

PRODUKTINFORMATION

Konstruktionsstål Olegerat

Ungefärlig sammansättning i %

| Kvalitet | C | Si | Mn | P | S | Cr | Ni | Mo | Övrigt |
|---------------------------|---------|---------|----------|---------|---------|------|-------|----|--|
| SS 0125 EN JL 1040 | 3,1-3,4 | 1,6-2,1 | 0,6-0,8 | 0,15 | 0,06 | | | | C ekviv 3,6-3,9 |
| SS 0727 EN JS 1100 | 3,2-4,0 | 1,5-2,8 | 0,05-1,0 | 0,08 | ≤0,02 | | 0-2,0 | | Mg 0,02-0,08 |
| SS 1312 EN S255JR2 | 0,12 | 0,25 | 0,55 | ≤0,050 | ≤0,050 | | | | N ≤ 0,009 |
| SS 2132 EN S355J2G3 | ≤0,20 | ≤0,50 | ≤ 1,60 | ≤ 0,035 | ≤ 0,035 | | | | Nb ≤ 0,050; V ≤ 0,15; N < 0,015 Tätat |
| SS 2142 EN S 420 | ≤ 0,20 | ≤ 0,50 | ≤ 1,60 | ≤ 0,035 | ≤ 0,035 | | | | Nb ≤ 0,050; V ≤ 0,15; N < 0,015 Tätat |
| SS 2172 EN S355JR | ≤0,20 | 0,3 | 1,3 | ≤0,050 | ≤0,050 | ≤0,3 | | | Cu ≤ 0,4; N ≤ 0,009 |
| SS 1672 En C45E | 0,46 | ≤0,40 | 0,65 | ≤0,035 | ≤0,035 | | | | Cr+Mo+Ni≤0,63 |
| SS 1914 En 11SMnPb30+C | < 0,14 | 0,05 | 1,1 | 0,25 | 0,3 | | | | |

HÅLLFASTHETSVÄRDEN

Nedanstående värden kan variera med godstjocklek
Draghållfasthet SS 112110

| Kvalitet | Tillstånd | Godstjocklek mm | ReH min N/mm ² | Rm N/mm ² | A5 min % | Z min % | Hårdhet HB |
|--|--------------|-----------------|---------------------------|----------------------|----------|---------|------------|
| SS 0125 EN JL 1040 | Obehandlat | | | 250-350 | | | |
| SS 0727 En JL 1100 | Obehandlat | | 320 | 500 | 7 | | 170-230 |
| SS 1312-06 EN S255JRG2C+C | Kalldraget | ≤ 5 ≤ 10 | 355 | 470-840 | 8 | | 160-245 |
| | | > 10 ≤ 16 | 300 | 420-710 | 9 | | 160-230 |
| | Kalldraget | > 16 ≤ 40 | 260 | 390-690 | 10 | | 155-220 |
| | Kalldraget | > 40 ≤ 63 | 235 | 380-630 | 11 | | 150-210 |
| | Kalldraget | > 63 ≤ 100 | 215 | 340-600 | 11 | | 140-200 |
| SS 2132-00 EN S355J2G3 | Varmvalsad | ≤ 80 | 450 | 550-750 | 21 | | 180-230 |
| | | > 80 ≤ 125 | 410 | 550-750 | 21 | | 180-230 |
| SS 2142-00 EN S 420 | Varmvalsad | ≤ 80 | 450 | 550-750 | 21 | | 180-230 |
| | | > 80 ≤ 125 | 410 | 550-750 | 21 | | 180-230 |
| | Normaliserad | ≤ 250 | 300 | 470-620 | 21 | | 150-190 |
| | | > 250 ≤ 500 | 260 | 470-610 | 20 | | 150-190 |
| SS 2172 EN S355J2G3C+C EN S355JR | Kalldraget | ≤ 5 ≤ 10 | 520 | 650-950 | 6 | | 180-260 |
| | | > 10 ≤ 16 | 450 | 600-880 | 7 | | 180-250 |
| | Kalldraget | > 16 ≤ 40 | 350 | 550-850 | 8 | | 170-240 |
| | Varmbearb. | ≤ 16 | 355 | 490-630 | 22 | | 150-190 |
| | | > 16 ≤ 40 | 345 | 490-630 | 22 | | 150-190 |
| | | > 40 ≤ 63 | 335 | 490-630 | 21 | | 150-190 |
| | | > 63 ≤ 80 | 325 | 490-630 | 18 | | 150-190 |
| | | > 80 ≤ 100 | 315 | 490-630 | 18 | | 150-190 |
| | | > 100 ≤ 150 | 295 | 470-630 | 18 | | 150-190 |
| | | > 150 ≤ 200 | 285 | 450-630 | 17 | | 150-190 |
| > 200 ≤ 250 | | 275 | 450-630 | 17 | | 150-190 | |
| SS 1672 EN C45E | Varmbearb | >16 | 320 | 590-740 | 14 | | 165-220 |
| | | > 16 < 40 | 310 | 590-740 | 14 | | 165-220 |
| | | > 40 < 63 | 300 | 590-740 | 14 | | 165-220 |
| | | > 63 | 280 | 590-740 | 14 | | 165-220 |
| SS 1914 EN 11SMnPb30+C | Kalldraget | ≤ 5 ≤ 10 | 440 | 510-810 | 6 | | 170-220 |
| | | > 10 ≤ 16 | 410 | 490-760 | 7 | | 160-210 |
| | | > 16 ≤ 40 | 375 | 460-710 | 8 | | 160-210 |
| | | > 40 ≤ 63 | 305 | 400-650 | 9 | | 150-200 |
| | Kalldraget | > 63 ≤ 100 | 245 | 360-630 | 9 | | 140-190 |



