

Metric Threaded Bars DIN 976-1 Shape A (ex DIN 975), Steel

Threaded bars with metric ISO thread or fine thread, rolled, from steel, in different strengths.

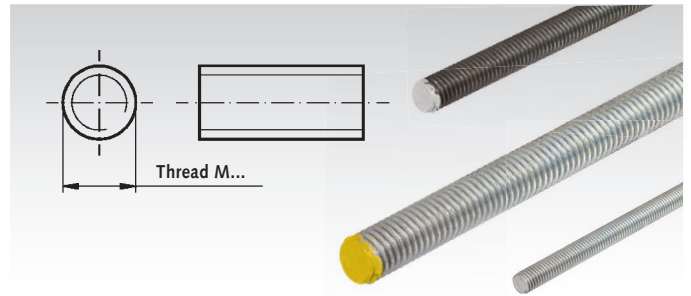
Strengths:

10.9 = 1.000 N/mm² tensile strength, yield strength 90%.

8.8 = 800 N/mm² tensile strength, yield strength 80%.

4.8 = 400 N/mm² tensile strength, yield strength 80%.

Other sizes and designs on request.



Steel, 10.9, with Metric Thread, Right-Handed

Material: 10.9, blank or zinc-plated. Marked with white paint. Threaded bars with high strength.

Length 1 m.

Ordering Details: e.g.: Product No. 650 106 00, Threaded Bar DIN 976-1, 10.9, M6, blank

Product No. blank	Product No. zinc-plated	Thread	Lead	Weight
Length 1 m	Length 1 m	mm	mm	kg
650 106 00	-	M6	1,0	0,177
650 108 00	650 208 00	M8	1,25	0,319
650 110 00	650 210 00	M10	1,5	0,502
650 112 00	650 212 00	M12	1,75	0,728
650 116 00	650 216 00	M16	2,0	1,33
650 120 00	650 220 00	M20	2,5	2,08
650 124 00	650 224 00	M24	3,0	3,00
650 130 00	650 230 00	M30	3,5	4,74
650 136 00	650 236 00	M36	4,0	6,89

Steel, 8.8, with Metric Thread, Right-Handed

Material: 8.8, zinc-plated. Marked with yellow paint. Threaded bars with medium-high strength.

Length either 1 m or 2 m.

Ordering Details: e.g.: Product No. 651 004 00, Threaded Bar DIN 976-1, 8.8, M4 x 1m

Product No. zinc-plated	Product No. zinc-plated	Thread	Lead	Weight	Weight
Length 1 m	Length 2 m	mm	mm	kg / 1 m	kg / 2 m
651 004 00	-	M4	0,7	0,078	-
651 005 00	-	M5	0,8	0,124	-
651 006 00	-	M6	1,0	0,177	-
651 008 00	651 208 00	M8	1,25	0,319	0,638
651 010 00	651 210 00	M10	1,5	0,502	1,004
651 012 00	651 212 00	M12	1,75	0,728	1,456
651 016 00	651 216 00	M16	2,0	1,33	2,66
651 020 00	651 220 00	M20	2,5	2,08	4,16
651 024 00	651 224 00	M24	3,0	3,00	6,00
651 030 00	651 230 00	M30	3,5	4,74	9,49
651 036 00	651 236 00	M36	4,0	6,89	13,78

Steel, 8.8, with Metric Thread, Left-Handed

Material: 8.8, zinc-plated. Marked with yellow paint. Threaded bars with medium-high strength.

Left-handed. Length 1 m.

Ordering Details: e.g.: Product No. 651 308 00, Threaded Bar DIN 976-1, 8.8, M8, left-handed, length 2 m

Product No. Left-handed	Thread	Lead	Weight
Length 1 m	mm	mm	kg
651 308 00	M8	1,25	0,319
651 310 00	M10	1,5	0,502
651 312 00	M12	1,75	0,728
651 316 00	M16	2	1,33
651 320 00	M20	2,5	2,08
651 324 00	M24	3	3,00
651 330 00	M30	3,5	4,74
651 336 00	M36	4	6,89

Steel, 8.8, with Metric Fine Thread, Right-Handed

Material: 8.8, zinc-plated. Marked with yellow paint. Threaded bars with medium-high strength.

With fine thread. Length 1 m.

Ordering Details: e.g.: Product No. 651 708 00, Threaded Bar DIN 976-1, 8.8 M8x1 right, fine metric thread

Product No. zinc-plated	Thread	Lead	Weight
Length 1 m	mm	mm	kg
651 708 00	M8x1	1,0	0,319
651 710 00	M10x1	1,0	0,502
651 712 00	M12x1,5	1,5	0,728
651 716 00	M16x1,5	1,5	1,33
651 720 00	M20x1,5	1,5	2,08
651 724 00	M24x1,5	1,5	3,00
651 730 00	M30x2	2,0	4,74

Steel, 4.8, with Metric Thread, Right- / Left-Handed

Material: 4.8, zinc-plated.

Threaded bars in standard quality, for light loads.

Either right-handed or left-handed. Length 1 m.

