



# Tarozi ◉ Filiere

## Program de fabricație


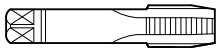
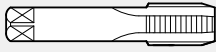
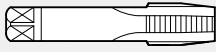
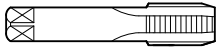
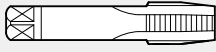
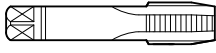
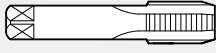
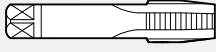
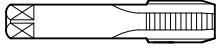
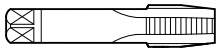

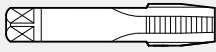
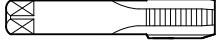
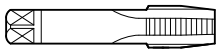
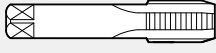
DIN	STAS	Denumire
DIN 352	STAS 1112/7	Tarozi scurți de mână și de mașină – pas normal
DIN 2181	STAS 1112/7	Tarozi scurți de mână și de mașină – pas fin
DIN 351		Tarozi scurți de mână și de mașină pentru filet în inch – pas normal
DIN 5157	STAS1112/11	Tarozi scurți de mână și de mașină pentru filet gaz
DIN 40432	STAS 1112/14	Tarozi scurți de mână și de mașină pentru filetul tuburilor de protecție etanșe (Pg / IPE)
DIN 376	STAS 1112/8	Tarozi lungi de mașină pentru filet cu pas normal
DIN 374	STAS 1112/8	Tarozi lungi de mașină pentru filet cu pas fin
DIN 371	STAS 1112/8	Tarozi lungi de mașină cu coadă îngroșată
DIN 5156		Tarozi lungi de mașină pentru filet gaz
DIN 40433		Tarozi lungi de mașină pentru filetul tuburilor de protecție etanșe (Pg/IPE)
DIN 357	STAS 1112/9	Tarozi extralungi pentru piulițe
	STAS 1112/10	Tarozi cu coadă curbă pentru piulițe
DIN EN 22568	SR EN 22568	Filieri rotunde de mână și de mașină pentru filet metric
DIN EN 22231	STAS 1160/8	Filieri rotunde pentru filetul țevilor fără etanșare în filet
DIN EN 40434	STAS 1160/6	Filieri rotunde pentru filetul tuburilor de protecție etanșe

Tipuri constructive • Caracteristici • Recomandări de utilizare

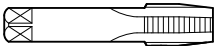

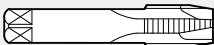

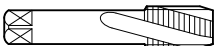



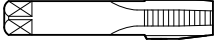

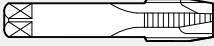

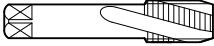



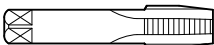





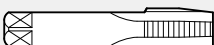



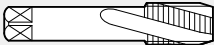





Tip	Forma	Lungime con de atac / tip intrare	Canale	Filet	Gaura de filetat					Materialul prelucrat
N	A	6 ÷ 7p	drepte	rectificat; detalonat			★	★	★	Oțeluri cu $\sigma_r < 80 \text{ daN/mm}^2$ , fontă maleabilă, materiale neferoase cu așchii lungi.
	D	4 ÷ 5p	drepte	rectificat; detalonat			★	★	★	
	C	2 ÷ 3p	drepte	rectificat; detalonat	★	★	★	★	★	
	B	3,5 ÷ 5p/elicoidală	drepte	rectificat; detalonat				★	★	
NR15	C	2 ÷ 3p	elicoidale 15° dreapta	rectificat; detalonat	★	★	★			
NR35	C	2 ÷ 3p	elicoidale 35° dreapta	rectificat; detalonat	★	★	★			
AL	B	3,5 ÷ 5p/elicoidală	drepte	rectificat; detalonat				★	★	Materiale tenace cu așchii lungi, aliaje de aluminiu, cupru și zinc, materiale plastice tenace.
ALR35	C	2 ÷ 3p	elicoidale 35° dreapta	rectificat; detalonat	★	★	★			
VA	A	6 ÷ 7p	drepte	rectificat; detalonat↑			★	★	★	Materiale tenace, oțeluri inoxidabile și refractare, fonte aliate.
VA	B	3,5 ÷ 5p/elicoidală	drepte	rectificat; detalonat↑				★	★	
VAR15	C	2 ÷ 3p	elicoidale 15° dreapta	rectificat; detalonat↑	★	★	★			
VAR35	C	2 ÷ 3p	elicoidale 35° dreapta	rectificat; detalonat↑	★	★	★			

