ø (H11)	2,7	3,6	4,5	5,5
No. cross recess	1	2	2	3

- Drill ø (H11) = The given boring diameters are guide lines for materials of medium strength.
- For thin-walled workpieces or workpieces made from soft materials, a smaller core hole diameter, for thick walled workpieces or workpieces made from hard materials a larger core hole diameter may be chosen.
- It is recommended that the exact diameter selection is made on basis of tests.
- The depth of engagement should not exceed 2 d.

27160 Cross recessed countersunk head thread cutting screw Phillips **J04A**

Thread Metric thread
Material Steel
Surface treatment Zinc plated
Packaging Standard

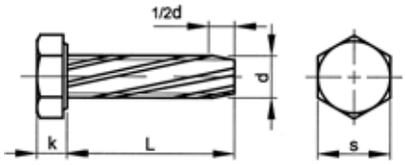
6

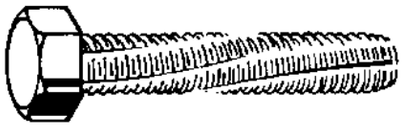
d x L	✉	Art.number	d x L	✉	Art.number	d x L	✉	Art.number
M3X10	2000	27160.030.010	M4X25	1000	27160.040.025			
M3X12	2000	27160.030.012	M4X30	1000	27160.040.030	M6X16	500	27160.060.016
M3X16	2000	27160.030.016				M6X20	500	27160.060.020
M3X20	2000	27160.030.020	M5X10	1000	27160.050.010	M6X25	500	27160.060.025
			M5X12	1000	27160.050.012	M6X30	500	27160.060.030
M4X10	2000	27160.040.010	M5X16	1000	27160.050.016	M6X35	250	27160.060.035
M4X12	2000	27160.040.012	M5X20	500	27160.050.020	M6X40	250	27160.060.040
M4X16	2000	27160.040.016	M5X25	500	27160.050.025			
M4X20	1000	27160.040.020	M5X30	500	27160.050.030			

- Warning: electro-galvanizing of these products may cause hydrogen embrittlement.

Hexagon head thread cutting screw

DIN 7513 A





Technical data

d	M5	M6	M8
P	0,8	1	1,25
k	3,5	4	5,3
s	8	10	13
Drill ø (H11)	4,5	5,5	7,4

- Drill ø (H11) = The given boring diameters are guide lines for materials of medium strength.
- For thin-walled workpieces or workpieces made from soft materials, a smaller core hole diameter, for thick walled workpieces or workpieces made from hard materials a larger core hole diameter may be chosen.
- It is recommended that the exact diameter selection is made on basis of tests.
- The depth of engagement should not exceed 2 d.

27010 Hexagon head thread cutting screw **J04A**

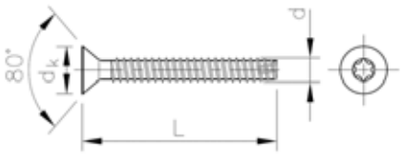
Thread Metric thread
Material Steel
Surface treatment Zinc plated
Packaging Standard

6

d x L	✉	Art.number	d x L	✉	Art.number	d x L	✉	Art.number
M5X10	2000	27010.050.010	M6X16	500	27010.060.016	M8X20	250	27010.080.020
M5X12	1000	27010.050.012	M6X20	500	27010.060.020	M8X25	250	27010.080.025
M5X16	1000	27010.050.016	M6X25	500	27010.060.025	M8X30	250	27010.080.030
M5X20	500	27010.050.020	M6X30	500	27010.060.030	M8X35	250	27010.080.035
M5X25	500	27010.050.025	M6X35	250	27010.060.035	M8X40	200	27010.080.040
M6X12	1000	27010.060.012	M8X16	500	27010.080.016			

- Warning: electro-galvanizing of these products may cause hydrogen embrittlement.

Hexalobular socket countersunk head thread cutting screw



Technical data

d	**U6,3 (1/4)**
Threads per inch	20
d_k	12
Drill ø	5,6
Socket	No.30

- The given boring diameters are guide lines for materials of medium strength.
- For thin-walled workpieces or workpieces made from soft materials, a smaller core hole diameter, for thick walled workpieces or workpieces made from hard materials a larger core hole diameter may be chosen.
- It is recommended that the exact diameter selection is made on basis of tests.

31290 Hexalobular socket countersunk head thread cutting screw **J10A**

Thread Unified National Coarse
Material Steel
Surface treatment Zinc plated
Packaging Standard

6

d x L	✉	Art.number	d x L	✉	Art.number	d x L	✉	Art.number
6,3X38MM	1000	31290.063.038	6,3X65MM	500	31290.063.065	6,3X80MM	500	31290.063.080
6,3X50MM	1000	31290.063.050						