

OCTOBER 2022



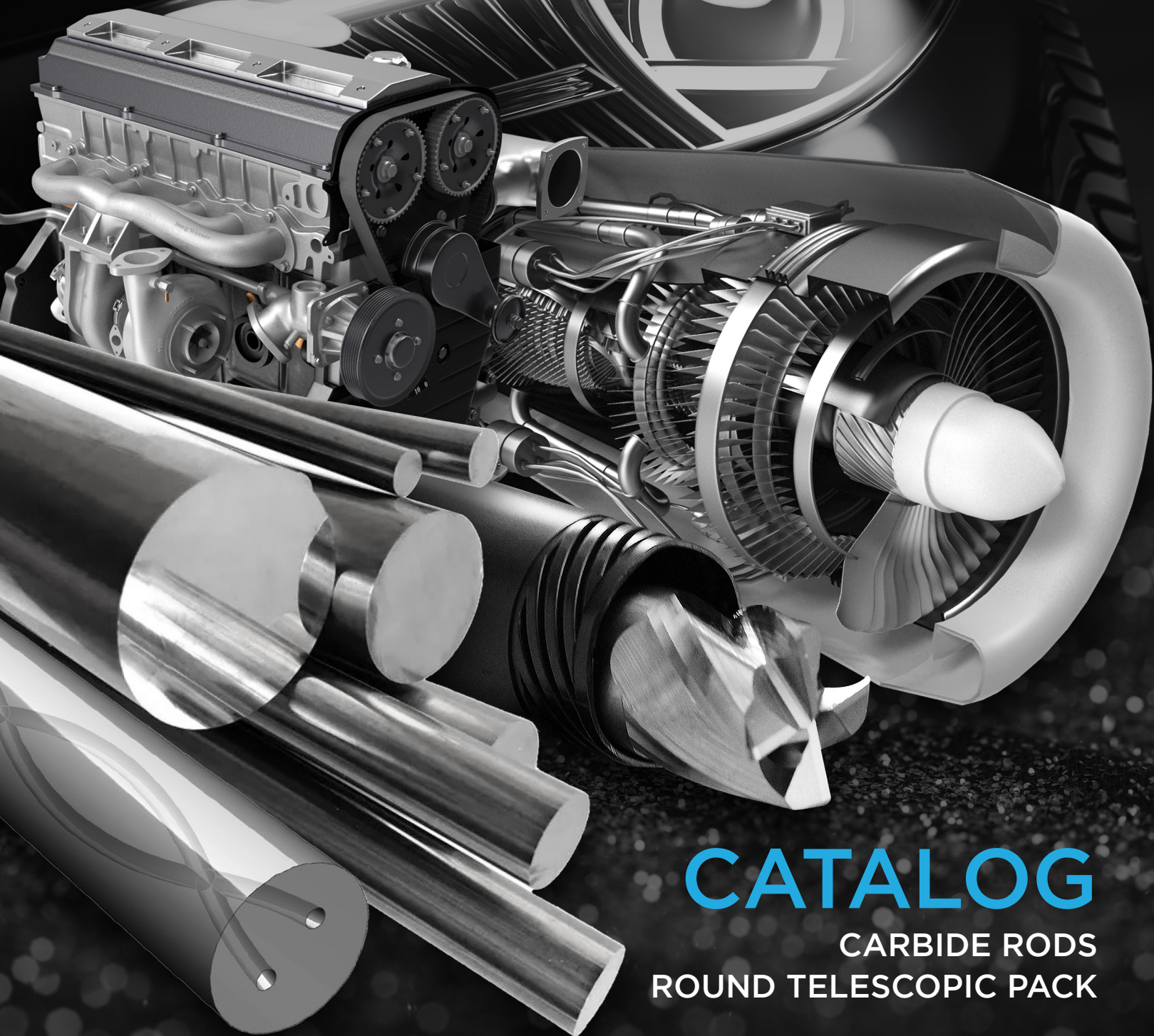
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TOP-HIGH

Solutions

Always accurate.
Always fast.



CATALOG

CARBIDE RODS
ROUND TELESCOPIC PACK



Index

PÁG.

ABOUT US Top High Solutions	3
CARBIDE RODS	
ABOUT US Top High	5
Grade Introduction	6
Grade Selection Guide	7
For Stainless Steel Cutting	8
Solid Rods-Metric	9-10
Solid Rods- Inch	11
Solids Ground Rods With Chamfer- Metric	12
Ground Rods With Chamfer- Metric	13
Ground Rods With Chamfer- Inch	14
Ground Rods with Chamfer- DIN.....	15, 16
Precision Ground Rod, 2 Helical Hole 30 degree	17
Unground Rod, 2 Helical Hole 30 degree.....	18
Precision Ground Rod, 2 Helical Hole 30 degree	19
Unground Rod, 2 Helical Hole 30 degree.....	20
Precision Ground Rod, 2 Helical Hole 40 degree	21
Unground Rod, 2 Helical Hole 40 degree.....	22
Precision Ground Rod, 3 Helical Hole 30 degree	23
Unground Rod, 3 Helical Hole 30 degree.....	24
Precision Ground Rod, 3XDiameter Drill, 2 Helical Hole With Point, Chamfer and Connection Slot	25
Precision Ground Rod, 5XDiameter Drill, 2 Helical Hole, With Point, Chamfer and Connection Slot	26
Precision Ground Rod,8XDiameter Drill, 2 Helical Hole, With Point, Chamfer and Connection Slot	27
Precision Ground Rod, 12XDiameter Drill, 2 Helical Hole, With Point, Chamfer and Connection Slot.....	28
Precision Ground Rod, 1 Straight Hole Centered	29
Unground Rod, 1 Straight Hole Centered.....	30
Precision Ground Rod, 2 Straight Hole Reduced BC.....	31
Unground Rod, 2 Straight Hole Reduced BC.....	32
Precision Ground Rod, 2 Straight Hole Standard BC.....	33
Unground Rod, 2 Straight Hole Standard BC	34
ROUND TELESCOPIC PACK.....	36





Mexican company that cares about those companies in the industrial sector, looking to cooperate and maintain a long-term business relationship, providing the market with quality carbide bar products, developing new products according to your samples or drawings.

Tophigh Mexico is based on the principle of competitive price, sincere service and win-win cooperation.

Mission

Our mission is to solve the needs of our clients in terms of high-precision machining, manufacturing of carbide tools, through the flexibility and versatility of our resources for the distribution of carbide bars. For this we take into account the safety of our workers, the maximum efficiency of our processes and respect for the environment.

Vision

To be a leading company in the industrial services sector at an international level. To be recognized for Excellence, reliability, commitment and continuous improvement, achieving it through versatility and mastery of new technologies.



Compromise
Quality
Professionalism
Innovation
Customer service
Development

CARBIDE RODS





ABOUT US



Zhuzhou Tophigh Hardmetal Tools Co., Ltd. (Hereinafter referred to as “Zhuzhou Tophigh”) Is Located In the largest tungsten carbide production area of Zhuzhou city In China.

With 20 years experiences in the production of tungsten carbide. Zhuzhou Tophigh always offer the best qualified goods in a short-term delivery with ongoing research and development, professional production skills and complete quality control system

Factory mainly produce many different kinds of carbide products. such as carbide rods. mining buttons. endmill, carbide insert. cold heading die, carbide strips. carbide plates, carbide blades and can also develop new products as per your samples or drawings beyond the regular products.

Now their products were exported 10 many countries and regions. Meanwhile.



Grade Introduction

GRADE	ISO	GRAINSIZE	COBALT CONTENT (%)	HARDNESS (HRA)	DENSITY (g/cm)	T.R.S	Recommended cutting applications
TH06U	K05-K10	0.4	6.3	94	14.82	3800	High wear resistance, high toughness; Used for diamond coating tools, PCB tools, suitable for cutting PCB, composite material and fiber reinforced plastics.
TH08U	K-10-K20	0.4	8.3	93.6	14.55	3800	Excellent wear resistance, high toughness; Used for high wear resistance endmill, engraving cutter, suitable for cutting PCB, plastics and alloy of 7 series.
TH12U	K-20-K40	0.4	12	92.6	14.15	4200	High speed milling, finishing, with excellent hardness and toughness; Used for endmill and reamer, suitable for processing carbon steel, alloy steel (HRC: 45° - 58 °) Alloy of 6/7 series, nickel base alloy and Ti alloy.
TH10UF	K-20-K40	0.6	10	92.4	14.32	3800	Used for drill and endmill, especially suitable for cutting stainless steel, heat resistant alloy and cast iron.
TH20F	K20-K40	0.8	10	91.8	14.45	3600	With a strong universality, used for drill and endmill, especially suitable for cutting ordinary alloyed steel (HRC<48°), grey cast iron, stainless steel.
TH30	K15	1	6	92.5	14.95	2600	Used for drill and burs, Suitable for cutting grey cast iron, chilled cast iron, alloy steel, nonferrous metal; used to make diamond coating tools.

