



CUTTING OF EXTERNAL THREADS

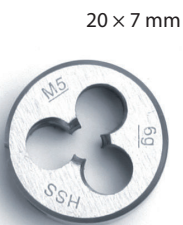
Chamfer the end of the round steel bolt in order to ease the threading. Put the round die into the round die holder. Make sure to align the round die indent with the middle screw of the round die holder. Tighten the screws with a screwdriver to prevent the round die from slipping. Furthermore, pay attention that the screws engage with the holes and the indent of the round die to ensure a secure hold. You can use the round die from both sides as it is chamfered on each side.

Make sure to have an even approach and lubricate with cutting oil. The round die then is twisted onto the bolt under slight pressure. From time to time, twist the round die back to break the chip.

► EXTERNAL THREADS



▶ ROUND DIES



EN 22568 (old = DIN 223)

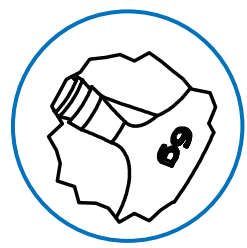
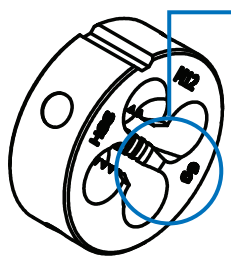
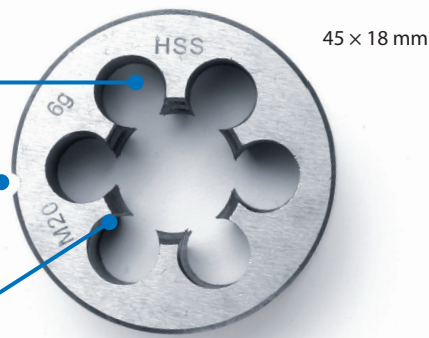
For cutting external threads according to ISO standards for metric coarse threads M1 to M56, pre-slit round dies (form B) are used.



CHIP HOLE

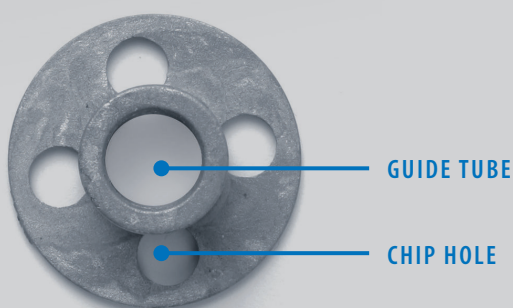
FORM B
= pre-slit

SPIRAL POINT



Round dies with an outer diameter of $d=16\text{mm}$ and $d=20\text{mm}$ have three chip holes, bigger round dies do have four or more. It does not matter from which side the round dies are used, as they are chamfered on each side.



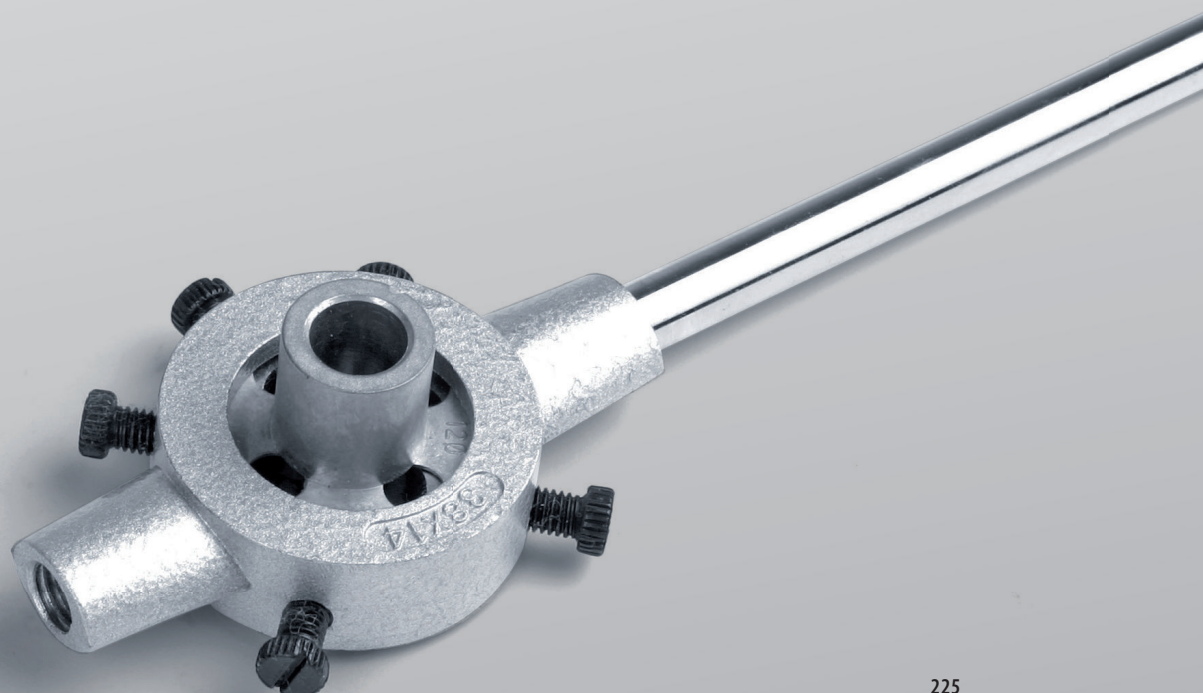


Guides for round dies are used together with the die in the round die holder. The guide pipe has the exact bolt diameter of the thread that has to be cut.

► ROUND DIE GUIDES

FACTORY STANDARD

Thus, the first cut is done perpendicular and the thread flanks are cut evenly. Die guides are die casted from aluminium and have integrated chip holes to enable a good chip removal.



ROUND DIES

ROUND DIES



TECHNICAL INFORMATION

Standard	DIN EN 22568 (DIN 223)	Direction	Right
Thread	M	Tolerance	6g
Material	HSS	Form	Form B
Raw material	Steel		

Round die, with spiral point

					Art.-No.
M 1	0,25	0,97	16	5	00402010
M 1,1	0,25	1,07	16	5	00402020
M 1,2	0,25	1,17	16	5	00402030
M 1,4	0,30	1,36	16	5	00402040
M 1,6	0,35	1,54	16	5	00402050
M 1,7	0,35	1,66	16	5	00402060
M 1,8	0,35	1,74	16	5	00402070
M 2	0,40	1,94	16	5	00402080
M 2,2	0,45	2,13	16	5	00402090
M 2,3	0,40	2,25	16	5	00402100
M 2,5	0,45	2,43	16	5	00402110
M 2,6	0,45	2,54	16	5	00402120
M 3	0,5	2,92	20	5	00402130
M 3,5	0,60	3,41	20	5	00402140
M 4	0,7	3,91	20	5	00402150
M 4,5	0,75	4,41	20	7	00402160
M 5	0,8	4,9	20	7	00402170
M 5,5	0,9	5,4	20	7	00402180
M 6	1,0	5,88	20	7	00402190
M 7	1,0	6,88	25	9	00402200
M 8	1,25	7,87	25	9	00402210
M 9	1,25	8,87	25	9	00402220
M 10	1,5	9,85	30	11	00402230
M 11	1,5	10,85	30	11	00402240
M 12	1,75	11,83	38	14	00402250
M 14	2,0	13,82	38	14	00402260
M 15	2	14,82	38	14	00402265
M 16	2,0	15,82	45	18	00402270
M 18	2,5	17,79	45	18	00402280
M 20	2,5	19,79	45	18	00402290
M 22	2,5	21,79	55	22	00402300
M 24	3,0	23,77	55	22	00402310
M 27	3,0	26,77	65	25	00402320
M 30	3,5	29,73	65	25	00402330
M 33	3,5	32,73	65	25	00402340
M 36	4,0	35,7	65	25	00402350

