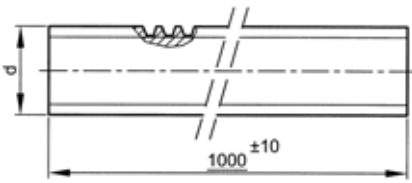


## Threaded rod Tr



- Trapezoidal thread according to DIN 103, straightness of threaded rods according to DIN 7168-2, tolerance class U.

### Article groups

Thread	Material	Class		Packaging	Code	Page
Tr	St	5.8	1 meter	Standard	20460	4-21
Tr	St	5.8	3 meter	Standard	20464	4-21
Tr	St	5.8	1 meter left hand	Standard	20466	4-21
Tr	St.St. A2		1 meter	Standard	51076	4-22
Tr	St.St. A2		3 meter	Standard	51077	4-22

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20460 Threaded rod length 1 meter		G05A
<b>Thread</b>	Trapezoidal thread	
<b>Material</b>	Steel	
<b>Class</b>	5.8	
<b>Packaging</b>	Standard	

d x P	☒	Art.number	d x P	☒	Art.number	d x P	☒	Art.number
Tr10X3	5	<a href="#">20460.100.003</a>	Tr22X5	2	<a href="#">20460.220.005</a>	Tr36X6	1	<a href="#">20460.360.006</a>
Tr12X3	5	<a href="#">20460.120.003</a>	Tr24X5	2	<a href="#">20460.240.005</a>	Tr40X7	1	<a href="#">20460.400.007</a>
Tr14X4	3	<a href="#">20460.140.004</a>	Tr26X5	1	<a href="#">20460.260.005</a>	Tr44X7	1	<a href="#">20460.440.007</a>
Tr16X4	3	<a href="#">20460.160.004</a>	Tr28X5	1	<a href="#">20460.280.005</a>	Tr50X8	1	<a href="#">20460.500.008</a>
Tr18X4	2	<a href="#">20460.180.004</a>	Tr30X6	1	<a href="#">20460.300.006</a>	Tr60X9	1	<a href="#">20460.600.009</a>
Tr20X4	2	<a href="#">20460.200.004</a>	Tr32X6	1	<a href="#">20460.320.006</a>			

20464 Threaded rod length 3 meter		G05A
<b>Thread</b>	Trapezoidal thread	
<b>Material</b>	Steel	
<b>Class</b>	5.8	
<b>Packaging</b>	Standard	

d x P	☒	Art.number	d x P	☒	Art.number	d x P	☒	Art.number
Tr10X3	1	<a href="#">20464.100.003</a>	Tr20X4	1	<a href="#">20464.200.004</a>	Tr36X6	1	<a href="#">20464.360.006</a>
Tr12X3	1	<a href="#">20464.120.003</a>	Tr24X5	1	<a href="#">20464.240.005</a>	Tr40X7	1	<a href="#">20464.400.007</a>
Tr16X4	1	<a href="#">20464.160.004</a>	Tr30X6	1	<a href="#">20464.300.006</a>			

20466 Threaded rod length 1 meter left hand thread		G05A
<b>Thread</b>	Trapezoidal thread	
<b>Material</b>	Steel	
<b>Class</b>	5.8	
<b>Packaging</b>	Standard	

d x P	☒	Art.number	d x P	☒	Art.number	d x P	☒	Art.number
Tr12X3	3	<a href="#">20466.120.003</a>	Tr24X5	1	<a href="#">20466.240.005</a>	Tr40X7	1	<a href="#">20466.400.007</a>
Tr16X4	2	<a href="#">20466.160.004</a>	Tr30X6	1	<a href="#">20466.300.006</a>			
Tr20X4	1	<a href="#">20466.200.004</a>	Tr36X6	1	<a href="#">20466.360.006</a>			

51076 Threaded rod length 1 meter		R09A
<b>Thread</b>	Trapezoidal thread	
<b>Material</b>	Stainless steel A2	
<b>Packaging</b>	Standard	

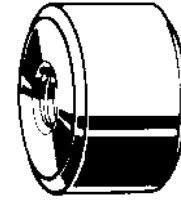
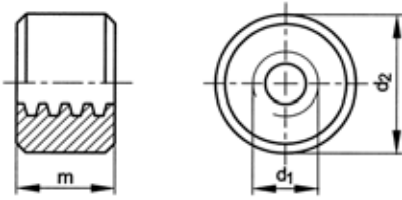
d x P	✉	Art.number	d x P	✉	Art.number	d x P	✉	Art.number
Tr12X3	1	<a href="#">51076.120.003</a>	Tr20X4	1	<a href="#">51076.200.004</a>	Tr30X6	1	<a href="#">51076.300.006</a>
Tr16X4	1	<a href="#">51076.160.004</a>	Tr24X5	1	<a href="#">51076.240.005</a>			

51077 Threaded rod length 3 meter		R09A
<b>Thread</b>	Trapezoidal thread	
<b>Material</b>	Stainless steel A2	
<b>Packaging</b>	Standard	

d x P	✉	Art.number	d x P	✉	Art.number	d x P	✉	Art.number
Tr12X3	1	<a href="#">51077.120.003</a>	Tr20X4	1	<a href="#">51077.200.004</a>	Tr30X6	1	<a href="#">51077.300.006</a>
Tr16X4	1	<a href="#">51077.160.004</a>	Tr24X5	1	<a href="#">51077.240.005</a>			

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## Round nut Tr



### Technical data

d1	d2	m	d1	d2	m	d1	d2	m
Tr10 (#DIN)	22	15	Tr22	45	33	Tr36	75	54
Tr12	26	18	Tr24	50	36	Tr40	80	60
Tr14 (#DIN)	30	21	Tr26	50	39	Tr44	80	66
Tr16	36	24	Tr28	60	42	Tr50	90	75
Tr18	40	27	Tr30	60	45	Tr60	100	90
Tr20	45	30	Tr32	60	48			

- Trapezoidal thread acc. to DIN 103.

