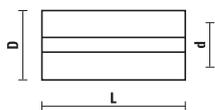


BUSHINGS

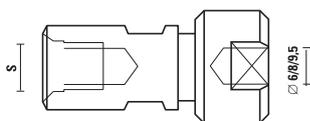
ART. Z001



Item	D	d	L
Z001.001.N	8	6	25
Z001.002.N	9,5	6	25
Z001.003.N	9,5	8	25
Z001.004.N	10	8	25
Z001.005.N	12	8	25
Z001.006.N	12	6	25
Z001.007.N	12	10	25
Z001.008.N	16	13	40
Z001.009.N	8	6,4	25
Z001.010.N	12	9,5	25
Z001.011.N	10	6	25
Z001.012.N	8	5	25
Z001.013.N	8	4	25
Z001.014.N	8	3	25
Z001.015.N	10	5	25
Z001.016.N	10	4	25
Z001.017.N	9,5	6,4	25
Z001.018.N	12,7	9,5	25
Z001.019.N	12,7	8	25
Z001.020.N	12,7	6,4	25

COLLET CHUCKS WITH SPRING COLLETS 6 - 8 - 9,5

ART. Z002

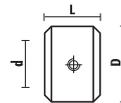


Supplied with nr 3 spring collets Ø6 - Ø8 - Ø9,5

Item	S
Z002.001.R	M12x1 (kit with spring collet)
Z002.002.R	M10x1,5 (kit with spring collet)
Spare parts	
Z002.101.R chuck without collets	M12x1
Z002.102.R chuck without collets	M10x1,5
Z002.160.R	spring collet Ø6
Z002.180.R	spring collet Ø8
Z002.195.R	spring collet Ø9,5

SETTING RINGS

ART. Z003



- Rings for setting the drilling depth use when working with manual feed
- Used with Art. R101 - R201 - R 205

Item	d	D	L
Z003.050.N	5	16	10
Z003.060.N	6	16	10
Z003.070.N	7	18	10
Z003.080.N	8	18	10
Z003.090.N	9	20	10
Z003.100.N	10	20	10
Z003.120.N	12	22	10



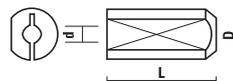
Z051.301.R



Z052.006.N

DRILL HOLDER-SLEEVE

ART. Z010



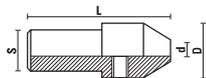
Used with Art. L120



Item	d	D	L
Z010.020.N	2	10	24
Z010.025.N	2,5	10	24
Z010.030.N	3	10	24
Z010.032.N	3,2	10	24
Z010.035.N	3,5	10	24
Z010.040.N	4	10	24
Z010.045.N	4,5	10	24
Z010.050.N	5	10	24
Z010.060.N	6	10	24

DRILL HOLDERS

ART. Z011



Used with Art. L120



Item	d	D	L	S
Z011.020.N	2	15	35	10x19
Z011.025.N	2,5	15	35	10x19
Z011.030.N	3	15	35	10x19
Z011.032.N	3,2	15	35	10x19
Z011.035.N	3,5	15	35	10x19
Z011.040.N	4	15	35	10x19
Z011.045.N	4,5	15	35	10x19
Z011.050.N	5	15	35	10x19
Z011.060.N	6	15	35	10x19



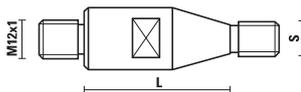
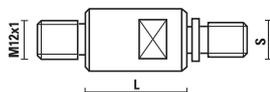
Z051.311.R



Z052.102.N

EXTENSION SHAFTS

ART. Z021

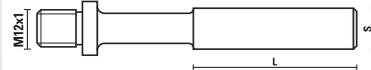


Used with Art. R130

RH rotation	LH rotation	S	L
Z021.025.R	Z021.025.L	M10/11	25
Z021.035.R	Z021.035.L	M10/11	35
Z021.045.R	Z021.045.L	M10/11	45
Z021.125.R	Z021.125.L	M10/30°	25
Z021.135.R	Z021.135.L	M10/30°	35
Z021.145.R	Z021.145.L	M10/30°	45

