

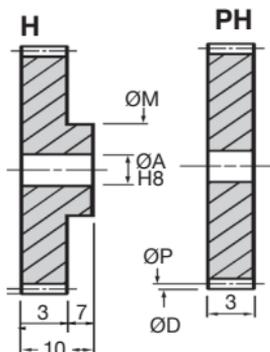
## Steel

## Module 0.4

- Power transferred through 90°
- Teeth are angled at 45° to the right (RH)
- Pressure angle 20°
- Material: Steel 20NCD2

### Info.

**Important:** A helical gear with a 45°RH angle meshes with a second identically angled gear



### Torque and power indication

For 50 teeth at 1000 rpm

	20NCD2 Z10CNF18.09	20NCD2 hardened
Nm	0,056	0,375
kW	0,006	0,039

### DISCOUNTS

Qty	1+	6+	20+	40+
Disc.	List -12%	-25%	On request	

Part number	Z Teeth	ØP PCD	ØD External	ØM Boss	ØA Bore	Price each 1 to 5 H	PH
H0.4-20	20	11,31	12,11	8,00	3	25,13 €	On request
H0.4-25	25	14,14	14,94	8,00	3	25,79 €	
H0.4-26	26	14,71	15,51	8,00	3	25,96 €	
H0.4-30	30	16,97	17,77	12,00	3	27,01 €	
H0.4-35	35	19,80	20,60	12,00	3	28,26 €	
H0.4-36	36	20,36	21,16	12,00	3	28,44 €	
H0.4-40	40	22,63	23,43	12,00	4	29,57 €	
H0.4-46	46	26,02	26,82	12,00	4	32,01 €	
H0.4-50	50	28,28	29,08	12,00	4	32,39 €	
H0.4-55	55	31,11	31,91	12,00	4	32,85 €	
H0.4-56	56	31,68	32,48	12,00	4	32,85 €	
H0.4-60	60	33,94	34,74	12,00	4	33,66 €	
H0.4-65	65	36,77	37,57	12,00	4	35,36 €	
H0.4-68	68	38,47	39,27	12,00	4	35,93 €	
H0.4-70	70	39,60	40,40	12,00	4	36,70 €	
H0.4-75	75	42,43	43,23	12,00	4	38,45 €	
H0.4-80	80	45,25	46,05	12,00	5	38,72 €	
H0.4-86	86	48,65	49,45	12,00	5	40,16 €	
H0.4-90	90	50,91	51,71	12,00	5	45,40 €	
H0.4-100	100	56,57	57,37	12,00	5	49,45 €	
H0.4-120	120	67,88	68,68	12,00	5	57,80 €	



**Gears available up to this size**

H0.4-246 246

Dimensions: contact us

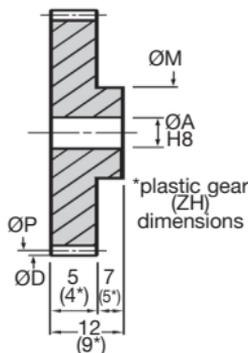
Dimensions in mm

# 90° crossed axis helical gear DelSte 90°

## Module 0,5 Steel or machined Delrin

Torque and power indication			
For 50 teeth at 1000 rpm			
	20NCD2 Z10CNF18.09	20NCD2 hardened	delrin
Nm	0,127	0,705	0,03
kW	0,011	0,074	-

- Power transferred through 90°
- Teeth are angled at 45° to the right (RH)
- Pressure angle 20°
- Material: Steel 20NCD2 or delrin plastic



