

Архангельск (8182)63-90-72  
Астана (7172)727-132  
Астрахань (8512)99-46-04  
Барнаул (3852)73-04-60  
Белгород (4722)40-23-64  
Брянск (4832)59-03-52  
Владивосток (423)249-28-31  
Волгоград (844)278-03-48  
Вологда (8172)26-41-59  
Воронеж (473)204-51-73  
Екатеринбург (343)384-55-89  
Иваново (4932)77-34-06

Ижевск (3412)26-03-58  
Иркутск (395)279-98-46  
Казань (843)206-01-48  
Калининград (4012)72-03-81  
Калуга (4842)92-23-67  
Кемерово (3842)65-04-62  
Киров (8332)68-02-04  
Краснодар (861)203-40-90  
Красноярск (391)204-63-61  
Курск (4712)77-13-04  
Липецк (4742)52-20-81  
Киргизия (996)312-96-26-47

Магнитогорск (3519)55-03-13  
Москва (495)268-04-70  
Мурманск (8152)59-64-93  
Набережные Челны (8552)20-53-41  
Нижний Новгород (831)429-08-12  
Новокузнецк (3843)20-46-81  
Новосибирск (383)227-86-73  
Омск (3812)21-46-40  
Орел (4862)44-53-42  
Оренбург (3532)37-68-04  
Пенза (8412)22-31-16  
Россия (495)268-04-70

Пермь (342)205-81-47  
Ростов-на-Дону (863)308-18-15  
Рязань (4912)46-61-64  
Самара (846)206-03-16  
Санкт-Петербург (812)309-46-40  
Саратов (845)249-38-78  
Севастополь (8692)22-31-93  
Симферополь (3652)67-13-56  
Смоленск (4812)29-41-54  
Сочи (862)225-72-31  
Ставрополь (8652)20-65-13  
Казахстан (772)734-952-31

Сургут (3462)77-98-35  
Тверь (4822)63-31-35  
Томск (3822)98-41-53  
Тула (4872)74-02-29  
Тюмень (3452)66-21-18  
Ульяновск (8422)24-23-59  
Уфа (347)229-48-12  
Хабаровск (4212)92-98-04  
Челябинск (351)202-03-61  
Череповец (8202)49-02-64  
Ярославль (4852)69-52-93

<https://fanar.nt-rt.ru/> || [frk@nt-rt.ru](mailto:frk@nt-rt.ru)

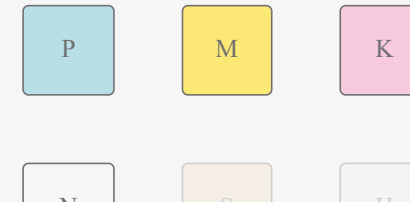
## 1400-HT

A new range of taps with innovative cutting edge geometry designed for machining hard and abrasive materials such as steel with a tensile strength from 1200 to 1400 MPa and aluminium with high silicon content. The optimised shape of the chip grooves ensures high process safety.

The tool is made of **HSSE-PM** steel obtained by powder metallurgy technology, which guarantees a uniform structure conducive to high wear resistance.




## Application



## Variants

Variant		Type of hole	Type of chamfer	Type of grooves	Execution standard
---------	--	--------------	-----------------	-----------------	--------------------


C-TS			C (2-3P)	Straight	DIN-371
------	-----------------------------------------------------------------------------------	-------------------------------------------------------------------------------------	----------	----------	---------

C-TS			C (2-3P)	Straight	DIN-374/DIN-376
------	-----------------------------------------------------------------------------------	-------------------------------------------------------------------------------------	----------	----------	-----------------

B-TS			B (4-5P)	Spiral point	DIN-371
------	-----------------------------------------------------------------------------------	-------------------------------------------------------------------------------------	----------	--------------	---------

B-TS			B (4-5P)	Spiral point	DIN-376/DIN-374
------	-----------------------------------------------------------------------------------	--------------------------------------------------------------------------------------	----------	--------------	-----------------

C-R15-TS			C (2-3P)	R15	DIN-371
----------	-------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------	----------	-----	---------

C-R15-TS			C (2-3P)	R15	DIN-374/DIN-376
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1400-HT C-TS DIN-371



HSSE-PM

TS

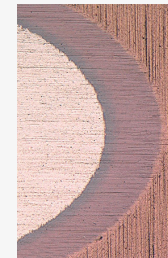
C (2-3P)



## 1400-HT

An efficient solution for hard and abrasive materials.

