

EXTENSION FOR MACHINE TAPS

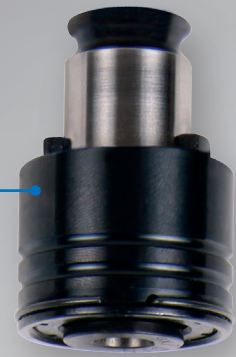
CHUCK FOR MACHINE TAPS

EXTERNAL SQUARE SHANK

INTERNAL SQUARE SHANK

CLAMPING UNIT WITH KNURLED SURFACE

SQUARE SHANK



dimension of machine taps

No.	DIN 371 d1	DIN 376 d1	shank Ø	square shank	clamping length
01	M2 - 2,5	M 4	2,8	2,1	22
01L					
02	M3	M4,5 - 5	3,5	2,7	23
02L					
03	M4	M6	4,5	3,4	23
03L					
04	M4,5 - 6	M8	6	4,9	26
04L					
05	M7	M9 - 10	7	5,5	26
05L					
06	M8	M11	8	6,2	30
06L					
07	M9	M12	9	7	31
07L					
08	M10		10	8	33
08L					
09		M14	11	9	36
09L					
10		M16	12	9	36
10L					

dimension of the extension tool

No.	shank Ø	square shank	shank Ø (max)	shank length total	length	item no.
01	6	4,9	6,1	60	130	01724010
01L				70	230	01724020
02	6	4,9	7,5	60	130	01724030
02L				70	230	01724040
03	6	4,9	8,4	60	130	01724050
03L				70	230	01724060
04	7	5,5	12,1	60	130	01724070
04L				70	230	01724080
05	7	5,5	12,1	60	130	01724090
05L				70	230	01724100
06	8	6,2	13	60	130	01724110
06L				80	230	01724120
07	9	7	15	60	130	01724130
07L				80	230	01724140
08	10	8	15	60	130	01724150
08L				80	230	01724160
09	11	9	18	90	130	01724170
09L					230	01724180
10	12	9	18	90	130	01724190

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Precision is in the detail. Since 1889.

THREADING TOOLS
Gustav Stursberg GmbH

► GSR NEWSLETTER

No. 4



DEAR CUSTOMERS,

today we present our new tool holder made of powder metall. At first glance not a real novelty, you will find the quality in the detail. Have a look in the inner part of this brochure to learn more about the material and its advantages over conventional steel bodies. The second novelty is the new GSR extension tool for machine taps. Most important property of this tool is to reach the best concentricity. You will find more information on the back. And finally we want to introduce our trainees. Your future contacts!

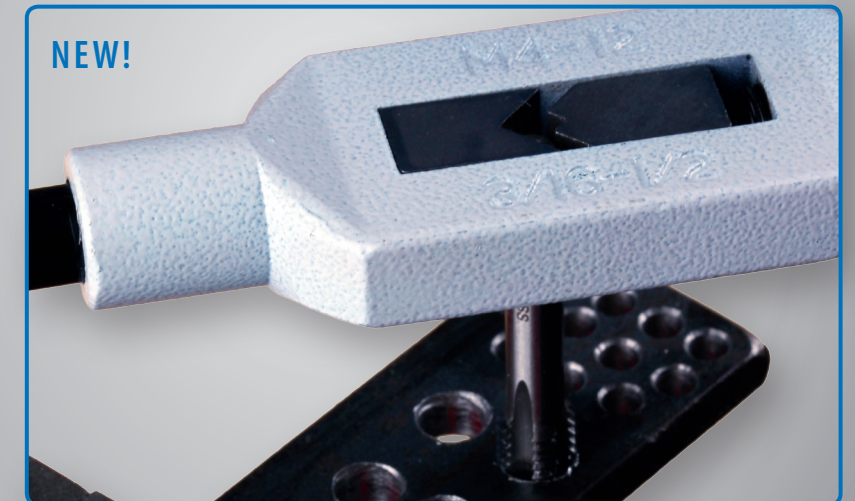
The team of GSR

NEW!



MACHINE TAPS EXTENSION

NEW!



PM TOOLHOLDERS



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THE GSR-APPRENTICES

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THREADING TOOLS
Gustav Stursberg GmbH

POWDER METAL



Powder metal consists powder of different kind of material compositions (main ingredients are: Fe, Cu and C). After the cold forming process, the mouldings will be sintered by a temperature of 1180 to 1700°C. Finally the parts will be nitrided.

size	for round dies	length	weight	item no.
No. 0	M 1-8	136	60	00603010
No. 1	M 1-10	180	114	00603020
No. 1.1/2	M 3-10	180	112	00603030
No. 2	M 4-12	270	288	00603040
No. 3	M 5-20	355	598	00603050
No. 4	M 9-27	520	966	00603060
No. 5	12-33	615	1444	00603070

FOR HAND TAPS
WITH SQUARE SHANK
ACCORDING TO DIN10

DIN 1814

DIN 225

BODY MADE OF PM

BODY MADE OF PM

ADVANTAGES OF PM TOOLS

- high fracture strength
- exceptional toughness
- high durability
- high tolerances

The handles will be surface treated by the QP-process; there are compounds of carbon stored. Finally the handles will be nitrided and polished. The biggest advantage of this treatment is the corrosion resistance and the surface hardness at elevated compressive strength. This process is more environmentally friendly than other processes of treatment.

size	for round dies	length	weight	item no.
16 × 5	M 1 - 3	130	57	00640010
20 × 5	M 3 - 4	205	100	00640020
20 × 7	M 4,5 - 6	205	98	00640030
25 × 9	M 7 - 9	230	133	00640040
30 × 11	M 10 - 11	275	184	00640050
38 × 10	MF12 - 14	320	311	00640060
38 × 11	M 12 - 14	310	315	00640070
38 × 14	M 12 - 14	310	311	00640080
45 × 14	MF 16 - 20	450	741	00640090
45 × 18	M 16 - 20	450	737	00640100
55 × 16	MF 22 - 24	560	1289	00640110
55 × 18	M 22 - 24	560	1289	00640120
65 × 20	M 30 - 36	530	1538	00640130

PM TOOLHOLDER

The main body is made of powder metal. Advantages: lower weight than steel bodies; higher fracture strength than tool holder made of zinc-die cast. Through the high tolerance manufacturing process the tools are ideal for industry user.