



ST 82

vertical cable ladder, I-profile

Vertical ladder, heavy building class, beams made of profile I 80, continuously elongated hole perforation in bars for both-sided cable load, rungs made of profile rail 40x22 mm to be screwed in.

Beams and rungs are delivered not mounted including screws and nuts. External dimension = $B + 42$ mm

Hot-dip galvanized, according to BS 729 (DIN EN ISO 1461)

| Product | H | B1 | B2 | L | P_{max} | G | t |
|--------------|-------|--------|----------------------------------|---------|-----------|----------|-------------------|
| ST 82-03-3F | 80 mm | 342 mm | 258 mm | 3000 mm | 5,0 kN | 44,15 kg | I 80, DIN 1025 mm |
| incl.: | | | | | | | |
| 5x STISD 03F | | | rung | | | | |
| 2x KHI 30F | | | bracket support, heavy, 80x42 mm | | | | |
| ST 82-04-3F | 80 mm | 442 mm | 358 mm | 3000 mm | 5,0 kN | 45,71 kg | I 80, DIN 1025 mm |
| incl.: | | | | | | | |
| 5x STISD 04F | | | rung | | | | |
| 2x KHI 30F | | | bracket support, heavy, 80x42 mm | | | | |
| ST 82-05-3F | 80 mm | 542 mm | 458 mm | 3000 mm | 5,0 kN | 47,30 kg | I 80, DIN 1025 mm |
| incl.: | | | | | | | |
| 5x STISD 05F | | | rung | | | | |
| 2x KHI 30F | | | bracket support, heavy, 80x42 mm | | | | |
| ST 82-06-3F | 80 mm | 642 mm | 558 mm | 3000 mm | 5,0 kN | 48,15 kg | I 80, DIN 1025 mm |
| incl.: | | | | | | | |
| 2x KHI 30F | | | bracket support, heavy, 80x42 mm | | | | |
| 5x STISD 06F | | | rung | | | | |
| ST 82-07-3F | 80 mm | 742 mm | 658 mm | 3000 mm | 5,0 kN | 50,50 kg | I 80, DIN 1025 mm |
| incl.: | | | | | | | |
| 5x STISD 07F | | | rung | | | | |
| 2x KHI 30F | | | bracket support, heavy, 80x42 mm | | | | |
| ST 82-08-3F | 80 mm | 842 mm | 756 mm | 3000 mm | 5,0 kN | 52,10 kg | I 80, DIN 1025 mm |
| incl.: | | | | | | | |
| 5x STISD 08F | | | rung | | | | |
| 2x KHI 30F | | | bracket support, heavy, 80x42 mm | | | | |