Grade Selection Guide

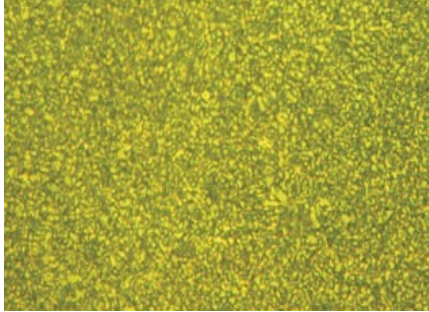
Workpiece		Type of Cutting Tools		TH06U	TH08U	TH12U	TH10UF	TH20F	TH30
P	Steel	Drill					●	●●	
		Endmill	Roughing					●●	
			Finishing			●●	●●	●	
M	Stainless Steel	Drill					●	●●	
		Endmill	Roughing					●	
			Finishing				●●		
K	Cast Iron	Drill					●	●●	
		Endmill	Roughing					●●	
			Finishing				●	●	●●
N	Nonferrous Material	Drill						●●	▼
		Endmill	Roughing					●●	
			Finishing			●●			▼
S	Heat Resistance Material	Drill					●	●●	
		Endmill	Roughing				●	●	
			Finishing			●●	●	●	
H	Hardened Material	Drill		●●	●●		●		
		Endmill	Roughing	●	●				
			Finishing	●	●	●			
Others	Composite Material	Drill		●●	●●				
		Endmill	Roughing	●●	●				
			Finishing	●	●●	●			

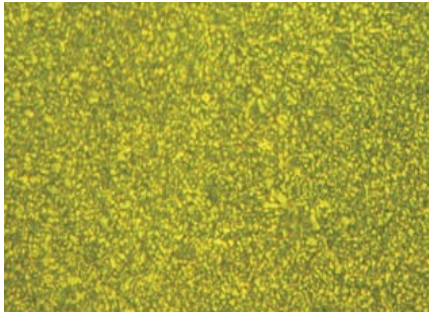
● ACCEPTABLE

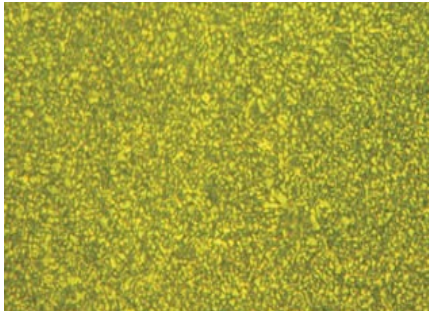
●● GOOD

▼ COATING

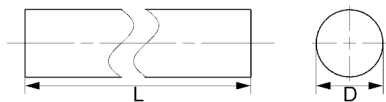
For Stainless Steel Cutting

SG20 Grade for carbide mill General machining stainless steel	Grade	SG20	Microstructure
	Density	14.45	
	Hardness	91.2	
	T.R.S.	4000	
	Kic	11	
	A	≤ 02	
	B	0	
	C	0	

SR10 Grade for carbide mill General machining stainless steel	Grade	SG20	Microstructure
	Density	14.45	
	Hardness	91.2	
	T.R.S.	4000	
	Kic	11	
	A	≤ 02	
	B	0	
	C	0	

SF08 Grade for carbide mill General machining stainless steel	Grade	SG20	Microstructure
	Density	14.2	
	Hardness	92.2	
	T.R.S.	3800	
	Kic	10.2	
	A	≤ 02	
	B	0	
	C	0	

Solid Rods-Metric



Unground



Ground



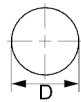
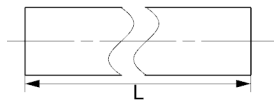
ØD	L	TH20F/ TH 12U	TH 10UF
2	330	•	o
3	310	•	•
3	330	•	•
4	310	•	•
4	330	•	•
5	310	•	•
5	330	•	•
6	310	•	•
6	330	•	•
7	330	•	o
8	310	•	•
8	330	•	•
9	330	•	o
10	310	•	•
10	330	•	•
11	330	•	•
12	310	•	•
12	330	•	•
13	330	•	o
14	310	•	•
14	330	•	•
15	330	•	o
16	310	•	•
16	330	•	•
17	330	•	o
18	330	•	•

Unground Ø D(mm)		Ground Ø D (mm)		mm
Range	Tol	Range	Tol	Tol
$2 \leq \text{ØD} < 3$	+0.15, +0.30	$2 \leq \text{ØD} \leq 42$	h5/h6	0,+5
$3 \leq \text{ØD} \leq 6$	+0.30, +0.50			
$6 < \text{ØD} \leq 12$	+0.30, +0.60			
$12 < \text{ØD} \leq 16$	+0.30, +0.70			
$16 < \text{ØD} \leq 42$	+0.30, +0.80			

● STOCK

○ ORDER

Solid Rods-Metric



Unground



Ground



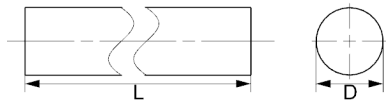
ØD	L	TH20F/ TH 12U	TH 10UF
19	330	•	o
20	310	•	o
20	330	•	•
21	330	o	o
22	330	o	o
23	330	o	o
24	330	o	o
25	330	•	o
26	330	o	o
27	330	o	o
28	330	o	o
29	330	o	o
30	330	o	o
31	330	o	o
32	330	o	o
33	330	o	o
34	330	o	o
35	330	o	o
36	330	o	o
37	330	o	o
38	330	o	o
39	330	o	o
40	330	o	o
41	330	o	o
42	330	o	o

Unground Ø D(mm)		Ground Ø D (mm)		mm
Range	Tol	Range	Tol	Tol
$2 \leq \text{ØD} < 3$	+0.15, +0.30	$2 \leq \text{ØD} \leq 42$	h5/h6	0,+5
$3 \leq \text{ØD} \leq 6$	+0.30, +0.50			
$6 < \text{ØD} \leq 12$	+0.30, +0.60			
$12 < \text{ØD} \leq 16$	+0.30, +0.70			
$16 < \text{ØD} \leq 42$	+0.30, +0.80			

● STOCK

○ ORDER

Solid Rods- Inch



Unground



Ground



ØD	L	TH20F/ TH 12U	TH 10UF
0.1250	13-1/8	o	o
0.1406	13-1/8	o	o
0.1563	13-1/8	o	o
0.1719	13-1/8	o	o
0.1875	13-1/8	o	o
0.2188	13-1/8	o	o
0.2344	13-1/8	o	o
0.2500	13-1/8	o	o
0.2813	12-1/8	o	o
0.2969	12-1/8	o	o
0.3125	12-1/8	o	o
0.3281	12-1/8	o	o
0.3438	12-1/8	o	o
0.3594	12-1/8	o	o
0.3750	12-1/8	o	o
0.3906	12-1/8	o	o

ØD	L	TH20F/ TH 12U	TH 10UF
0.4063	12-1/8	o	o
0.4219	12-1/8	o	o
0.4375	12-1/8	o	o
0.4531	12-1/8	o	o
0.4688	12-1/8	o	o
0.4844	12-1/8	o	o
0.5000	12-1/8	o	o
0.5313	12-1/8	o	o
0.5625	12-1/8	o	o
0.6250	12-1/8	o	o
0.6875	12-1/8	o	o
0.7500	12-1/8	o	o
0.8125	12-1/8	o	o
0.8750	12-1/8	o	o
0.9375	12-1/8	o	o
1.0000	12-1/8	o	o

● STOCK

○ ORDER

Unground Ø D(mm)		Ground Ø D (mm)		mm
Range	Tol	Range	Tol	Tol
$1/8 \leq \text{ØD} \leq 1/4$	+0.012, +0.020	$1/8 \leq \text{ØD} \leq 1$	h5/h6	+1/8, +3/8
$1/4 < \text{ØD} \leq 31/64$	+0.012, +0.024			
$31/64 < \text{ØD} \leq 5/8$	+0.012, +0.028			
$5/8 < \text{ØD} \leq 1$	+0.012, +0.032			

Solids Ground Rods With Chamfer- Metric



ØD	L Tol./0,+1	C Tol./±0.1	Angle of Chamfer Tol./±3°
3	40	0.4	45°
3	50	0.4	45°
3	70	0.4	45°
3	100	0.4	45°
3	150	0.4	45°
4	40	0.4	45°
4	50	0.4	45°
4	75	0.4	45°
4	100	0.4	45°
4	150	0.4	45°
5	50	0.5	45°
5	55	0.5	45°
5	60	0.5	45°
5	70	0.5	45°
5	80	0.5	45°
5	100	0.5	45°
5	150	0.5	45°
6	50	0.5	45°
6	60	0.5	45°
6	75	0.5	45°
6	100	0.5	45°
6	150	0.5	45°
7	55	0.6	45°
7	60	0.6	45°
8	60	0.6	45°
8	75	0.6	45°

Ground Rods With Chamfer- Metric



ØD	L Tol./0,+1	C Tol./±0.1	Angle of Chamfer Tol./±3°
8	80	0.6	45°
8	90	0.6	45°
8	100	0.6	45°
8	150	0.6	45°
10	70	0.6	45°
10	75	0.6	45°
10	90	0.6	45°
10	100	0.6	45°
10	125	0.6	45°
11	110	0.8	45°
12	75	0.8	45°
12	90	0.8	45°
12	100	0.8	45°
12	120	0.8	45°
14	75	0.8	45°
14	110	0.8	45°
14	125	0.8	45°
16	100	0.8	45°
16	125	0.8	45°
18	100	0.8	45°
18	150	0.8	45°
20	100	1.0	45°
20	120	1.0	45°
20	150	1.0	45°
25	100	1.0	45°
25	150	1.0	45°

Ground Rods With Chamfer- Inch



ØD	L Tol./0,+1/16	C	Tol	Angle of Chamfer Tol./±3°
0.1250	1-1/2	0.015	±0.004	45°
0.1250	2	0.015	±0.004	45°
0.1250	2-1/2	0.015	±0.004	45°
0.1250	3	0.015	±0.004	45°
0.1875	2	0.015	±0.004	45°
0.1875	3	0.015	±0.004	45°
0.2500	2	0.015	±0.004	45°
0.2500	2-1/2	0.015	±0.004	45°
0.2500	3	0.015	±0.004	45°
0.2500	4	0.015	±0.004	45°
0.3125	2-1/2	0.015	±0.004	45°
0.3750	2-1/2	0.015	±0.004	45°
0.3750	3	0.015	±0.004	45°
0.5000	2-1/2	0.031	±0.008	45°
0.5000	3	0.031	±0.008	45°
0.5000	4	0.031	±0.008	45°
0.6250	3-1/2	0.031	±0.008	45°
0.7500	4	0.031	±0.008	45°
0.7500	5	0.031	±0.008	45°
1.0000	4	0.031	±0.008	45°