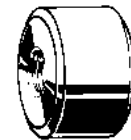
### Article groups

Thread	Material	Packaging	Code	Page
Tr	Free-cutting steel	Standard	20470	4-23
Tr	Free-cutting steel	left hand	20476	4-23
Tr	St.St. A1	Standard	51170	4-23

#### 20470 Round nut Tr

**G05A**

**Thread** Trapezoidal thread  
**Material** Free-cutting steel  
**Packaging** Standard

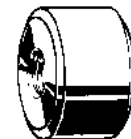


d1 x P	☒	Art.number	d1 x P	☒	Art.number	d1 x P	☒	Art.number
Tr10X3	10	<a href="#">20470.100.003</a>	Tr22X5	4	<a href="#">20470.220.005</a>	Tr36X6	2	<a href="#">20470.360.006</a>
Tr12X3	10	<a href="#">20470.120.003</a>	Tr24X5	4	<a href="#">20470.240.005</a>	Tr40X7	2	<a href="#">20470.400.007</a>
Tr14X4	6	<a href="#">20470.140.004</a>	Tr26X5	2	<a href="#">20470.260.005</a>	Tr44X7	2	<a href="#">20470.440.007</a>
Tr16X4	6	<a href="#">20470.160.004</a>	Tr28X5	2	<a href="#">20470.280.005</a>	Tr50X8	2	<a href="#">20470.500.008</a>
Tr18X4	4	<a href="#">20470.180.004</a>	Tr30X6	2	<a href="#">20470.300.006</a>	Tr60X9	2	<a href="#">20470.600.009</a>
Tr20X4	4	<a href="#">20470.200.004</a>	Tr32X6	2	<a href="#">20470.320.006</a>			

#### 20476 Round nut left hand thread

**G05A**

**Thread** Trapezoidal thread  
**Material** Free-cutting steel  
**Packaging** Standard

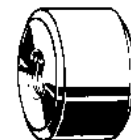


d1 x P	☒	Art.number	d1 x P	☒	Art.number	d1 x P	☒	Art.number
Tr12X3	6	<a href="#">20476.120.003</a>	Tr24X5	2	<a href="#">20476.240.005</a>	Tr36X6	2	<a href="#">20476.360.006</a>
Tr16X4	4	<a href="#">20476.160.004</a>	Tr30X6	2	<a href="#">20476.300.006</a>	Tr40X7	2	<a href="#">20476.400.007</a>
Tr20X4	2	<a href="#">20476.200.004</a>	Tr32X6	2	<a href="#">20476.320.006</a>			

#### 51170 Round nut Tr

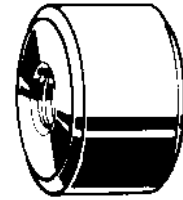
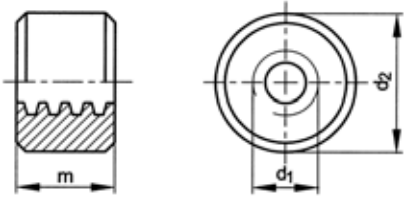
**R09A**

**Thread** Trapezoidal thread  
**Material** Stainless steel A1  
**Packaging** Standard



d1 x P	☒	Art.number	d1 x P	☒	Art.number	d1 x P	☒	Art.number
Tr12X3	1	<a href="#">51170.120.003</a>	Tr20X4	1	<a href="#">51170.200.004</a>	Tr30X6	1	<a href="#">51170.300.006</a>
Tr16X4	1	<a href="#">51170.160.004</a>	Tr24X5	1	<a href="#">51170.240.005</a>			


## Round nut



### Technical data

d1	d2	m
Tr12	27	18
Tr16	36	32
Tr20	47	40
Tr24	52	48
Tr30	62	45
Tr36	75	54
Tr40	80	80

- Trapezoidal thread acc. to DIN 103.

20474 Round nut		G05A
<b>Thread</b>	Trapezoidal thread	
<b>Material</b>	Bronze Cu4	
<b>Packaging</b>	Standard	

d1 x P	☒	Art.number	d1 x P	☒	Art.number	d1 x P	☒	Art.number
Tr12X3	6	<a href="#">20474.120.003</a>	Tr24X5	2	<a href="#">20474.240.005</a>	Tr40X7	1	<a href="#">20474.400.007</a>
Tr16X4	4	<a href="#">20474.160.004</a>	Tr30X6	1	<a href="#">20474.300.006</a>			
Tr20X4	2	<a href="#">20474.200.004</a>	Tr36X6	1	<a href="#">20474.360.006</a>			