### Info.

**Important:** A helical gear with a 45° RH angle meshes with a second identically angled gear

### DISCOUNTS Steel

Qty	1+	6+	20+	40+
Disc.	List	-12%	-25%	On request

### DISCOUNTS Delrin

Qty	1+	6+	30+
Disc.	List	-22%	On request

Part number	Z	ØP	ØD	ØM	Boss	ØA	Bore	Price each	1 to 5
Steel	Delrin	Teeth	PCD	External	ZH	H	ZH	H	ZH
H0.5-14	ZH0.5-14	14	9,90	10,90	8,50	10	4	3	28,44 €
H0.5-15	ZH0.5-15	15	10,61	11,61	8,50	10	4	3	29,03 €
H0.5-20	ZH0.5-20	20	14,14	15,14	10,00	10	5	3	31,31 €
H0.5-25	ZH0.5-25	25	17,68	18,68	10,00	14	5	4	33,66 €
H0.5-26	ZH0.5-26	26	18,38	19,38	10,00	14	5	4	34,03 €
H0.5-30	ZH0.5-30	30	21,21	22,21	10,00	14	5	4	36,07 €
H0.5-35	ZH0.5-35	35	24,75	25,75	10,00	14	5	4	38,72 €
H0.5-36	ZH0.5-36	36	25,46	26,46	10,00	14	5	4	38,94 €
H0.5-40	ZH0.5-40	40	28,28	29,28	10,00	14	5	4	40,52 €
H0.5-46	ZH0.5-46	46	35,53	33,53	10,00	16	5	4	42,94 €
H0.5-50	ZH0.5-50	50	35,36	36,36	12,00	16	6	5	43,93 €
H0.5-56	ZH0.5-56	56	39,60	40,60	12,00	16	6	5	45,18 €
H0.5-60	ZH0.5-60	60	42,43	43,43	12,00	16	6	5	46,13 €
H0.5-64	ZH0.5-64	64	45,25	46,25	12,00	16	6	5	47,45 €
H0.5-70	ZH0.5-70	70	49,50	50,50	12,00	16	6	5	47,60 €
H0.5-75	ZH0.5-75	75	53,03	54,03	12,00	16	6	5	57,64 €
H0.5-80	ZH0.5-80	80	56,57	57,57	12,00	16	6	5	57,64 €
H0.5-90	ZH0.5-90	90	63,64	64,64	12,00	18	6	6	68,90 €
H0.5-100	ZH0.5-100	100	70,71	71,71	16,00	18	6	6	76,14 €
H0.5-120	ZH0.5-120	120	84,85	85,85	20,00	18	8	8	84,73 €
H0.5-140	-	140	98,99	99,99	20,00	-	8	-	92,55 €
H0.5-150	-	150	106,07	107,07	20,00	-	10	-	100,90 €
H0.5-180	-	180	127,26	128,28	20,00	-	10	-	113,14 €

On request

H0.5-196	ZH0.5-196	196	Gears available up to this size						
Dimensions in mm			Dimensions: contact us						

## Steel

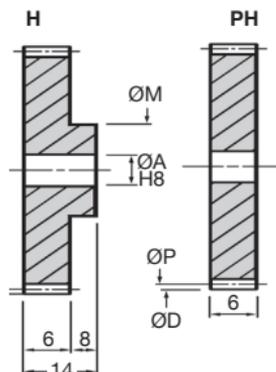
## Module 0,7

Torque and power indication		
For 50 teeth at 1000 rpm		
	20NCD2 Z10CNF18.09	20NCD2 hardened
Nm	<b>0,272</b>	1,791
kW	<b>0,028</b>	0,188

- Power transferred through 90°
- Teeth are angled at 45° to the right (RH)
- Pressure angle 20°
- Material: Steel 20NCD2

### Info.

**Important:** A helical gear with a 45° RH angle meshes with a second identically angled gear



### DISCOUNTS

Qty	1+	6+	20+	40+
Disc.	List -12%	-25%	On request	

Part number	Z Teeth	ØP PCD	ØD External	ØM Boss	ØA Bore	Price each 1 to 5	H	PH
H0.7-9	9	8,91	10,31	10,31	4	29,70 €		
H0.7-10	10	9,90	11,30	11,30	4	31,01 €		
H0.7-15	15	14,85	16,25	12,00	5	34,92 €		
H0.7-16	16	15,84	17,24	12,00	5	35,32 €		
H0.7-18	18	17,82	19,22	12,00	5	36,32 €		
H0.7-20	20	19,80	21,20	12,00	5	37,09 €		
H0.7-25	25	24,75	26,15	12,00	5	37,83 €		
H0.7-26	26	25,74	27,14	12,00	5	37,90 €		
H0.7-30	30	29,70	31,10	16,00	6	38,49 €		
H0.7-35	35	34,65	36,05	16,00	6	39,54 €		
H0.7-36	36	35,64	37,04	16,00	6	39,65 €		
H0.7-40	40	39,60	41,00	16,00	6	40,63 €		
H0.7-46	46	45,54	46,94	16,00	6	42,42 €		
H0.7-50	50	49,50	50,90	16,00	6	44,41 €		
H0.7-55	55	54,45	55,85	16,00	6	45,95 €		
H0.7-56	56	55,44	56,84	16,00	6	45,95 €		
H0.7-60	60	59,40	60,80	16,00	6	48,92 €		
H0.7-66	66	65,34	66,74	16,00	6	58,04 €		
H0.7-70	70	69,30	70,70	20,00	8	61,53 €		
H0.7-75	75	74,25	75,65	20,00	8	70,07 €		
H0.7-80	80	79,20	80,60	20,00	8	84,14 €		
H0.7-90	90	89,10	90,50	20,00	8	88,01 €		
H0.7-100	100	98,99	100,39	20,00	10	103,96 €		
H0.7-120	120	118,97	120,19	20,00	10	119,68 €		
↓ Gears available up to this size								
H0.7-140	140	138,59	139,99	30,00	12			

Dimensions in mm

On request

## Module

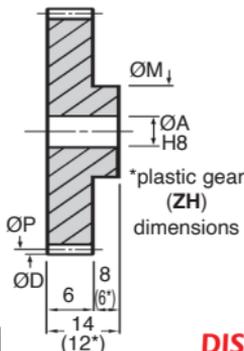
Steel or **machined** Delrin

# 0.8

- Power transferred through 90°
- Teeth are angled at 45° to the right (RH)
- Pressure angle 20°
- Material: Steel 20NCD2 or Delrin plastic