Ground Rods with Chamfer- DIN



ØD	L Tol./0,+1	C Tol./±0.1	Angle of Chamfer Tol./±3°	Standard
3	38	0.4	45°	D6527K/D6527L
3.5	50	0.4	45°	D6528
4	50	0.4	45°	D6528
4.5	50	0.5	45°	D6528
5	50	0.5	45°	D6528
5.5	57	0.5	45°	D6528
6	50	0.5	45°	D6527K
6	57	0.5	45°	D6527L/D6528
6	54	0.5	45°	D6527K
6.5	60	0.6	45°	D6528
7	60	0.6	45°	D6528
7.5	63	0.6	45°	D6528
8	58	0.6	45°	D6527K
8	63	0.6	45°	D6527L/D6528
8.5	67	0.6	45°	D6528
9	67	0.6	45°	D6528
9.5	72	0.6	45°	D6528
10	66	0.6	45°	D6527K
10	72	0.6	45°	D6527L/D6528
11	83	0.8	45°	D6528
12	73	0.8	45°	D6527K
12	83	0.8	45°	D6527L/D6528
13	83	0.8	45°	D6528
14	75	0.8	45°	D6527K
14	83	0.8	45°	D6527L/D6528
15	92	0.8	45°	D6528
16	82	0.8	45°	D6527K
16	92	0.8	45°	D6527L/D6528
18	84	0.8	45°	D6527K
18	92	0.8	45°	D6527L/D6528
20	92	1.0	45°	D6527K
20	104	1.0	45°	D6527L/D6528

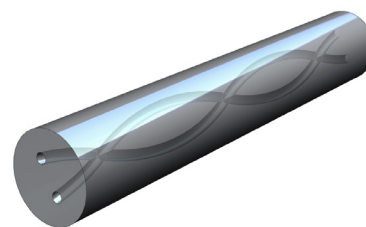
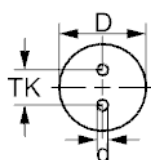
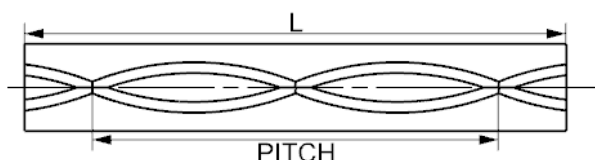
Ground Rods with Chamfer- DIN



ØD	L Tol./0,+1	C Tol./±0.1	Angle of Chamfer Tol./±3°	Standard
3	47	0.4	45°	D6539
4	56	0.4	45°	D6539
5	63	0.5	45°	D6539
6	63	0.5	45°	D6537K
6	67	0.5	45°	D6537K/D6537L/D6539
6	75	0.5	45°	D6537L
6	83	0.5	45°	D6537L
7	75	0.6	45°	D6539
8	80	0.6	45°	D6537K/D6539
8	92	0.6	45°	D6537L
9	85	0.6	45°	D6539
10	90	0.6	45°	D6537K/D6539
10	104	0.6	45°	D6537L
11	96	0.8	45°	D6539
12	103	0.8	45°	D6537K/D6539
12	119	0.8	45°	D6537L
13	103	0.8	45°	D6539
14	108	0.8	45°	D6537K/D6539
14	125	0.8	45°	D6537L
15	112	0.8	45°	D6539
16	116	0.8	45°	D6537K/D6539
16	134	0.8	45°	D6537L
17	120	0.8	45°	D6539
18	124	0.8	45°	D6537K/D6539
18	144	0.8	45°	D6537L
19	128	1.0	45°	D6539
20	132	1.0	45°	D6537K/D6539
20	154	1.0	45°	D6537L

Precision Ground Rod, 2 Helical Hole 30 degree

Barra rectificada, 2 venas helicoidales de 30 grados



Type: R2H30
Tipo: R2H30

Grade: TH10UF
Grado: TH10UF

Metric Sizes: 3mm to 25mm
Medidas: 3mm a 25mm

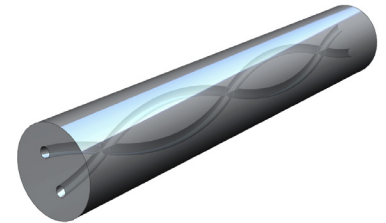
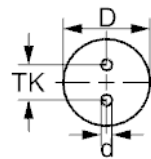
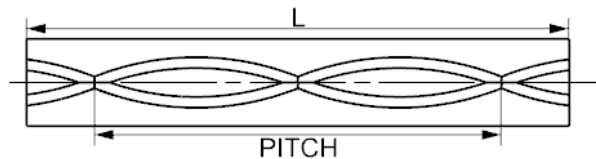
Diameter h6 tolerance
Tolerancia h6

CODE	Item No. mm	OD mm	Tol. mm	L mm	Tol. mm	TK mm	Tol. mm	D mm	Tol. mm	Pitch mm
THS-0300-330	R2H30-0300-3300PG	3	0/-0.006	330	0/+5	1.6	±0.1	0.4	±0.10	16.32
THS-0400-330	R2H30-0400-3300PG	4	0/-0.008	330	0/+5	2.1	±0.1	0.6	±0.10	21.77
THS-0500-330	R2H30-0500-3300PG	5	0/-0.008	330	0/+5	2.1	±0.2	0.7	±0.10	27.21
THS-0600-330	R2H30-0600-3300PG	6	0/-0.008	330	0/+5	2.4	±0.2	0.7	±0.10	32.65
THS-0700-330	R2H30-0700-3300PG	7	0/-0.009	330	0/+5	3.5	±0.2	1.0	±0.15	38.09
THS-0800-330	R2H30-0800-3300PG	8	0/-0.009	330	0/+5	3.8	±0.2	1.0	±0.15	43.53
THS-0900-330	R2H30-0900-3300PG	9	0/-0.009	330	0/+5	4.5	±0.3	1.4	±0.15	48.97
THS-1000-330	R2H30-1000-3300PG	10	0/-0.009	330	0/+5	4.5	±0.3	1.4	±0.15	54.41
THS-1100-330	R2H30-1100-3300PG	11	0/-0.011	330	0/+5	4.9	±0.4	1.4	±0.15	59.86
THS-1200-330	R2H30-1200-3300PG	12	0/-0.011	330	0/+5	5.85	±0.4	1.4	±0.15	65.30
THS-1300-330	R2H30-1300-3300PG	13	0/-0.011	330	0/+5	6.1	±0.4	1.75	±0.2	70.74
THS-1400-330	R2H30-1400-3300PG	14	0/-0.011	330	0/+5	6.7	±0.4	1.75	±0.2	76.18
THS-1500-330	R2H30-1500-3300PG	15	0/-0.011	330	0/+5	7.3	±0.4	1.75	±0.2	81.62
THS-1600-330	R2H30-1600-3300PG	16	0/-0.011	330	0/+5	7.9	±0.4	1.75	±0.2	87.06
THS-1700-330	R2H30-1700-3300PG	17	0/-0.011	330	0/+5	8.5	±0.4	1.75	±0.2	92.50
THS-1800-330	R2H30-1800-3300PG	18	0/-0.011	330	0/+5	9.15	±0.4	2.0	±0.25	97.95
THS-1900-330	R2H30-1900-3300PG	19	0/-0.013	330	0/+5	9.7	±0.4	2.0	±0.25	103.39
THS-2000-330	R2H30-2000-3300PG	20	0/-0.013	330	0/+5	9.9	±0.5	2.0	±0.25	108.83
THS-2200-330	R2H30-2200-3300PG	22	0/-0.013	330	0/+5	11.1	±0.5	2.0	±0.25	119.71
THS-2500-330	R2H30-2500-3300PG	25	0/-0.013	330	0/+5	12.8	±0.5	2.0	±0.25	136.03



Unground Rod, 2 Helical Hole 30 degree

Barra sin rectificado, 2 venas helicoidales de 30 grados



Type: R2H30
Tipo: R2H30

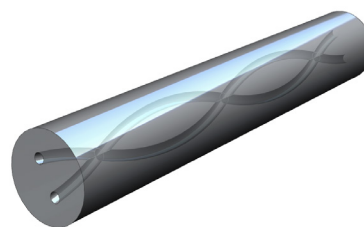
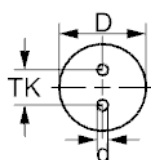
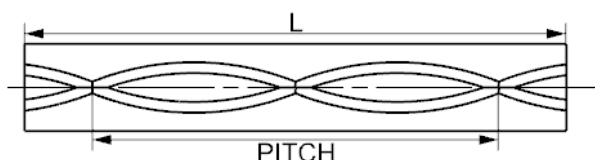
Grade: TH10UF
Grado: TH10UF

Metric Sizes: 3mm to 25mm
Medidas: 3mm a 25mm

CODE	Item No. mm	OD mm	Tol. mm	L mm	Tol. mm	TK mm	Tol. mm	D mm	Tol. mm	Pitch mm
THS-0330-330	R2H30-0330-3300UG	3.3	+0.3/+0.7	330	0/+5	1.6	±0.1	0.4	±0.10	16.32
THS-0430-330	R2H30-0430-3300UG	4.3	+0.3/+0.7	330	0/+5	2.1	±0.1	0.6	±0.10	21.77
THS-0530-330	R2H30-0530-3300UG	5.3	+0.3/+0.7	330	0/+5	2.1	±0.2	0.7	±0.10	27.21
THS-0630-330	R2H30-0630-3300UG	6.3	+0.3/+0.7	330	0/+5	2.4	±0.2	0.7	±0.10	32.65
THS-0730-330	R2H30-0730-3300UG	7.3	+0.3/+0.7	330	0/+5	3.5	±0.2	1.0	±0.15	38.09
THS-0830-330	R2H30-0830-3300UG	8.3	+0.3/+0.7	330	0/+5	3.8	±0.2	1.0	±0.15	43.53
THS-0930-330	R2H30-0930-3300UG	9.3	+0.3/+0.7	330	0/+5	4.5	±0.3	1.4	±0.15	48.97
THS-1030-330	R2H30-1030-3300UG	10.3	+0.3/+0.7	330	0/+5	4.5	±0.3	1.4	±0.15	54.41
THS-1130-330	R2H30-1130-3300UG	11.3	+0.4/+0.9	330	0/+5	4.9	±0.4	1.4	±0.15	59.86
THS-1230-330	R2H30-1230-3300UG	12.3	+0.4/+0.9	330	0/+5	5.85	±0.4	1.4	±0.15	65.30
THS-1330-330	R2H30-1330-3300UG	13.3	+0.4/+0.9	330	0/+5	6.1	±0.4	1.75	±0.2	70.74
THS-1430-330	R2H30-1430-3300UG	14.3	+0.4/+0.9	330	0/+5	6.7	±0.4	1.75	±0.2	76.18
THS-1530-330	R2H30-1530-3300UG	15.3	+0.4/+0.9	330	0/+5	7.3	±0.4	1.75	±0.2	81.62
THS-1630-330	R2H30-1630-3300UG	16.3	+0.4/+0.9	330	0/+5	7.9	±0.4	1.75	±0.2	87.06
THS-1730-330	R2H30-1730-3300UG	17.3	+0.4/+1.0	330	0/+5	8.5	±0.4	1.75	±0.2	92.50
THS-1830-330	R2H30-1830-3300UG	18.3	+0.4/+1.0	330	0/+5	9.15	±0.4	2.0	±0.25	97.95
THS-1930-330	R2H30-1930-3300UG	19.3	+0.4/+1.0	330	0/+5	9.7	±0.4	2.0	±0.25	103.39
THS-2030-330	R2H30-2030-3300UG	20.3	+0.4/+1.0	330	0/+5	9.9	±0.5	2.0	±0.25	108.83
THS-2230-330	R2H30-2230-3300UG	22.3	+0.4/+1.0	330	0/+5	11.1	±0.5	2.0	±0.25	119.71
THS-2530-330	R2H30-2530-3300UG	25.3	+0.4/+1.0	330	0/+5	12.8	±0.5	2.0	±0.25	136.03

