

## Ratio 1:1

## Steel C43

- Module 1.5 to 5
- Teeth conform to DIN 3967 except for Module 1 models which are Gleason
- Pressure angle: 20°
- Material: steel C43
- A pair requires 2 gears

**Economy range**



### Info.

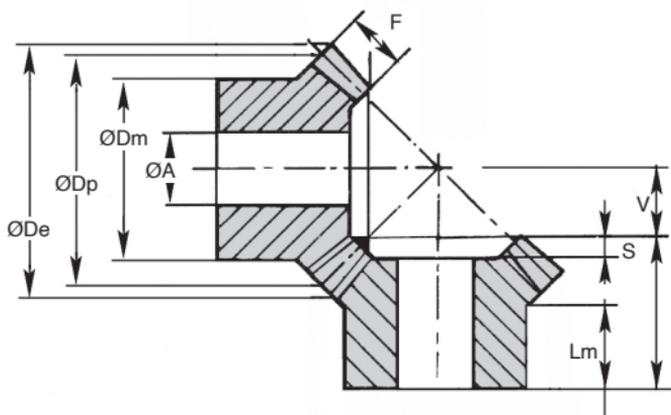
- \*\*Pilot bore dimensions given as a guide only and are subject to change.

### DISCOUNTS

Qty	1+	4+	10+
Disc. List	-5%	On request	

Part number	Teeth		ØD <sub>p</sub>	ØD <sub>a</sub>	F	L	ØD <sub>m</sub>	Pilot bore not guaranteed				Lm	Stock*	Price each 1 to 3
	Z	mod						ØA**	V	S	ØA**			
B1-16/ECO	16		16	17,4	4,0	11,2	13,3	4	4,80	-	6,5	✓	16,01 €	
B1-19/ECO	19		19	20,4	4,0	11,8	15,3	4	6,20	-	6,5	✓	16,44 €	
B1-22/ECO	22	1	22	23,4	4,7	12,8	16,3	5	7,20	-	6,5	-	18,43 €	
B1-26/ECO	26		26	27,4	5,5	13,3	20,3	5	8,70	-	7,0	-	20,56 €	
B1-30/ECO	30		30	31,4	6,4	16,0	20,3	5	10,0	-	8,0	✓	23,76 €	
B1.5-16/ECO	16		24	26,12	6,0	18,9	20,3	8	7,10	-	12,0	✓	16,70 €	
B1.5-20/ECO	20	1,5	30	32,12	10,0	20,0	22,0	10	7,40	2,0	8,5	✓	20,17 €	
B1.5-25/ECO	25		37	39,62	10,0	23,0	28,0	10	11,09	2,0	12,0	✓	25,33 €	
B1.5-30/ECO	30		45	47,12	12,0	25,0	30,0	12	13,35	2,5	12,0	✓	29,10 €	
B2-16/ECO	16		32	34,83	8,0	23,5	25,3	8	9,50	-	14,0	✓	19,73 €	
B2-20/ECO	20	2	40	42,83	12,0	25,0	32,0	10	10,78	3,0	12,0	✓	24,56 €	
B2-25/ECO	25		50	52,82	14,0	28,0	40,0	12	14,28	3,0	12,3	✓	39,32 €	
B2-30/ECO	30		60	62,83	16,0	30,0	50,0	12	17,78	3,0	12,8	✓	47,32 €	
B2.5-16/ECO	16		40,0	43,53	10,0	28,1	30,3	12	11,90	-	15,0	✓	30,00 €	
B2.5-20/ECO	20		50,0	53,53	12,0	30,5	40,0	12	15,43	3,5	16,0	✓	39,35 €	
B2.5-25/ECO	25	2,5	62,5	66,00	15,0	33,5	50,0	15	19,48	3,5	16,0	✓	47,93 €	
B2.5-30/ECO	30		75,0	78,53	18,0	35,5	55,0	15	23,63	3,5	16,0	✓	56,52 €	
B3-16/ECO	16		48,0	52,25	12,0	31,7	40,3	12	14,30	-	18,0	✓	35,14 €	
B3-20/ECO	20	3	60,0	64,24	18,0	35,0	45,0	15	16,00	4,0	13,6	✓	43,65 €	
B3-25/ECO	25		75,0	79,24	20,0	38,0	55,0	15	22,00	4,0	16,0	✓	52,73 €	
B3-30/ECO	30		90,0	94,24	22,0	40,0	60,0	20	28,00	4,0	17,0	✓	63,76 €	