Stränggjutgods

RUND

| Dim mm | Vikt Kg/m | EN JL 1040 | EN JL 1100 |
|--------|-----------|------------|------------|
| | | 0125 | 0727 |
| 30 | 5,09 | X | |
| 35 | 6,92 | X | |
| 40 | 9,04 | X | |
| 50 | 14,13 | X | |
| 55 | 17,10 | X | |
| 60 | 20,35 | X | |
| 65 | 23,88 | X | |
| 70 | 27,69 | X | |
| 85 | 40,84 | X | |
| 100 | 56,52 | X | |
| 135 | 103,01 | X | |
| 150 | 127,17 | X | |
| 160 | 144,69 | X | |
| 170 | 163,34 | X | |
| 180 | 183,12 | X | |
| 190 | 204,04 | X | |
| 210 | 249,25 | X | |

Stränggjutgods 4-kant/platt



| Dim mm | Vikt Kg/m | EN JL 1040 | EN JL 1100 |
|----------|-----------|------------|------------|
| | | 0125 | 0727 |
| 85 X 85 | 53,50 | X | |
| 130 X 35 | 33,70 | X | |
| 130 X 60 | 56,16 | | X |
| 165 X 90 | 110,00 | X | |



Kalldraget stål

Rundstång

| Euronorm | | EN11SMnPb30+C | | EN S255JRG2C+C | | EN11SMnPb30+C | | EN S255JRG2C+C | |
|----------|-----------|---------------|---------|----------------|-----------|---------------|---------|----------------|--|
| Dim mm | Vikt Kg/m | 1914-04 | 1312-06 | Dim mm | Vikt Kg/m | 1914-04 | 1312-06 | | |
| 4 | 0,10 | D | | 50 | 15,41 | D | | | |
| 5 | 0,15 | D | | 55 | 18,64 | D | | | |
| 6 | 0,22 | D | D | 60 | 22,18 | D | | | |
| 7 | 0,30 | D | | 63 | 24,46 | D | | | |
| 8 | 0,39 | D | | 65 | 26,04 | D | | | |
| 9 | 0,50 | D | | 70 | 30,20 | D | | | |
| 10 | 0,62 | D | | 75 | 34,66 | D | | | |
| 11 | 0,75 | D | | 80 | 39,44 | D | | | |
| 12 | 0,89 | D | | 85 | 44,52 | D | | | |
| 13 | 1,04 | D | | 90 | 49,91 | D | | | |
| 14 | 1,21 | D | | 95 | 55,61 | D | | | |
| 15 | 1,39 | D | | 100 | 61,62 | D | | | |
| 16 | 1,58 | D | | 105 | 67,94 | D | | | |
| 17 | 1,78 | D | | 110 | 74,56 | D | | | |
| 18 | 2,00 | D | | 120 | 88,74 | GS | | | |
| 19 | 2,22 | D | | 130 | 104,14 | GS | | | |
| 20 | 2,46 | D | D | 140 | 112,31 | GS | | | |
| 21 | 2,72 | D | | | | | | | |
| 22 | 2,98 | D | | | | | | | |
| 23 | 3,26 | D | | | | | | | |
| 24 | 3,55 | D | | | | | | | |
| 25 | 3,85 | D | | | | | | | |
| 26 | 4,17 | D | | | | | | | |
| 27 | 4,49 | D | | | | | | | |
| 28 | 4,83 | D | | | | | | | |
| 30 | 5,55 | D | | | | | | | |
| 32 | 6,31 | D | | | | | | | |
| 33 | 6,71 | D | | | | | | | |
| 35 | 7,55 | D | | | | | | | |
| 36 | 7,99 | D | | | | | | | |
| 38 | 8,90 | D | | | | | | | |
| 40 | 9,86 | D | | | | | | | |
| 42 | 10,87 | D | | | | | | | |
| 45 | 12,48 | D | | | | | | | |
| 46 | 13,04 | D | | | | | | | |

D = Draget

GS = Grovsvarvat



Kalldraget stål

6-kantstång

EN11SMnPb30+C
 1914-04

| Dim mm | Vikt Kg/m | |
|--------|-----------|---|
| 5 | 0,17 | D |
| 6 | 0,24 | D |
| 7 | 0,33 | D |
| 8 | 0,44 | D |
| 10 | 0,68 | D |
| 11 | 0,82 | D |
| 12 | 0,98 | D |
| 13 | 1,15 | D |
| 14 | 1,33 | D |
| 15 | 1,53 | D |
| 16 | 1,74 | D |
| 17 | 1,96 | D |
| 19 | 2,45 | D |
| 20 | 2,72 | D |
| 21 | 3,00 | D |
| 22 | 3,29 | D |
| 24 | 3,92 | D |
| 25 | 4,25 | D |
| 27 | 4,96 | D |
| 28 | 5,33 | D |
| 30 | 6,12 | D |
| 32 | 6,96 | D |
| 34 | 7,86 | D |
| 36 | 8,81 | D |
| 40 | 10,88 | D |
| 41 | 11,43 | D |
| 42 | 11,99 | D |
| 46 | 14,39 | D |
| 47 | 15,02 | D |
| 50 | 17,00 | D |
| 55 | 20,56 | D |
| 60 | 24,47 | D |

