step-by-step August 2011

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step 1

Skizze auf XY-Ebene

Sketch on XY-Plane

step 2

Extrudieren beidseitig als Fläche

Extrude as plane both side

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step 3

Verdicken nach innen auf 16mm

thicken to 16mm

step 4

Skizze für Ausschnitt

Sketch for cut out

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step 5

step 6

Differenz zur Nächsten, dann um YZ-Ebene spiegeln und Innen und Außenecken verrunden R=20

Difference to next, mirror over YZ-plane and round the internal- and external corners R=20

Skizze auf XY-Ebene für Rückenlehne, teilweise als Konstruktionslinie

Sketch on the XY plane for backrest, partly as construction line

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step 7

step 8

Arbeitsebene 1 auf Endpunkt von Konstruktionslinie, Ebene 2 auf Endpunkt von Bogenlinie, Ebene 3 paralell zu Ebene 2, versetzt um 100mm

Plane on endpoint of construction line , plane 2 at end of arc line, plane 3 parallel to plane 2 , staggered by 100mm

Skizze auf Ebene 2

Sketch on plane 2

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step 9

Skizze von Ebene 2 auf Ebene 3 projiziert, Skizze auf Ebene 1, dabei Seitenflanke von Ebene 3 projiziert

projected Sketch from plane 2 to plan 3 , sketch on plane 1, incl. projected side edge of plane 3

step 10

Erhebung von Skizze auf Ebene 1 durch Skizzen auf Ebenen 3 und 2

Raise sketch on plane 1 through sketches on plane 3 and 2

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step 11

step 12

Sweeping von Skizze auf Ebene 3 entlang der Skizze der Rückenlehne

Sweeping of sketch on plane 3 on path of the sketch of the backrest

Skizze auf die Rückenlehne und Kante der Beine projizieren, Differenz durch alle

Sketch on the backrest with projected outline of the chair leg, difference through all

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step 13

step 14

Skizze auf die Stuhlbeine, Umriss versetzt um 10mm, Trennlinie bei 100mm

Sketch on the chair leg, outline offset 10mm, parting line by 100mm

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step 15

Extrusion 10mm

Extrusion 10mm

step 16

Rundung mit 20mm

Rounding 20mm

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step 17

step 18

Skizze auf Rückenlehne mit Bohrungsmittelpunkten, Bohrung D=10 bis Innenfläche

Sketch on backrest with drillingpoints, holes D=10 to internal face

Rundung mit 10mm anbringen. Fertig.

Rounding 10 mm. Ready.

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