					Art.-No.
M 39	4,0	38,70	75	30	00402360
M 42	4,5	41,69	75	30	00402370
M 45	4,5	44,69	90	36	00402380
M 48	5,0	47,66	90	36	00402390
M 52	5,0	51,66	90	36	00402400
M 56	5,5	55,62	105	36	00402410
M 60	5,5	59,62	105	36	00402420
M 64	6,0	63,58	105	36	00402430

ROUND DIES LH

TECHNICAL INFORMATION

Standard	DIN EN 22568 (DIN 223)	Direction	Left
Thread	M	Tolerance	6g
Material	HSS	Form	Form B
Raw material	Steel		

Round die, with spiral point

					Art.-No.
M 2	0,4	1,94	16	5	00404080
M 3	0,5	2,92	20	5	00404130
M 3,5	0,6	3,41	20	5	00404140
M 4	0,7	3,91	20	5	00404150
M 4,5	0,75	4,41	20	7	00404160
M 5	0,8	4,9	20	7	00404170
M 6	1,0	5,88	20	7	00404190
M 7	1,0	6,88	25	9	00404200
M 8	1,25	7,87	25	9	00404210
M 9	1,25	8,87	25	9	00404220
M 10	1,5	9,85	30	11	00404230
M 12	1,75	11,83	38	14	00404250
M 14	2,0	13,82	38	14	00404260
M 16	2,0	15,82	45	18	00404270
M 18	2,5	17,79	45	18	00404280
M 20	2,5	19,79	45	18	00404290
M 22	2,5	21,79	55	22	00404300
M 24	3,0	23,77	55	22	00404310
M 27	3,0	26,77	65	25	00404320
M 30	3,5	29,73	65	25	00404330
M 33	3,5	32,73	65	25	00404340
M 36	4,0	35,7	65	25	00404350

ROUND DIES

					Art.-No.
M 39	4,0	38,7	75	30	00404360
M 42	4,5	41,69	75	30	00404370
M 45	4,5	44,69	90	36	00404380
M 48	5,0	47,66	90	36	00404390
M 52	5,0	51,66	90	36	00404400

ROUND DIES

TECHNICAL INFORMATION



Standard	DIN EN 22568 (DIN 223)	Direction	Right
Thread	M	Tolerance	6g
Material	HSS-E	Form	Form B
Raw material	Stainless steel		

Round die, with spiral point

					Art.-No.
M 3	0,5	2,92	20	5	00406130
M 3,5	0,6	3,41	20	5	00406140
M 4	0,7	3,91	20	5	00406150
M 4,5	0,75	4,41	20	7	00406160
M 5	0,8	4,9	20	7	00406170
M 6	1,0	5,88	20	7	00406190
M 7	1,0	6,88	25	9	00406200
M 8	1,25	7,87	25	9	00406210
M 9	1,25	8,87	25	9	00406220
M 10	1,5	9,85	30	11	00406230
M 12	1,75	11,83	38	14	00406250
M 14	2,0	13,82	38	14	00406260
M 16	2,0	15,82	45	18	00406270
M 18	2,5	17,79	45	18	00406280
M 20	2,5	19,79	45	18	00406290
M 22	2,5	21,79	55	22	00406300
M 24	3,0	23,77	55	22	00406310
M 27	3,0	26,77	65	25	00406320
M 30	3,5	29,73	65	25	00406330
M 33	3,5	32,73	65	25	00406340
M 36	4,0	35,7	65	25	00406350
M 39	4,0	38,7	75	30	00406360
M 42	4,5	41,69	75	30	00406370
M 45	4,5	44,69	90	36	00406380
M 48	5,0	47,66	90	36	00406390
M 52	5,0	51,66	90	36	00406400

ROUND DIES



TECHNICAL INFORMATION

Standard	DIN EN 22568 (DIN 223)	Direction	Right
Thread	M	Tolerance	6g
Material	HSSE-VAP	Form	Form B
Raw material	Stainlees steel		

Round die, with spiral point, vaporised

					Art.-No.
M 3	0,5	2,92	20	5	00409130
M 3,5	0,6	3,41	20	5	00409140
M 4	0,7	3,91	20	5	00409150
M 4,5	0,75	4,41	20	7	00409160
M 5	0,8	4,9	20	7	00409170
M 6	1,0	5,88	20	7	00409190
M 7	1,0	6,88	25	9	00409200
M 8	1,25	7,87	25	9	00409210
M 9	1,25	8,87	25	9	00409220
M 10	1,5	9,85	30	11	00409230
M 12	1,75	11,83	38	14	00409250
M 14	2,0	13,82	38	14	00409260
M 16	2,0	15,82	45	18	00409270
M 18	2,5	17,79	45	18	00409280
M 20	2,5	19,79	45	18	00409290
M 22	2,5	21,79	55	22	00409300
M 24	3,0	23,77	55	22	00409310
M 27	3,0	26,77	65	25	00409320
M 30	3,5	29,73	65	25	00409330
M 33	3,5	32,73	65	25	00409340
M 36	4,0	35,7	65	25	00409350
M 39	4,0	38,7	75	30	00409360
M 42	4,5	41,69	75	30	00409370
M 45	4,5	44,69	90	36	00409380
M 48	5,0	47,66	90	36	00409390
M 52	5,0	51,66	90	36	00409400

ROUND DIES

ROUND DIES



TECHNICAL INFORMATION

Standard	DIN EN 22568 (DIN 223)	Direction	Right
Thread	MF	Tolerance	6g
Material	HSS	Form	Form B
Raw material	Steel		

Round die, with spiral point

					Art.-No.
MF 2 × 0,25	0,25	1,97	16	5	00414100
MF 3 × 0,35	0,35	2,94	20	5	00414200
MF 3 × 0,5	0,5	2,93	20	5	00414210
MF 3,5 × 0,35	0,35	3,44	20	5	00414220
MF 3,5 × 0,5	0,5	3,43	20	5	00414225
MF 4 × 0,35	0,35	3,94	20	5	00414230
MF 4 × 0,5	0,5	3,93	20	5	00414240
MF 4,5 × 0,5	0,5	4,43	20	5	00414260
MF 5 × 0,5	0,5	4,93	20	5	00414280
MF 5 × 0,75	0,75	4,91	20	5	00414290
MF 5,5 × 0,5	0,5	5,43	20	5	00414300
MF 5,5 × 0,75	0,75	5,41	20	5	00414310
MF 6 × 0,5	0,5	5,93	20	5	00414320
MF 6 × 0,75	0,75	5,91	20	7	00414330
MF 7 × 0,75	0,75	6,91	25	9	00414360
MF 8 × 0,5	0,5	7,93	25	9	00414380
MF 8 × 0,75	0,75	7,91	25	9	00414390
MF 8 × 1	1,0	7,88	25	9	00414400
MF 8 × 1,5	1,5	7,85	25	9	00414410
MF 9 × 0,75	0,75	8,91	25	9	00414430
MF 9 × 1	1,0	8,88	25	9	00414440
MF 10 × 0,5	0,5	9,93	30	11	00414450
MF 10 × 0,75	0,75	9,91	30	11	00414460
MF 10 × 1	1,0	9,88	30	11	00414470
MF 10 × 1,25	1,25	9,87	30	11	00414480
MF 11 × 0,75	0,75	10,91	30	11	00414500
MF 11 × 1	1,0	10,88	30	11	00414510
MF 11 × 1,25	1,25	10,87	30	11	00414520
MF 12 × 0,5	0,5	11,93	38	10	00414530
MF 12 × 0,75	0,75	11,91	38	10	00414540
MF 12 × 1	1,0	11,88	38	10	00414550
MF 12 × 1,25	1,25	11,87	38	10	00414560
MF 12 × 1,5	1,5	11,85	38	10	00414570
MF 13 × 1	1,0	12,88	38	10	00414600
MF 13 × 1,25	1,25	12,87	38	10	00414610
MF 13 × 1,5	1,5	11,5	38	10	00414620

