



Product Dimensions, Standards and Weights

Aspen Fasteners 4807 Rockside Road, Suite 400, Independence, OH 44131 USA
www.aspenfasteners.com | aspensales@aspenfasteners.com | 1-800-479-0056

Headquarters: Independence OH USA; Montreal QC Canada;
Distribution Centers: Boston MA; Chicago IL; Cincinnati KY; Dallas TX; Denver CO; Houston TX; Jersey City NJ; Los Angeles CA; Miami FL;
San Francisco CA; Seattle WA; Washington VA; Toronto ON; Calgary AB; Vancouver BC; Jiutepec (Temixco); Mexico City; Monterrey



All your fastener needs from a single source

2) Chemical composition of stainless steel metric DIN 912 hexagon socket head cap screws

| | | Material designation | Material no. | C % | Si % | Mn % | Cr % | Mo % | Ni % |
|-----|-----|----------------------|--------------|-----------|------|------|--------------------|------|--------------------|
| A 2 | 304 | X 5Cr Ni 1810 | 1.4301 | " 0.07 | 1.0 | 2.0 | 17.5 to 19.5 | - | 8.0 to 10.5 |
| | | X 2 Cr Ni 1811 | 1.4306 | " 0.03 | 1.0 | 2.0 | 18.0 to 20.0 | - | 10 to 12.0 |
| | | X 8 Cr Ni 19/10 | 1.4303 | " 0.07 | 1.0 | 2.0 | 17.0 to 19.0 | - | 11.0 to 13.0 |
| A 4 | 316 | X 5 Cr Ni Mo 1712 | 1.4401 | " 0.07 | 1.0 | 2.0 | | | |

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4) Mechanical properties of steel for metric DIN 912 hexagon socket head cap screws

| MECHANICAL PROPERTY | PROPERTY CLASS | | | | | | | |
|---------------------|----------------|-----|-----------|----------|------|------|------|--|
| | 5.8 | 6.8 | 8.8 | | 9.8 | 10.9 | 12.9 | |
| | | | Up to M16 | Over M16 | | | | |
| | 800 | 600 | 800 | 900 | 1000 | 1200 | | |