D = Draget



Kalldraget stål 4-kant

| Dim mm | Vikt Kg/m | EN11SMnPb30+C | EN S255JRG2C+C |
|--------|-----------|---------------|----------------|
| | | 1914-04 | 1312-06 |
| 6 | 0,28 | D | |
| 8 | 0,50 | D | |
| 10 | 0,79 | D | D |
| 12 | 1,13 | D | D |
| 14 | 1,54 | D | |
| 15 | 1,77 | | D |
| 16 | 2,01 | D | |
| 18 | 2,54 | D | |
| 20 | 3,14 | D | D |
| 22 | 3,80 | D | |
| 25 | 4,91 | D | D |
| 30 | 7,07 | D | D |
| 35 | 9,62 | D | |
| 40 | 12,56 | D | D |
| 45 | 15,90 | D | |
| 50 | 19,63 | D | D |
| 55 | 23,75 | D | |
| 60 | 28,26 | D | D |
| 65 | 33,17 | D | |
| 70 | 38,47 | D | |

D = Draget



Kalldraget stål

Plattstång SS 1312 EN S255JRG2 C+C

| Bredd x | Tjl | Vikt Kg/m | Bredd x | Tjl | Vikt Kg/m | Bredd x | Tjl | Vikt Kg/m | | | |
|---------|-----|-----------|---------|-----|-----------|---------|------|-----------|---|----|------|
| 10 | x | 3 | 0,2 | 35 | x | 6 | 1,7 | 80 | x | 5 | 3,2 |
| 10 | x | 4 | 0,3 | 35 | x | 8 | 2,3 | 80 | x | 6 | 3,9 |
| 10 | x | 5 | 0,4 | 35 | x | 10 | 2,8 | 80 | x | 8 | 5,2 |
| 12 | x | 3 | 0,3 | 35 | x | 12 | 3,4 | 80 | x | 10 | 6,5 |
| 12 | x | 4 | 0,4 | 40 | x | 3 | 1,0 | 80 | x | 12 | 7,8 |
| 12 | x | 5 | 0,5 | 40 | x | 4 | 1,3 | 80 | x | 15 | 9,7 |
| 12 | x | 6 | 0,6 | 40 | x | 5 | 1,6 | 80 | x | 20 | 12,9 |
| 15 | x | 3 | 0,4 | 40 | x | 6 | 1,9 | 80 | x | 25 | 16,2 |
| 15 | x | 4 | 0,5 | 40 | x | 8 | 2,6 | 100 | x | 5 | 4,0 |
| 15 | x | 5 | 0,6 | 40 | x | 10 | 3,2 | 100 | x | 6 | 4,9 |
| 15 | x | 6 | 0,7 | 40 | x | 12 | 3,9 | 100 | x | 8 | 6,5 |
| 15 | x | 8 | 0,97 | 40 | x | 15 | 4,9 | 100 | x | 10 | 8,1 |
| 16 | x | 8 | 1,0 | 40 | x | 20 | 6,5 | 100 | x | 12 | 9,7 |
| 18 | x | 3 | 0,4 | 40 | x | 25 | 8,1 | 100 | x | 15 | 12,1 |
| 18 | x | 5 | 0,7 | 50 | x | 3 | 1,2 | 100 | x | 20 | 16,2 |
| 20 | x | 3 | 0,5 | 50 | x | 4 | 1,6 | 100 | x | 25 | 20,2 |
| 20 | x | 4 | 0,6 | 50 | x | 5 | 2,0 | 100 | x | 30 | 24,3 |
| 20 | x | 5 | 0,8 | 50 | x | 6 | 2,4 | 120 | x | 6 | 5,8 |
| 20 | x | 6 | 1,0 | 50 | x | 8 | 3,2 | 120 | x | 8 | 7,8 |
| 20 | x | 8 | 1,3 | 50 | x | 10 | 4,0 | 120 | x | 10 | 9,7 |
| 20 | x | 10 | 1,6 | 50 | x | 12 | 4,9 | 120 | x | 15 | 14,6 |
| 20 | x | 12 | 1,9 | 50 | x | 15 | 6,1 | 120 | x | 20 | 19,4 |
| 20 | x | 15 | 2,4 | 50 | x | 20 | 8,1 | 150 | x | 6 | 7,3 |
| 25 | x | 3 | 0,6 | 50 | x | 25 | 10,1 | 150 | x | 10 | 12,1 |
| 25 | x | 4 | 0,8 | 50 | x | 30 | 12,1 | 150 | x | 15 | 18,2 |
| 25 | x | 5 | 1,0 | 60 | x | 4 | 1,9 | 150 | x | 20 | 24,3 |
| 25 | x | 6 | 1,2 | 60 | x | 5 | 2,4 | 150 | x | 25 | 30,3 |
| 25 | x | 8 | 1,6 | 60 | x | 6 | 2,9 | 160 | x | 15 | 19,4 |
| 25 | x | 10 | 2,0 | 60 | x | 8 | 3,9 | 160 | x | 20 | 25,9 |
| 25 | x | 12 | 2,4 | 60 | x | 10 | 4,9 | 160 | x | 25 | 32,3 |
| 25 | x | 15 | 3,0 | 60 | x | 12 | 5,8 | 200 | x | 10 | 16,2 |
| 30 | x | 3 | 0,7 | 60 | x | 15 | 7,3 | 200 | x | 15 | 24,3 |
| 30 | x | 4 | 1,0 | 60 | x | 20 | 9,7 | 200 | x | 20 | 32,3 |
| 30 | x | 5 | 1,2 | 70 | x | 6 | 3,4 | 250 | x | 20 | 40,4 |
| 30 | x | 6 | 1,5 | 70 | x | 8 | 4,5 | | | | |
| 30 | x | 8 | 1,9 | 70 | x | 10 | 5,7 | | | | |
| 30 | x | 10 | 2,4 | 70 | x | 12 | 6,8 | | | | |
| 30 | x | 12 | 2,9 | 70 | x | 15 | 8,5 | | | | |
| 30 | x | 15 | 3,6 | 70 | x | 20 | 11,3 | | | | |
| 30 | x | 20 | 4,9 | 70 | x | 25 | 14,1 | | | | |
| 30 | x | 25 | 6,1 | 70 | x | 40 | 22,6 | | | | |
| 35 | x | 3 | 0,8 | 75 | x | 5 | 3,0 | | | | |
| 35 | x | 4 | 1,1 | 75 | x | 8 | 4,9 | | | | |
| 35 | x | 5 | 1,4 | 75 | x | 10 | 6,1 | | | | |
| | | | | 75 | x | 20 | 12,1 | | | | |