EXTENSION SHAFTS

ART. Z021

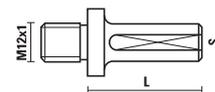


Used with Art. R130 and
Art. F101 - F102 - F104 - F105 - F201 - F203 - F204

RH rotation	LH rotation	S	L
Z021.213.R	Z021.213.L	13	50
Z021.216.R	Z021.216.L	16	50

SHAFT ADAPTERS Ø10 FOR BORING MACHINES

ART. Z021

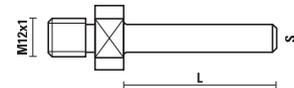


Used with Art. R130

RH rotation	LH rotation	S	L
Z021.310.R	Z021.310.L	10	27
Z021.311.R	Z021.311.L	10	40
Z021.312.R	Z021.312.L	10	47

SHAFT ADAPTERS FOR PORTABLE ROUTERS

ART. Z021

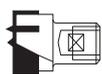
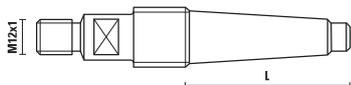


Used with Art. R130
and Art. F101 - F102 - F104 - F105 - F201 - F203 - F204

RH rotation	S	L
Z021.406.R	6	40
Z021.408.R	8	40
Z021.409.R	9,5	40
Z021.410.R	10	40
Z021.412.R	12	40

SHAFT ADAPTERS MK2

ART. Z021

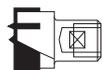
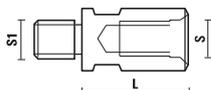


Used with Art. R130

RH rotation	S	L
Z021.500.R	MK2/M20	67

ADAPTERS OR EXTENSION SHAFTS

ART. Z021

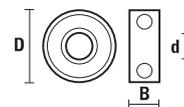


Used with Art. R130
and Art. F101 - F102 - F104 - F105 - F201 - F202 - F203 - F204

RH rotation	S	S1	L
Z021.600.R	M12x1	M12x1	25
Z021.601.R	M12x1	M10x1,5	25
Z021.610.R	M10x1,5	M12x1	25
Z021.611.R	M10x1,5	M10x1,5	25

BALL BEARINGS

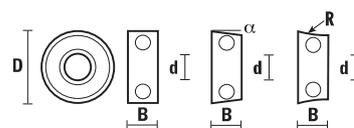
ART. Z050



Item	D	d	B
Z050.001.N	9,5	3,2	4
Z050.002.N	9,5	4,8	3,2
Z050.003.N	12,7	4,8	5
Z050.004.N	16	5	5
Z050.005.N	19	6,4	7,1
Z050.006.N	19	6	6
Z050.007.N	12,7	6,4	4,7
Z050.008.N	22	8	7
Z050.009.N	25,4	15	5,5
Z050.010.N	28	8	9
Z050.011.N	15,8	6,4	5
Z050.012.N	19	12,7	4
Z050.013.N	38	15	8,5
Z050.014.N	35	15	11
Z050.015.N	28,6	12,7	8
Z050.016.N	33,5	8	8,6
Z050.017.N	6,4	3,2	2,8
Z050.018.N	16	8	5
Z050.019.N	14	8	4
Z050.022.N	16	4,8	5
Z050.023.N	19	4,8	5
Z050.024.N	19	5	5

"DELTRIN®" BALL BEARINGS

ART. Z050



Used for working solid surface (CORIAN®)

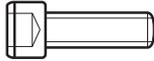
Item	D	d	B	α	R
Z050.100.N	12,7	4,8	3,2	0°	
Z050.101.N	19	6,4	5	0°	
Z050.102.N	21,8	6,4	5	10°	
Z050.103.N	22,2	6,4	5	5°	
Z050.104.N	28,6	15	7	0°	
Z050.105.N	19	6,4	6,4		R=12,7
Z050.106.N	25,4	6,4	7	5°	
Z050.107.N	28	8	8,5	0°	
Z050.108.N	29	8	8,5	0°	
Z050.109.N	34	8	8,5	0°	
Z050.110.N	22	6	7	11°	
Z050.111.N	19	6	7	0°	
Z050.112.N	28,6	7,9	7	0°	

CHEESE HEAD SCREWS

ART. Z051



1 Hexagon socket set



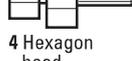
3 Cross recessed



2 Hexagon socket set



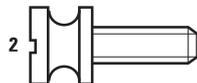
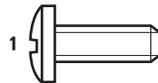
4 Hexagon head