Precision Ground Rod, 2 Helical Hole 30 degree

Barra rectificada, 2 venas helicoidales de 30 grados



Type: RHE30
Tipo: RHE30

Grade: TH10UF
Grado: TH10UF

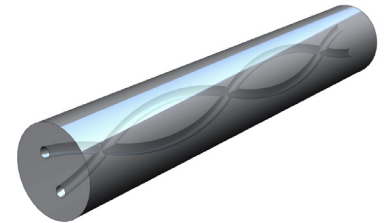
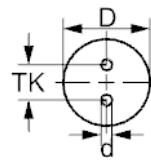
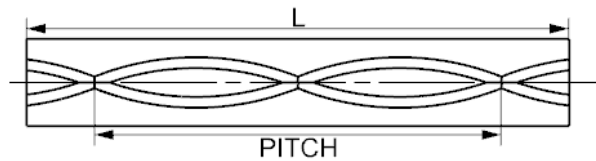
Metric Sizes: 6mm to 20mm
Medidas: 6mm to 20mm

Diameter h6 tolerance
Tolerancia h6

CODE	Item No. mm	OD mm	Tol. mm	L mm	Tol. mm	TK mm	Tol. mm	D mm	Tol. mm	Pitch mm
THS-0600-330	RHE30-0600-3300PG	6	0/-0.008	330	0/+5	2.7	±0.2	0.8	±0.10	32.65
THS-0700-330	RHE30-0700-3300PG	7	0/-0.009	330	0/+5	3.5	±0.2	1.0	±0.15	38.09
THS-0800-330	RHE30-0800-3300PG	8	0/-0.009	330	0/+5	3.4	±0.2	1.0	±0.15	43.53
THS-0900-330	RHE30-0900-3300PG	9	0/-0.009	330	0/+5	4.5	±0.3	1.4	±0.15	48.97
THS-1000-330	RHE30-1000-3300PG	10	0/-0.009	330	0/+5	4.8	±0.3	1.3	±0.15	54.41
THS-1100-330	RHE30-1100-3300PG	11	0/-0.011	330	0/+5	4.9	±0.4	1.4	±0.15	59.86
THS-1200-330	RHE30-1200-3300PG	12	0/-0.011	330	0/+5	6.3	±0.4	1.7	±0.2	65.30
THS-1300-330	RHE30-1300-3300PG	13	0/-0.011	330	0/+5	6.1	±0.4	1.75	±0.2	70.74
THS-1400-330	RHE30-1400-3300PG	14	0/-0.011	330	0/+5	6.7	±0.4	1.8	±0.2	76.18
THS-1500-330	RHE30-1500-3300PG	15	0/-0.011	330	0/+5	7.3	±0.4	1.75	±0.2	81.62
THS-1600-330	RHE30-1600-3300PG	16	0/-0.011	330	0/+5	8.0	±0.4	2.0	±0.2	87.06
THS-1700-330	RHE30-1700-3300PG	17	0/-0.011	330	0/+5	8.5	±0.4	1.75	±0.2	92.50
THS-1800-330	RHE30-1800-3300PG	18	0/-0.011	330	0/+5	9.0	±0.4	2.3	±0.2	97.95
THS-1900-330	RHE30-1900-3300PG	19	0/-0.013	330	0/+5	9.7	±0.4	2.0	±0.25	103.39
THS-2000-330	RHE30-2000-3300PG	20	0/-0.013	330	0/+5	10.0	±0.5	2.5	±0.25	108.83

Unground Rod, 2 Helical Hole 30 degree

Barra sin rectificado, 2 venas helicoidales de 30 grados



Type: RHE30
Tipo: RHE30

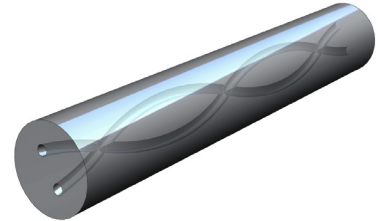
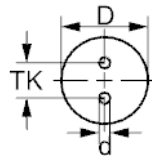
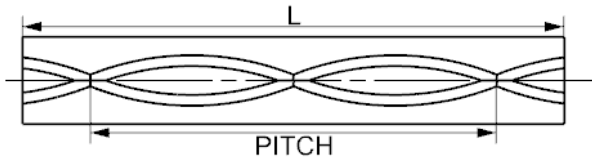
Grade: TH10UF
Grado: TH10UF

Metric Sizes: 6mm to 20mm
Medidas: 6mm to 20mm

CODE	Item No. mm	OD mm	Tol. mm	L mm	Tol. mm	TK mm	Tol. mm	D mm	Tol. mm	Pitch mm
THS-0630-330	RHE30-0630-3300UG	6.3	+0.3/+0.7	330	0/+5	2.7	±0.2	0.8	± 0.1	32.65
THS-0730-330	RHE30-0730-3300UG	7.3	+0.3/+0.7	330	0/+5	3.5	±0.2	1.0	±0.15	38.09
THS-0830-330	RHE30-0830-3300UG	8.3	+0.3/+0.7	330	0/+5	3.4	±0.2	1.0	±0.15	43.53
THS-0930-330	RHE30-0930-3300UG	9.3	+0.3/+0.7	330	0/+5	4.5	±0.3	1.4	±0.15	48.97
THS-1030-330	RHE30-1030-3300UG	10.3	+0.3/+0.7	330	0/+5	4.8	±0.3	1.3	±0.15	54.41
THS-1130-330	RHE30-1130-3300UG	11.3	+0.4/+0.9	330	0/+5	4.9	±0.4	1.4	±0.15	59.86
THS-1230-330	RHE30-1230-3300UG	12.3	+0.4/+0.9	330	0/+5	6.3	±0.4	1.7	±0.2	65.30
THS-1330-330	RHE30-1330-3300UG	13.3	+0.4/+0.9	330	0/+5	6.1	±0.4	1.75	±0.2	70.74
THS-1430-330	RHE30-1430-3300UG	14.3	+0.4/+0.9	330	0/+5	6.7	±0.4	1.8	±0.2	76.18
THS-1530-330	RHE30-1530-3300UG	15.3	+0.4/+0.9	330	0/+5	7.3	±0.4	1.75	±0.2	81.62
THS-1630-330	RHE30-1630-3300UG	16.3	+0.4/+0.9	330	0/+5	8.0	±0.4	2.0	±0.2	87.06
THS-1730-330	RHE30-1730-3300UG	17.3	+0.4/+1.0	330	0/+5	8.5	±0.4	1.75	±0.2	92.50
THS-1830-330	RHE30-1830-3300UG	18.3	+0.4/+1.0	330	0/+5	9.0	±0.4	2.3	±0.2	97.95
THS-1930-330	RHE30-1930-3300UG	19.3	+0.4/+1.0	330	0/+5	9.7	±0.4	2.0	±0.25	103.39
THS-2030-330	RHE30-2030-3300UG	20.3	+0.4/+1.0	330	0/+5	10.0	±0.5	2.5	±0.25	108.83

Precision Ground Rod, 2 Helical Hole 40 degree

Barra rectificada, 2 venas helicoidales de 40 grados



Type: R2H40/RHE40
Tipo: R2H40/RHE40

Grade: TH10UF
Grado: TH10UF

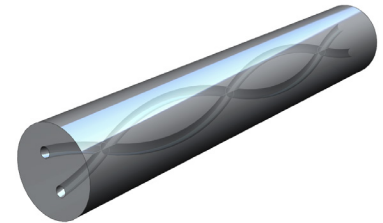
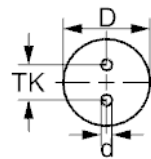
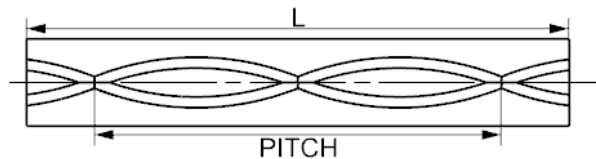
Metric Sizes: 6mm to 25mm
Medidas: 6mm to 25mm