### Info.

**Important:** A helical gear with a 45° RH angle meshes with a second identically angled gear.



Torque and power indication			
For 50 teeth at 1000 rpm			
	20NCD2 Z10CNF18.09	20NCD2 hardened	Delrin
Nm	<b>0.395</b>	2.596	0.10
kW	<b>0.041</b>	0.272	-

### DISCOUNTS Steel

Qty	1+	6+	20+	40+
Disc. List	-12%	-25%	On request	

### DISCOUNTS Delrin

Qty	1+	6+	30+
Disc. List	-22%	On request	

Part number	Z	ØP	ØD	ØM	Boss	ØA	Bore	Price each 1 to 5		
								H	ZH	
Steel	Delrin	Teeth	PCD	External	H	ZH	H	ZH	H	ZH
H0.8-9	-	9	11,31	12,91	9	-	5	-	29,70 €	-
H0.8-10	-	10	11,31	12,91	9	-	5	-	31,01 €	-
H0.8-15	ZH0.8-15	15	16,97	18,57	12	14	5	4	34,92 €	17,15 €
H0.8-16	ZH0.8-16	16	18,10	19,70	12	14	5	4	35,32 €	17,15 €
H0.8-20	ZH0.8-20	20	22,63	24,23	12	14	5	4	37,08 €	17,94 €
H0.8-25	ZH0.8-25	25	28,28	29,88	16	16	6	5	37,83 €	18,80 €
H0.8-26	ZH0.8-26	26	29,42	31,02	16	16	6	5	37,90 €	18,80 €
H0.8-30	ZH0.8-30	30	33,94	35,44	16	16	6	5	38,49 €	21,15 €
H0.8-35	ZH0.8-35	35	39,60	41,20	16	16	6	5	39,23 €	21,56 €
H0.8-36	ZH0.8-36	36	40,73	42,33	16	16	6	5	39,53 €	21,73 €
H0.8-40	ZH0.8-40	40	45,25	46,85	16	16	6	5	40,52 €	25,13 €
H0.8-45	ZH0.8-45	45	50,91	52,51	16	16	6	5	41,71 €	31,15 €
H0.8-50	ZH0.8-50	50	56,57	58,17	16	16	6	5	44,96 €	31,81 €
H0.8-56	ZH0.8-56	56	63,36	64,96	16	16	6	5	49,33 €	38,72 €
H0.8-60	ZH0.8-60	60	67,88	69,48	20	18	8	6	51,18 €	39,25 €
H0.8-66	ZH0.8-66	66	74,67	76,27	20	18	8	6	55,04 €	41,49 €
H0.8-70	ZH0.8-70	70	79,20	80,80	20	18	8	8	57,53 €	46,15 €
H0.8-76	ZH0.8-76	76	75,24	76,64	20	18	8	8	61,53 €	65,15 €
H0.8-80	ZH0.8-80	80	90,51	92,11	20	18	8	8	70,07 €	71,67 €
H0.8-86	ZH0.8-86	86	97,30	98,90	20	18	8	6	84,14 €	55,93 €
H0.8-90	ZH0.8-90	90	101,82	103,42	20	20	10	10	86,82 €	95,25 €
H0.8-100	ZH0.8-100	100	113,14	114,74	20	20	10	10	106,07 €	95,25 €
H0.8-112	-	112	126,71	128,31	30	-	12	-	134,75 €	-
H0.8-120	-	120	135,76	137,36	30	-	12	-	134,75 €	-
<b>Gears available up to this size</b>										
H0.8-122	ZH0.8-122	122	Dimensions: contact us							

Dimensions in mm

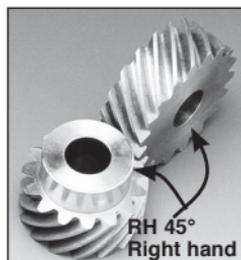
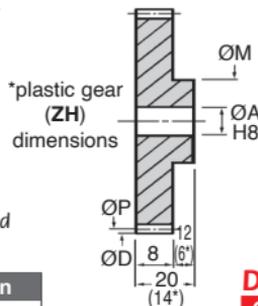
Steel or machined Delrin

## Module 1.0

- Power transferred through 90°
- Teeth are angled at 45° to the right (RH)
- Pressure angle 20°
- Material: Steel 20NCD2 or Delrin plastic

### Info.

**Important:** A helical gear with a 45° RH angle meshes with a second identically angled gear.



Torque and power indication			
For 50 teeth at 1000 rpm			
	20NCD2 Z10CNF18.09	20NCD2 hardened	Delrin
Nm	<b>0.747</b>	4.908	0.18
kW	<b>0.078</b>	0.518	-