					Art.-No.
MF 14 × 0,5	0,5	13,93	38	10	00414630
MF 14 × 0,75	0,75	13,91	38	10	00414640
MF 14 × 1	1,0	13,88	38	10	00414650
MF 14 × 1,25	1,25	13,87	38	10	00414660
MF 14 × 1,5	1,5	13,85	38	10	00414670
MF 15 × 1	1,0	14,88	38	10	00414700
MF 15 × 1,5	1,5	14,85	38	10	00414720
MF 16 × 0,5	0,5	15,93	45	14	00414730
MF 16 × 0,75	0,75	15,98	45	14	00414740
MF 16 × 1	1,0	15,88	45	14	00414750
MF 16 × 1,25	1,25	15,86	45	14	00414760
MF 16 × 1,5	1,5	15,85	45	14	00414770
MF 17 × 1	1,0	16,88	45	14	00414790
MF 17 × 1,5	1,5	16,85	45	14	00414800
MF 18 × 0,5	0,5	17,93	45	14	00414820
MF 18 × 1	1,0	17,88	45	14	00414840
MF 18 × 1,25	1,25	17,86	45	14	00414850
MF 18 × 1,5	1,5	17,85	45	14	00414860
MF 18 × 2	2,0	17,82	45	14	00414870
MF 19 × 1	1,0	18,88	45	14	00414880
MF 19 × 1,5	1,5	18,85	45	14	00414890
MF 20 × 0,5	0,5	19,93	45	14	00414910
MF 20 × 0,75	0,75	19,91	45	14	00414920
MF 20 × 1	1,0	19,88	45	14	00414930
MF 20 × 1,25	1,25	19,86	45	14	00414940
MF 20 × 1,5	1,5	19,85	45	14	00414950
MF 20 × 2	2,0	19,82	45	14	00414960
MF 21 × 1,5	1,5	20,85	55	16	00415000
MF 22 × 1	1,0	21,88	55	16	00415030
MF 22 × 1,25	1,25	21,86	55	16	00415040
MF 22 × 1,5	1,5	21,85	55	16	00415050
MF 22 × 2	2,0	21,82	55	16	00415060
MF 23 × 1	1,0	22,88	55	16	00415070
MF 23 × 1,5	1,5	22,85	55	16	00415080
MF 24 × 1	1,0	23,88	55	16	00415110
MF 24 × 1,25	1,25	23,86	55	16	00415120
MF 24 × 1,5	1,5	23,85	55	16	00415130
MF 24 × 2	2,0	23,82	55	16	00415140
MF 25 × 1	1,0	24,88	55	16	00415150
MF 25 × 1,5	1,5	24,85	55	16	00415170
MF 25 × 2	2,0	24,82	55	16	00415180
MF 26 × 1	1,0	25,88	55	16	00415190
MF 26 × 1,5	1,5	25,85	55	16	00415210
MF 26 × 2	2,0	25,82	55	16	00415220

ROUND DIES

					Art.-No.
MF 27 × 1	1,0	26,88	65	18	00415230
MF 27 × 1,5	1,5	26,85	65	18	00415240
MF 27 × 2	2,0	26,82	65	18	00415250
MF 28 × 1	1,0	27,88	65	18	00415260
MF 28 × 1,5	1,5	27,85	65	18	00415270
MF 28 × 2	2,0	27,82	65	18	00415280
MF 30 × 1	1,0	29,88	65	18	00415290
MF 30 × 1,5	1,5	29,85	65	18	00415300
MF 30 × 2	2,0	29,82	65	18	00415310
MF 30 × 3	3,0	29,76	65	25	00415320
MF 32 × 1	1,0	31,88	65	18	00415330
MF 32 × 1,5	1,5	31,85	65	18	00415340
MF 32 × 2	2,0	31,82	65	18	00415350
MF 33 × 1	1,0	32,88	65	18	00415370
MF 33 × 1,5	1,5	32,85	65	18	00415380
MF 33 × 2	2,0	32,82	65	18	00415390
MF 33 × 3	3,0	32,76	65	25	00415400
MF 34 × 1	1,0	33,88	65	18	00415410
MF 34 × 1,5	1,5	33,85	65	18	00415420
MF 34 × 2	2,0	33,82	65	18	00415430
MF 35 × 1	1,0	34,88	65	18	00415450
MF 35 × 1,5	1,5	34,85	65	18	00415460
MF 35 × 2	2,0	34,82	65	18	00415470
MF 36 × 1	1,0	35,88	65	18	00415490
MF 36 × 1,5	1,5	35,85	65	18	00415500
MF 36 × 2	2,0	35,82	65	18	00415510
MF 36 × 3	3,0	35,76	65	25	00415520
MF 38 × 1	1,0	37,88	75	20	00415530
MF 38 × 1,5	1,5	37,85	75	20	00415540
MF 38 × 2	2,0	37,82	75	20	00415550
MF 38 × 3	3,0	37,76	75	20	00415560
MF 39 × 1,5	1,5	38,85	75	20	00415570
MF 39 × 2	2,0	38,82	75	20	00415580
MF 39 × 3	3,0	38,76	75	30	00415590
MF 40 × 1	1,0	39,88	75	20	00415600
MF 40 × 1,5	1,5	39,85	75	20	00415610
MF 40 × 2	2,0	39,82	75	20	00415620
MF 40 × 3	3,0	39,76	75	30	00415630
MF 42 × 1,5	1,5	41,85	75	20	00415640
MF 42 × 2	2,0	41,82	75	20	00415650
MF 42 × 3	3,0	41,76	75	30	00415660
MF 45 × 1	1,0	44,88	90	22	00415680
MF 45 × 1,5	1,5	44,85	90	22	00415690
MF 45 × 2	2,0	44,82	90	22	00415700

					Art.-No.
MF 45 × 3	3,0	44,76	90	36	00415710
MF 48 × 1,5	1,5	47,85	90	22	00415740
MF 48 × 2	2,0	47,82	90	22	00415750
MF 48 × 3	3,0	47,76	90	36	00415760
MF 48 × 4	4,0	47,68	90	36	00415770
MF 50 × 1	1,0	49,88	90	22	00415780
MF 50 × 1,5	1,5	49,85	90	22	00415790
MF 50 × 2	2,0	49,82	90	22	00415800
MF 50 × 3	3,0	49,76	90	36	00415810
MF 52 × 1,5	1,5	51,85	90	22	00415840
MF 52 × 2	2,0	51,82	90	22	00415850
MF 52 × 3	3,0	51,76	90	36	00415860
MF 52 × 4	4,0	51,68	90	36	00415870

ROUND DIES LH



TECHNICAL INFORMATION

Standard	DIN EN 22568 (DIN 223)	Direction	Left
Thread	MF	Tolerance	6g
Material	HSS	Form	Form B
Raw material	Steel		