PRODUKTINFORMATION

Konstruktionsstål

| KVALITET | Ungefärlig sammansättning i % | | | | | | | | |
|----------------------------|-------------------------------|--------|--------|---------|---------|-------|------|--------|--|
| | C | Si | Mn | P | S | Cr | Ni | Mo | Övrigt |
| SS 2132 EN S355J2G3 | ≤ 0,20 | ≤ 0,50 | ≤ 1,60 | ≤ 0,035 | ≤ 0,035 | | | | Nb < 0,050; V < 0,15 N < 0,015 Tätat |
| SS 2142 EN S 420 | ≤ 0,20 | ≤ 0,50 | ≤ 1,60 | ≤ 0,035 | ≤ 0,035 | | | | Nb ≤ 0,050; V ≤ 0,15; N < 0,015 Tätat |
| SS 2172 EN S355JR | ≤ 0,20 | 0,3 | 1,3 | ≤ 0,050 | ≤ 0,050 | ≤ 0,3 | | | Cu ≤ 0,4; N ≤ 0,009 |
| SS 1650 E355 | 0,44 | | 0,65 | 0,05 | 0,05 | | | | |
| SS 1672 EN C45E | 0,46 | ≤ 0,40 | 0,65 | ≤ 0,035 | ≤ 0,035 | | | | Cr+Mo+Ni ≤ 0,63 |
| EN 16MnCr5 | 0,16 | 0,27 | 1,15 | ≤ 0,035 | ≤ 0,035 | 0,95 | | | |
| SS 2511 EN 16CrNiS4 | 0,15 | 0,30 | 0,90 | ≤ 0,035 | ,03/,05 | 0,80 | 1,0 | ≤ 0,10 | |
| EN 17CrNiMo6 | 0,17 | 0,27 | 0,50 | ≤ 0,035 | ≤ 0,035 | 1,65 | 1,55 | 0,30 | |
| SS 2225 EN 25CrMo4 | 0,25 | 0,25 | 0,75 | ≤ 0,035 | ≤ 0,035 | 1,05 | | 0,23 | |
| SS 2244 EN 42CrMo4 | 0,42 | 0,25 | 0,75 | ≤ 0,035 | ≤ 0,035 | 1,05 | | 0,23 | |
| SS 2541 EN 34CrNiMo6 | 0,36 | 0,25 | 0,65 | ≤ 0,035 | ≤ 0,035 | 1,50 | 1,50 | 0,23 | |
| EN 34CrAlNi7 Nitrerstål | 0,34 | 0,40 | ≤ 0,55 | ≤ 0,030 | ≤ 0,035 | 1,65 | 1,00 | 0,20 | Al 1,00 |
| SS 2258 EN 100Cr6 | 1,05 | 0,25 | 0,35 | ≤ 0,030 | ≤ 0,035 | 1,50 | | | |
| SS 2230 EN 51CrV4 | 0,51 | ≥ 0,40 | 0,90 | ≤ 0,035 | ≤ 0,035 | 1,05 | | | V 0,18 |

