

# F189



## SOLID STAR HANDWHEEL WITH THREADED STUD

### Materials:

Reinforced polyamide.  
Resistant to oils and greases.

### Surface finish:

Satin.

### Colour:

Black (RAL 9011).

### Inserts:

#### F189:

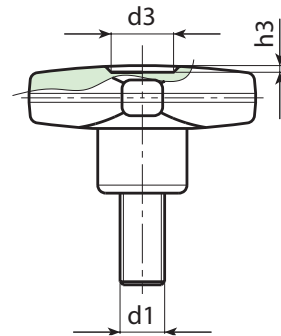
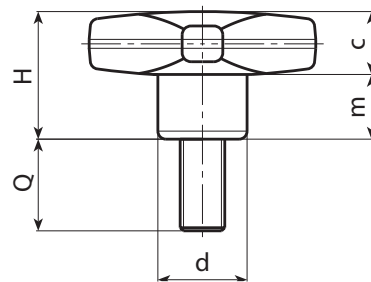
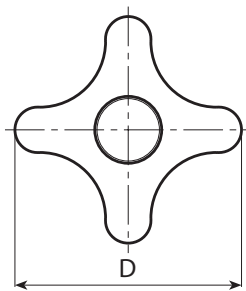
Galvanised steel threaded stud (thread tolerance 6g).

#### F189CIN:

Threaded stainless steel stud (Aisi 304) (thread tolerance 6g).

### Special Requests:

- Upon request and for special quantities inserts can be supplied with customised lengths.
- Upon request and for special quantities inserts can be supplied in different materials.
- Upon request and for special quantities available in the colours indicated in the chart (attention: reduced range) [page ].



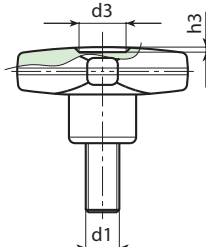
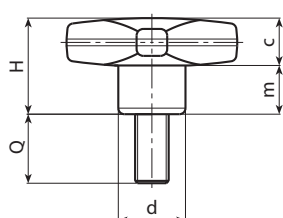
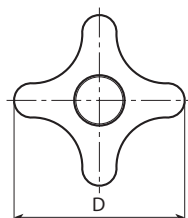
### Version F189 - galvanised steel stud.

Code	Art.	D	H	d	c	m	d3	h3	LM	d1 <sub>6g</sub>	Q	g
-	F18932.TM05X1601	32	23	15	11	11	9	1.5	80	M5	16	14
-	F18932.TM05X2001	32	23	15	11	11	9	1.5	80	M5	20	15
-	F18932.TM05X3001	32	23	15	11	11	9	1.5	80	M5	30	16
-	F18932.TM06X1601	32	23	15	11	11	9	1.5	80	M6	16	15
-	F18932.TM06X2001	32	23	15	11	11	9	1.5	80	M6	20	16
-	F18932.TM06X3001	32	23	15	11	11	9	1.5	80	M6	30	17
-	F18932.TM08X1601	32	23	15	11	11	9	1.5	80	M8	16	19
-	F18932.TM08X2001	32	23	15	11	11	9	1.5	80	M8	20	21
-	F18932.TM08X3001	32	23	15	11	11	9	1.5	80	M8	30	23
-	F18932.TM08X4001	32	23	15	11	11	9	1.5	80	M8	40	25
-	F18932.TM10X2001	32	23	15	11	11	9	1.5	80	M10	20	24
-	F18932.TM10X3001	32	23	15	11	11	9	1.5	80	M10	30	27
-	F18932.TM10X4001	32	23	15	11	11	9	1.5	80	M10	40	30
-	F18940.TM06X1501	40	24.5	17	12	12.5	12	1	80	M6	15	20
-	F18940.TM06X2001	40	24.5	17	12	12.5	12	1	80	M6	20	20
-	F18940.TM06X3001	40	24.5	17	12	12.5	12	1	80	M6	30	21
-	F18940.TM06X4001	40	24.5	17	12	12.5	12	1	80	M6	40	22
-	F18940.TM06X5001	40	24.5	17	12	12.5	12	1	80	M6	50	25
-	F18940.TM08X1601	40	24.5	17	12	12.5	12	1	80	M8	16	22
-	F18940.TM08X2001	40	24.5	17	12	12.5	12	1	80	M8	20	24
-	F18940.TM08X3001	40	24.5	17	12	12.5	12	1	80	M8	30	29
-	F18940.TM08X4001	40	24.5	17	12	12.5	12	1	80	M8	40	33
-	F18940.TM08X5001	40	24.5	17	12	12.5	12	1	80	M8	50	37
-	F18940.TM10X1501	40	24.5	17	12	12.5	12	1	80	M10	15	28.5
-	F18940.TM10X2001	40	24.5	17	12	12.5	12	1	80	M10	20	30
-	F18940.TM10X3001	40	24.5	17	12	12.5	12	1	80	M10	30	35
-	F18940.TM10X5001	40	24.5	17	12	12.5	12	1	80	M10	50	47
-	F18950.TM08X2001	50	29	20	14	15	14.5	1.5	80	M8	20	38
-	F18950.TM08X3001	50	29	20	14	15	14.5	1.5	80	M8	30	42
-	F18950.TM08X4001	50	29	20	14	15	14.5	1.5	80	M8	40	46

LM = Maximum mouldable length.