\*Depending on availability - Dimensions in mm



## DISCOUNTS

Qty	1+	4+	10+
Disc. List	-5%	On request	

Part number	Teeth		ØD <sub>p</sub>	ØD <sub>e</sub>	F	L	Pilot bore not guaranteed		V	S	Lm	Stock*	Price each 1 to 3
	Z	mod					ØA**	ØA**					
B3.5-16/ECO	16	3,5	56,0	60,95	14,0	36,4	45,3	16	16,60	-	20,0	✓	39,27 €
B3.5-20/ECO	20		70,0	74,95	22,0	40,5	55,0	15	18,13	4,5	17,0	-	47,83 €
B3.5-25/ECO	25		87,5	92,45	26,0	43,5	65,0	20	23,97	4,5	18,0	-	67,17 €
B3.5-30/ECO	30	4	105,0	109,95	30,0	48,0	70,0	20	30,02	4,5	19,0	-	78,32 €
B4-16/ECO	16		64,0	69,65	15,0	44,3	50,3	16	19,70	-	25,0	✓	46,08 €
B4-20/ECO	20		80,0	85,65	25,0	43,0	60,0	18	20,74	5,0	18,0	✓	57,32 €
B4-25/ECO	25	4,5	100,0	105,65	28,0	45,0	70,0	20	28,50	5,0	18,0	✓	72,39 €
B4-30/ECO	30		120,0	125,65	32,0	48,0	80,0	20	35,67	5,0	16,0	-	93,62 €
B4.5-16/ECO	16		72,0	78,38	17,5	46,3	55,3	20	21,70	-	25,0	-	50,96 €
B4.5-20/ECO	20	5	90,0	96,38	28,0	48,0	65,0	20	23,41	6,0	18,0	-	81,15 €
B4.5-25/ECO	25		112,5	118,80	32,0	50,0	75,0	20	31,76	6,0	18,0	-	98,71 €
B4.5-30/ECO	30		135,0	141,38	35,0	53,0	90,0	20	40,82	6,0	17,0	-	119,64 €
B5-16/ECO	16	5	80,0	87,07	18,0	48,9	60,3	20	25,10	-	25,0	-	55,56 €
B5-20/ECO	20		100,0	107,07	30,0	50,5	70,0	20	26,86	6,5	18,5	✓	83,43 €
B5-25/ECO	25		125,0	132,07	34,0	53,5	90,0	20	36,36	6,5	18,0	✓	107,40 €
B5-30/ECO	30		150,0	157,07	38,0	56,5	110,0	20	45,97	6,17	18,0	✓	134,97 €

\*Depending on availability - Dimensions in mm

## Ratio 2:1

### Steel C43

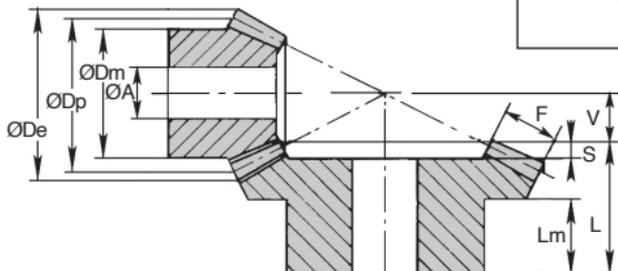
- **Module 1.5 to 5**
- Teeth conform to DIN 3967 except for Module 1 models which are Gleason
- Pressure angle: 20°
- Material: steel C43
- A pair requires 2 gears