Diameter h6 tolerance
Tolerancia h6

CODE	Item No. mm	OD mm	Tol. mm	L mm	Tol. mm	TK mm	Tol. mm	D mm	Tol. mm	Pitch mm
THS-0600-330	RHE40-0600-3300PG	6	0/-0.008	330	0/+5	1.9	±0.15	0.70	±0.10	22.46
THS-0600-330	R2H40-0600-3300PG	6	0/-0.008	330	0/+5	2.0	±0.15	0.50	±0.10	22.46
THS-0800-330	R2H40-0800-3300PG	8	0/-0.009	330	0/+5	2.4	±0.30	0.65	±0.15	29.95
THS-1000-330	R2H40-1000-3300PG	10	0/-0.009	330	0/+5	3.1	±0.40	0.80	±0.15	37.44
THS-1200-330	R2H40-1200-3300PG	12	0/-0.011	330	0/+5	3.8	±0.40	0.90	±0.15	44.93
THS-1400-330	R2H40-1400-3300PG	14	0/-0.011	330	0/+5	4.3	±0.40	1.00	±0.20	52.42
THS-1600-330	R2H40-1600-3300PG	16	0/-0.011	330	0/+5	5.1	±0.40	1.20	±0.20	59.90
THS-1800-330	R2H40-1800-3300PG	18	0/-0.011	330	0/+5	5.9	±0.40	1.40	±0.25	67.39
THS-2000-330	R2H40-2000-3300PG	20	0/-0.013	330	0/+5	6.6	±0.50	1.50	±0.25	74.88
THS-2200-330	R2H40-2200-3300PG	22	0/-0.013	330	0/+5	7.2	±0.50	1.70	±0.25	82.35
THS-2500-330	R2H40-2500-3300PG	25	0/-0.013	330	0/+5	7.6	±0.50	1.75	±0.25	93.58

Unground Rod, 2 Helical Hole 40 degree

Barra sin rectificado, 2 venas helicoidales de 40 grados



Type: R2H40/RHE40
Tipo: R2H40/RHE40

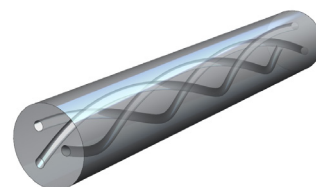
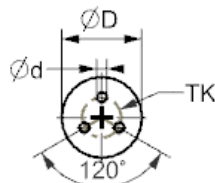
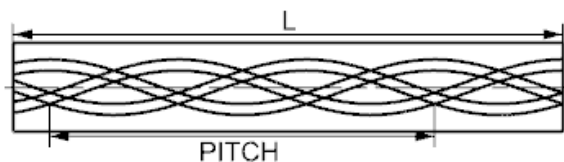
Grade: TH10UF
Grado: TH10UF

Metric Sizes: 6mm to 25mm
Medidas: 6mm to 25mm

CODE	Item No. mm	OD mm	Tol. mm	L mm	Tol. mm	TK mm	Tol. mm	D mm	Tol. mm	Pitch mm
THS-0630-330	RHE40-0630-3300UG	6.3	+0.3/+0.7	330	0/+5	1.9	±0.15	0.70	±0.1	22.46
THS-0630-330	R2H40-0630-3300UG	6.3	+0.3/+0.7	330	0/+5	2.0	±0.15	0.50	±0.1	22.46
THS-0830-330	R2H40-0830-3300UG	8.3	+0.3/+0.7	330	0/+5	2.4	±0.30	0.65	±0.15	29.95
THS-1030-330	R2H40-1030-3300UG	10.3	+0.3/+0.7	330	0/+5	3.1	±0.40	0.8	±0.15	37.44
THS-1230-330	R2H40-1230-3300UG	12.3	+0.4/+0.9	330	0/+5	3.8	±0.40	0.9	±0.15	44.93
THS-1430-330	R2H40-1430-3300UG	14.3	+0.4/+0.9	330	0/+5	4.3	±0.40	1.00	±0.2	52.42
THS-1630-330	R2H40-1630-3300UG	16.3	+0.4/+0.9	330	0/+5	5.1	±0.40	1.20	±0.2	59.90
THS-1830-330	R2H40-1830-3300UG	18.3	+0.4/+1.0	330	0/+5	5.9	±0.40	1.40	±0.25	67.39
THS-2030-330	R2H40-2030-3300UG	20.3	+0.4/+1.0	330	0/+5	6.6	±0.50	1.50	±0.25	74.88
THS-2230-330	R2H40-2230-3300UG	22.3	+0.4/+1.0	330	0/+5	7.2	±0.50	1.70	±0.25	82.35
THS-2530-330	R2H40-2530-3300UG	25.3	+0.4/+1.0	330	0/+5	7.6	±0.50	1.75	±0.25	93.58

Precision Ground Rod, 3 Helical Hole 30 degree

Barra rectificada, 3 venas helicoidales de 30 grados



Type: R3H30
Tipo: R3H30

Grade: TH10UF
Grado: TH10UF

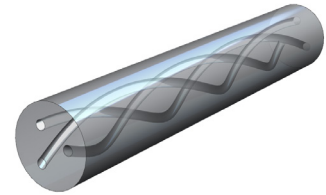
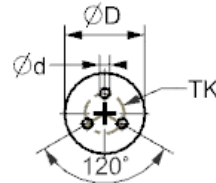
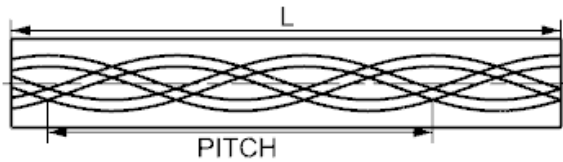
Metric Sizes: 6mm to 20mm
Medidas: 6mm to 20mm

Diameter h6 tolerance
Tolerancia h6

CODE	Item No. mm	OD mm	Tol. mm	L mm	Tol. mm	TK mm	Tol. mm	D mm	Tol. mm	Pitch mm
THS-0600-330	R3H30-0600-3300PG	6	0/-0.008	330	0/+5	2.75	± 0.20	0.5	± 0.15	32.65
THS-0800-330	R3H30-0800-3300PG	8	0/-0.009	330	0/+5	3.85	± 0.20	0.7	± 0.15	43.53
THS-1000-330	R3H30-1000-3300PG	10	0/-0.009	330	0/+5	4.95	± 0.30	0.85	± 0.20	54.41
THS-1200-330	R3H30-1200-3300PG	12	0/-0.011	330	0/+5	6.05	± 0.40	1.1	± 0.20	65.30
THS-1400-330	R3H30-1400-3300PG	14	0/-0.011	330	0/+5	7.05	± 0.40	1.4	± 0.20	76.18
THS-1600-330	R3H30-1600-3300PG	16	0/-0.011	330	0/+5	8.05	± 0.40	1.6	± 0.20	87.06
THS-1800-330	R3H30-1800-3300PG	18	0/-0.011	330	0/+5	9.25	± 0.50	1.7	± 0.25	97.95
THS-2000-330	R3H30-2000-3300PG	20	0/-0.013	330	0/+5	9.85	± 0.50	1.9	± 0.25	108.83

Unground Rod, 3 Helical Hole 30 degree

Barra sin rectificado, 3 venas helicoidales de 30 grados



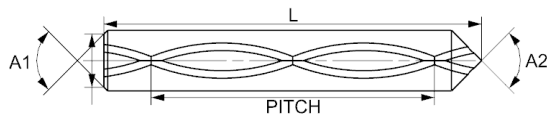
Type: R3H30
Tipo: R3H30

Grade: TH10UF
Grado: TH10UF

Metric Sizes: 6mm to 20mm Diameter
Medidas: 6mm a 20 mm

CODE	Item No. mm	OD mm	Tol. mm	L mm	Tol. mm	TK mm	Tol. mm	D mm	Tol. mm	Pitch mm
THS-0630-330	R3H30-0630-3300UG	6.3	+0.3/+0.7	330	0/+5	2.75	± 0.20	0.5	± 0.15	32.65
THS-0830-330	R3H30-0830-3300UG	8.3	+0.3/+0.7	330	0/+5	3.85	± 0.20	0.7	± 0.15	43.53
THS-1030-330	R3H30-1030-3300UG	10.3	+0.3/+0.7	330	0/+5	4.95	± 0.30	0.85	± 0.20	54.41
THS-1230-330	R3H30-1230-3300UG	12.3	+0.4/+0.9	330	0/+5	6.05	± 0.40	1.1	± 0.20	65.30
THS-1430-330	R3H30-1430-3300UG	14.3	+0.4/+0.9	330	0/+5	7.05	± 0.40	1.4	± 0.20	76.18
THS-1630-330	R3H30-1630-3300UG	16.3	+0.4/+0.9	330	0/+5	8.05	± 0.40	1.6	± 0.20	87.06
THS-1830-330	R3H30-1830-3300UG	18.3	+0.4/+1.0	330	0/+5	9.25	± 0.50	1.7	± 0.25	97.95
THS-2030-330	R3H30-2030-3300UG	20.3	+0.4/+1.0	330	0/+5	9.85	± 0.50	1.9	± 0.25	108.83

Precision Ground Rod, 3XDiameter Drill, 2 Helical Hole With Point, Chamfer and Connection Slot

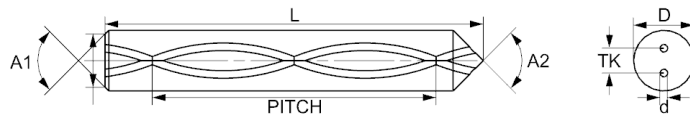


Type: RH03D3 (30°) RH03D4 (40°)
Tipo: RH03D3 (30°) RH03D4 (40°)

Grade: TH10UF Metric Sizes 6mm to 20mm Diameter h6 tolerance
Grado: TH10UF Medidas 6mm a 20mm Tolerancia h6