Round die, with spiral point

					Art.-No.
MF 4 × 0,5	0,5	3,93	20	5	00417240
MF 5 × 0,5	0,5	4,93	20	5	00417280
MF 6 × 0,5	0,5	5,93	20	5	00417320
MF 6 × 0,75	0,75	5,91	20	7	00417330
MF 7 × 0,75	0,75	6,91	25	9	00417360
MF 8 × 0,5	0,5	7,93	25	9	00417380
MF 8 × 0,75	0,75	7,91	25	9	00417390
MF 8 × 1	1,0	7,88	25	9	00417400
MF 10 × 0,75	0,75	9,91	30	11	00417460
MF 10 × 1	1,0	9,88	30	11	00417470
MF 10 × 1,25	1,25	9,87	30	11	00417480
MF 12 × 1	1,0	11,88	38	10	00417550
MF 12 × 1,25	1,25	11,87	38	10	00417560
MF 12 × 1,5	1,5	11,85	38	10	00417570
MF 14 × 1	1,0	13,88	38	10	00417650
MF 14 × 1,25	1,25	13,87	38	10	00417660

ROUND DIES

					Art.-No.
MF 14 × 1,5	1,5	13,85	38	10	00417670
MF 16 × 1	1,0	15,88	45	14	00417750
MF 16 × 1,5	1,5	15,85	45	14	00417770
MF 18 × 1	1,0	17,88	45	14	00417840
MF 18 × 1,5	1,5	17,85	45	14	00417860
MF 18 × 2	2,0	17,82	45	14	00417870
MF 20 × 1	1,0	19,88	45	14	00417930
MF 20 × 1,5	1,5	19,85	45	14	00417950
MF 20 × 2	2,0	19,82	45	14	00417960
MF 22 × 1	1,0	21,88	55	16	00418030
MF 22 × 1,5	1,5	21,85	55	16	00418050
MF 24 × 1	1,0	23,88	55	16	00418110
MF 24 × 1,5	1,5	23,85	55	16	00418130
MF 24 × 2	2,0	23,82	55	16	00418140
MF 25 × 1,5	1,5	24,85	55	16	00418170
MF 26 × 1,5	1,5	25,85	55	16	00418210
MF 27 × 1,5	1,5	26,85	65	18	00418240
MF 27 × 2	2,0	26,82	65	18	00418250
MF 28 × 1,5	1,5	27,85	65	18	00418270
MF 30 × 1,5	1,5	29,85	65	18	00418300
MF 30 × 2	2,0	29,82	65	18	00418310
MF 32 × 1,5	1,5	31,85	65	18	00418340
MF 35 × 1,5	1,5	34,85	65	18	00418460
MF 36 × 1,5	1,5	35,85	65	18	00418500
MF 36 × 2	2,0	35,82	65	18	00418510
MF 38 × 1,5	1,5	37,85	75	20	00418540
MF 40 × 1,5	1,5	39,85	75	20	00418610
MF 40 × 2	2,0	39,76	75	20	00418620
MF 42 × 1,5	1,5	41,85	75	20	00418640
MF 45 × 1,5	1,5	44,85	90	22	00418690
MF 45 × 2	2,0	44,82	90	22	00418700
MF 48 × 1,5	1,5	47,85	90	22	00418740
MF 48 × 2	2,0	47,82	90	22	00418750
MF 50 × 1,5	1,5	49,85	90	22	00418790
MF 50 × 2	2,0	49,82	90	22	00418800
MF 52 × 1,5	1,5	51,85	90	22	00418840
MF 52 × 2	2,0	51,82	90	22	00418850

ROUND DIES

TECHNICAL INFORMATION

Standard	DIN EN 22568 (DIN 223)	Direction	Right
Thread	BSW		
Material	HSS	Form	Form B
Raw material	Steel		

Round die, with spiral point

					Art.-No.
BSW 1/16	60	1,55	16	5	00436010
BSW 3/32	48	2,3	16	5	00436020
BSW 1/8	40	2,6	20	5	00436030
BSW 5/32	32	3,2	20	5	00436040
BSW 3/16	24	3,8	20	7	00436050
BSW 7/32	24	4,6	20	7	00436060
BSW 1/4	20	5,1	20	7	00436070
BSW 5/16	18	6,5	25	9	00436080
BSW 3/8	16	7,9	30	11	00436090
BSW 7/16	14	9,3	30	11	00436100
BSW 1/2	13	10,5	38	14	00436110
BSW 9/16	12	12,0	38	14	00436120
BSW 5/8	11	13,5	45	18	00436130
BSW 3/4	10	16,5	45	18	00436140
BSW 7/8	9	19,5	55	22	00436150
BSW 1	8	22,0	55	22	00436160
BSW 1.1/8	7	25,0	65	25	00436170
BSW 1.1/4	7	28,0	65	25	00436180
BSW 1.3/8	6	30,5	65	25	00436190
BSW 1.1/2	6	33,5	75	30	00436200
BSW 1.5/8	5	40,76	75	30	00436210
BSW 1.3/4	5	43,94	90	36	00436220
BSW 1.7/8	4,5	47,08	90	36	00436230
BSW 2	4,5	50,27	90	36	00436240
BSW 2.1/4	4	56,57	105	36	00436250
BSW 2.1/2	4	62,92	120	36	00436260
BSW 2.3/4	3,5	69,27	120	36	00436270
BSW 3	3,5	75,62	120	36	00436280

ROUND DIES

ROUND DIES LH



TECHNICAL INFORMATION

Standard	DIN EN 22568 (DIN 223)	Direction	Left
Thread	BSW		
Material	HSS	Form	Form B
Raw material	Steel		

Round die, with spiral point

					Art.-No.
BSW 1/8	40	2,6	20	5	00437030
BSW 5/32	32	3,2	20	5	00437040
BSW 3/16	24	3,8	20	7	00437050
BSW 1/4	20	5,1	20	7	00437070
BSW 5/16	18	6,5	25	9	00437080
BSW 3/8	16	7,9	30	11	00437090
BSW 7/16	14	9,3	30	11	00437100
BSW 1/2	13	10,5	38	14	00437110
BSW 9/16	12	12,0	38	14	00437120
BSW 5/8	11	13,5	45	18	00437130
BSW 3/4	10	16,5	45	18	00437140
BSW 7/8	9	19,5	55	22	00437150
BSW 1	8	22,0	55	22	00437160

ROUND DIES



TECHNICAL INFORMATION

Standard	DIN EN 22568 (DIN 5158)	Direction	Right
Thread	BSP		
Material	HSS	Form	Form B
Raw material	Steel		

Round die, with spiral point

					Art.-No.
BSP 1/8	28	8,8	30	11	00452020
BSP 1/4	19	11,8	38	10	00452060
BSP 3/8	19	15,3	45	14	00452080
BSP 1/2	14	19,0	45	14	00452100
BSP 5/8	14	21,0	55	16	00452120
BSP 3/4	14	24,5	55	16	00452130
BSP 7/8	14	28,3	65	18	00452140
BSP 1	11	30,5	65	18	00452150
BSP 1.1/8	11	35,5	75	20	00452170
BSP 1.1/4	11	39,5	75	20	00452180

					Art.-No.
BSP 1.3/8	11	42,0	90	22	00452190
BSP 1.1/2	11	45,0	90	22	00452200
BSP 1.3/4	11	53,57	105	22	00452220
BSP 2	11	59,43	105	22	00452230
BSP 2.1/4	11	65,49	120	22	00452240
BSP 2.1/2	11	74,97	120	25	00452250
BSP 2.3/4	11	81,32	120	25	00452260
BSP 3	11	87,67	130	25	00452270