HÅLLFASTHETSVÄRDEN

Nedanstående värden kan variera med godstjocklek

Draghållfasthet SS 112110

| Kvalitet | Tillstånd | Godstjocklek mm | Rp 0,2 min N/mm ² | Rm N/mm ² | A5 min % | Hårdhet HB |
|----------------|--------------|-----------------|------------------------------|----------------------|----------|------------|
| SS 2132-00 | Varmvalsad | ≤ 80 | 450 | 550-750 | 21 | 180-230 |
| EN S355J2G3 | Varmvalsad | ≤ 80 < 125 | 410 | 550-750 | 21 | 180-230 |
| SS 2142-00 | Varmvalsad | ≤ 80 | 450 | 550-750 | 21 | 180-230 |
| EN S 420 | Varmvalsad | ≤ 80 < 125 | 410 | 550-750 | 21 | 180-230 |
| | Normaliserad | ≤ 250 | 300 | 470-620 | 21 | 150-190 |
| | Normaliserad | ≤ 250 < 500 | 260 | 470-610 | 20 | 150-190 |
| SS 2172 | Kalldraget | ≤ 5 < 10 | 520 | 650-950 | 6 | 180-260 |
| EN S355J2G3C+C | | ≤ 10 < 16 | 450 | 600-880 | 7 | 180-250 |
| | Kalldraget | ≤ 16 < 40 | 350 | 550-850 | 8 | 170-240 |
| EN S355JR | Varmbearb | ≤ 16 | 355 | 490-630 | 22 | 150-190 |
| | Varmbearb | ≤ 16 < 40 | 345 | 490-630 | 22 | 150-190 |
| | Varmbearb | ≤ 40 < 63 | 335 | 490-630 | 21 | 150-190 |
| | Varmbearb | ≤ 63 < 80 | 325 | 490-630 | 18 | 150-190 |
| | Varmbearb | ≤ 80 < 100 | 315 | 490-630 | 18 | 150-190 |
| | Varmbearb | ≤ 100 < 150 | 295 | 470-630 | 18 | 150-190 |
| | Varmbearb | ≤ 150 < 200 | 285 | 450-630 | 17 | 150-190 |
| | Varmbearb | ≤ 200 < 250 | 275 | 450-630 | 17 | 150-190 |
| SS 1672 | Varmbearb | ≤ 16 | 320 | 590-740 | 14 | 165-220 |
| EN C45E | Varmbearb | ≤ 16 < 40 | 310 | 590-740 | 14 | 165-220 |
| | Varmbearb | ≤ 40 < 63 | 300 | 590-740 | 14 | 165-220 |
| | Varmbearb | ≤ 63 | 280 | 590-740 | 14 | 165-220 |
| EN 16MnCr5 | Varmbearb | | | | | > 217 |
| SS 2511 | Varmbearb | | | | | > 217 |
| EN 16CrNiS4 | | | | | | |
| EN 17CrNiMo6 | Varmbearb | | | | | > 229 |
| SS 2225 | Seghärdat | ≤ 16 | ≤ 700 | 900-1100 | 12 | |
| EN 25CrMo4 | Seghärdat | ≤ 16 < 40 | ≤ 600 | 800-950 | 14 | |
| | Seghärdat | ≤ 40 < 100 | ≤ 450 | 700-850 | 15 | |
| | Seghärdat | ≤ 100-160 | ≤ 400 | 650-800 | 16 | |
| SS 2244 | Seghärdat | ≤ 16 | ≤ 900 | 1100-1300 | 10 | |
| EN 42CrMo4 | Seghärdat | ≤ 16 < 40 | ≤ 750 | 1000-1200 | 11 | |
| | Seghärdat | ≤ 40 < 100 | ≤ 650 | 900-1100 | 12 | |
| | Seghärdat | ≤ 100-160 | ≤ 550 | 800-950 | 13 | |
| SS 2541 | Seghärdat | ≤ 16 | ≤ 1000 | 1200-1400 | 9 | |
| EN 34CrNiMo6 | Seghärdat | ≤ 16 < 40 | ≤ 900 | 1100-1300 | 10 | |
| | Seghärdat | ≤ 40 < 100 | ≤ 800 | 1000-1200 | 11 | |
| | Seghärdat | ≤ 100-160 | ≤ 700 | 900-1100 | 12 | |
| EN 34CrAlNi7 | Seghärdat | ≤ 40 | > 650 | 1470 | 12 | |
| Nitrerstål | Seghärdat | ≤ 40 < 100 | > 650 | 1050 | 12 | |
| | Seghärdat | ≤ 100 < 250 | > 600 | 1000 | 13 | |
| SS 2258 | Mjukglödgad | | | | | ≤ 207 |
| EN 100Cr6 | | | | | | |
| SS 2230 | Mjukglödgad | | | | | ≤ 248 |
| EN 51CrV4 | | | | | | |

Toleranstabeller

Bearbetad stång h-toleranser

h-toleranser är alltid minustoleranser. Eventuell ovalitet överstiger inte 50 % av toleransen

| Dimension mm | h8 | h10 | h11 | h12 | h13 | h14 | h15 |
|--------------|-------|-------|-------|-------|-------|-------|-------|
| (3) - 6 | 0,018 | | | | | | |
| (6) - 10 | 0,022 | | | | | | |
| (10) - 18 | 0,027 | 0,070 | 0,110 | | | | |
| (18) - 30 | 0,033 | 0,084 | 0,130 | | | | |
| (30) - 50 | 0,039 | 0,100 | 0,160 | 0,250 | 0,390 | | |
| (50) - 80 | 0,046 | 0,120 | 0,190 | 0,300 | 0,460 | | |
| (80) - 120 | 0,054 | 0,140 | 0,220 | 0,350 | 0,540 | | |
| 102 - 120 | | | | | 0,540 | | |
| 120 - 180 | | | | | 0,630 | | |
| 180 - 250 | | | | | | 1,150 | 1,850 |
| 250 - 315 | | | | | | | 2,150 |
| 315 - 400 | | | | | | | 2,300 |
| 400 - 500 | | | | | | | 2,500 |