# F189

## SOLID STAR HANDWHEEL WITH THREADED STUD



### Version F189 - galvanised steel stud.

Code	Art.	D	H	d	c	m	d3	h3	LM	d1 <sub>6g</sub>	Q	g
-	F18950.TM10X2001	50	29	20	14	15	14.5	1.5	80	M10	20	49
-	F18950.TM10X3001	50	29	20	14	15	14.5	1.5	80	M10	30	55
-	F18950.TM10X4001	50	29	20	14	15	14.5	1.5	80	M10	40	61
-	F18950.TM10X5001	50	29	20	14	15	14.5	1.5	80	M10	50	65
-	F18950.TM12X3001	50	29	20	14	15	14.5	1.5	80	M12	30	57
-	F18950.TM12X5001	50	29	20	14	15	14.5	1.5	80	M12	50	70
-	F18960.TM08X1501	60	34	24	15.5	18.5	18	1.5	80	M8	15	45,5
-	F18960.TM08X2001	60	34	24	15.5	18.5	18	1.5	80	M8	20	47
-	F18960.TM08X3001	60	34	24	15.5	18.5	18	1.5	80	M8	30	50
-	F18960.TM08X4001	60	34	24	15.5	18.5	18	1.5	80	M8	40	53
-	F18960.TM10X2001	60	34	24	15.5	18.5	18	1.5	80	M10	20	72
-	F18960.TM10X3001	60	34	24	15.5	18.5	18	1.5	80	M10	30	72
-	F18960.TM10X4001	60	34	24	15.5	18.5	18	1.5	80	M10	40	72
-	F18960.TM10X5001	60	34	24	15.5	18.5	18	1.5	80	M10	50	72
-	F18960.TM12X2001	60	34	24	15.5	18.5	18	1.5	80	M12	20	78
-	F18960.TM12X3001	60	34	24	15.5	18.5	18	1.5	80	M12	30	85
-	F18960.TM12X4001	60	34	24	15.5	18.5	18	1.5	80	M12	40	91
-	F18960.TM12X5001	60	34	24	15.5	18.5	18	1.5	80	M12	50	99

LM = Maximum mouldable length.  
Customised stud lengths available for a minimum of 150 pieces.

### Version F189CIN: stainless steel stud (Aisi 303).



Code	Art.	D	H	d	c	m	d3	h3	LM	d1 <sub>6g</sub>	Q	g
-	F18932.TM05X2001CIN	32	23	15	11	11	9	1.5	80	M5	20	15
-	F18932.TM05X4001CIN	32	23	15	11	11	9	1.5	80	M5	40	17
-	F18932.TM06X1601CIN	32	23	15	11	11	9	1.5	80	M6	16	15
-	F18932.TM06X2001CIN	32	23	15	11	11	9	1.5	80	M6	20	16
-	F18932.TM06X3001CIN	32	23	15	11	11	9	1.5	80	M6	30	17
-	F18932.TM08X1601CIN	32	23	15	11	11	9	1.5	80	M8	16	19
-	F18932.TM08X2001CIN	32	23	15	11	11	9	1.5	80	M8	20	21
-	F18932.TM08X3001CIN	32	23	15	11	11	9	1.5	80	M8	30	23
-	F18932.TM10X2001CIN	32	23	15	11	11	9	1.5	80	M10	20	24
-	F18940.TM06X1501CIN	40	24.5	17	12	12.5	12	1	80	M6	15	19,5
-	F18940.TM06X2001CIN	40	24.5	17	12	12.5	12	1	80	M6	20	20
-	F18940.TM06X4001CIN	40	24.5	17	12	12.5	12	1	80	M6	40	22
-	F18940.TM08X1601CIN	40	24.5	17	12	12.5	12	1	80	M8	16	22
-	F18940.TM08X2001CIN	40	24.5	17	12	12.5	12	1	80	M8	20	24
-	F18940.TM08X3001CIN	40	24.5	17	12	12.5	12	1	80	M8	30	29
-	F18940.TM08X4001CIN	40	24.5	17	12	12.5	12	1	80	M8	40	33
-	F18950.TM08X3501CIN	50	29	20	14	15	14.5	1.5	80	M8	35	44
-	F18950.TM10X2001CIN	50	29	20	14	15	14.5	1.5	80	M10	20	49
-	F18950.TM10X3001CIN	50	29	20	14	15	14.5	1.5	80	M10	30	55
-	F18950.TM10X4001CIN	50	29	20	14	15	14.5	1.5	80	M10	40	61
-	F18960.TM10X5001CIN	60	34	24	15.5	18.5	18	1.5	80	M10	50	72
-	F18960.TM12X4001CIN	60	34	24	15.5	18.5	18	1.5	80	M12	40	91
-	F18960.TM12X6001CIN	60	34	24	15.5	18.5	18	1.5	80	M12	60	103

LM = Maximum mouldable length.