**Economy range**



### Info.

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### DISCOUNTS

Qty	1+	4+	10+
Disc.	List	-5%	On request

Part number	Teeth		ØD <sub>s</sub>	ØD <sub>p</sub>	F	L	ØD <sub>m</sub>	Pilot bore not guaranteed			Lm	Price each 1 to 3	
	Z	mod						ØA**	V	S			
DB1-15/ECO	15		15	17,4	5	11,9	13,3	4	10,10	-	6,5	-	
DB1-30/ECO	30		30	30,6	5	15,1	20,3	5	4,90	1,4	9,0	-	
DB1.5-16/ECO	16	1,5	24	26,68	8	19,5	21	10	16,33	1,5	11,3	✓	17,38 €
DB1.5-32/ECO	32		48	49,34	8	20,0	32	12	7,45	3,0	10,0	✓	30,48 €
DB2-16/ECO	16	2	32	35,57	10	23,0	26	10	22,41	2,0	11,9	✓	21,98 €
DB2-32/ECO	32		64	65,78	10	25,0	40	12	10,21	4,0	10,0	✓	50,64 €
DB2.5-16/ECO	16	2,5	40	44,47	12	27,5	34	12	28,38	2,5	14,4	✓	30,98 €
DB2.5-32/ECO	32		80	82,23	12	25,0	50	15	12,97	5,0	10,0	✓	56,82 €
DB3-16/ECO	16	3	48	53,36	15	28,0	40	15	33,64	3,0	11,6	✓	37,95 €
DB3-32/ECO	32		96	98,68	15	30,0	60	15	15,31	6,0	10,0	✓	71,65 €
DB3.5-16/ECO	16	3,5	56	62,26	18	33,5	48	15	38,83	3,5	14,4	✓	41,61 €
DB3.5-32/ECO	32		112	115,12	18	31,0	70	20	17,77	7,0	10,0	✓	84,85 €
DB4-16/ECO	16	4	64	71,15	20	36,0	50	15	44,81	4,0	13,4	✓	51,97 €
DB4-32/ECO	32		128	131,57	20	32,0	80	20	20,42	8,0	10,0	✓	89,27 €
DB4.5-16/ECO	16	4,5	72	80,05	22	39,5	60	20	51,00	4,5	15,4	-	56,66 €
DB4.5-32/ECO	32		144	148,00	22	36,0	90	20	23,21	9,0	10,0	-	117,54 €
DB5-16/ECO	16	5	80	88,94	25	50,0	60	20	56,06	5,0	21,1	-	61,85 €
DB5-32/ECO	32		160	164,46	25	38,0	100	20	25,52	10,0	10,0	-	141,49 €

\*Depending on availability - Dimensions in mm

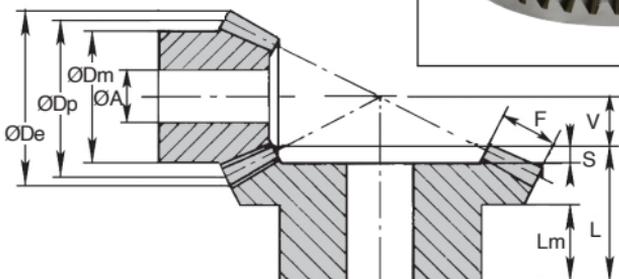
- **Module 1.5 to 5**
- Teeth conform to DIN 3967 except for Module 1 models which are Gleason
- Pressure angle: 20°
- Material: steel C43
- A pair requires 2 gears

**Economy range**



### Info.

- **\*\*Pilot bore dimensions given as a guide only and are subject to change.**



### DISCOUNTS

Qty	1+	4+	10+
Disc.	List	-5%	On request

Part number	Teeth		ØD <sub>p</sub>	ØD <sub>d</sub>	F	L	ØD <sub>m</sub>	Pilot bore not guaranteed				Price each 1 to 3	
	Z	mod						ØA**	V	S	Lm		Stock*
TB1-15/ECO	15	1	15	17,7	7,1	16,6	13,3	4	15,4	-	9,2	-	-
TB1-45/ECO	45	1	45	45,3	7,1	17,1	25,3	8	4,9	1,9	10	-	-
TB1-16/ECO	16	1,5	24	26,82	12	24,0	20	10	24,42	1,0	11,7	✓	19,30 €
TB1-5-48/ECO	48	1,5	72	72,95	12	20,0	50	12	7,27	3,0	10,0	✓	59,51 €
TB2-16/ECO	16	2	32	35,80	15	28,5	26	12	33,26	1,5	12,4	✓	22,88 €
TB2-48/ECO	48	2	96	97,26	15	23,0	60	15	9,90	4,0	10,0	✓	74,66 €
TB2-5-16/ECO	16	2,5	40	44,74	18	32,0	32	12	42,41	1,5	13,0	-	34,46 €
TB2-5-48/ECO	48	2,5	120	121,58	18	26,0	70	20	12,60	5,0	10,0	-	87,10 €
TB3-16/ECO	16	3	48	53,69	18	32,0	40	15	54,25	2,0	12,1	✓	34,71 €
TB3-48/ECO	48	3	144	145,90	18	29,0	80	20	16,20	6,0	10,0	✓	105,22 €
TB3-5-16/ECO	16	3,5	56	62,64	22	38,0	48	15	62,29	2,5	15,0	-	44,15 €
TB3-5-48/ECO	48	3,5	168	170,21	22	31,0	90	20	18,48	7,0	10,0	-	139,33 €
TB4-16/ECO	16	4	64	71,59	25	41,5	55	20	71,23	3,0	15,2	-	55,58 €
TB4-48/ECO	48	4	192	194,53	25	33,0	100	20	21,20	8,0	10,0	-	171,13 €
TB4-5-16/ECO	16	4,5	72	80,53	28	53,0	60	20	80,27	3,0	23,4	-	63,69 €
TB4-5-48/ECO	48	4,5	216	218,84	28	49,0	100	20	23,93	9,0	18,0	-	243,75 €
TB5-16/ECO	16	5	80	89,48	35	60,0	60	20	85,61	3,0	22,5	-	69,76 €
TB5-48/ECO	48	5	240	243,16	35	50,0	150	20	25,45	10,0	20,0	-	263,61 €