Tarozi de mână

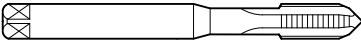


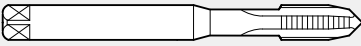




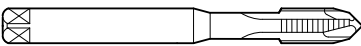




Norma	Prezentare	Tip	Formă	Toleranță	Material	Starea suprafeței	Gama dimensională	
<b>Pentru filet metric cu pas normal</b>								
DIN 352 STAS 1112/7	Set	N	—	6H	HSS		M3 ÷ M12 M13 ÷ M68	
		Tarod de degroșare	N	A	6H	HSS		M3 ÷ M12 M13 ÷ M68
		Tarod intermediar	N	D	6H	HSS		M3 ÷ M12 M13 ÷ M68
		Tarod de finisare	N	C	6H	HSS		M3 ÷ M12 M13 ÷ M68
	Filet stânga	Set	N	—	6H	HSS		M3 ÷ M12 stg M13 ÷ M68 stg
		Tarod de degroșare	N	A	6H	HSS		M3 ÷ M12 stg M13 ÷ M68 stg
		Tarod intermediar	N	D	6H	HSS		M3 ÷ M12 stg M13 ÷ M68 stg
		Tarod de finisare	N	C	6H	HSS		M3 ÷ M12 stg M13 ÷ M68 stg
	<b>Pentru filet metric cu pas fin</b>							
	DIN 2181 STAS 1112/7	Set	N	—	6H	HSS		M3 ÷ M12 M13 ÷ M60
		Tarod de degroșare	N	D	6H	HSS		M3 ÷ M12 M13 ÷ M60
		Tarod de finisare	N	C	6H	HSS		M3 ÷ M12 M13 ÷ M60
Filet stânga		Set	N	—	6H	HSS		M3 ÷ M12 stg M13 ÷ M60 stg
		Tarod de degroșare	N	D	6H	HSS		M3 ÷ M12 stg M13 ÷ M60 stg
		Tarod de finisare	N	C	6H	HSS		M3 ÷ M12 stg M13 ÷ M60 stg

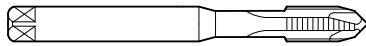
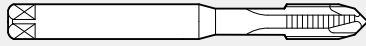

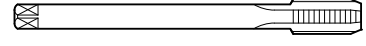
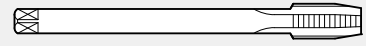
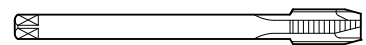

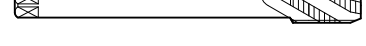
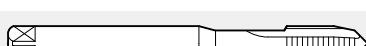

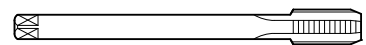
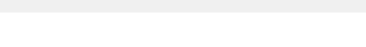

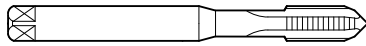
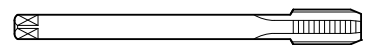
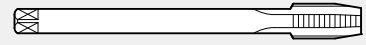


