

HP+ SPIRALS

Because good wasn't good enough

Product



LEUCO



Tungsten Carbide (HM)

MAN / MECH

Machine / Application

- | CNC Routers
- | sizing, jointing, grooving and dividing in raw and laminated panel materials
- | for cutting of openings and contours
- | traveling plunge cut using Z and X or Y axis

Design

- | n max 30,000 min-1
- | solid carbide
- | helix angle: 30°
- | end point type: endmill
- | multiple shear configurations available to best suit the application

Advantages

- | maximum edgelifetime thanks to superior, ultra hard carbide
- | high rates of feed and best quality thanks to helical geometry

Notes

- | improve performance by using precision clamping systems like: HeatSync, PS-System and Sino.
- | also suited for use in mechanical draw-in collet chucks

COMPRESSION SPIRALS (MM)

OD	CEL (total)	CEL (up-cut)	SHK OD	OAL	Z	Rotation	Type	Ident-No.	Stock
5mm	25mm	8mm	6mm	80mm	2+2	RH	Compression	80506045	
6mm	25mm	8mm	6mm	80mm	2+2	RH	Compression	80506046	
8mm	25mm	8mm	8mm	80mm	2+2	RH	Compression	80506047	
10mm	22mm	10mm	10mm	75mm	3+3	RH	Compression	80499332	
10mm	22mm	10mm	10mm	80mm	2+2	RH	Compression	80504455	
10mm	22mm	10mm	10mm	80mm	3+3	RH	Compression	80504456	
10mm	28mm	10mm	10mm	80mm	3+3	RH	Compression	80504457	
10mm	32mm	10mm	10mm	90mm	2+2	RH	Compression	80504458	
12mm	28mm	10mm	12mm	90mm	2+2	RH	Compression	80506696	

COMPRESSION SPIRALS (INCH)

3/8"	1 - 1/8"	.375"	3/8"	3"	2+2	RH	Compression	80498760	S
1/2"	1 - 1/4"	.375"	1/2"	3 - 1/2"	3+3	RH	Compression	80507806	
1/2"	1 - 1/8"	.375"	1/2"	3 - 1/2"	2+2	RH	Compression	80507807	
1/2"	1 - 3/8"	.640"	1/2"	3 - 1/2"	2+2	RH	Compression	80498762	S
1/2"	1 - 3/8"	11mm	1/2"	3 - 1/2"	2+2	RH	Compression	80507808	
1/2"	45mm	.640"	1/2"	4"	2+2	RH	Compression	80504608	



HP+ SPIRALS

MORTISE COMPRESSION SPIRALS

OD	CEL (total)	CEL (up-cut)	SHK OD	OAL	Z	Rotation	Type	Ident-No.	Stock
1/4"	7/8"	.250"	1/4"	2 - 1/2"	2+2	RH	Mortise Compression	80507805	S
3/8"	1 - 1/8"	.240"	3/8"	3"	2+2	RH	Mortise Compression	80504596	S
3/8"	1 - 1/8"	.200"	3/8"	3"	2+2	RH	Mortise Compression	80498759	S
3/8"	1 - 1/8"	.200"	3/8"	3 - 1/2"	2+2	RH	Mortise Compression	80487924	S
3/8"	1 - 1/8"	.200"	3/8"	3 - 1/2"	3+3	RH	Mortise Compression	80497158	
3/8"	1 - 1/8"	.188"	3/8"	3"	2+2	RH	Mortise Compression	80497015	
3/8"	1 - 1/8"	.185"	3/8"	3"	2+2	RH	Mortise Compression	80497014	
1/2"	1 - 3/8"	.200"	1/2"	3 - 1/2"	2+2	RH	Mortise Compression	80493378	S
1/2"	1 - 3/8"	.200"	1/2"	3 - 1/2"	3+3	RH	Mortise Compression	80497159	S
1/2"	1 - 5/8"	.200"	1/2"	3 - 1/2"	2+2	RH	Mortise Compression	80508520	
1/2"	45mm	.200"	1/2"	4"	2+2	RH	Mortise Compression	80504609	

DOWNCUT SPIRALS

OD	CEL (total)	CEL (up-cut)	SHK OD	OAL	Z	Rotation	Type	Ident-No.	Stock
1/4"	7/8"	N/A	1/4"	2 - 1/2"	2"	RH	Downcut	80499369	S
3/8"	1"	N/A	3/8"	3"	2"	RH	Downcut	80498761	S
1/2"	1 - 1/2"	N/A	1/2"	3 - 1/2"	2"	RH	Downcut	80498763	S

05/2026