Item	Description	Draw.
Z051.001.R	M 2,5x12 ch 1,9	1
Z051.002.R	M 3,5x13 ch 2,4	1
Z051.004.R	M 5x17 ch 4	1
Z051.006.R	M 2,2x8 for art. A119.064.R	3
Z051.007.R	M 5x13 ch 3 for art. E316	2
Z051.008.R	M 3x12 ch 2,4	1
Z051.012.R	M 5x16 ch 4 for art. R110.600.R	1
Z051.013.R	M 6,3x19 ch 4,7 for art. R110.800.R	1
Z051.016.R	M 6x25 ch 5 for art. T128 cutter arbors	1
Z051.050.R	anti dust set for art. WE178	
Z051.312.R	M 5x10 for NOVASYSTEM	1
Z051.401.R	M 8x10	1
Z051.506.R NEW	M 8x30 hex socket 13 complete with hexagon nut for art. T128.140.R	4

SLOTTED CHEESE HEAD SCREWS

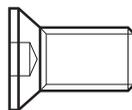
ART. Z051



Item	Description	Draw.
Z051.501.R	M 3x4 for spare knife art. WC	1
Z051.503.R	M 3x10 for ball bearing art. WC	1
Z051.505.R	M 5x17 for machines Weeke	2

COUNTERSUNK HEAD SCREWS

ART. Z051



Item	Description
Z051.011.R	M 4x8 Torx T15
Z051.014.R	M 6x10 for art. T128.140.R slotted head
Z051.015.R	M 5x15 ch 3 for art. A/B/C/E/G - 117.280.R
Z051.307.R	M 5x6
Z051.309.R	M 3x6 Torx T9
Z051.310.R	M 3x8 Torx T9
Z051.315.R	M 4x6,5 Torx T9
Z051.403.R	M 5x6 Torx T20
Z051.405.R	M 5x15 ch 2,5
Z051.700.R	M 4x3,2 Torx T15
Z051.701.R	M 5x7 Torx T15

SET SCREWS

ART. Z051



1 Hexagon socket set



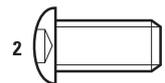
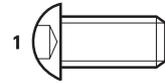
2 Slotted head



Item	Description	Draw.
Z051.005.R	M 3x2,5 ch 1,6 with flat point	1
Z051.101.R	M 2,5x2,5 ch 1,3 with flat point	1
Z051.102.R	M 4x4 ch 2 with flat point	1
Z051.300.R	M 6x6 ch 3 with flat point for L130 D=Ø8±12	1
Z051.301.R	M 5x5 ch 2,5 with flat point	1
Z051.302.R	M 5x10	2
Z051.303.R	M 5x6 ch 2,5 with cone point for art. L130 D=Ø4±8	1
Z051.304.R	M 6x6 ch 3 with flat point for art. L131 D=Ø12	1
Z051.306.R	M 5x6 ch 2,5 with cone point	1
Z051.311.R	M 4x5 ch 2 with flat point for art. Z011	1
Z051.313.R	M 5x4 ch 2,5 with flat point	1
Z051.314.R	M 6x5 ch 3 with flat point for art. L131 D=Ø10	1
Z051.321.R	M 3x5 ch 1,6	1
Z051.404.R	M 3x6 ch 1,5 with cone point for art. W182	1
Z051.407.R	M 6x10 ch 3	1
Z051.704.R	M 8x12 ch 4 with cyl point for art. SA	1
Z051.705.R	M 8x16 ch 4 with cyl point for art. SA	1

ROUNDED HEAD SCREWS

ART. Z051



Item	Description	Draw.
Z051.010.R	M 4x8 - Ø9 - T15	1
Z051.201.R	M 4x9 - Ø7,8 - T15	1
Z051.210.R	M 3,5x7 - Ø7,8 - T15	2
Z051.211.R	M 3,5x7 - Ø9 - T15	1
Z051.308.R	M 3x6 - T9 - Ø5,5	1
Z051.320.R	M 3x4	1
Z051.400.R	M 4x6 for art. W178 - Ø8	1
Z051.402.R	M 4x8 for art. W171/W176 - Ø9	1
Z051.406.R	M 4x3,2 for art. W182	1
Z051.702.R	M 5x10 for art. TTL	1