### DISCOUNTS Steel

Qty	1+	6+	20+	40+
Disc.	List	-12%	-25%	On request

### DISCOUNTS Delrin

Qty	1+	6+	30+
Disc.	List	-22%	On request

Part number		Z	ØP	ØD	ØM	Bore	ØA	Bore	Price each 1 to 5	
Steel	Delrin	Teeth	PCD	External	H	ZH	H	ZH	H	ZH
H1-9	ZH1-9	9	14,14	16,14	11	12	6	4	138,48 €	13,14 €
H1-10	ZH1-10	10	14,14	16,14	11	12	6	4	27,17 €	13,53 €
H1-15	ZH1-15	15	21,21	23,21	15	18	6	6	30,67 €	15,37 €
H1-16	ZH1-16	16	22,63	24,63	15	18	6	6	30,87 €	15,37 €
H1-20	ZH1-20	20	28,28	30,28	15	18	6	6	35,87 €	19,71 €
H1-25	ZH1-25	25	35,36	37,36	20	18	8	6	39,10 €	21,56 €
H1-26	ZH1-26	26	36,77	38,77	20	18	8	6	39,59 €	21,80 €
H1-30	ZH1-30	30	42,43	44,43	20	18	8	6	42,25 €	26,64 €
H1-35	ZH1-35	35	49,50	51,50	20	18	8	6	47,45 €	35,78 €
H1-36	ZH1-36	36	50,91	52,91	20	22	8	8	48,08 €	36,21 €
H1-40	ZH1-40	40	56,57	58,57	20	22	8	8	51,76 €	39,13 €
H1-46	ZH1-46	46	65,05	67,05	20	22	8	8	60,56 €	51,93 €
H1-50	ZH1-50	50	70,71	72,71	25	22	10	8	65,03 €	55,77 €
H1-56	ZH1-56	56	79,20	81,20	25	22	10	8	71,93 €	65,23 €
H1-60	ZH1-60	60	84,85	86,85	25	22	10	8	74,57 €	67,68 €
H1-66	ZH1-66	66	93,34	95,34	25	26	10	8	85,09 €	85,87 €
H1-70	ZH1-70	70	98,99	100,99	25	26	10	10	86,29 €	95,91 €
H1-76	ZH1-76	76	107,48	109,45	25	26	10	10	107,93 €	105,84 €
H1-80	ZH1-80	80	113,14	115,14	25	26	10	10	122,04 €	130,30 €
H1-84	ZH1-84	84	118,79	120,79	25	26	10	12	122,04 €	130,30 €
H1-90	ZH1-90	90	127,28	129,28	30	30	12	12	138,48 €	130,30 €
H1-100	ZH1-100	100	141,42	143,42	30	30	12	12	162,46 €	190,57 €
H1-120	-	120	169,71	171,71	40	-	15	-	186,39 €	-
H1-130	-	130	183,85	185,85	50	-	20	-	204,39 €	-
H1-150	-	150	212,13	214,13	50	-	20	-	234,53 €	-
↓                      ↓		<b>Gears available up to this size</b>								
H1-420	ZH1-420	420	Dimensions: contact us							

Dimensions in mm

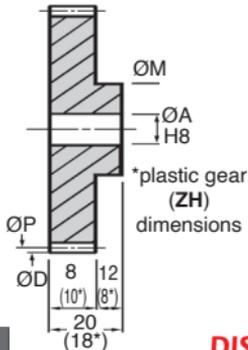
# 90° crossed axis helical gear Del Ste 90°

## Module 1.25 Steel or machined Delrin

- Power transferred through 90°
- Teeth are angled at 45° to the right (RH)
- Pressure angle 20°
- Material: Steel 20NCD2 or Delrin plastic

### Info.

**Important:** A helical gear with a 45° RH angle meshes with a second identically angled gear.



Torque and power indication			
For 50 teeth at 1000 rpm			
	20NCD2 Z10CNF18.09	20NCD2 hardened	Delrin
Nm	1.386	9.108	0.4
kW	0.145	0.954	-