Varmbearbetad stång

| Dimension mm | Ø DIN 1013 | 4-kt DIN 1014 |
|--------------|---------------|------------------|
| (5) - 15 | ± 0,4 | ± 0,4 |
| (15) - 25 | ± 0,5 | ± 0,5 |
| (25) - 35 | ± 0,6 | ± 0,6 |
| (35) - 50 | ± 0,8 | ± 0,8 |
| (50) - 80 | ± 1,0 | ± 1,0 |
| (80) - 100 | ± 1,3 | ± 1,3 |
| (100) - 120 | ± 1,6 | ± 1,5 |
| (120) - 160 | ± 2,0 | 2,0 |



KONSTRUKTIONSSTÅL

Rundstång

EN S 420, EN S355JR EN C45E EN 16CrNiS4 EN 25CrMo4 EN 42CrMo4 EN 34CrNiMo6 EN 51CrV4 EN 34CrAlNi7

Dim mm Vikt Kg/m 2142-00, 2172-00, 1672-08, 2511-08, 2225-05, 2244-04, 2541-03, 2230-02

| | | | | | | | | | | |
|------|-------|------|----|------|-------|----|----|-----|----|---|
| 5 | 0,15 | | DR | | | | | | | |
| 6 | 0,22 | | DR | h8 | | | | | | |
| 8 | 0,39 | | DR | h8 | | | | | | |
| 10 | 0,62 | h8 | DR | h8 | | | | h10 | | |
| 12 | 0,89 | h8 | DR | h8 | DR | | | h11 | | |
| 14 | 1,21 | | | h8 | | | | h10 | | |
| 15 | 1,39 | h8 | DR | h8 | | | | | | |
| 16 | 1,58 | V+h8 | DR | h8 | h10 | DR | | DR | | |
| 16,5 | 1,68 | | | | | | | | SK | |
| 17 | 1,78 | | | h8 | | | | | | |
| 18 | 2,00 | | DR | h8 | DR | | | DR | | |
| 19 | 2,22 | | | h8 | | | | | | |
| 20 | 2,46 | V+h8 | | V+h8 | DR | SK | | DR | | |
| 20,6 | 2,62 | | | | | | | | SK | |
| 20,8 | 2,67 | | | | SK+DR | | | | | |
| 22 | 2,98 | h8 | | h8 | | V | | | | |
| 22,8 | 3,20 | | | | SK | | SK | SK | | |
| 25 | 3,85 | V+h8 | | V+h8 | | | V | h10 | SK | V |
| 25,8 | 4,10 | | | | SK | SK | SK | SK | | |
| 28 | 4,83 | V+h8 | | h8 | | | | V | | |
| 28,8 | 5,11 | | | | SK | | | SK | | |
| 30 | 5,55 | V+h8 | DR | V+h8 | | | | | | V |
| 30,8 | 5,85 | | | | SK | SK | SK | SK | | |
| 32 | 6,31 | V | | V+h8 | | | | | | |
| 32,8 | 6,63 | | | | SK | SK | | SK | | |
| 35 | 7,55 | V+h8 | | V+h8 | | | | V | SK | V |
| 36 | 7,99 | | | h8 | SK | | SK | SK | | |
| 38 | 8,90 | | DR | V | | | | | | |
| 39 | 9,37 | | | SK | | | | SK | | |
| 40 | 9,86 | V+h8 | | V+h8 | | | | | | V |
| 41 | 10,36 | | | | SK | SK | SK | SK | | |
| 42 | 10,87 | | DR | h8 | | | | | | |
| 45 | 12,48 | V+h8 | | V+h8 | | V | | | | |
| 46 | 13,04 | | | | SK | SK | SK | SK | | |
| 50 | 15,41 | V+h8 | | V+h8 | | | V | | | V |
| 51,2 | 16,15 | | | | SK | | | SK | | |
| 55 | 18,64 | V+h8 | | V+h8 | | | | | SK | V |
| 56,2 | 19,46 | | | | SK | SK | SK | SK | | |

DR= Draget V=Valsat SK=Skalsvarvat GS=Grovvarvat Endast tolerans= Slipat utförande



