

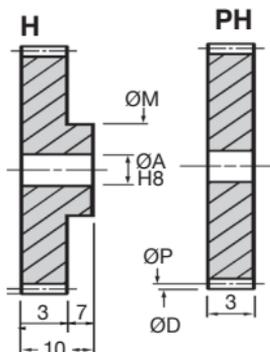
Steel

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

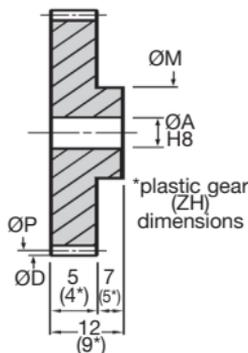
Dimensions: contact us

Dimensions in mm

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

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

Steel

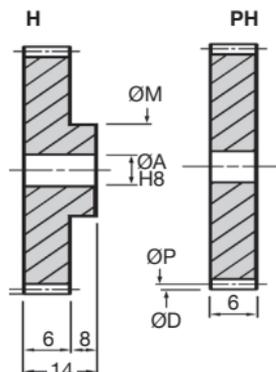
Module 0,7

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

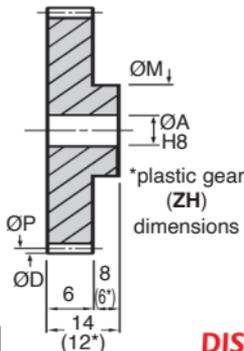
Steel or machined Delrin

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	0.395	2.596	0.10
kW	0.041	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	Steel	Delrin	Z Teeth	ØP PCD	ØD External	ØM H	Boss ZH	ØA H	Bore ZH	Price each 1 to 5	
										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 €	-
Gears available up to this size											
H0.8-122	-	ZH0.8-122	122			Dimensions: contact us					

Dimensions in mm

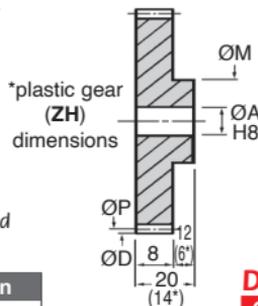
Steel or machined Delrin

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	0.747	4.908	0.18
kW	0.078	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 €	-
↓		Gears available up to this size								
H1-420	ZH1-420	420	Dimensions: contact us							

Dimensions in mm

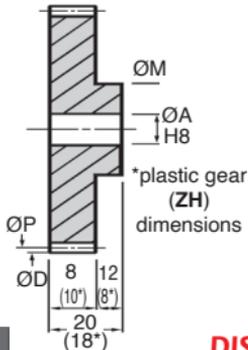
90° crossed axis helical gear Del Ste 90°

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

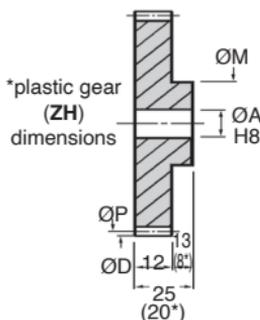
Part number		Z	ØP	ØD	ØM	Boss	ØA	Bore	Price each 1 to 5	
Steel	Delrin	Teeth	PCD	External	H	ZH	H	ZH	H	ZH
H1.25-10	ZH1.25-10	10	17,68	20,18	15	15	6	5	36,19 €	18,10 €
H1.25-16	ZH1.25-16	16	28,28	30,78	20	18	8	6	42,90 €	23,71 €
H1.25-17	ZH1.25-17	17	30,05	32,55	20	18	8	6	44,59 €	24,55 €
H1.25-20	ZH1.25-20	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 €	-
↓ ↓		Gears available up to this size								
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 €	-
↓ ↓		Gears available up to this size								
H1.5-83	ZH1.5-83	83	Dimensions: contact us							

Dimensions in mm

90° crossed axis helical gear Del Ste 90°

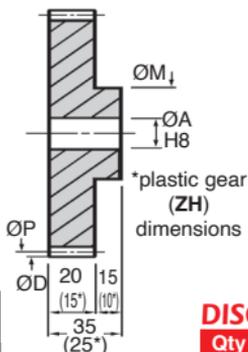
Module 2.0

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 €	-	
↓ ↓		Gears available up to this size								
H2-210	ZH2-210	210	Dimensions: contact us							

Dimensions in mm

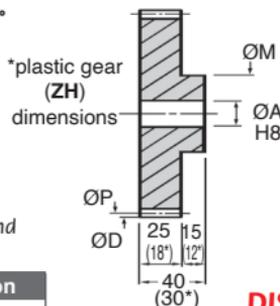
Steel or **machined** Delrin

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

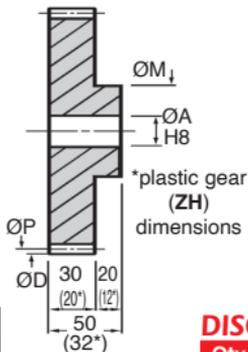
Module 3.0

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

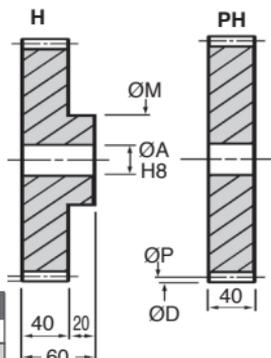
Steel

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	36.07	237.1
kW	3.78	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