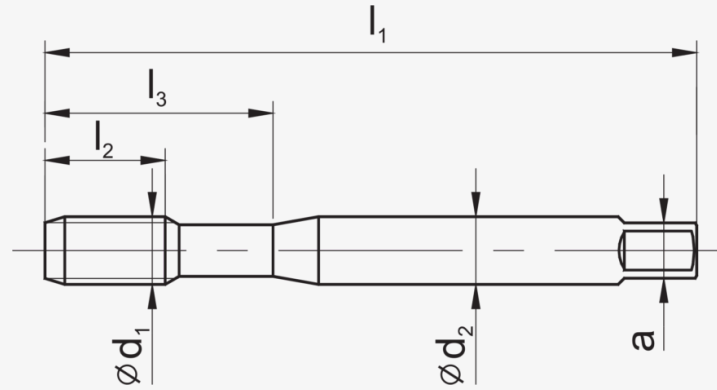
### Protection



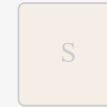
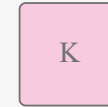
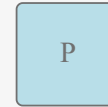
The TS coat developed by Fanar protects the tools against wear and tear. Applied in state-of-the-art HiPIMS technology that guarantees homogenous coat structure and the highest crack resistance. Silicon contained in the coat allows machining hard and abrasive materials.

Select thread variant

M









Application



## Dimensions

Index	Thread direction	$\varnothing d_1$	P	Pitch diameter tolerance	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a	Średnica otworu
-------	------------------	-------------------	---	--------------------------	-------	-------	-------	-------------------	---	-----------------

<b>C4-12G901-0030</b>		M3	0,5	6HX	56	10	18	3,5	2,7	2,50
<b>C4-12G901-0040</b>		M4	0,70	6HX	63	12	21	4,5	3,4	3,30
<b>C4-12G901-0050</b>		M5	0,80	6HX	70	14	25	6,0	4,9	4,20
<b>C4-12G901-0060</b>		M6	1,00	6HX	80	18	30	6,0	4,9	5,00
<b>C4-12G901-0080</b>		M8	1,25	6HX	90	20	35	8,0	6,2	6,80
<b>C4-12G901-0100</b>		M10	1,50	6HX	100	20	39	10,0	8,0	8,50

1400-HT C-TS DIN-376



## C-TS DIN-376

An efficient solution for hard and abrasive materials.

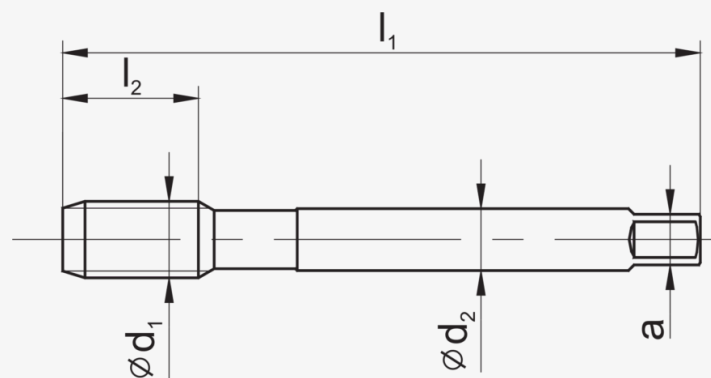
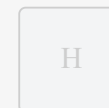
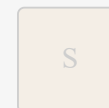
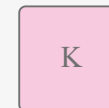
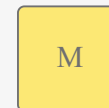
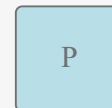
### Protection



The TS coat developed by Fanar protects the tools against wear and tear. Applied in state-of-the-art HiPIMS technology that guarantees homogenous coat structure and the highest crack resistance. Silicon contained in the coat allows machining hard and abrasive materials.