CODE	Item No. mm	OD mm	Tol. mm	L mm	Tol. mm	TK mm	Tol. mm	D mm	Tol. mm	Pitch mm
THS-0600-063	RH03D4-0600-0630PG	6	0/-0.008	63	0/+1.5	1.9	±0.15	0.7	±0.1	22.5
THS-0600-067	RH03D3-0600-0670PG	6	0/-0.008	67	0/+1.5	2.7	±0.2	0.8	±0.1	32.7
THS-0800-0805	RH03D3-0800-0805PG	8	0/-0.009	80.5	0/+1.5	3.4	±0.2	1.0	±0.15	43.5
THS-1000-0905	RH03D3-1000-0905PG	10	0/-0.009	90.5	0/+1.5	4.8	±0.3	1.3	±0.15	54.4
THS-1200-1040	RH03D3-1200-1040PG	12	0/-0.011	104	0/+1.5	6.3	±0.4	1.7	±0.2	65.0
THS-1400-1090	RH03D3-1400-1090PG	14	0/-0.011	109	0/+1.5	6.7	±0.4	1.8	±0.2	76.2
THS-1600-1175	RH03D3-1600-1175PG	16	0/-0.011	117.5	0/+1.5	B.O	±0.4	2.0	±0.2	87.1
THS-1800-1255	RH03D3-1800-1255PG	18	0/-0.011	125.5	0/+1.5	9.0	±0.45	2.3	±0.2	98.0
THS-2000-1340	RH03D3-2000-1340PG	20	0/-0.013	134	0/+1.5	10.0	±0.50	2.5	±0.2	108.8

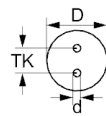
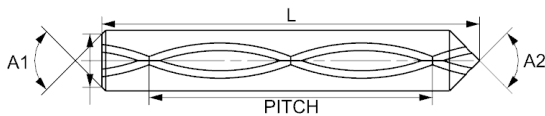
Precision Ground Rod, 5XDiameter Drill, 2 Helical Hole, With Point, Chamfer and Connection Slot



Type: RH05D3 (30°) RH05D4 (40°) **Grade:** TH10UF Metric Sizes 6mm to 20mm Diameter h6 tolerance
Tipo: RH05D3 (30°) RH05D4 (40°) **Grado:** TH10UF Medidas 6 mm a 20 mm Tolerancia h6

CODE	Item No. mm	OD mm	Tol. mm	L mm	Tol. mm	TK mm	Tol. mm	D mm	Tol. mm	Pitch mm
THS-0600-075	RH05D4-0600-0750PG	6	0/-0.008	75	0/+1.5	1.9	± 0.15	0.7	± 0.1	22.5
THS-0600-083	RH05D3-0600-0830PG	6	0/-0.008	83	0/+1.5	2.7	±0.2	0.8	±0.1	32.7
THS-0800-0925	RH05D3-0800-0925PG	8	0/-0.009	92.5	0/+1.5	3.4	±0.2	1.0	±0.15	43.5
THS-1000-1045	RH05D3-1000-1045PG	10	0/-0.009	104.5	0/+1.5	4.8	±0.3	1.3	±0.15	54.4
THS-1200-120	RH05D3-1200-1200PG	12	0/-0.011	120	0/+1.5	6.3	±0.4	1.7	±0.2	65.0
THS-1400-1265	RH05D3-1400-1265PG	14	0/-0.011	126.5	0/+1.5	6.7	±0.4	1.8	±0.2	76.2
THS-1600-1355	RH05D3-1600-1355PG	16	0/-0.011	135.5	0/+1.5	8.0	±0.4	2.0	±0.2	87.1
THS-1800-1455	RH05D3-1800-1455PG	18	0/-0.011	145.5	0/+1.5	9.0	±0.45	2.3	±0.2	98.0
THS-2000-1560	RH05D3-2000-1560PG	20	0/-0.013	156	0/+1.5	10.0	±0.50	2.5	±0.2	108.8

Precision Ground Rod, 8X Diameter Drill, 2 Helical Hole, With Point, Chamfer and Connection Slot

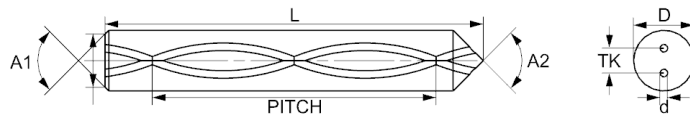


Type: RH08D3 (30°) RH08D4 (40°)
Tipo: RH08D3 (30°) RH08D4 (40°)

Grade: TH10UF Metric Sizes 6mm to 20mm Diameter h6 tolerance
Grado: TH10UF Medidas 6mm a 20mm Tolerancia h6

CODE	Item No. mm	OD mm	Tol. mm	L mm	Tol. mm	TK mm	Tol. mm	D mm	Tol. mm	Pitch mm
THS-0600-086	RH08D4-0600-0860PG	6	0/-0.008	86	0/+1.5	1.9	±0.15	0.7	±0.1	22.5
THS-0600-098	RH08D3-0600-0980PG	6	0/-0.008	98	0/+1.5	2.7	±0.2	0.8	±0.05	32.7
THS-0800-1075	RH08D3-0800-1075PG	8	0/-0.009	107.5	0/+1.5	3.4	±0.2	1.0	±0.05	43.5
THS-0800-1175	RH08D3-0800-1175PG	8	0/-0.009	117.5	0/+1.5	3.4	±0.2	1.0	±0.05	43.5
THS-1000-1355	RH08D3-1000-1355PG	10	0/-0.009	135.5	0/+1.5	4.8	±0.23	1.3	±0.05	54.4
THS-1200-157	RH08D3-1200-1570PG	12	0/-0.011	157	0/+1.5	6.3	±0.23	1.7	±0.075	65.0
THS-1400-1845	RH08D3-1400-1845PG	14	0/-0.011	184.5	0/+1.5	6.7	±0.26	1.8	±0.075	76.2
THS-1600-2065	RH08D3-1600-2065PG	16	0/-0.011	206.5	0/+1.5	8.0	±0.40	2.0	±0.075	87.1
THS-1800-2255	RH08D3-1800-2255PG	18	0/-0.011	225.5	0/+1.5	9.0	±0.45	2.3	±0.075	98.0
THS-2000-247	RH08D3-2000-2470PG	20	0/-0.013	247	0/+1.5	10.0	±0.50	2.5	±0.075	108.8

Precision Ground Rod, 12XDiameter Drill, 2 Helical Hole, With Point, Chamfer and Connection Slot

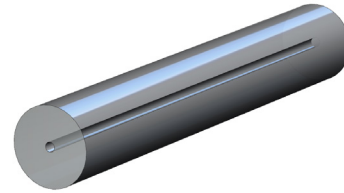
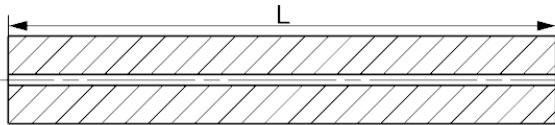


Type: RH12D3(30°) RH12D4(40°) **Grade:** TH10UF Metric Sizes 6mm to 20mm Diameter h6 tolerance
Tipo: RH12D3(30°) RH12D4(40°) **Grado:** TH10UF Medias 6 mm a 20 mm Tolerancia h6

CODE	Item No. mm	OD mm	Tol. mm	L mm	Tol. mm	TK mm	Tol. mm	D mm	Tol. mm	Pitch mm
THS-0600-1035	RH12D4-0600-1035PG	6	0/-0.008	103.5	0/+1.5	1.9	± 0.15	0.7	± 0.1	22.5
THS-0600-1225	RH12D3-0600-1225PG	6	0/-0.008	122.5	0/+1.5	2.7	±0.2	0.8	±0.05	32.7
THS-0800-1 SOO	RH12D3-0800-1 SOOPG	8	0/-0.009	150	0/+1.5	3.4	±0.2	1.0	±0.05	43.5
THS-1000-183	RH12D3-1000-1830PG	10	0/-0.009	183	0/+1.5	4.8	±0.23	1.3	±0.05	54.4
THS-1200-208	RH12D3-1200-2080PG	12	0/-0.011	208	0/+1.5	6.3	±0.23	1.7	±0.075	65.0
THS-1400-233	RH12D3-1400-2330PG	14	0/-0.011	233	0/+1.5	6.7	±0.26	1.8	±0.075	76.2
THS-1600-263	RH12D3-1600-2630PG	16	0/-0.011	263	0/+1.5	8.0	±0.40	2.0	±0.075	87.1
THS-1800-288	RH12D3-1800-2880PG	18	0/-0.011	288	0/+1.5	9.0	±0.45	2.3	±0.075	98.0
THS-2000-3135	RH12D3-2000-3135PG	20	0/-0.013	313.5	0/+1.5	10.0	±0.50	2.5	±0.075	108.8

Precision Ground Rod, 1 Straight Hole Centered

Barra rectificada, 1 vena central recta



Type: R15H
Tipo: R15H

Grade: TH10UF
Grado: TH10UF

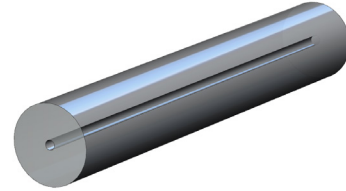
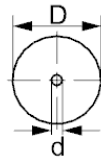
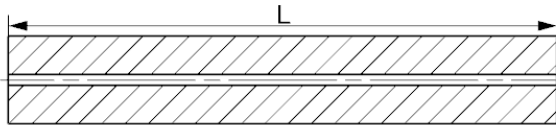
Metric Sizes 4mm to 25mm
Medidas 4 mm a 25 mm

Diameter h6 tolerance
Tolerancia h6

CODE	Item No. mm	OD mm	TolH6 mm	L mm	Tol. mm	D mm	Tol. mm
THS-0400-330	R1SH-0400-3300PG	4	0/-0.008	330	0/+5	0.6	±0.15
THS-0600-330	R1SH-0600-3300PG	6	0/-0.008	330	0/+5		±0.15
THS-0800-330	R1SH-0800-3300PG	8	0/-0.009	330	0/+5	1.3	±0.15
THS-1000-330	R1SH-1000-3300PG	10	0/-0.009	330	0/+5	2	±0.20
THS-1200-330	R1SH-1200-3300PG	12	0/-0.011	330	0/+5	2	±0.20
THS-1400-330	R1SH-1400-3300PG	14	0/-0.011	330	0/+5	2	±0.20
THS-1600-330	R1SH-1600-3300PG	16	0/-0.011	330	0/+5	2	±0.20
THS-1800-330	R1SH-1800-3300PG	18	0/-0.011	330	0/+5	3	±0.20
THS-2000-330	R1SH-2000-3300PG	20	0/-0.013	330	0/+5	3	±0.20
THS-2200-330	R1SH-2200-3300PG	22	0/-0.013	330	0/+5	3	±0.20
THS-2400-330	R1SH-2400-3300PG	24	0/-0.013	330	0/+5	4	±0.30
THS-2500-330	R1SH-2500-3300PG	25	0/-0.013	330	0/+5	4	±0.30