Norma	Prezentare	Tip	Formă	Toleranță	Material	Starea suprafeței	Gama dimensională	
<b>Pentru filet UNC</b>								
DIN 351		Set	N	—	2B	HSS	○ ●	Nr. 5 $\div$ $\frac{5}{16}$ " UNC $\frac{1}{2}$ " $\div$ 2" UNC
		Tarod de degroșare	N	A	2B	HSS	○ ●	Nr. 5 $\div$ $\frac{5}{16}$ " UNC $\frac{1}{2}$ " $\div$ 2" UNC
		Tarod intermediar	N	D	2B	HSS	○ ●	Nr. 5 $\div$ $\frac{5}{16}$ " UNC $\frac{1}{2}$ " $\div$ 2" UNC
		Tarod de finisare	N	C	2B	HSS	○ ●	Nr. 5 $\div$ $\frac{5}{16}$ " UNC $\frac{1}{2}$ " $\div$ 2" UNC
<b>Pentru filet UNF</b>								
DIN 2181		Set	N	—	2B	HSS	○ ●	Nr. 5 $\div$ $\frac{5}{16}$ " UNF $\frac{1}{2}$ " $\div$ 2" UNF
		Tarod de degroșare	N	D	2B	HSS	○ ●	Nr. 5 $\div$ $\frac{5}{16}$ " UNF $\frac{1}{2}$ " $\div$ 2" UNF
		Tarod de finisare	N	C	2B	HSS	○ ●	Nr. 5 $\div$ $\frac{5}{16}$ " UNF $\frac{1}{2}$ " $\div$ 2" UNF
<b>Pentru filet Whitworth cu pas normal BSW</b>								
DIN 351		Set	N	—		HSS	○ ●	BSW $\frac{3}{32}$ " $\div$ $\frac{7}{16}$ " BSW $\frac{1}{2}$ " $\div$ 2"
		Tarod de degroșare	N	A		HSS	○ ●	BSW $\frac{3}{32}$ " $\div$ $\frac{7}{16}$ " BSW $\frac{1}{2}$ " $\div$ 2"
		Tarod intermediar	N	D		HSS	○ ●	BSW $\frac{3}{32}$ " $\div$ $\frac{7}{16}$ " BSW $\frac{1}{2}$ " $\div$ 2"
		Tarod de finisare	N	C		HSS	○ ●	BSW $\frac{3}{32}$ " $\div$ $\frac{7}{16}$ " BSW $\frac{1}{2}$ " $\div$ 2"
<b>Pentru filet Whitworth cu pas fin BSF</b>								
DIN 2181		Set	N	—		HSS	○ ●	BSF $\frac{3}{16}$ " $\div$ $\frac{7}{16}$ " BSF $\frac{1}{2}$ " $\div$ $1\frac{3}{4}$ "
		Tarod de degroșare	N	D		HSS	○ ●	BSF $\frac{3}{16}$ " $\div$ $\frac{7}{16}$ " BSF $\frac{1}{2}$ " $\div$ $1\frac{3}{4}$ "
		Tarod de finisare	N	C		HSS	○ ●	BSF $\frac{3}{16}$ " $\div$ $\frac{7}{16}$ " BSF $\frac{1}{2}$ " $\div$ $1\frac{3}{4}$ "
<b>Pentru filet gaz BSP</b>								
DIN 5157 STAS 1112/11		Set	N	—		HSS	●	G $\frac{1}{8}$ " $\div$ G 2"
		Tarod de degroșare	N	D		HSS	●	G $\frac{1}{8}$ " $\div$ G 2"
		Tarod de finisare	N	C		HSS	●	G $\frac{1}{8}$ " $\div$ G 2"
	Filet stânga	Set	N	—		HSS	●	G $\frac{1}{8}$ " $\div$ G 2"
		Tarod de degroșare	N	D		HSS	●	G $\frac{1}{8}$ " $\div$ G 2"
		Tarod de finisare	N	C		HSS	●	G $\frac{1}{8}$ " $\div$ G 2"
<b>Pentru filet Pg (IPE)</b>								
DIN 40432 STAS 1112/14		Set	N	—		HSS	●	Pg 7 $\div$ Pg 48
		Tarod de degroșare	N	D		HSS	●	Pg 7 $\div$ Pg 48
		Tarod de finisare	N	C		HSS	●	Pg 7 $\div$ Pg 48

## Tarozi scurți de mașină

Norma	Prezentare	Tip	Formă	Toleranță	Material	Starea suprafeței	Gama dimensională
<b>Pentru filet metric cu pas normal</b>							
DIN 352 STAS 1112/7		N	A		HSS		M3 ÷ M12
		N	B		HSS		M3 ÷ M12
		N R15	C		HSS		M3 ÷ M12
		N R35	C		HSS		M3 ÷ M12
<b>Pentru filet metric cu pas fin</b>							
DIN 2181 STAS 1112/7		N	A		HSS		M3 ÷ M12
		N	B		HSS		M3 ÷ M12
		N	C		HSS		M3 ÷ M12
		N	C		HSS		M3 ÷ M12
<b>Pentru filet gaz BSP</b>							
DIN 5157 STAS 1112/11		N	A		HSS		G 1/8" ÷ G 2"
		N	B		HSS		G 1/8" ÷ G 2"
		N R15	C		HSS		G 1/8" ÷ G 2"
<b>Pentru filet gaz BSPT</b>							
DIN 5157		N	C		HSS		Rc 1/8" ÷ Rc 2"
<b>Pentru filet Pg (IPE)</b>							
DIN 40432 STAS 1112/14		N	B		HSS		Pg 7 ÷ Pg 48
		N R15	C		HSS		Pg 7 ÷ Pg 48
<b>Pentru filet NPT</b>							
~ DIN 2181		N	C		HSS		NPT 1/8" ÷ 2"
<b>Pentru filet NPTF</b>							
~ DIN 2181		N	C		HSS		NPT 1/8" ÷ 2"