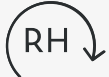

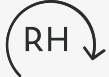

Select thread variant

Application



## Dimensions

Index	Thread direction	$\varnothing d_1$	P	Pitch diameter tolerance	$l_1$	$l_2$	$\varnothing d_2$	a	Średnica otworu
-------	------------------	-------------------	---	--------------------------	-------	-------	-------------------	---	-----------------

<b>D4-12G901-0080</b>		M8	1,25	6HX	90	20	6,0	4,9	6,80
<b>D4-12G901-0100</b>		M10	1,50	6HX	100	20	7,0	5,5	8,50
<b>D4-12G901-0120</b>		M12	1,75	6HX	110	24	9,0	7,0	10,20
<b>D4-12G901-0140</b>		M14	2,00	6HX	110	25	11,0	9,0	12,00
<b>D4-12G901-0160</b>		M16	2,00	6HX	110	32	12,0	9,0	14,00
<b>D4-12G901-0180</b>		M18	2,50	6HX	125	32	14,0	11,0	15,50
<b>D4-12G901-0200</b>		M20	2,50	6HX	140	32	16,0	12,0	17,50
<b>D4-12G901-0220</b>		M22	2,50	6HX	140	32	18,0	14,5	19,50



**D4-12G901-0240**



M24

3,00

6HX

160

38

18,0

14,5

21,00

**D4-12G901-0270**



M27

3,00

6HX

160

38

20,0

16,0

24,00

**D4-12G901-0300**



M30

3,50

6HX

180

45

22,0

18,0

26,50

**D4-12G901-0330**



M33

3,50

6HX

180

45

25,0

20,0

29,50

**D4-12G901-0360**



M36

4,00

6HX

200

50

28,0

22,0

32,00

1400-HT B-TS DIN-371



HSSE-PM

TS

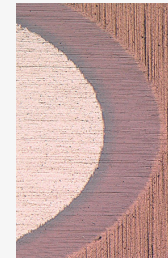
B (4-5P)



## B-TS DIN-371

An efficient solution for hard and abrasive materials.

### Protection

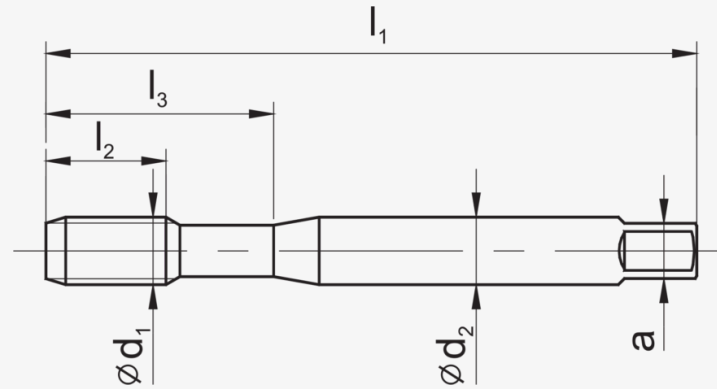


The TS coat developed by Fanar protects the tools against wear and tear. Applied in state-of-the-art HiPIMS technology that guarantees

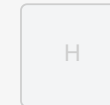
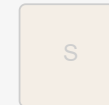
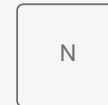
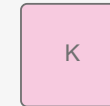
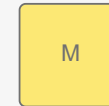
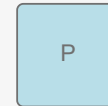
homogenous coat structure and the highest crack resistance. Silicon contained in the coat allows machining hard and abrasive materials.

Select thread variant

M





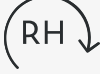


Application



## Dimensions

Index	Thread direction	$\varnothing d_1$	P	Pitch diameter tolerance	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a	Średnica otworu
-------	------------------	-------------------	---	--------------------------	-------	-------	-------	-------------------	---	-----------------

<b>C4-11G901-0030</b>		M3	0,50	6HX	56	10	18	3,5	2,7	2,50
<b>C4-11G901-0040</b>		M4	0,70	6HX	63	12	21	4,5	3,4	3,30
<b>C4-11G901-0050</b>		M5	0,80	6HX	70	14	25	6,0	4,9	4,20
<b>C4-11G901-0060</b>		M6	1,00	6HX	80	18	30	6,0	4,9	5,00
<b>C4-11G901-0080</b>		M8	1,25	6HX	90	20	35	8,0	6,2	6,80
<b>C4-11G901-0100</b>		M10	1,50	6HX	100	20	39	10,0	8,0	8,50

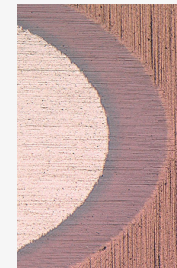
1400-HT B-TS DIN-376



## B-TS DIN-376

An efficient solution for hard and abrasive materials.