| Product | H | B1 | B2 | L | P _{max} | G | t |
|---------------|-------|----------------------------------|---------|---------|------------------|----------|-------------------|
| ST 82-09-3F | 80 mm | 942 mm | 858 mm | 3000 mm | 5,0 kN | 53,70 kg | I 80, DIN 1025 mm |
| incl.: | | | | | | | |
| 5x STISD 09F | | rung | | | | | |
| 2x KHI 30F | | bracket support, heavy, 80x42 mm | | | | | |
| ST 82-10-3F | 80 mm | 1042 mm | 958 mm | 3000 mm | 5,0 kN | 55,30 kg | I 80, DIN 1025 mm |
| incl.: | | | | | | | |
| 5x STISD 10F | | rung | | | | | |
| 2x KHI 30F | | bracket support, heavy, 80x42 mm | | | | | |
| ST 82-11-3F | 80 mm | 1142 mm | 1058 mm | 3000 mm | 5,0 kN | 56,90 kg | I 80, DIN 1025 mm |
| incl.: | | | | | | | |
| 5x STISD 11F | | rung | | | | | |
| 2x KHI 30F | | bracket support, heavy, 80x42 mm | | | | | |
| ST 82-12-3F | 80 mm | 1242 mm | 1158 mm | 3000 mm | 5,0 kN | 58,47 kg | I 80, DIN 1025 mm |
| incl.: | | | | | | | |
| 5x STISD 12F | | rung | | | | | |
| 2x KHI 30F | | bracket support, heavy, 80x42 mm | | | | | |
| ST 82-02F | 80 mm | 242 mm | 158 mm | 6000 mm | 5,0 kN | 85,5 kg | I 80, DIN 1025 mm |
| incl.: | | | | | | | |
| 10x STISD 02F | | rung | | | | | |
| 2x KHI 60F | | bracket support, heavy, 80x42 mm | | | | | |
| ST 82-03F | 80 mm | 342 mm | 258 mm | 6000 mm | 5,0 kN | 88 kg | I 80, DIN 1025 mm |
| incl.: | | | | | | | |
| 10x STISD 03F | | rung | | | | | |
| 2x KHI 60F | | bracket support, heavy, 80x42 mm | | | | | |
| ST 82-04F | 80 mm | 442 mm | 358 mm | 6000 mm | 5,0 kN | 91,5 kg | I 80, DIN 1025 mm |
| incl.: | | | | | | | |
| 10x STISD 04F | | rung | | | | | |
| 2x KHI 60F | | bracket support, heavy, 80x42 mm | | | | | |
| ST 82-05F | 80 mm | 542 mm | 458 mm | 6000 mm | 5,0 kN | 94,5 kg | I 80, DIN 1025 mm |
| incl.: | | | | | | | |
| 10x STISD 05F | | rung | | | | | |
| 2x KHI 60F | | bracket support, heavy, 80x42 mm | | | | | |
| ST 82-06F | 80 mm | 642 mm | 558 mm | 6000 mm | 5,0 kN | 97,5 kg | I 80, DIN 1025 mm |
| incl.: | | | | | | | |
| 10x STISD 06F | | rung | | | | | |
| 2x KHI 60F | | bracket support, heavy, 80x42 mm | | | | | |
| ST 82-07F | 80 mm | 742 mm | 658 mm | 6000 mm | 5,0 kN | 100,5 kg | I 80, DIN 1025 mm |
| incl.: | | | | | | | |
| 10x STISD 07F | | rung | | | | | |
| 2x KHI 60F | | bracket support, heavy, 80x42 mm | | | | | |





| Product | H | B1 | B2 | L | P _{max} | G | t |
|---------------|---------|----------------------------------|----------|---------|------------------|----------|-------------------|
| ST 82-08F | 80 mm | 842 mm | 758 mm | 6000 mm | 5,0 kN | 103,5 kg | I 80, DIN 1025 mm |
| incl.: | | | | | | | |
| 10x STISD 08F | | | | rung | | | |
| 2x KHI 60F | | bracket support, heavy, 80x42 mm | | | | | |
| ST 82-09F | 80 mm | 942 mm | 858 mm | 6000 mm | 5,0 kN | 106,5 kg | I 80, DIN 1025 mm |
| incl.: | | | | | | | |
| 10x STISD 09F | | | | rung | | | |
| 2x KHI 60F | | bracket support, heavy, 80x42 mm | | | | | |
| ST 82-10F | 80 mm | 1042 mm | 958 mm | 6000 mm | 5,0 kN | 109,5 kg | I 80, DIN 1025 mm |
| incl.: | | | | | | | |
| 10x STISD 10F | | | | rung | | | |
| 2x KHI 60F | | bracket support, heavy, 80x42 mm | | | | | |
| ST 82-11F | 80 mm | 1142 mm | 1058 mm | 6000 mm | 5,0 kN | 112,5 kg | I 80, DIN 1025 mm |
| incl.: | | | | | | | |
| 10x STISD 11F | | | | rung | | | |
| 2x KHI 60F | | bracket support, heavy, 80x42 mm | | | | | |
| ST 82-12F | 80 mm | 1242 mm | 1158 mm | 6000 mm | 5,0 kN | 115,5 kg | I 80, DIN 1025 mm |
| incl.: | | | | | | | |
| 10x STISD 12F | | | | rung | | | |
| 2x KHI 60F | | bracket support, heavy, 80x42 mm | | | | | |
| ST 82-02-3F | 3000 mm | 5,0 kN | 42,55 kg | | | | |
| incl.: | | | | | | | |
| 5x STISD 02F | | | | rung | | | |
| 2x KHI 30F | | bracket support, heavy, 80x42 mm | | | | | |

H: height
B1: width
B2: width
L: length
P_{max}: Maximum load
G: weight
t: material thickness

OPTIONAL ACCESSORIES

AC, STR 110, HKI, BGI, BGIQ, BL 7, SI, STDE