**DISCOUNTS Steel**

Qty	1+	6+	20+	40+
Disc.	List -12%	-25%	On request	

**DISCOUNTS Delrin**

Qty	1+	6+	30+
Disc.	List -22%	On request	

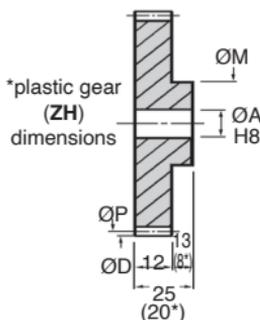
Part number		Z	ØP	ØD	ØM	Boss	ØA	Bore	Price each 1 to 5	
Steel	Delrin	Teeth	PCD	External	H	ZH	H	ZH	H	ZH
H1.25-10	ZH1.25-10	10	17,68	20,18	15	15	6	5	36,19 €	18,10 €
H1.25-16	ZH1.25-16	16	28,28	30,78	20	18	8	6	42,90 €	23,71 €
H1.25-17	ZH1.25-17	17	30,05	32,55	20	18	8	6	44,59 €	24,55 €
H1.25-20	ZH1.25-20	20	35,36	37,86	20	18	8	9	49,41 €	27,25 €
H1.25-22	ZH1.25-22	22	38,89	41,39	20	18	8	9	53,16 €	33,41 €
H1.25-25	ZH1.25-25	25	44,19	46,69	20	18	8	9	57,12 €	45,92 €
H1.25-28	ZH1.25-28	28	49,50	52,00	20	22	8	8	59,13 €	44,67 €
H1.25-30	ZH1.25-30	30	53,03	55,53	20	22	8	8	60,06 €	45,36 €
H1.25-32	ZH1.25-32	32	56,57	59,07	20	22	8	8	60,72 €	45,92 €
H1.25-33	ZH1.25-33	33	58,34	60,84	20	22	8	8	61,10 €	52,42 €
H1.25-36	ZH1.25-36	36	63,64	66,14	20	22	8	8	63,79 €	54,71 €
H1.25-40	ZH1.25-40	40	70,71	73,21	25	26	10	10	71,99 €	61,63 €
H1.25-45	ZH1.25-45	45	79,55	82,05	25	26	10	10	79,66 €	72,25 €
H1.25-50	ZH1.25-50	50	88,39	90,89	25	26	10	10	85,75 €	86,59 €
H1.25-56	ZH1.25-56	56	98,99	101,49	25	26	10	10	97,29 €	109,02 €
H1.25-60	ZH1.25-60	60	106,07	108,57	25	30	10	10	107,86 €	120,13 €
H1.25-66	ZH1.25-66	66	116,67	119,17	25	30	10	10	131,07 €	154,27 €
H1.25-70	ZH1.25-70	70	123,74	126,24	25	30	12	10	136,61 €	156,37 €
H1.25-76	-	76	134,35	136,85	25	-	12	-	148,53 €	-
H1.25-80	-	80	141,42	143,92	25	-	12	-	153,08 €	-
H1.25-84	ZH1.25-84	84	148,49	150,99	30	30	15	15	161,86 €	228,73 €
H1.25-90	ZH1.25-90	90	159,10	161,60	30	30	15	15	168,59 €	277,59 €
H1.25-96	-	96	169,71	172,21	30	-	15	-	181,41 €	-
↓ ↓		<b>Gears available up to this size</b>								
H1.25-100		100	176,78	179,28	30	-	15	-		

Dimensions in mm

- Power transferred through 90°
- Teeth are angled at 45° to the right (RH)
- Pressure angle 20°
- Material: Steel 20NCD2 or Delrin plastic

### Info.

**Important:** A helical gear with a 45° RH angle meshes with a second identically angled gear.



Torque and power indication			
For 50 teeth at 1000 rpm			
	20NCD2 Z10CNF18.09	20NCD2 hardened	Delrin
Nm	2.32	15.28	0.7
kW	0.24	1.60	-

### DISCOUNTS Steel

Qty	1+	6+	20+	40+
Disc.	List -12%	-25%	On request	

### DISCOUNTS Delrin

Qty	1+	6+	30+
Disc.	List -22%	On request	

Part number		Z	ØP	ØD	ØM Boss	ØA Bore	Price each 1 to 5			
Steel	Delrin	Teeth	PCD	External	H	ZH	H	ZH		
H1.5-10	ZH1.5-10	10	21,21	24,21	17	20	8	8	34,52 € 17,26 €	
H1.5-14	ZH1.5-14	14	29,70	32,70	20	25	10	8	40,99 € 22,67 €	
H1.5-15	ZH1.5-15	15	31,82	34,82	20	25	10	8	42,43 € 23,02 €	
H1.5-16	ZH1.5-16	16	33,94	36,94	25	25	12	8	43,56 € 23,51 €	
H1.5-20	ZH1.5-20	20	42,43	45,43	30	25	15	8	51,06 € 32,23 €	
H1.5-22	ZH1.5-22	22	46,67	49,67	30	28	15	10	54,41 € 34,27 €	
H1.5-25	ZH1.5-25	25	53,03	56,03	40	28	15	10	58,88 € 44,42 €	
H1.5-26	ZH1.5-26	26	55,15	58,15	40	28	15	10	60,17 € 45,54 €	
H1.5-28	ZH1.5-28	28	59,40	62,40	40	30	15	12	64,10 € 48,48 €	
H1.5-30	ZH1.5-30	30	63,64	66,64	40	30	15	12	64,24 € 55,07 €	
H1.5-32	ZH1.5-32	32	67,88	70,88	40	30	15	12	67,06 € 57,39 €	
H1.5-35	ZH1.5-35	35	74,25	77,25	40	30	15	12	78,33 € 67,14 €	
H1.5-36	ZH1.5-36	36	76,37	79,37	40	36	15	12	80,71 € 73,17 €	
H1.5-40	ZH1.5-40	40	84,85	87,85	40	36	15	12	85,79 € 77,97 €	
H1.5-46	ZH1.5-46	46	97,58	100,58	40	36	15	12	95,52 € 105,95 €	
H1.5-50	ZH1.5-50	50	106,07	109,07	40	48	15	12	103,96 € 115,41 €	
H1.5-56	ZH1.5-56	56	118,79	121,79	40	48	15	12	124,63 € 151,15 €	
H1.5-60	ZH1.5-60	60	127,28	130,28	40	48	15	12	141,76 € 162,19 €	
H1.5-65	ZH1.5-65	65	137,89	140,89	40	48	15	12	156,78 € 201,27 €	
H1.5-70	ZH1.5-70	70	148,49	151,49	40	48	15	15	182,01 € 227,69 €	
H1.5-80	-	80	169,71	172,71	40	-	15	-	230,54 € -	
↓ ↓		<b>Gears available up to this size</b>								
H1.5-83	ZH1.5-83	83	Dimensions: contact us							