## Tarozi lungi de mașină

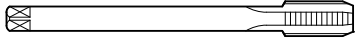


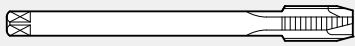




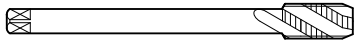






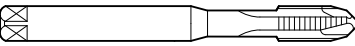




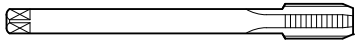







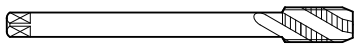




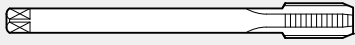

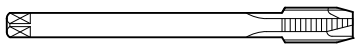




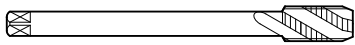


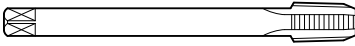


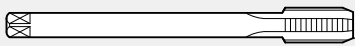

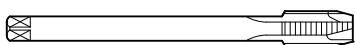





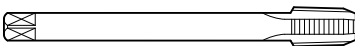


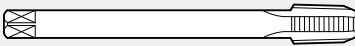


Norma	Prezentare	Tip	Formă	Toleranță	Material	Starea suprafeței	Gama dimensională
<b>Pentru filet metric cu pas normal</b>							
DIN 371		N	C	6H	HSS		M3 ÷ M12
				6G	HSS		M3 ÷ M12
		N	A	6H	HSS		M3 ÷ M12
				6G	HSS		M3 ÷ M12
				6H	HSS		M3 ÷ M12
				6G	HSS		M3 ÷ M12
		N	B	4H	HSS		M3 ÷ M12
				6H	HSS-E		M3 ÷ M12
6G				HSS-E		M3 ÷ M12	
4H				HSS-E		M3 ÷ M12	

Norma	Prezentare	Tip	Formă	Toleranță	Material	Starea suprafeței	Gama dimensională		
» Pentru filet metric cu pas normal									
DIN 371	 <p>Filet stânga</p>	N	B	6H	HSS	○	M3 ÷ M12 stg		
				6G	HSS	○	M3 ÷ M12 stg		
				4H	HSS	○	M3 ÷ M12 stg		
				6H	HSS-E	○	M3 ÷ M12 stg		
				6G	HSS-E	○	M3 ÷ M12 stg		
				4H	HSS-E	○	M3 ÷ M12 stg		
		AL	B	6H	HSS	○	M3 ÷ M12		
				6H	HSS-E	○	M3 ÷ M12		
				6H	HSS-E	○	M3 ÷ M12		
				N R15	C	4H	HSS-E	○	M3 ÷ M12
				VA R15	C	6H	HSS-E	○	M3 ÷ M12
				N R35	C	6H	HSS-E	○	M3 ÷ M12
	VA R35	C	6H	HSS-E	○	M3 ÷ M12			
			6H	HSS-E	○	M3 ÷ M12			
			6H	HSS-E	○	M3 ÷ M12			
DIN 376 STAS 1112/8		N	C	6H	HSS	○	M3 ÷ M12		
				6G	HSS	○	M3 ÷ M12		
				4H	HSS	○	M3 ÷ M12		
		N	A	6H	HSS	○	M3 ÷ M12		
				6H	HSS-E	○	M3 ÷ M12		
		VA	A	6H	HSS-E	○	M3 ÷ M12		
				6H	HSS-E	○	M3 ÷ M12		
		N	B	6H	HSS	○	M3 ÷ M12		
				6H	HSS	○	M3 ÷ M12		
		N	B	6G	HSS	○	M3 ÷ M12		
				6H	HSS-E	○	M3 ÷ M12		
		VA	B	6H	HSS-E	○	M3 ÷ M12		
				6H	HSS-E	○	M3 ÷ M12		
		N R15	C	6H	HSS	○	M3 ÷ M12		
				6H	HSS	○	M3 ÷ M12		
		VA R15	C	6H	HSS-E	○	M3 ÷ M12		
				6H	HSS-E	○	M3 ÷ M12		
		N R35	C	6H	HSS	○	M3 ÷ M12		
6H				HSS	○	M3 ÷ M12			
	VA R35	C	6H	HSS-E	○	M3 ÷ M12			
			6H	HSS-E	○	M3 ÷ M12			
» Pentru filet metric cu pas fin									
DIN 371		N	C	6H	HSS	○	M3 ÷ M10		
				N	A	6H	HSS	○	M3 ÷ M10
						6H	HSS	○	M3 ÷ M10
				N R15	C	6H	HSS	○	M3 ÷ M10
						6H	HSS-E	○	M3 ÷ M10
				N R35	C	6H	HSS	○	M3 ÷ M10
6H	HSS-E	○	M3 ÷ M10						
DIN 374 STAS 1112/8		N	C	6H	HSS	○	M3 ÷ M12		
				6H	HSS	○	M3 ÷ M12		
				4H	HSS	○	M3 ÷ M12		
		N	C	4H	HSS	○	M3 ÷ M12		
				4H	HSS	○	M3 ÷ M12		
		N	A	6H	HSS	○	M3 ÷ M12		
6H				HSS	○	M3 ÷ M12			
	N	B	6H	HSS	○	M3 ÷ M12			
			6H	HSS	○	M3 ÷ M12			