ROUND DIES LH



TECHNICAL INFORMATION

Standard	DIN EN 22568 (DIN 5158)	Direction	Left
Thread	BSP		
Material	HSS	Form	Form B
Raw material	Steel		

Round die, with spiral point

					Art.-No.
BSP 1/8	28	9,62	30	11	00456020
BSP 1/4	19	13,03	38	10	00456060
BSP 3/8	19	16,54	45	14	00456080
BSP 1/2	14	20,81	45	14	00456100
BSP 5/8	14	22,77	55	16	00456120
BSP 3/4	14	26,3	55	16	00456130
BSP 7/8	14	30,06	65	18	00456140
BSP 1	11	33,07	65	18	00456150
BSP 1.1/8	11	37,72	75	20	00456170
BSP 1.1/4	11	41,73	75	20	00456180
BSP 1.3/8	11	44,14	90	22	00456190
BSP 1.1/2	11	47,62	90	22	00456200
BSP 1.3/4	11	53,57	105	22	00456210
BSP 2	11	59,43	105	22	00456220

ROUND DIES

ROUND DIES



TECHNICAL INFORMATION

Standard	DIN EN 22568 (DIN 5158)	Direction	Right
Thread	BSP		
Material	HSSE	Form	Form B
Raw material	Stainless steel		

Round die, with spiral point

					Art.-No.
BSP 1/8	28	9,62	30	11	00458020
BSP 1/4	19	13,03	38	10	00458060
BSP 3/8	19	16,54	45	14	00458080
BSP 1/2	14	20,81	45	14	00458100
BSP 3/4	14	26,3	55	16	00458130
BSP 1	11	33,07	60	18	00458150
BSP 1.1/4	11	41,73	75	20	00458180
BSP 1.1/2	11	47,62	90	22	00458200

ROUND DIES



TECHNICAL INFORMATION

Standard	DIN EN 22568 (DIN 223)	Direction	Right
Thread	BSF		
Material	HSS	Form	Form B
Raw material	Steel		

Round die, with spiral point

					Art.-No.
BSF 3/16	32	4,68	20	7	00444040
BSF 1/4	26	5,3	20	7	00444060
BSF 5/16	22	6,8	25	9	00444070
BSF 3/8	20	8,3	30	11	00444080
BSF 7/16	18	9,7	30	11	00444090
BSF 1/2	16	11,1	38	10	00444100
BSF 5/8	14	14,0	45	14	00444120
BSF 3/4	12	16,8	45	14	00444140
BSF 7/8	11	19,8	55	22	00444160
BSF 1	10	22,8	55	22	00444180
BSF 1.1/8	9	28,25	65	25	00444200
BSF 1.1/4	9	31,4	65	25	00444210
BSF 1.3/8	8	34,6	65	25	00444220
BSF 1.1/2	8	37,7	75	30	00444230

ROUND DIES

TECHNICAL INFORMATION

Standard	DIN EN 22568 (DIN 223)	Direction	Right
Thread	UNC	Tolerance	2a
Material	HSS	Form	Form B
Raw material	Steel		

Round die, with spiral point

					Art.-No.
UNC No. 1	64	1,79	16	5	462010
UNC No. 2	56	2,12	16	5	462020
UNC No. 3	48	2,44	16	5	462030
UNC No. 4	40	2,76	20	5	462040
UNC No. 5	40	3,09	20	5	462050
UNC No. 6	32	3,41	20	7	462060
UNC No. 8	32	4,07	20	7	462080
UNC No. 10	24	4,71	20	7	462100
UNC No. 12	24	5,4	20	7	462120
UNC 1/4	20	6,2	20	7	462130
UNC 5/16	18	7,8	25	9	462140
UNC 3/8	16	9,37	30	11	462150
UNC 7/16	14	10,95	38	14	462160
UNC 1/2	13	12,52	38	14	462170
UNC 9/16	12	14,1	38	14	462180
UNC 5/8	11	15,68	45	18	462190
UNC 3/4	10	18,84	45	18	462210
UNC 7/8	9	22,08	55	22	462230
UNC 1	8	25,16	55	22	462250
UNC 1.1/8	7	28,31	65	25	462260
UNC 1.1/4	7	31,49	65	25	462270
UNC 1.3/8	6	34,63	65	25	462280
UNC 1.1/2	6	37,81	75	30	462290
UNC 1.3/4	5	44,12	90	36	462300
UNC 2	4,5	50,45	85	36	462310

ROUND DIES

ROUND DIES LH



TECHNICAL INFORMATION

Standard	DIN EN 22568 (DIN 223)	Direction	Left
Thread	UNC	Tolerance	2a
Material	HSS	Form	Form B
Raw material	Steel		

Round die, with spiral point

					Art.-No.
UNC No. 6	32	3,41	20	7	00465060
UNC No. 8	32	4,07	20	7	00465080
UNC No. 10	24	4,71	20	7	00465100
UNC No. 12	24	5,4	20	7	00465120
UNC 1/4	20	6,2	20	7	00465130
UNC 5/16	18	7,8	25	9	00465140
UNC 3/8	16	9,37	30	11	00465150
UNC 7/16	14	10,95	30	11	00465160
UNC 1/2	13	12,52	38	14	00465170
UNC 9/16	12	14,1	38	14	00465180
UNC 5/8	11	15,68	45	18	00465190
UNC 3/4	10	18,84	45	18	00465210
UNC 7/8	9	22,08	55	22	00465230
UNC 1	8	25,16	55	22	00465250

ROUND DIES



TECHNICAL INFORMATION

Standard	DIN EN 22568 (DIN 223)	Direction	Right
Thread	UNF	Tolerance	2a
Material	HSS	Form	Form B
Raw material	Steel		

Round die, with spiral point

					Art.-No.
UNF No. 0	80	1,47	16	5	00472000
UNF No. 1	72	1,79	16	5	00472010
UNF No. 2	64	2,12	16	5	00472020
UNF No. 3	56	2,45	16	5	00472030
UNF No. 4	48	2,77	20	5	00472040
UNF No. 5	44	3,1	20	5	00472050
UNF No. 6	40	3,42	20	5	00472060
UNF No. 8	36	4,08	20	7	00472080
UNF No. 10	32	4,73	20	7	00472100
UNF No. 12	28	5,38	20	7	00472120

					Art.-No.
UNF 1/4	28	6,24	20	7	00472130
UNF 5/16	24	7,82	25	9	00472140
UNF 3/8	24	9,41	30	11	00472150
UNF 7/16	20	10,98	30	11	00472160
UNF 1/2	20	12,56	38	10	00472170
UNF 9/16	18	14,14	38	10	00472180
UNF 5/8	18	15,73	45	14	00472190
UNF 3/4	16	18,89	45	14	00472210
UNF 7/8	14	22,05	55	16	00472230
UNF 1 (14)	14	25,34	55	16	00472250
UNF 1 (12)	12	25,21	55	16	00472260
UNF 1.1/8	12	28,38	65	18	00472270
UNF 1.1/4	12	31,56	65	18	00472280
UNF 1.3/8	12	34,73	65	18	00472290
UNF 1.1/2	12	37,91	75	20	00472300

ROUND DIES LH



TECHNICAL INFORMATION

Standard	DIN EN 22568 (DIN 223)	Direction	Left
Thread	UNF	Tolerance	2a
Material	HSS	Form	Form B
Raw material	Steel		