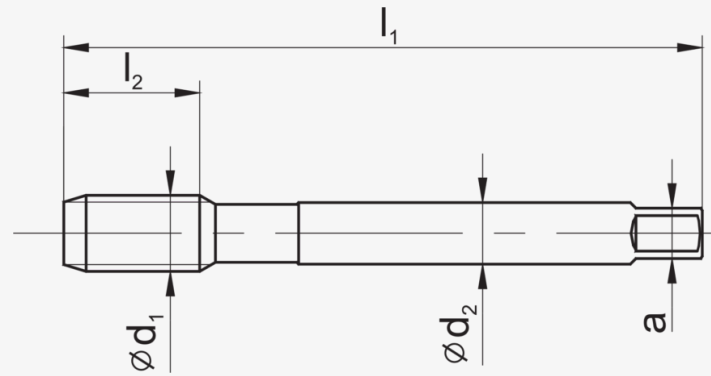
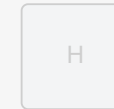
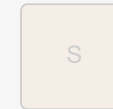
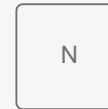
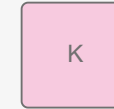
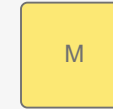
### Protection



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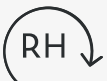





Select thread variant

Application



## Dimensions

Index	Thread direction	$\varnothing d_1$	P	Pitch diameter tolerance	$l_1$	$l_2$	$\varnothing d_2$	a	Średnica otworu
-------	------------------	-------------------	---	--------------------------	-------	-------	-------------------	---	-----------------

<b>D4-11G901-0080</b>		M8	1,25	6HX	90	20	6,0	4,9	6,80
<b>D4-11G901-0100</b>		M10	1,50	6HX	100	20	7,0	5,5	8,50
<b>D4-11G901-0120</b>		M12	1,75	6HX	110	24	9,0	7,0	10,20
<b>D4-11G901-0140</b>		M14	2,00	6HX	110	25	11,0	9,0	12,00
<b>D4-11G901-0160</b>		M16	2,00	6HX	110	32	12,0	9,0	14,00
<b>D4-11G901-0180</b>		M18	2,50	6HX	125	32	14,0	11,0	15,50
<b>D4-11G901-0200</b>		M20	2,50	6HX	140	32	16,0	12,0	17,50
<b>D4-11G901-0220</b>		M22	2,50	6HX	140	32	18,0	14,5	19,50

**D4-11G901-0240**



M24

3,00

6HX

160

38

18,0

14,5

21,00

**D4-11G901-0270**



M27

3,00

6HX

160

38

20,0

16,0

24,00

**D4-11G901-0300**



M30

3,50

6HX

180

45

22,0

18,0

26,50

**D4-11G901-0330**



M33

3,50

6HX

180

45

25,0

20,0

29,50

**D4-11G901-0360**



M36

4,00

6HX

200

50

28,0

22,0

32,00



1400-HT C-R15-TS DIN-371



HSSE-PM

TS

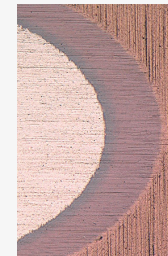
C (2-3P)



## C-R15-TS DIN-371

An efficient solution for hard and abrasive materials.

### Protection

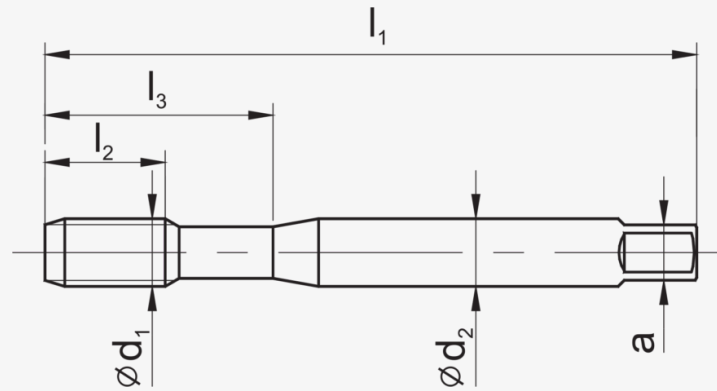


The TS coat developed by Fanar protects the tools against wear and tear. Applied in state-of-the-art HiPIMS technology that guarantees

homogenous coat structure and the highest crack resistance. Silicon contained in the coat allows machining hard and abrasive materials.