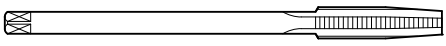
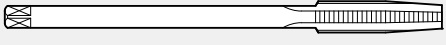
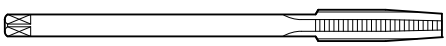
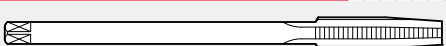




## » Tarozii lungi de mașină

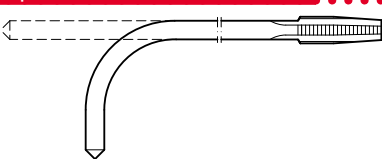
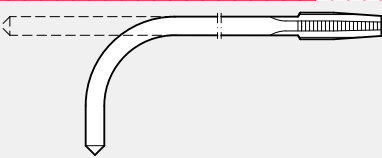
Norma	Prezentare	Tip	Formă	Toleranță	Material	Starea suprafeței	Gama dimensională
<b>» Pentru filet metric cu pas fin</b>							
DIN 374 STAS 1112/8		N R15	C	6H	HSS	○	M3 ÷ M12
		N R15	C	6H	HSS-E	●	M13 ÷ M32
		N R35	C	6H	HSS	○	M3 ÷ M12
		N R35	C	6H	HSS-E	●	M13 ÷ M32
<b>Pentru filet UNC</b>							
~ DIN 371		N	C	2B	HSS	○	Nr. 5 ÷ 3/8" UNC
		N	B	2B	HSS	○	Nr. 5 ÷ 3/8" UNC
		N	B	2B	HSS-E	○	Nr. 5 ÷ 3/8" UNC
		AL	B	2B	HSS-E	○	Nr. 5 ÷ 3/8" UNC
		VA	B	2B	HSS-E	○	Nr. 5 ÷ 3/8" UNC
		N R15	C	2B	HSS	○	Nr. 5 ÷ 3/8" UNC
		N R15	C	2B	HSS-E	○	Nr. 5 ÷ 3/8" UNC
		N R35	C	2B	HSS	○	Nr. 5 ÷ 3/8" UNC
~ DIN 376		N	C	2B	HSS	○	5/16" ÷ 7/16" UNC
		N	B	2B	HSS	○	1/2" ÷ 2" UNC
		N	B	2B	HSS-E	○	7/16" ÷ 2" UNC
		N R15	C	2B	HSS-E	●	7/16" ÷ 2" UNC
~ DIN 374		N R15	C	2B	HSS	○	7/16" ÷ 1" UNC
		N R15	C	2B	HSS-E	●	7/16" ÷ 1" UNC
		N R35	C	2B	HSS	○	7/16" ÷ 1" UNC
		N R35	C	2B	HSS-E	●	7/16" ÷ 1" UNC
<b>Pentru filet UNF</b>							
~ DIN 371		N	C	2B	HSS	○	Nr. 5 ÷ 3/8" UNF
		N	B	2B	HSS	○	Nr. 5 ÷ 3/8" UNF
		N R15	C	2B	HSS-E	○	Nr. 5 ÷ 3/8" UNF
		N R15	C	2B	HSS	○	Nr. 5 ÷ 3/8" UNF
~ DIN 374		N R35	C	2B	HSS	○	Nr. 5 ÷ 3/8" UNF
		N R35	C	2B	HSS-E	○	Nr. 5 ÷ 3/8" UNF
		N	C	2B	HSS	○	1/4" ÷ 7/16" UNF
		N	C	2B	HSS	○	1/2" ÷ 1 1/2" UNF
		N	B	2B	HSS	○	1/4" ÷ 7/16" UNF
		N	B	2B	HSS-E	○	1/4" ÷ 7/16" UNF
		N	B	2B	HSS	○	1/2" ÷ 1 1/2" UNF
		N	B	2B	HSS-E	○	1/2" ÷ 1 1/2" UNF
~ DIN 376		N R15	C	2B	HSS	○	1/4" ÷ 7/16" UNF
		N R15	C	2B	HSS	○	1/2" ÷ 1 1/2" UNF
		N R35	C	2B	HSS	○	1/4" ÷ 7/16" UNF
		N R35	C	2B	HSS-E	○	1/4" ÷ 7/16" UNF
~ DIN 371		N	C		HSS	○	BSW 3/32" ÷ 3/8"
		N	B		HSS	○	BSW 3/32" ÷ 3/8"
		N	B		HSS-E	○	BSW 3/32" ÷ 3/8"
		N R35	C		HSS	○	BSW 3/32" ÷ 3/8"
~ DIN 374		N	C		HSS	○	BSW 3/32" ÷ 3/8"
		N	C		HSS-E	○	BSW 3/32" ÷ 3/8"