Unground Rod, 1 Straight Hole Centered

Barra sin rectificar, 1 vena central recta

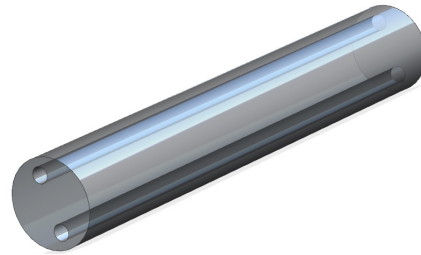
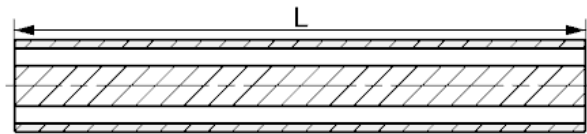


Type: R15H **Grade:** TH10UF Metric Sizes 4mm to 25mm Diameter
Tipo: R15H **Grado:** TH10UF Medias 4mm to 25mm

CODE	Item No. mm	OD mm	TolH6 mm	L mm	Tol. mm	D mm	Tol. mm
THS-0430-330	R1SH-0430-3300UG	4.3	0/+0.3	330	0/+5	0.6	±0.15
THS-0630-330	R1SH-0630-3300UG	6.3	0/+0.3	330	0/+5		±0.15
THS-0830-330	R1SH-0830-3300UG	8.3	0/+0.3	330	0/+5	1.3	±0.15
THS-1030-330	R1SH-1030-3300UG	10.3	0/+0.3	330	0/+5	2	±0.20
THS-1230-330	R1SH-1230-3300UG	12.3	0/+0.4	330	0/+5	2	±0.20
THS-1430-330	R1SH-1430-3300UG	14.3	0/+0.4	330	0/+5	2	±0.20
THS-1630-330	R1SH-1630-3300UG	16.3	0/+0.4	330	0/+5	2	±0.20
THS-1830-330	R1SH-1830-3300UG	18.3	0/+0.5	330	0/+5	3	±0.20
THS-2030-330	R1SH-2030-3300UG	20.3	0/+0.5	330	0/+5	3	±0.20
THS-2230-330	R1SH-2230-3300UG	22.3	0/+0.5	330	0/+5	3	±0.20
THS-2430-330	R1SH-2430-3300UG	24.3	0/+0.5	330	0/+5	4	±0.30
THS-2530-330	R1SH-2530-3300UG	25.3	0/+0.5	330	0/+5	4	±0.30

Precision Ground Rod, 2 Straight Hole Reduced BC

Barra rectificada, 2 venas rectas con TK reducido



Type: R25HR
Tipo: R25HR

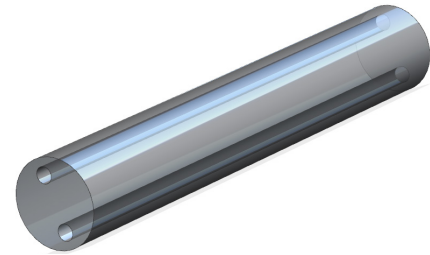
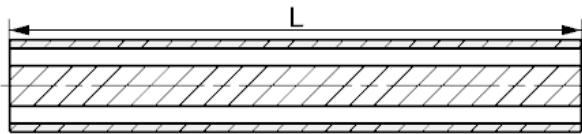
Grade: TH10UF
Grado: TH10UF

Metric Sizes 6mm to 20mm Diameter h6 tolerance
Medidas 6mm a 20mm Tolerancia h6

CODE	Item No. mm	OD mm	Tol. h6 mm	L mm	Tol. mm	TK mm	Tol. mm	d mm	Tol. mm
THS-0600-330	R2SHR-0600-3300PG	6	0/-0.008	330	0/+5	1.5	0/-0.2	0.8	±0.15
THS-0700-330	R2SHR-0700-3300PG	7	0/-0.009	330	0/+5	1.5	0/-0.2	0.8	±0.15
THS-0800-330	R2SHR-0800-3300PG	8	0/-0.009	330	0/+5	2.6	0/-0.3	1.0	±0.15
THS-0900-330	R2SHR-0900-3300PG	9	0/-0.009	330	0/+5	2.6	0/-0.3	1.0	±0.15
THS-1000-330	R2SHR-1000-3300PG	10	0/-0.009	330	0/+5	2.6	0/-0.3	1.0	±0.15
THS-1100-330	R2SHR-1100-3300PG	11	0/-0.011	330	0/+5	3.5	0/-0.3	1.2	±0.15
THS-1200-330	R2SHR-1200-3300PG	12	0/-0.011	330	0/+5	3.5	0/-0.3	1.2	±0.15
THS-1300-330	R2SHR-1300-3300PG	13	0/-0.011	330	0/+5	3.5	0/-0.3	1.2	±0.15
THS-1400-330	R2SHR-1400-3300PG	14	0/-0.011	330	0/+5	5.0	0/-0.3	1.5	±0.15
THS-1500-330	R2SHR-1500-3300PG	15	0/-0.011	330	0/+5	5.0	0/-0.3	1.5	±0.15
THS-1600-330	R2SHR-1600-3300PG	16	0/-0.011	330	0/+5	5.0	0/-0.3	1.5	±0.20
THS-1700-330	R2SHR-1700-3300PG	17	0/-0.011	330	0/+5	6.2	0/-0.3	2.0	±0.20
THS-1800-330	R2SHR-1800-3300PG	18	0/-0.011	330	0/+5	6.2	0/-0.3	2.0	±0.20
THS-1900-330	R2SHR-1900-3300PG	19	0/-0.013	330	0/+5	6.2	0/-0.3	2.0	±0.20
THS-2000-330	R2SHR-2000-3300PG	20	0/-0.013	330	0/+5	6.2	0/-0.4	2.0	±0.30

Unground Rod, 2 Straight Hole Reduced BC

Barra sin rectificar, 2 venas rectas con BC reducido

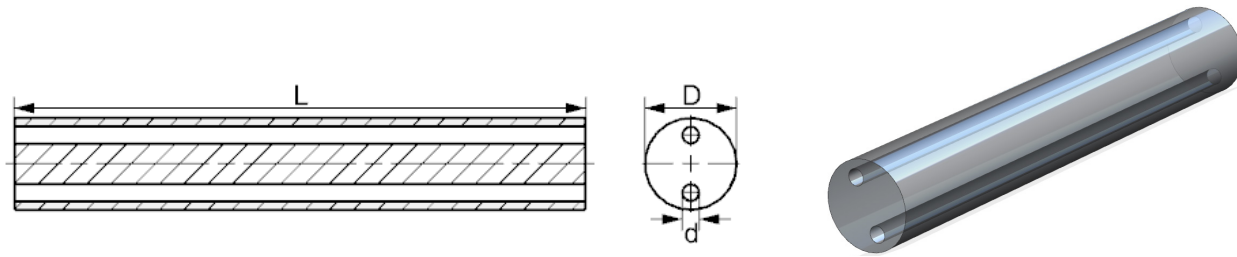


Type: R2SHR **Grade:** TH10UF Metric Sizes 6mm to 20mm Diameter
Tipo: R2SHR **Grado:** TH10UF Medidas 6mm a 20mm

CODE	Item No. mm	OD mm	Tol. mm	L mm	Tol. mm	TK mm	Tol. mm	D mm	Tol. mm
THS-0600-330	R2SHR-0600-3300PG	6	0/-0.008	330	0/+5	1.5	0/-0.2	0.8	±0.15
THS-0700-330	R2SHR-0700-3300PG	7	0/-0.009	330	0/+5	1.5	0/-0.2	0.8	±0.15
THS-0800-330	R2SHR-0800-3300PG	8	0/-0.009	330	0/+5	2.6	0/-0.3	1.0	±0.15
THS-0900-330	R2SHR-0900-3300PG	9	0/-0.009	330	0/+5	2.6	0/-0.3	1.0	±0.15
THS-1000-330	R2SHR-1000-3300PG	10	0/-0.009	330	0/+5	2.6	0/-0.3	1.0	±0.15
THS-1100-330	R2SHR-1100-3300PG	11	0/-0.011	330	0/+5	3.5	0/-0.3	1.2	±0.15
THS-1200-330	R2SHR-1200-3300PG	12	0/-0.011	330	0/+5	3.5	0/-0.3	1.2	±0.15
THS-1300-330	R2SHR-1300-3300PG	13	0/-0.011	330	0/+5	3.5	0/-0.3	1.2	±0.15
THS-1400-330	R2SHR-1400-3300PG	14	0/-0.011	330	0/+5	5.0	0/-0.3	1.5	±0.15
THS-1500-330	R2SHR-1500-3300PG	15	0/-0.011	330	0/+5	5.0	0/-0.3	1.5	±0.15
THS-1600-330	R2SHR-1600-3300PG	16	0/-0.011	330	0/+5	5.0	0/-0.3	1.5	±0.20
THS-1700-330	R2SHR-1700-3300PG	17	0/-0.011	330	0/+5	6.2	0/-0.3	2.0	±0.20
THS-1800-330	R2SHR-1800-3300PG	18	0/-0.011	330	0/+5	6.2	0/-0.3	2.0	±0.20
THS-1900-330	R2SHR-1900-3300PG	19	0/-0.013	330	0/+5	6.2	0/-0.3	2.0	±0.20
THS-2000-330	R2SHR-2000-3300PG	20	0/-0.013	330	0/+5	6.2	0/-0.4	2.0	±0.30