Dimensions in mm

# 90° crossed axis helical gear Del Ste 90°

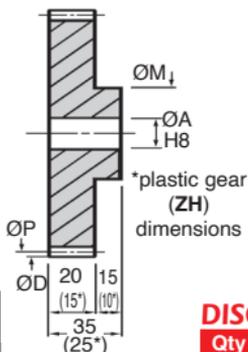
## Module 2.0

Steel or machined Delrin

- Power transferred through 90°
- Teeth are angled at 45° to the right (RH)
- Pressure angle 20°
- Material: Steel 20NCD2 or Delrin plastic

### Info.

**Important:** A helical gear with a 45° RH angle meshes with a second identically angled gear.



### Torque and power indication

For 50 teeth at 1000 rpm			
	20NCD2 Z10CNF18.09	20NCD2 hardened	Delrin
Nm	5.20	34.18	1.5
kW	0.54	3.58	-

### DISCOUNTS Steel

Qty	1+	6+	20+	40+
Disc. List	-12%	-25%	On request	

### DISCOUNTS Delrin

Qty	1+	6+	30+
Disc. List	-22%	On request	

Part number		Z	ØP	ØD	ØM Boss	ØA Bore	Price each 1 to 5			
Steel	Delrin	Teeth	PCD	External	ZH	H	ZH	H		
H2-10	ZH2-10	10	28,28	32,28	22	25	12	51,15 €	28,26 €	
H2-15	ZH2-15	15	42,43	46,43	30	30	15	61,53 €	46,54 €	
H2-16	ZH2-16	16	45,25	49,25	30	30	15	62,78 €	47,45 €	
H2-20	ZH2-20	20	56,57	59,57	40	35	20	73,92 €	63,41 €	
H2-25	ZH2-25	25	70,71	74,71	50	35	20	98,08 €	89,02 €	
H2-26	ZH2-26	26	73,54	77,54	50	45	20	99,30 €	90,30 €	
H2-30	ZH2-30	30	84,85	88,85	50	45	20	110,82 €	111,92 €	
H2-35	ZH2-35	35	98,99	102,99	50	45	20	131,70 €	146,57 €	
H2-36	ZH2-36	36	101,82	105,82	50	45	20	134,29 €	149,60 €	
H2-40	ZH2-40	40	113,14	117,14	50	45	20	160,69 €	178,75 €	
H2-45	ZH2-45	45	127,28	131,28	50	60	20	184,40 €	223,96 €	
H2-46	ZH2-46	46	130,11	134,11	50	60	20	187,50 €	227,69 €	
H2-50	ZH2-50	50	141,42	145,42	50	60	20	205,94 €	295,45 €	
H2-55	ZH2-55	55	155,56	159,56	50	60	20	266,42 €	358,57 €	
H2-60	ZH2-60	60	169,71	173,71	50	60	20	314,48 €	416,69 €	
H2-65	ZH2-65	65	183,85	187,85	50	60	20	373,64 €	491,74 €	
H2-70	ZH2-70	70	197,99	201,99	50	60	20	433,99 €	820,84 €	
H2-76	-	76	214,96	218,96	50	-	20	480,89 €	-	
H2-86	-	86	243,24	247,24	50	-	20	595,53 €	-	
H2-90	-	90	254,56	258,56	50	-	20	703,92 €	-	
H2-96	-	96	271,53	275,53	50	-	20	776,55 €	-	
H2-100	-	100	282,84	286,84	50	-	20	864,34 €	-	
H2-110	-	110	311,13	315,13	50	-	20	972,39 €	-	
H2-120	-	120	339,41	343,41	50	-	20	1 058,53 €	-	
↓ ↓		<b>Gears available up to this size</b>								
H2-210	ZH2-210	210	Dimensions: contact us							

Dimensions in mm

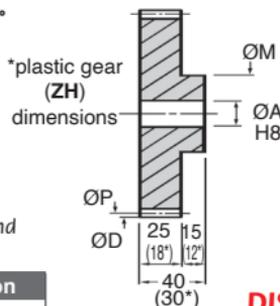
Steel or **machined** Delrin

## Module 2.5

- Power transferred through 90°
- Teeth are angled at 45° to the right (RH)
- Pressure angle 20°
- Material: Steel 20NCD2 or delrin plastic