EN S 420, EN S355JR EN C45E EN 16CrNiS4 EN 25CrMo4 EN 42CrMo4 EN 34CrNiMo6 EN 51CrV4 EN 34CrAlNi7
Dim mm Vikt Kg/m 2142-00, 2172-00, 1672-08, 2511-08, 2225-05, 2244-04, 2541-03, 2230-02

| | | | | | | | | | |
|------|--------|------|------|----|----|----|----|----|----|
| 60 | 22,18 | V+h8 | V+h8 | | | | | | |
| 61,2 | 23,08 | | | SK | SK | SK | SK | | V |
| 63 | 24,46 | | | | | | | | SK |
| 65 | 26,04 | V+h8 | V+h8 | | | | V | SK | |
| 66,2 | 27,01 | | | SK | SK | | SK | | |
| 68,1 | 28,58 | | | | | | | | |
| 70 | 30,20 | V+h8 | V+h8 | | | | | SK | V |
| 71,4 | 31,41 | | | SK | SK | | SK | | |
| 75 | 34,66 | V | V+h8 | | | | | SK | |
| 76,4 | 35,97 | | | SK | SK | | SK | | |
| 80 | 39,44 | V+h8 | V+h8 | | | | V | | V |
| 81,4 | 40,83 | | | SK | | SK | SK | | |
| 85 | 44,52 | V+h8 | V | | | | | | |
| 86,4 | 46,00 | | | SK | | | SK | | |
| 90 | 49,91 | V | V+h8 | | | | | SK | V |
| 91,4 | 51,48 | | | SK | | SK | SK | | |
| 95 | 55,61 | V | V | | | | | | |
| 96,4 | 57,27 | | | SK | | | SK | | |
| 100 | 61,62 | | V+h8 | | | | | SK | |
| 102 | 64,11 | SK | | SK | SK | | SK | | |
| 105 | 67,94 | | V | | | SK | | | V |
| 107 | 70,55 | SK | | SK | | | SK | | |
| 110 | 74,56 | | V | | | | | V | |
| 112 | 77,30 | SK | | SK | | SK | SK | | |
| 115 | 81,50 | | V | | | | V | V | V |
| 117 | 84,36 | SK | SK | SK | | | | | |
| 120 | 88,74 | | h8 | | | | | V | V |
| 122 | 91,72 | SK | | SK | | | SK | | |
| 125 | 96,29 | | V | | | | | V | |
| 127 | 99,39 | SK | | SK | | | SK | | |
| 130 | 104,14 | | V | | | | | V | V |
| 132 | 107,37 | SK | SK | SK | | | | | |
| 135 | 112,31 | | | | | | | | |
| 138 | 117,35 | SK | | SK | | | | | |
| 140 | 120,78 | | V | | V | | V | | |
| 143 | 126,01 | SK | | SK | | SK | SK | | |
| 145 | 129,56 | | | | | | | | |
| 150 | 138,65 | | V | | | | | | |
| 153 | 144,25 | SK | | SK | | | SK | | |
| 160 | 157,75 | | V | | V | | | V | V |
| 163 | 163,72 | SK | | SK | | | SK | | |

DR= Draget V=Valsat SK=Skalsvarvat GS=Grovvarvat Endast tolerans= Slipat utförande



EN S 420, EN S355JR EN C45E EN 16CrNiS4 EN 25CrMo4 EN 42CrMo4 EN 34CrNiMo6 EN 51CrV4 EN 34CrAlNi7

Dim mm Vikt Kg/m 2142-00, 2172-00, 1672-08, 2511-08, 2225-05, 2244-04, 2541-03, 2230-02

| | | | | | | | |
|--|--------|----|----|----|---|--|----|
| 170 | 178,09 | | V | | | | |
| 173 | 184,43 | SK | | SK | V | | SK |
| 180 | 199,66 | | V | | | | |
| 183 | 206,37 | SK | | SK | | | |
| 184 | 208,63 | | | SK | | | SK |
| 193 | 229,54 | SK | GS | | | | |
| 194 | 231,92 | | | SK | | | SK |
| 200 | 246,49 | V | | | V | | |
| 203 | 253,94 | SK | | | | | SK |
| 204 | 256,45 | | GS | SK | | | |
| 205 | 258,97 | | | | | | V |
| 212 | 276,96 | | GS | | | | |
| 213 | 279,58 | | GS | | | | GS |
| 220 | 298,25 | | | GS | V | | |
| 223 | 306,44 | | GS | GS | | | |
| 224 | 309,20 | | | GS | | | GS |
| 230 | 325,98 | | | GS | | | |
| 232 | 331,68 | | GS | GS | | | |
| 235 | 340,31 | | | GS | | | GS |
| 240 | 354,95 | | | GS | | | |
| 243 | 363,87 | | GS | | | | |
| 249 | 382,07 | | | GS | | | GS |
| 253 | 394,44 | | GS | GS | | | |
| 256 | 403,85 | | | GS | | | |
| 260 | 416,57 | | | GS | | | |
| 263 | 426,24 | | GS | | | | GS |
| 265 | 432,74 | | | GS | | | |
| 270 | 449,23 | | | GS | | | |
| 273 | 459,27 | | GS | | | | |
| 282 | 490,05 | | | GS | | | |
| 283 | 493,53 | | GS | | | | |
| 285 | 500,53 | | | GS | | | GS |
| 302 | 562,02 | | | GS | | | |
| 304 | 569,49 | | | | | | V |
| 305 | 573,24 | | | GS | | | |
| 306 | 577,01 | | GS | | | | |
| 310 | 592,19 | | | GS | | | |
| 315 | 611,45 | | | | | | GS |
| 323 | 642,90 | | | | | | |
| 325 | 650,89 | | | GS | | | |
| 327 | 658,92 | | GS | | | | |
| DR= Draget V=Valsat SK=Skalsvarvat GS=Grovvarvat Endast tolerans= Slipat utförande | | | | | | | |