Precision Ground Rod, 2 Straight Hole Standard BC

Barra rectificada, 2 venas rectas con BC standard



Type: R2SHS
Tipo: R2SHS

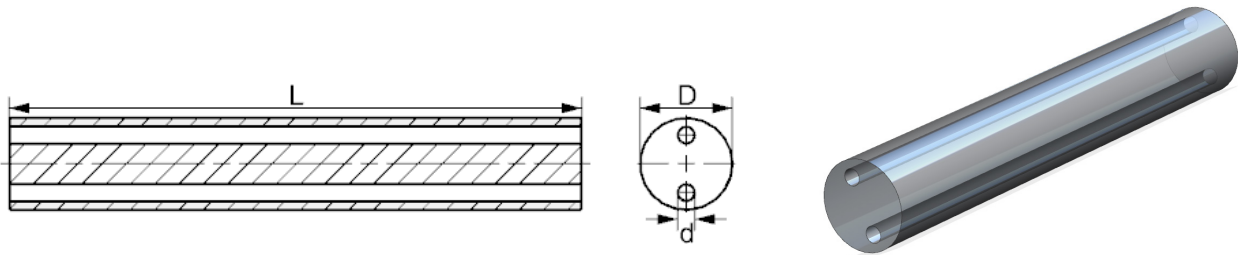
Grade: TH10UF
Grado: TH10UF

Metric Sizes 6mm to 20mm Diameter h6 tolerance
Medidas 6mm a 20mm Tolerancia h6

CODE	Item No. mm	OD mm	Tol. h6 mm	L mm	Tol. mm	TK mm	Tol. mm	d mm	Tol. mm
THS-0600-330 0.15	R2SHS-0600-3300PG	6	0/-0.008	330	0/+5	3.0	0/-0.2	1.0	±
THS-0700-330	R2SHS-0700-3300PG	7	0/-0.009	330	0/+5	3.5	0/-0.2	1.0	±0.15
THS-0800-330	R2SHS-0800-3300PG	8	0/-0.009	330	0/+5	4.0	0/-0.3	1.0	±0.15
THS-0900-330	R2SHS-0900-3300PG	9	0/-0.009	330	0/+5	4.0	0/-0.3	1.4	±0.15
THS-1000-330	R2SHS-1000-3300PG	10	0/-0.009	330	0/+5	5.0	0/-0.3	1.4	±0.15
THS-1100-330	R2SHS-1100-3300PG	11	0/-0.011	330	0/+5	5.0	0/-0.3	1.4	±0.15
THS-1200-330	R2SHS-1200-3300PG	12	0/-0.011	330	0/+5	6.0	0/-0.3	1.75	±0.15
THS-1300-330	R2SHS-1300-3300PG	13	0/-0.011	330	0/+5	6.0	0/-0.3	1.75	±0.15
THS-1400-330	R2SHS-1400-3300PG	14	0/-0.011	330	0/+5	7.0	0/-0.3	1.75	±0.15
THS-1500-330	R2SHS-1500-3300PG	15	0/-0.011	330	0/+5	7.0	0/-0.3	2.0	±0.20
THS-1600-330	R2SHS-1600-3300PG	16	0/-0.011	330	0/+5	8.0	0/-0.3	2.0	±0.20
THS-1700-330	R2SHS-1700-3300PG	17	0/-0.011	330	0/+5	8.0	0/-0.3	2.0	±0.20
THS-1800-330	R2SHS-1800-3300PG	18	0/-0.011	330	0/+5	9.0	0/-0.3	2.0	±0.20
THS-1900-330	R2SHS-1900-3300PG	19	0/-0.013	330	0/+5	9.0	0/-0.3	2.0	±0.20
THS-2000-330	R2SHS-2000-3300PG	20	0/-0.013	330	0/+5	10.0	0/-0.4	2.5	±0.30

Unground Rod, 2 Straight Hole Standard BC

Barra sin rectificar, 2 venas rectas con BC standard



Type: R2SHR **Grade:** TH10UF Metric Sizes 6mm to 20mm Diameter
Tipo: R2SHR **Grado:** TH10UF Medidas 6mm a 20mm

CODE	Item No. mm	OD mm	Tol. mm	L mm	Tol. mm	TK mm	Tol. mm	D mm	Tol. mm
THS-0630-330 0.15	R2SHS-0630-3300UG	6.3	0/+0.3	330	0/+5	3.0	0/-0.2	1.0	±
THS-0730-330	R2SHS-0730-3300UG	7.3	0/+0.3	330	0/+5	3.5	0/-0.2	1.0	±0.15
THS-0830-330	R2SHS-0830-3300UG	8.3	0/+0.3	330	0/+5	4.0	0/-0.3	1.0	±0.15
THS-0930-330	R2SHS-0930-3300UG	9.3	0/+0.3	330	0/+5	4.0	0/-0.3	1.4	±0.15
THS-1030-330	R2SHS-1030-3300UG	10.3	0/+0.3	330	0/+5	5.0	0/-0.3	1.4	±0.15
THS-1130-330	R2SHS-1130-3300UG	11.3	0/+0.4	330	0/+5	5.0	0/-0.3	1.4	±0.15
THS-1230-330	R2SHS-1230-3300UG	12.3	0/+0.4	330	0/+5	6.0	0/-0.3	1.75	±0.15
THS-1330-330	R2SHS-1330-3300UG	13.3	0/+0.4	330	0/+5	6.0	0/-0.3	1.75	±0.15
THS-1430-330	R2SHS-1430-3300UG	14.3	0/+0.4	330	0/+5	7.0	0/-0.3	1.75	±0.15
THS-1530-330	R2SHS-1530-3300UG	15.3	0/+0.4	330	0/+5	7.0	0/-0.3	2.0	±0.20
THS-1630-330	R2SHS-1630-3300UG	16.3	0/+0.4	330	0/+5	8.0	0/-0.3	2.0	±0.20
THS-1730-330	R2SHS-1730-3300UG	17.3	0/+0.5	330	0/+5	8.0	0/-0.3	2.0	±0.20
THS-1830-330	R2SHS-1830-3300UG	18.3	0/+0.5	330	0/+5	9.0	0/-0.3	2.0	±0.20
THS-1930-330	R2SHS-1930-3300UG	19.3	0/+0.5	330	0/+5	9.0	0/-0.3	2.0	±0.20
THS-2030-330	R2SHS-2030-3300UG	20.3	0/+0.5	330	0/+5	10.0	0/-0.4	2.5	±0.30



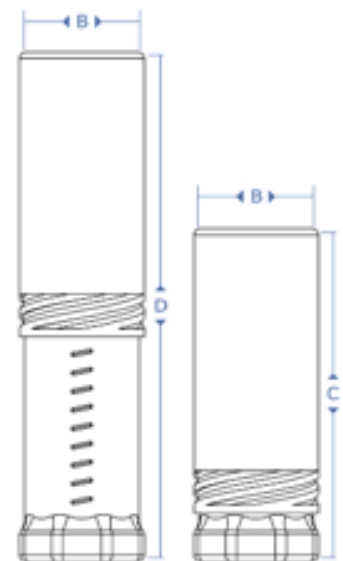
**WE PROVIDE ANY
PREFORM TYPE**

PROVEEMOS CUALQUIER TIPO DE PRE FORMA

ROUND TELESCOPIC PACK



ITEM	CODE	DIA MM (B)	LENGHT MM (D & C)
THS16080	QP 16 080	16	80-120
THS22080	QP 22 080	22	80-120
THS14080	QP 14 080	14	80-120
THS14080	QP 14 050	14	50-80
THS20080	QP 20 080	20	80-120
THS8080	QP 8 050	8	50-80
THS10080	QP 10 050	10	50-80
THS20080	QP 20 050	20	50-80
THS10080	QP 10 080	10	80-120
THS8080	QP 8 080	8	80-120
THS16080	QP 16 050	16	50-80
THS22080	QP 22 050	22	50-80
THS14080	QP 14 120	14	120-200
THS22080	QP 22 200	22	200-350
THS20080	QP 20 200	20	200-350
THS10080	QP 10 200	10	200-350
THS14080	QP 14 200	14	200-350
THS16080	QP 16 200	16	200-350
THS16080	QP 16 120	16	120-200
THS20080	QP 20 120	20	120-200
THS22080	QP 22 120	22	120-200
THS8080	QP 8 120	8	120-200
THS26080	QP 26 120	26	120-200
THS26080	QP 26 080	26	80-120
THS32080	QP 32 050	32	50-80
THS32080	QP 32 200	32	200-350
THS26080	QP 26 200	26	200-350
THS10080	QP 10 120	10	120-200
THS32080	QP 32 080	32	80-120
THS32080	QP 32 120	32	120-200

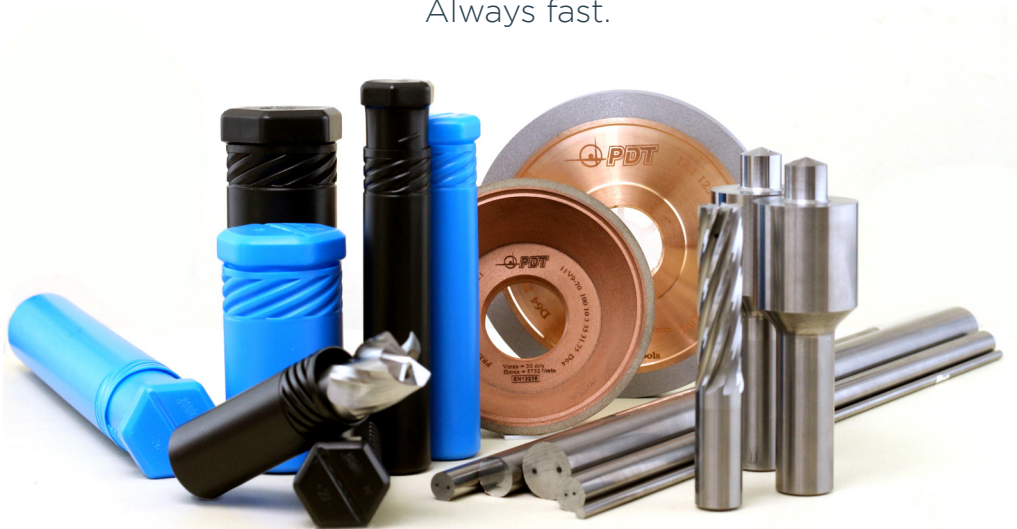




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