\*Depending on availability - Dimensions in mm

## Ratio 4:1

## Steel C43

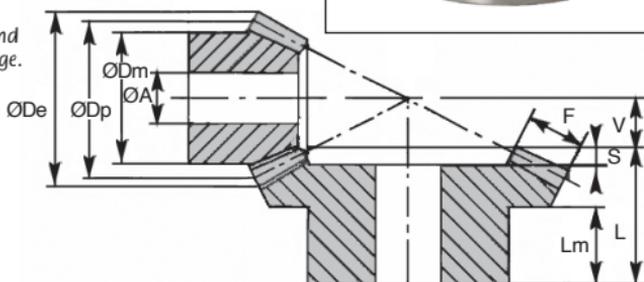
- **Module 1 to 5**
- Teeth conform to DIN 3967 except for Module 1 models which are Gleason
- Pressure angle: 20°
- Material: steel C43
- A pair requires 2 gears

**Economy range**



### Info.

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### DISCOUNTS

Qty	1+	4+	10+
Disc.	List	-5%	On request

Part number	Teeth		OD <sub>a</sub>	OD <sub>e</sub>	F	L	Pilot bore not guaranteed		V	S	Lm	Stock*	Price each 1 to 3
	Z	mod					ØA**	ØD <sub>m</sub>					
FB1-15/ECO	15		15	17,8	9,3	17,2	13,3	4	20,8	-	7,7	-	18,45 €
FB1-60/ECO	60		60	60,3	9,3	17,1	30,3	8	4,9	1,9	10	-	63,77 €
FB1.5-16/ECO	16	1,5	24	26,91	12	25,0	18	10	36,02	1,0	12,2	✓	18,92 €
FB1.5-64/ECO	64	1,5	96	96,73	12	22,0	70	15	8,53	3,0	10,0	✓	83,43 €
FB2-16/ECO	16		32	35,88	15	24,0	25	12	49,07	1,0	8,2	✓	23,39 €
FB2-64/ECO	64		128	128,97	15	24,0	80	20	11,79	4,0	10,0	✓	101,23 €
FB2.5-16/ECO	16	2,5	40	44,85	18	30,5	30	12	61,99	1,5	11,7	-	33,80 €
FB2.5-64/ECO	64	2,5	160	161,21	18	29,0	90	20	13,77	5,0	10,0	-	134,99 €
FB3-16/ECO	16		48	53,82	22	34,0	40	15	74,05	2,0	11,0	-	34,39 €
FB3-64/ECO	64		192	193,45	22	30,0	100	20	16,41	6,0	10,0	-	165,05 €
FB3.5-16/ECO	16	3,5	56	62,80	25	45,0	48	15	87,13	2,0	19,1	-	45,39 €
FB3.5-64/ECO	64	3,5	224	225,70	25	50,0	100	20	19,32	7,0	22,0	-	253,06 €
FB4-16/ECO	16		64	71,76	30	50,0	50	20	98,21	2,0	18,5	-	53,26 €
FB4-64/ECO	64		256	257,94	30	50,0	120	20	21,72	8,0	20,0	-	308,08 €
FB4.5-16/ECO	16	4,5	72	80,73	32	53,0	55	20	112,08	2,5	19,0	-	58,83 €
FB4.5-64/ECO	64	4,5	288	290,18	32	53,0	130	20	24,83	9,0	23,0	-	319,71 €
FB5-16/ECO	16		80	89,70	35	58,0	60	20	125,06	2,5	20,6	-	66,82 €
FB5-64/ECO	64		320	322,42	35	58,0	150	20	27,65	10,0	25,0	-	495,17 €

\*Depending on availability - Dimensions in mm