Round die, with spiral point

					Art.-No.
UNF No. 10	32	4,73	20	7	00475100
UNF No. 12	28	5,38	20	7	00475120
UNF 1/4	28	6,24	20	7	00475130
UNF 5/16	24	7,82	25	9	00475140
UNF 3/8	24	9,41	30	11	00475150
UNF 7/16	20	10,98	30	11	00475160
UNF 1/2	20	12,56	38	10	00475170
UNF 9/16	18	14,14	38	10	00475180
UNF 5/8	18	15,73	45	14	00475190
UNF 3/4	16	18,89	45	14	00475210
UNF 7/8	14	22,05	55	16	00475230
UNF 1 (14)	14	25,34	55	16	00475250
UNF 1 (12)	12	25,21	55	16	00475260

ROUND DIES

ROUND DIES



TECHNICAL INFORMATION

Standard	DIN EN 22568 (DIN 223)	Direction	Right
Thread	UNEF	Tolerance	2a
Material	HSS	Form	Form B
Raw material	Steel		

Round die, with spiral point

					Art.-No.
UNEF No. 12	32	5,41	20	7	00478010
UNEF 1/4	32	6,27	20	7	00478020
UNEF 5/16	32	7,86	25	9	00478030
UNEF 3/8	32	9,45	30	11	00478040
UNEF 7/16	28	11,0	30	11	00478050
UNEF 1/2	28	12,6	38	10	00478060
UNEF 9/16	24	14,2	38	10	00478070
UNEF 5/8	24	15,8	45	14	00478080
UNEF 11/16	24	17,4	45	14	00478090
UNEF 3/4	20	18,9	45	14	00478100
UNEF 13/16	20	20,5	55	16	00478110
UNEF 7/8	20	22,1	55	16	00478120
UNEF 15/16	20	23,7	55	16	00478130
UNEF 1	20	25,3	55	16	00478140
UNEF 1.1/16	18	26,8	65	18	00478150
UNEF 1.1/8	18	28,4	65	18	00478160
UNEF 1.3/16	18	30,0	65	18	00478170
UNEF 1.1/4	18	31,6	65	18	00478180
UNEF 1.5/16	18	33,2	65	18	00478190
UNEF 1.3/8	18	34,8	65	18	00478200
UNEF 1.7/16	18	36,4	75	20	00478210
UNEF 1.1/2	18	37,9	75	20	00478220

ROUND DIES

TECHNICAL INFORMATION

Standard	DIN EN 22568 (DIN 223)	Direction	Right
Thread	UN / UNS	Tolerance	2a
Material	HSS	Form	Form B
Raw material	Steel		

Round die, with spiral point

					Art.-No.
UNS 1/4	40	6,28	20	5	00466010
UNS 1/4	36	6,27	20	5	00466020
UNS 1/4	24	6,23	20	7	00466030
UNS 1/2	24	12,58	38	10	00466050
UN 11/16	20	17,33	45	14	00466070
UN 11/16	16	17,31	45	14	00466080
UNS 1"	14	25,24	55	16	00466090
UN 1.1/16	12	26,8	65	18	00466100
UN 1.1/8	8	28,34	65	25	00466110
UN 1.1/4	8	31,51	65	25	00466130
UN 1.5/16	12	33,15	65	18	00466140
UN 1.3/8	8	34,69	65	25	00466150
UN 1.1/2	8	37,86	75	20	00466160
UN 1.5/8	12	41,09	75	20	00466170
UN 1.3/4	12	44,26	90	22	00466190
UN 1.3/4	8	44,21	90	22	00466200
UN 2"	12	50,61	90	22	00466230

ROUND DIES

ROUND DIES



TECHNICAL INFORMATION

Standard	DIN EN 22568 (DIN 223)	Direction	Right
Thread	Pg	Form	Form B
Material	HSS		
Raw material	Steel		

Round die, with spiral point

					Art.-No.
Pg 7	20	12,4	38	10	00490010
Pg 9	18	15,1	38	10	00490020
Pg 11	18	18,5	45	14	00490030
Pg 13,5	18	20,3	45	14	00490040
Pg 16	18	22,4	55	16	00490050
Pg 21	16	28,1	65	18	00490060
Pg 29	16	36,9	65	18	00490070
Pg 36	16	46,9	90	22	00490080
Pg 42	16	53,9	90	22	00490090
Pg 48	16	59,2	105	22	00490100

ROUND DIES



TECHNICAL INFORMATION

Standard	DIN EN 22568 (DIN 223)	Direction	Right
Thread	NPT	Form	Form B
Material	HSS		
Raw material	Steel		

Round die, with spiral point

					Art.-No.
NPT 1/16	27	7,94	25	9	00480010
NPT 1/8	27	10,29	30	11	00480020
NPT 1/4	18	13,72	38	14	00480030
NPT 3/8	18	17,15	45	18	00480040
NPT 1/2	14	21,34	45	18	00480050
NPT 3/4	14	26,67	55	22	00480060
NPT 1	11,5	33,4	65	25	00480070
NPT 1.1/4	11,5	42,16	75	26	00480080
NPT 1.1/2	11,5	48,26	90	27	00480090
NPT 2	11,5	60,33	105	28	00480100

ROUND DIES

TECHNICAL INFORMATION

Standard	DIN EN 22568 (DIN 223)	Direction	Right
Thread	NPTF	Form	Form B
Material	HSS		
Raw material	Steel		

Round die, with spiral point

					Art.-No.
NPTF 1/16	27	7,94	25	9	00482010
NPTF 1/8	27	10,29	30	11	00482020
NPTF 1/4	18	13,72	38	14	00482030
NPTF 3/8	18	17,15	45	18	00482040
NPTF 1/2	14	21,34	45	18	00482050
NPTF 3/4	14	26,67	55	22	00482060
NPTF 1	11,5	33,4	65	25	00482070

ROUND DIES

TECHNICAL INFORMATION

Standard	DIN EN 22568 (DIN 223)	Direction	Right
Thread	NPS	Form	Form B
Material	HSS		
Raw material	Steel		

Round die, with spiral point

					Art.-No.
NPS 1/8	27		38	10	00485010
NPS 1/4	18		38	10	00485020
NPS 3/8	18		45	14	00485030
NPS 1/2	14		45	14	00485040
NPS 3/4	14		65	18	00485050
NPS 1	11,5		65	18	00485060

ROUND DIES

ROUND DIES



TECHNICAL INFORMATION

Standard	DIN EN 22568 (DIN 223)	Direction	Right
Thread	Tr	Tolerance	7e
Material	HSS	Form	Form B
Raw material	Steel		

Round die, with spiral point

					Art.-No.
Tr 10×2	2	9,91	38	14	00492010
Tr 10×3	3	9,88	38	14	00492020
Tr 12×2	2	11,91	38	14	00492030
Tr 12×3	3	11,88	38	14	00492040
Tr 14×2	2	13,91	38	14	00492050
Tr 14×3	3	13,88	45	18	00492060
Tr 14×4	4	13,85	45	18	00492070
Tr 16×2	2	15,91	45	18	00492080
Tr 16×4	4	15,85	45	18	00492090
Tr 18×2	2	17,91	45	18	00492100
Tr 18×4	4	17,85	45	18	00492110
Tr 20×2	2	19,91	45	18	00492120
Tr 20×4	4	19,85	55	22	00492130
Tr 22×5	5	21,83	55	22	00492140
Tr 24×3	3	23,88	55	22	00492150
Tr 24×5	5	23,83	65	25	00492160
Tr 26×5	5	25,83	65	25	00492170
Tr 28×5	5	27,83	65	25	00492180
Tr 30×6	6	29,81	65	25	00492200
Tr 32×6	6	31,81	65	25	00492210
Tr 36×3	3	35,88	65	25	00492220
Tr 36×6	6	35,81	65	25	00492230