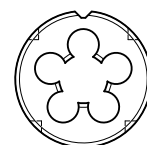
Norma	Prezentare	Tip	Formă	Toleranță	Material	Starea suprafeței	Gama dimensională
<b>» Pentru filet Whitworth cu pas normal BSW</b>							
~ DIN 376		N	C		HSS	 	BSW $\frac{1}{8}'' \div \frac{7}{16}''$ BSW $\frac{1}{2}'' \div 1''$
		N	B		HSS	 	BSW $\frac{3}{8}'' \div \frac{7}{16}''$ BSW $\frac{1}{2}'' \div 1''$
		N	B		HSS-E	 	BSW $\frac{3}{8}'' \div \frac{7}{16}''$ BSW $\frac{1}{2}'' \div 1''$
		NR35	C		HSS	 	BSW $\frac{3}{8}'' \div \frac{7}{16}''$ BSW $\frac{1}{2}'' \div 1''$
		NR35	C		HSS-E	 	BSW $\frac{3}{8}'' \div \frac{7}{16}''$ BSW $\frac{1}{2}'' \div 1''$
	<b>Pentru filet Whitworth cu pas fin BSF</b>						
~ DIN 371		N	C		HSS		BSF $\frac{3}{16}'' \div \frac{3}{8}''$
		N	B		HSS HSS-E	 	BSF $\frac{3}{16}'' \div \frac{3}{8}''$ BSF $\frac{3}{16}'' \div \frac{3}{8}''$
		NR35	C		HSS HSS-E	 	BSF $\frac{3}{16}'' \div \frac{3}{8}''$ BSF $\frac{3}{16}'' \div \frac{3}{8}''$
	~ DIN 374		N	C		HSS	 
		N	B		HSS	 	BSF $\frac{3}{8}'' \div \frac{7}{16}''$ BSF $\frac{1}{2}'' \div 1''$
		N	B		HSS-E	 	BSF $\frac{3}{8}'' \div \frac{7}{16}''$ BSF $\frac{1}{2}'' \div 1''$
		NR35	C		HSS	 	BSF $\frac{3}{8}'' \div \frac{7}{16}''$ BSF $\frac{1}{2}'' \div 1''$
		NR35	C		HSS-E	 	BSF $\frac{3}{8}'' \div \frac{7}{16}''$ BSF $\frac{1}{2}'' \div 1''$
<b>Pentru filet gaz BSP</b>							
DIN 5156		N	C		HSS		G $\frac{1}{16}'' \div 2''$
		N	B		HSS HSS-E	 	G $\frac{1}{16}'' \div 2''$ G $\frac{1}{16}'' \div 2''$
		NR15	C		HSS HSS-E	 	G $\frac{1}{16}'' \div 2''$ G $\frac{1}{16}'' \div 2''$
		NR35	C		HSS HSS-E	 	G $\frac{1}{16}'' \div 2''$ G $\frac{1}{16}'' \div 2''$
<b>Pentru filet conic gaz BSPT</b>							
DIN 5156		N	C		HSS HSS-E	 	Rc $\frac{1}{8}'' \div$ Rc 2'' Rc $\frac{1}{8}'' \div$ Rc 2''
<b>Pentru filet Pg (IPE)</b>							
DIN 40433		N	C		HSS		Pg 7 $\div$ Pg 48
		N	B		HSS HSS-E	 	Pg 7 $\div$ Pg 48 Pg 7 $\div$ Pg 48
		NR15	C		HSS HSS-E	 	Pg 7 $\div$ Pg 48 Pg 7 $\div$ Pg 48
							