### Info.

**Important:** A helical gear with a 45° RH angle meshes with a second identically angled gear.



### Torque and power indication

For 50 teeth at 1000 rpm

	20NCD2 Z10CNF18.09	20NCD2 hardened	Delrin
Nm	9.71	63.84	3.0
kW	1.02	6.69	-

### DISCOUNTS Steel

Qty	1+	6+	20+	40+
Disc.	List	-12%	-25%	On request

### DISCOUNTS Delrin

Qty	1+	6+	30+
Disc.	List	-22%	On request

Part number		Z	ØP	ØD	ØM	Boss	ØA	Bore	Price each 1 to 5	
Steel	Delrin	Teeth	PCD	External	H	ZH	H	ZH	H	ZH
H2.5-10	ZH2.5-10	10	35,36	40,36	28	30	15	12	67,95 €	37,58 €
H2.5-12	ZH2.5-12	12	42,43	47,43	30	30	15	12	73,40 €	46,15 €
H2.5-15	ZH2.5-15	15	53,03	58,03	40	36	20	12	85,79 €	64,94 €
H2.5-17	ZH2.5-17	17	60,10	65,10	40	45	20	12	95,45 €	81,76 €
H2.5-20	ZH2.5-20	20	70,71	75,71	50	45	20	15	108,53 €	92,99 €
H2.5-22	ZH2.5-22	22	77,78	82,78	50	45	20	15	119,06 €	107,98 €
H2.5-25	ZH2.5-25	25	88,39	93,39	50	50	20	15	132,98 €	120,76 €
H2.5-30	ZH2.5-30	30	106,07	111,07	50	50	20	17	155,26 €	172,63 €
H2.5-32	ZH2.5-32	32	113,14	118,14	50	50	20	17	166,29 €	184,53 €
H2.5-35	ZH2.5-35	35	123,74	128,74	50	65	20	17	179,28 €	217,78 €
H2.5-40	ZH2.5-40	40	141,42	146,42	50	65	20	20	214,19 €	281,01 €
H2.5-42	ZH2.5-42	42	148,49	153,49	50	65	20	20	217,76 €	285,69 €
H2.5-45	ZH2.5-45	45	159,10	164,10	50	65	20	20	278,20 €	416,48 €
H2.5-46	ZH2.5-46	46	162,63	167,63	50	65	20	20	278,20 €	483,94 €
H2.5-50	ZH2.5-50	50	176,78	181,78	50	65	20	20	385,19 €	584,80 €
H2.5-55	ZH2.5-55	55	194,45	199,45	50	65	20	20	482,58 €	601,28 €
H2.5-56	-	56	197,99	202,99	50	-	20	-	491,20 €	-
H2.5-60	-	60	212,13	217,13	50	-	20	-	500,61 €	-
H2.5-66	-	66	233,35	238,35	50	-	20	-	589,48 €	-
H2.5-70	-	70	247,49	252,49	50	-	20	-	699,49 €	-
H2.5-76	-	76	268,70	273,70	50	-	20	-	805,40 €	-
H2.5-80	-	80	282,84	287,84	50	-	20	-	877,30 €	-
H2.5-90	-	90	318,20	323,20	50	-	20	-	1 003,33 €	-
H2.5-96	-	96	339,41	344,41	50	-	20	-	1 068,50 €	-
H2.5-100	-	100	353,55	358,55	50	-	20	-	1 140,43 €	-

Gears available up to this size

H2.5-165	ZH2.5-165	165	Dimensions: contact us	
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Dimensions in mm

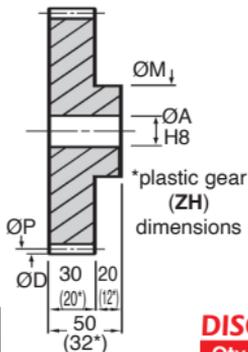
## Module 3.0

Steel or machined Delrin

- Power transferred through 90°
- Teeth are angled at 45° to the right (RH)
- Pressure angle 20°
- Material: Steel 20NCD2 or Delrin plastic

### Info.

**Important:** A helical gear with a 45° RH angle meshes with a second identically angled gear.



Torque and power indication			
For 50 teeth at 1000 rpm			
	20NCD2 Z10CNF18.09	20NCD2 hardened	Delrin
Nm	16.17	106.3	5.0
kW	1.69	11.17	-