ROUND DIES LH



TECHNICAL INFORMATION

Standard	DIN EN 22568 (DIN 223)	Direction	Left
Thread	Tr	Tolerance	7e
Material	HSS	Form	Form B
Raw material	Steel		

Round die, with spiral point

					Art.-No.
Tr 10×2	2	9,91	38	14	00494010
Tr 10×3	3	9,88	38	14	00494020
Tr 12×3	3	11,88	38	14	00494040
Tr 14×4	4	13,85	45	18	00494070
Tr 16×4	4	15,85	45	18	00494090
Tr 18×4	4	17,85	45	18	00494110
Tr 20×4	4	19,85	55	22	00494130
Tr 24×5	5	23,83	65	25	00494160

ROUND DIES



TECHNICAL INFORMATION

Standard	DIN EN 22568 (DIN 223)	Direction	Right
Thread	Rd	Tolerance	7g
Material	HSS	Form	Form B
Raw material	Steel		

Round die, with spiral point

					Art.-No.
Rd 8	10	7,9	30	11	00496010
Rd 9	10	8,9	38	14	00496020
Rd 10	10	9,9	38	14	00496030
Rd 12	10	11,9	38	14	00496040
Rd 14	8	13,8	45	18	00496050
Rd 16	8	15,8	45	18	00496060
Rd 18	8	17,8	45	18	00496070
Rd 20	8	19,8	55	22	00496080
Rd 22	8	21,8	55	22	00496090
Rd 24	8	23,8	55	22	00496100
Rd 26	8	25,8	65	25	00496110
Rd 28	8	27,8	65	25	00496120
Rd 30	8	29,8	65	25	00496130
Rd 32	8	31,8	65	25	00496140
Rd 36	8	35,8	65	25	00496160

ROUND DIES / ROUND DIE GUIDES

ROUND DIES



TECHNICAL INFORMATION

Standard	DIN EN 22568 (DIN 223)	Direction	Right
Thread	Vg	Form	Form B
Material	HSS		
Raw material	Steel		

Round die, with spiral point, for valve threads according to DIN 7756, thread angle 60°

					Art.-No.
Vg 5	36		20	7	00498010
Vg 5,2	24		20	7	00498020
Vg 6	32		20	7	00498030
Vg 8	32		25	9	00498050
Vg 10	28		30	11	00498060
Vg 12	26		30	11	00498070

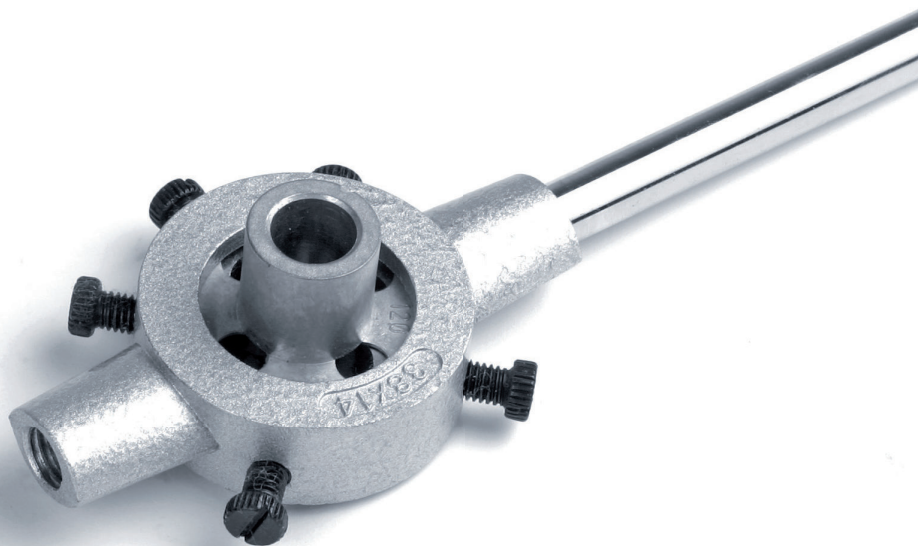
ROUND DIE GUIDES

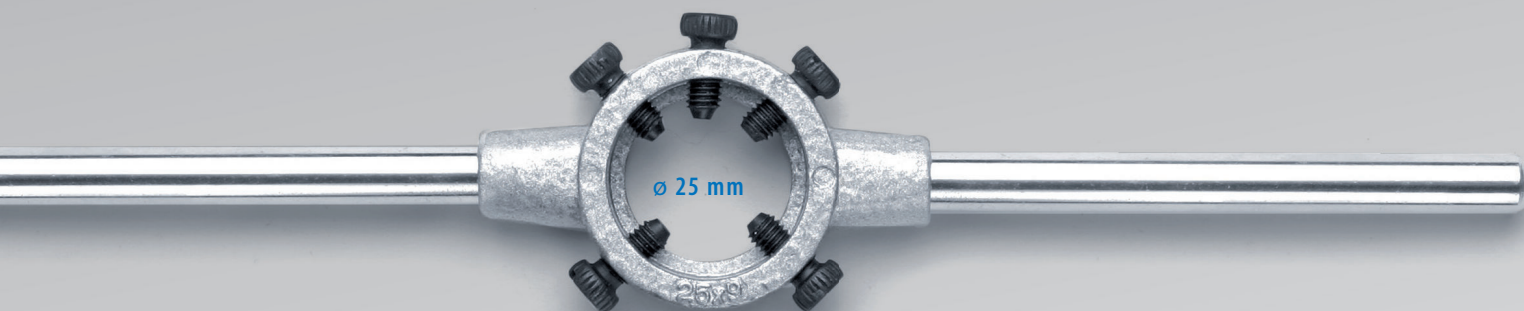


TECHNICAL INFORMATION

Material Aluminium

No.			Art.-No.
1	M 3	2,92	00499001
2	M 4	3,91	00499002
3	M 5	4,9	00499003
4	M 6	5,88	00499004
5	M 8	7,87	00499005
6	M 10	9,95	00499006
7	M 12	11,83	00499007
Set 1-7	M 3-12	—	00499010




 $25 \times 9 \text{ mm}$


M3



M4



M5



M6



M8



M10



M12

► COMBINED ROUND DIES

ACCORDING TO FACTORY STANDARD (SIMILAR TO DIN EN 22568)

Round dies that have the same outer diameter of $d=25$ for the sizes M3, M4, M5, M6, M8, M10 and M12 are called combined round dies. They vary from the DIN EN standard in their outer

diameter. Thus, the user only needs one round die holder size $25 \times 9 \text{ mm}$ for the sizes M3 to M12. (see also: Combined threading tool sets)

COMBINED ROUND DIES



TECHNICAL INFORMATION

Standard	Factory Standard	Direction	Right
Thread	M	Tolerance	6g
Material	HSS	Form	Form B
Raw material	Steel		

Round die, diameter 25 x 9 mm

						Art.-No.
M 3	0,5	2,92	25	9		00403130
M 4	0,7	3,91	25	9		00403150
M 5	0,8	4,9	25	9		00403170
M 6	1,0	5,88	25	9		00403190
M 8	1,25	7,87	25	9		00403210
M 10	1,5	9,85	25	9		00403230
M 12	1,75	11,83	25	9		00403250