Select thread variant

M



Application

P

M

K







N

S

H

## Dimensions

Index	Thread direction	$\varnothing d_1$	P	Pitch diameter tolerance	$l_1$	$l_2$	$l_3$	$\varnothing d_2$	a	Średnica otworu
-------	------------------	-------------------	---	--------------------------	-------	-------	-------	-------------------	---	-----------------

<b>C4-50G901-0030</b>		M3	0,50	6HX	56	10	18	3,5	2,7	2,50
<b>C4-50G901-0040</b>		M4	0,70	6HX	63	12	21	4,5	3,4	3,30
<b>C4-50G901-0050</b>		M5	0,80	6HX	70	14	25	6,0	4,9	4,20
<b>C4-50G901-0060</b>		M6	1,00	6HX	80	18	30	6,0	4,9	5,00
<b>C4-50G901-0080</b>		M8	1,25	6HX	90	20	35	8,0	6,2	6,80
<b>C4-50G901-0100</b>		M10	1,50	6HX	100	20	39	10,0	8,0	8,50

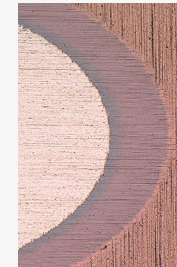
1400-HT C-R15-TS DIN-376



## C-R15-TS DIN-376

An efficient solution for hard and abrasive materials.

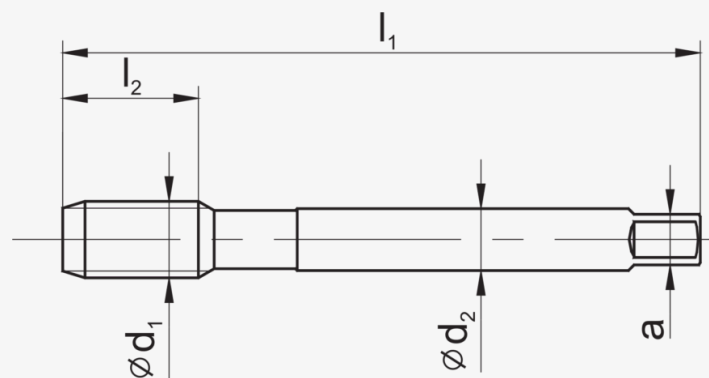
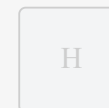
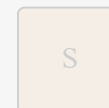
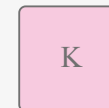
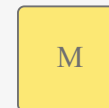
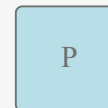
### Protection



The TS coat developed by Fanar protects the tools against wear and tear. Applied in state-of-the-art HiPIMS technology that guarantees homogenous coat structure and the highest crack resistance. Silicon contained in the coat allows machining hard and abrasive materials.




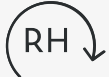

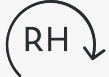

Select thread variant

Application



## Dimensions

Index	Thread direction	$\varnothing d_1$	P	Pitch diameter tolerance	$l_1$	$l_2$	$\varnothing d_2$	a	Średnica otworu
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<b>D4-50G901-0080</b>		M8	1,25	6HX	90	20	6,0	4,9	6,80
<b>D4-50G901-0100</b>		M10	1,50	6HX	100	20	7,0	5,5	8,50
<b>D4-50G901-0120</b>		M12	1,75	6HX	110	24	9,0	7,0	10,20
<b>D4-50G901-0140</b>		M14	2,00	6HX	110	25	11,0	9,0	12,00
<b>D4-50G901-0160</b>		M16	2,00	6HX	110	32	12,0	9,0	14,00
<b>D4-50G901-0180</b>		M18	2,50	6HX	125	32	14,0	11,0	15,50
<b>D4-50G901-0200</b>		M20	2,50	6HX	140	32	16,0	12,0	17,50
<b>D4-50G901-0220</b>		M22	2,50	6HX	140	32	18,0	14,5	19,50

**D4-50G901-0240**

M24

3,00

6HX

160

38

18,0

14,5

21,00

**D4-50G901-0270**

M27

3,00

6HX

160

38

20,0

16,0

24,00

**D4-50G901-0300**

M30

3,50

6HX

180

45

22,0

18,0

26,50

**D4-50G901-0330**

M33

3,50

6HX

180

45

25,0

20,0

29,50

**D4-50G901-0360**

M36

4,00

6HX

200

50

28,0

22,0

32,00

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