Ordering Details: e.g.: Product No. 650 003 00, Threaded Bar DIN 976-1, M3, right

Product No. Right-handed	Product No. Left-handed	Thread	Lead	Weight
Length 1 m	Length 1 m	mm	mm	kg
650 003 00	-	M3	0,5	0,043
650 004 00	-	M4	0,7	0,078
650 005 00	650 305 00	M5	0,8	0,124
650 006 00	650 306 00	M6	1,0	0,177
650 008 00	650 308 00	M8	1,25	0,319
650 010 00	650 310 00	M10	1,5	0,502
650 012 00	650 312 00	M12	1,75	0,728
650 016 00	650 316 00	M16	2,0	1,33
650 020 00	650 320 00	M20	2,5	2,08
650 024 00	650 324 00	M24	3,0	3,00
650 030 00	650 330 00	M30	3,5	4,74
650 036 00	-	M36	4,0	6,89

Steel, 4.8, with Metric Fine Thread, Right-Handed

Material: 4.8, zinc-plated.

Threaded bars in standard quality, for light loads.

With fine thread. Length 1 m.

Ordering Details: e.g.: Product No. 650 708 00, Threaded Bar DIN 976-1, M8x1 right, fine metric thread

Product No. zinc-plated	Thread	Lead	Weight
Length 1 m	mm	mm	kg
650 708 00	M8x1	1,0	0,319
650 710 00	M10x1	1,0	0,502
650 712 00	M12x1,5	1,5	0,728
650 716 00	M16x1,5	1,5	1,33
650 720 00	M20x1,5	1,5	2,08
650 724 00	M24x1,5	1,5	3,00
650 730 00	M30x2	2,0	4,74

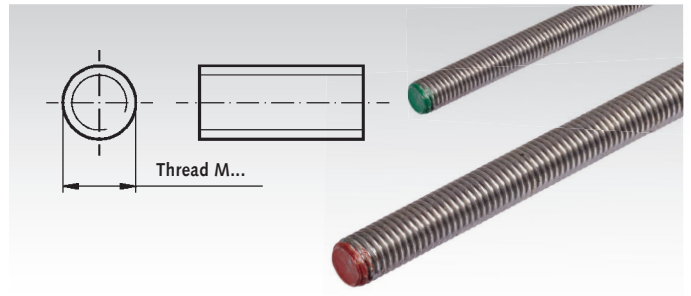
Metric Threaded Bars DIN 976-1 Shape A (ex DIN 975), Stainless Steel

Threaded bars with metric ISO thread, rolled, in stainless steel.



Other sizes and designs on request.

Note: Nuts from steel or stainless steel tend to stick (seizure) on threaded bars from steel or stainless. They must be well lubricated.



Stainless Steel, with Metric Thread, Right-Handed

Material: V2A (A2). Marked with green paint.

V4A (A4). Marked with red paint.



Length either 1 m or 2 m.

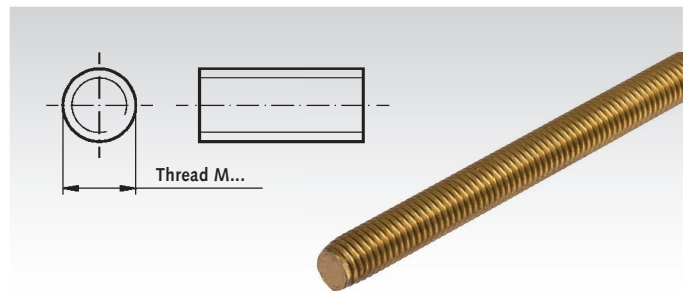
Ordering Details: e.g.: Product No. 650 990 03, Threaded Bar DIN 976-1, V2A, M3 x 1m

Product No. V2A Length 1 m	Product No. V2A Length 2 m	Product No. V4A Length 1 m	Product No. V4A Length 2 m	Thread mm	Lead mm	Weight kg / 1 m	Weight kg / 2 m
650 990 03	-	650 994 03	-	M3	0,5	0,043	0,086
650 990 04	-	650 994 04	-	M4	0,7	0,078	0,155
650 990 05	-	650 994 05	-	M5	0,8	0,124	0,248
650 990 06	-	650 994 06	-	M6	1,0	0,177	0,354
650 990 08	650 992 08	650 994 08	650 995 08	M8	1,25	0,319	0,638
650 990 10	650 992 10	650 994 10	650 995 10	M10	1,5	0,502	1,004
650 990 12	650 992 12	650 994 12	650 995 12	M12	1,75	0,728	1,456
650 990 16	650 992 16	650 994 16	650 995 16	M16	2,0	1,33	2,66
650 990 20	650 992 20	650 994 20	650 995 20	M20	2,5	2,08	4,16
650 990 24	650 992 24	650 994 24	650 995 24	M24	3,0	3,00	6,00
650 990 30	650 992 30	650 994 30	650 995 30	M30	3,5	4,74	9,49

Metric Threaded Bars DIN 976-1 Shape A (ex DIN 975), Brass

Threaded bars with metric ISO thread, rolled, from brass Ms60 (CuZn40).

Other sizes and designs on request.



Brass, with Metric Thread, Right-Handed

Material: Ms60 (CuZn40). Length 1 m.

Ordering Details: e.g.: Product No. 650 403 00, Threaded Bar DIN 976-1, M3, brass

Product No. Brass Length 1 m	Thread mm	Lead mm	Weight kg
650 403 00	M3	0,5	0,048
650 404 00	M4	0,7	0,085
650 405 00	M5	0,8	0,134
650 406 00	M6	1,0	0,192
650 408 00	M8	1,25	0,345
650 410 00	M10	1,5	0,542
650 412 00	M12	1,75	0,785
650 416 00	M16	2,0	1,44
650 420 00	M20	2,5	2,26



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