<b>Pentru filet NPT</b>							
~ DIN 374		N	C		HSS HSS-E	 	NPT $\frac{1}{8}'' \div 2''$ NPT $\frac{1}{8}'' \div 2''$
<b>Pentru filet NPTF</b>							
~ DIN 374		N	C		HSS HSS-E	 	NPTF $\frac{1}{8}'' \div 2''$ NPTF $\frac{1}{8}'' \div 2''$

## Tarozi extralunghi pentru piulițe

Norma	Prezentare	Tip	Formă	Toleranță	Material	Starea suprafeței	Gama dimensională
<b>Pentru filet metric cu pas normal</b>							
DIN 357 STAS 1112/9		N		6H	HSS	○	M3 ÷ M12
				6G		●	M13 ÷ M33
<b>Pentru filet metric cu pas fin</b>							
DIN 357 STAS 1112/9		N		6H	HSS	○	M3 ÷ M12
				6G		●	M13 ÷ M33
<b>Pentru filet Whitworth cu pas normal BSW</b>							
~ DIN 357		N			HSS	○ ●	BSW 3/8" ÷ 7/16" BSW 1/2" ÷ 1"
<b>Pentru filet UNC</b>							
~ DIN 357		N		2B	HSS	○ ●	3/8" ÷ 7/16" UNC 1/2" ÷ 1" UNC
<b>Pentru filet UNF</b>							
~ DIN 357		N		2B	HSS	○ ●	3/8" ÷ 7/16" UNF 1/2" ÷ 1" UNF
<b>Pentru filet gaz BSP</b>							
~ DIN 357		N			HSS	●	G 1/16" ÷ 2"

## Tarozi cu coadă curbă pentru piulițe

Norma	Prezentare	Tip	Formă	Toleranță	Material	Starea suprafeței	Gama dimensională
<b>Pentru filet metric cu pas normal</b>							
STAS 1112/10		N		6H	HSS	○	M3 ÷ M12
				6G		●	M13 ÷ M33
<b>Pentru filet metric cu pas fin</b>							
STAS 1112/10		N		6H	HSS	○	M3 ÷ M12
				6G		●	M13 ÷ M33



## Filieri rotunde de mână și de mașină

Norma	Sens filet	Formă	Toleranță	Material	Starea suprafeței	Gama dimensională
<b>Pentru filet metric cu pas normal</b>						
DIN EN 22568 / SR EN 22568	dreapta	B	6G	HSS	○	M3 ÷ M68
	stânga	B	6G			M3 ÷ M36
<b>Pentru filet metric cu pas fin</b>						
DIN EN 22568 / SR EN 22568	dreapta	B	6G	HSS	○	M3 ÷ M68
<b>Pentru filet Whitworth cu pas normal BSW</b>						
~DIN EN 22568	dreapta	B		HSS	○	BSW 3/8" ÷ 2"
<b>Pentru filet UNC</b>						
~DIN EN 22568	dreapta	B	2A	HSS	○	Nr. 10 ÷ 1 1/4" UNC
<b>Pentru filet UNF</b>						
~DIN EN 22568	dreapta	B	2A	HSS	○	Nr. 10 ÷ 1 1/4" UNF
<b>Pentru filet metric cu pas normal</b>						
DIN EN 22231 / STAS 1160/8	dreapta	B		HSS	○	G 1/8" ÷ G 2"
	stânga	B				G 1/8" ÷ G 1"
<b>Pentru filet Pg (IPE)</b>						
DIN EN 22231 / STAS 1160/6	dreapta	B		HSS	○	Pg 9 ÷ Pg 36