| Dim mm | Vikt Kg/m | EN S 420, 2142-00, | EN S355JR 2172-00, | EN C45E 1672-08, | EN 16CrNiS4 2511-08, | EN 25CrMo4 2225-05, | EN 42CrMo4 2244-04, | EN 34CrNiMo6 2541-03, | EN 51CrV4 2230-02 | EN 34CrAlNi7 |
|--------|-----------|--------------------|--------------------|------------------|----------------------|---------------------|---------------------|-----------------------|-------------------|--------------|
| 330 | 671,07 | GS | | | | | | | | |
| 340 | 712,36 | V | | | | | | | | |
| 350 | 754,88 | | | | | | | | | |
| 353 | 767,87 | GS | | GS | | | | | | |
| 355 | 776,60 | | | | | | | | GS | |
| 360 | 798,63 | | | | | | | | | |
| 380 | 889,83 | | | | | GS | | GS | | |
| 383 | 903,93 | GS | | | | | | | | |
| 385 | 913,40 | | | | | GS | | | | |
| 398 | 976,13 | | | | | | | | GS | |
| 403 | 1 000,80 | GS | | GS | | | | | | |
| 405 | 1 011,27 | | | | | GS | | | | |
| 430 | 1 139,40 | GS | | | | | | | | |
| 450 | 1 247,86 | | | | | | | | | |

DR= Draget V=Valsat SK=Skalsvarvat GS=Grovvarvat Endast tolerans= Slipat utförande



KONSTRUKTIONSSÅL Varmvalsat

Platt och 4-kant

| Dim mm | Kg/m | | EN C45E SS 1672 | EN S355JR, EN S 420 SS 2172, 2142 | EN 51CrV4 SS 2230 |
|-----------|--------|---|--------------------|--------------------------------------|----------------------|
| 50 x 10 | 4,04 | | | | |
| 60 x 10 | 4,85 | | | | X |
| 35 x 12 | 3,40 | | | | X |
| 60 x 12 | 5,82 | | | | X |
| 100 x 15 | 12,13 | | | X | |
| 40 x 20 | 6,47 | | | X | |
| 50 x 20 | 8,09 | | | X | |
| 30 x 25 | 6,06 | | | | X |
| 40 x 25 | 8,09 | | | X | |
| 35 x 30 | 8,49 | | | | X |
| 50 x 30 | 12,13 | | | X | |
| 70 x 30 | 16,98 | | | X | |
| 35 x 35 | 9,90 | | | X | |
| 40 x 40 | 12,94 | X | X | | |
| 50 x 40 | 16,17 | X | X | | |
| 60 x 40 | 19,41 | X | | | |
| 45 x 45 | 16,37 | | | X | |
| 50 x 50 | 20,21 | | | X | |
| 80 x 50 | 32,34 | | | X | |
| 55 x 55 | 24,46 | | | X | |
| 60 x 60 | 29,11 | X | X | | |
| 100 x 60 | 48,51 | X | | | X |
| 65 x 65 | 34,16 | | | X | |
| 130 x 65 | 68,32 | | | X | |
| 75 x 75 | 45,48 | | | X | |
| 80 x 80 | 51,75 | X | X | | |
| 90 x 90 | 65,49 | | | X | |
| 100 x 100 | 80,86 | | | X | X |
| 105 x 105 | 89,14 | X | X | | |
| 110 x 110 | 97,83 | | | X | |
| 120 x 120 | 116,43 | | | X | |
| 130 x 130 | 136,64 | X | X | | |
| 155 x 140 | 175,46 | | | | |
| 150 x 150 | 181,92 | | | X | |
| 160 x 160 | 206,99 | | | | |
| 180x 180 | 254,34 | | | X | |

PLÅT
Varmvalsad

| Euronorm | S355J2G3 | C45E | Euronorm | S355J2G3 | C45E |
|---------------|----------|---------|---------------|----------|---------|
| Tjocklek i mm | SS 2132 | SS 1650 | Tjocklek i mm | SS 2132 | SS 1650 |
| 6 | X | X | 200 | X | |
| 8 | X | X | 210 | | |
| 10 | X | X | 220 | X | |
| 12 | X | X | 240 | X | |
| 15 | X | X | 260 | X | |
| 18 | X | | 280 | X | X |
| 19 | | | 300 | X | X |
| 20 | X | X | | | |
| 23 | | | | | |
| 25 | X | X | | | |
| 28 | X | | | | |
| 30 | X | X | | | |
| 35 | | | | | |
| 40 | X | X | | | |
| 44 | | | | | |
| 45 | X | X | | | |
| 50 | X | X | | | |
| 54 | | | | | |
| 55 | X | X | | | |
| 60 | X | X | | | |
| 65 | X | | | | |
| 67 | | | | | |
| 70 | | | | | |
| 75 | X | X | | | |
| 80 | X | | | | |
| 84 | | | | | |
| 85 | X | X | | | |
| 90 | X | X | | | |
| 100 | X | | | | |
| 104 | | | | | |
| 105 | | | | | |
| 110 | X | | | | |
| 120 | X | X | | | |
| 130 | X | X | | | |
| 140 | X | X | | | |
| 150 | X | | | | |
| 160 | X | | | | |
| 170 | X | | | | |
| 180 | X | | | | |
| 190 | X | | | | |