### DISCOUNTS Steel

Qty	1+	6+	20+	40+
Disc. List	-12%	-25%	On request	

### DISCOUNTS Delrin

Qty	1+	6+	30+
Disc. List	-22%	On request	

Part number		Z	ØP	ØD	ØM	Boss	ØA	Bore	Price each 1 to 5	
Steel	Delrin	Teeth	PCD	External	H	ZH	H	ZH	H	ZH
H3-9	ZH3-9	9	42,43	48,43	34	36	20	15	76,41 €	42,90 €
H3-10	ZH3-10	10	42,43	48,43	34	40	20	15	82,20 €	51,85 €
H3-15	ZH3-15	15	63,64	69,64	50	48	25	15	111,04 €	95,25 €
H3-16	ZH3-16	16	67,88	73,88	50	48	25	15	114,52 €	98,21 €
H3-20	ZH3-20	20	84,85	90,85	60	60	25	20	144,65 €	131,33 €
H3-25	ZH3-25	25	106,07	112,07	60	60	25	20	193,48 €	201,17 €
H3-26	ZH3-26	26	110,31	116,31	60	60	25	20	197,20 €	219,40 €
H3-30	ZH3-30	30	127,28	133,28	60	60	25	20	232,28 €	280,19 €
H3-34	ZH3-34	34	144,25	150,25	60	60	25	20	324,20 €	362,22 €
H3-35	ZH3-35	35	148,49	154,49	60	60	25	20	336,45 €	362,22 €
H3-36	ZH3-36	36	152,74	158,74	60	60	25	20	348,14 €	439,62 €
H3-40	ZH3-40	40	169,71	175,71	60	80	25	20	414,61 €	510,82 €
H3-45	ZH3-45	45	190,92	196,92	60	80	25	20	492,54 €	634,68 €
H3-46	ZH3-46	46	195,16	201,16	60	80	25	20	530,50 €	1 006,20 €
H3-50	ZH3-50	50	212,13	218,13	60	80	25	20	591,40 €	1 006,20 €
H3-55	-	55	233,35	239,35	60	-	25	-	676,34 €	-
H3-56	-	56	237,59	243,59	60	-	25	-	710,76 €	-
H3-60	-	60	254,56	260,56	60	-	25	-	849,39 €	-
H3-65	-	65	275,77	281,77	60	-	25	-	964,50 €	-
H3-68	-	68	288,50	294,50	60	-	25	-	1 011,23 €	-
H3-70	-	70	296,98	302,98	60	-	25	-	1 041,82 €	-
H3-76	-	76	322,44	328,44	60	-	25	-	1 139,16 €	-
H3-80	-	80	339,41	345,41	60	-	25	-	1 231,70 €	-
H3-86	-	86	364,87	370,87	60	-	25	-	1 391,50 €	-
H3-90	-	90	381,84	387,84	60	-	25	-	1 490,39 €	-

### Gears available up to this size

H3-140	ZH3-140	140	Dimensions: contact us	
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Dimensions in mm

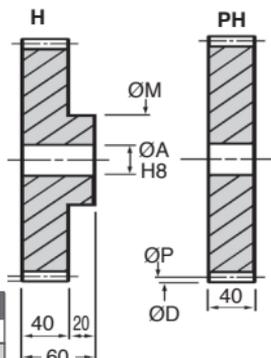
## Steel

## Module 4.0

- Power transferred through 90°
- Teeth are angled at 45° to the right (RH)
- Pressure angle 20°
- Material: Steel 20NCD2

### Info.

**Important:** A helical gear with a 45° RH angle meshes with a second identically angled gear.



### Torque and power indication

For 50 teeth at 1000 rpm

	20NCD2 Z10CNF18.09	20NCD2 hardened
Nm	<b>36.07</b>	237.1
kW	<b>3.78</b>	24.84

### DISCOUNTS

Qty	1+	6+	20+	40+
Disc.	List -12%	-25%	On request	

Part number	Z Teeth	OP PCD	ØD External	ØM Boss	ØA Bore	Price each 1 to 5	H PH
H4-10	10	56,57	64,57	45	25	137,89 €	
H4-12	12	67,88	75,88	50	25	155,37 €	
H4-15	15	84,85	92,85	50	25	193,48 €	
H4-16	16	90,51	98,51	80	30	197,29 €	
H4-18	18	101,82	109,82	80	30	217,76 €	
H4-20	20	113,14	121,14	80	30	244,25 €	
H4-22	22	124,45	132,45	80	30	285,44 €	
H4-25	25	141,42	149,42	80	30	375,04 €	
H4-26	26	147,08	155,08	80	30	397,63 €	
H4-28	28	158,39	166,39	80	30	440,41 €	
H4-30	30	169,71	177,71	80	30	507,11 €	
H4-32	32	181,02	189,02	80	30	530,04 €	
H4-35	35	197,99	205,99	80	30	566,34 €	
H4-36	36	203,65	211,65	80	30	580,24 €	
H4-38	38	214,96	222,96	80	30	635,64 €	
H4-40	40	226,27	234,27	80	30	747,74 €	
H4-42	42	237,59	245,59	80	30	817,00 €	
H4-45	45	254,56	262,56	80	30	1 026,84 €	
H4-46	46	260,22	268,22	80	30	1 106,62 €	
H4-48	48	271,53	279,53	80	30	1 179,91 €	
H4-50	50	282,84	290,84	80	30	1 306,88 €	
H4-55	55	311,13	319,13	80	30	1 704,44 €	
H4-56	56	316,78	324,78	80	30	1 803,29 €	
H4-58	58	328,10	336,10	80	30	1 976,23 €	
H4-60	60	339,41	347,41	80	30	2 058,49 €	

On request

**Gears available up to this size**

H4-100 100

Dimensions: contact us

Dimensions in mm