COMBINED ROUND DIE GUIDES



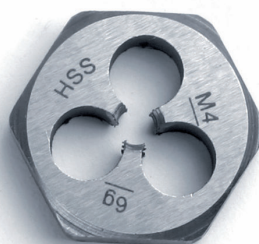
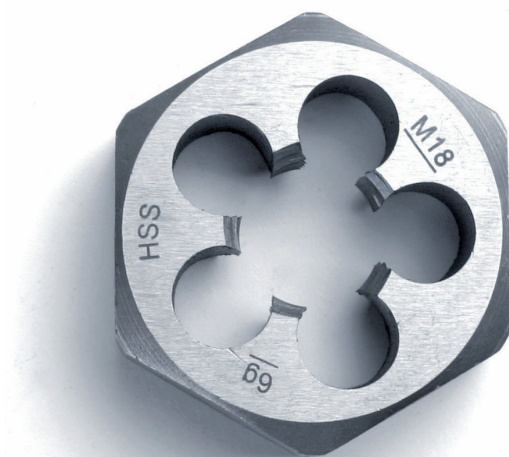
TECHNICAL INFORMATION

Material	Aluminium

For round die holders according to factory standard, d=25mm

No.			Art.-No.
1	M 3	2,92	00499101
2	M 4	3,91	00499102
3	M 5	4,9	00499103
4	M 6	5,88	00499104
5	M 8	7,87	00499105
6	M 10	9,95	00499106
7	M 12	11,83	00499107
Set 1-7	M 3-12	—	00499110





DIN 382

M10

M4

▶ HEXAGON DIE NUTS

DIN 382

M16

EXTERNAL THREADS



M6

Hexagon die nuts are used for assembly works and re-cutting of threads with low and medium tensile strength. The standardized key metrics of the hexagon enable the usage of ring wrenches and open-end wrenches as operating tools. The hexagon's surfaces are abrasion resistant and corrosion-resistant burnished.

M18

M3

HEXAGON DIE NUTS DIN 382

HEXAGON DIE NUTS



TECHNICAL INFORMATION

Standard	DIN 382	Direction	Right
Thread	M	Tolerance	6g
Material	HSS		
Raw material	Steel		

					Art.-No.
M 3	0,5	2,92	19	5	00502130
M 3,5	0,6	3,41	19	5	00502140
M 4	0,7	3,91	19	5	00502150
M 4,5	0,75	4,41	19	7	00502160
M 5	0,8	4,9	19	7	00502170
M 5,5	0,9	5,4	19	7	00502180
M 6	1,0	5,88	19	7	00502190
M 7	1,0	6,88	22	9	00502200
M 8	1,25	7,87	22	9	00502210
M 9	1,25	8,87	22	9	00502220
M 10	1,5	9,85	27	11	00502230
M 11	1,5	10,85	27	11	00502240
M 12	1,75	11,83	36	14	00502250
M 14	2,0	13,82	36	14	00502260
M 16	2,0	15,82	41	18	00502270
M 18	2,5	17,79	41	18	00502280
M 20	2,5	19,79	41	18	00502290
M 22	2,5	21,79	50	22	00502300
M 24	3,0	23,77	50	22	00502310
M 27	3,0	26,77	60	25	00502320
M 30	3,5	29,73	60	25	00502330
M 33	3,5	32,73	60	25	00502340
M 36	4,0	35,7	60	25	00502350
M 39	4,0	38,7	70	30	00502360
M 42	4,5	41,69	70	30	00502370
M 45	4,5	44,69	85	36	00502380
M 48	5,0	47,66	85	36	00502390
M 52	5,0	51,66	85	36	00502400
M 56	5,0	51,66	85	36	00502410
M 60	5,5	59,62	100	36	00502420
M 64	6,0	63,58	115	36	00502430
M 68	6,0	67,58	115	36	00502440
M 70	6,0	69,58	120	36	00502450
M 72	6,0	71,58	120	36	00502460
M 76	6,0	75,58	120	36	00502470
M 80	6,0	79,58	130	36	00502480

HEXAGON DIE NUTS LH

TECHNICAL INFORMATION

Standard	DIN 382	Direction	Left
Thread	M	Tolerance	6g
Material	HSS		
Raw material	Steel		

					Art.-No.
M 3	0,5	2,92	20	5	00504130
M 4	0,7	3,91	20	5	00504150
M 5	0,8	4,9	20	7	00504170
M 6	1,0	5,88	20	7	00504190
M 7	1,0	6,88	25	9	00504200
M 8	1,25	7,87	25	9	00504210
M 10	1,5	9,85	30	11	00504230
M 12	1,75	11,83	38	14	00504250
M 14	2,0	13,82	38	14	00504260
M 16	2,0	15,82	45	18	00504270
M 18	2,5	17,79	45	18	00504280
M 20	2,5	19,79	45	18	00504290
M 22	2,5	21,79	55	22	00504300
M 24	3,0	23,77	55	22	00504310
M 27	3,0	26,77	65	25	00504320
M 30	3,5	29,73	65	25	00504330
M 33	3,5	32,73	65	25	00504340
M 36	4,0	35,7	65	25	00504350
M 39	4,0	38,7	75	30	00504360
M 42	4,5	41,69	75	30	00504370
M 45	4,5	44,69	90	36	00504380
M 48	5,0	47,66	90	36	00504390
M 52	5,0	51,66	90	36	00504400

HEXAGON DIE NUTS DIN 382

HEXAGON DIE NUTS



TECHNICAL INFORMATION

Standard	DIN 382	Direction	Right
Thread	MF	Tolerance	6g
Material	HSS		
Raw material	Steel		

					Art.-No.
MF 3 × 0,35	0,35	2,65	19	5	00514200
MF 3,5 × 0,35	0,35	3,44	19	5	00514220
MF 4 × 0,35	0,35	3,65	19	5	00514230
MF 4 × 0,5	0,5	3,93	19	5	00514240
MF 4,5 × 0,5	0,5	4,43	19	5	00514260
MF 5 × 0,5	0,5	4,5	19	5	00514280
MF 5 × 0,75	0,75	4,91	19	5	00514290
MF 6 × 0,5	0,5	5,93	19	5	00514320
MF 6 × 0,75	0,75	5,25	19	7	00514330
MF 7 × 0,75	0,75	6,91	22	9	00514360
MF 8 × 0,5	0,5	7,93	22	9	00514380
MF 8 × 0,75	0,75	7,25	22	9	00514390
MF 8 × 1	1,0	7,0	22	9	00514400
MF 8 × 1,5	1,5	7,85	22	9	00514410
MF 9 × 0,75	0,75	8,91	22	9	00514430
MF 9 × 1	1,0	8,88	22	9	00514440
MF 10 × 0,5	0,5	9,93	27	11	00514450
MF 10 × 0,75	0,75	9,91	27	11	00514460
MF 10 × 1	1,0	9,0	27	11	00514470
MF 10 × 1,25	1,25	9,87	27	11	00514480
MF 11 × 1	1,0	10,88	27	11	00514510
MF 11 × 1,25	1,25	10,87	27	11	00514520
MF 12 × 0,5	0,5	11,93	36	10	00514530
MF 12 × 0,75	0,75	11,91	36	10	00514540
MF 12 × 1	1,0	11,88	36	10	00514550
MF 12 × 1,25	1,25	11,87	36	10	00514560
MF 12 × 1,5	1,5	10,5	36	10	00514570
MF 13 × 1	1,0	12,88	36	10	00514600
MF 13 × 1,25	1,25	12,87	36	10	00514610
MF 13 × 1,5	1,5	12,85	36	10	00514620
MF 14 × 0,75	0,75	13,91	36	10	00514640
MF 14 × 1	1,0	13,88	36	10	00514650
MF 14 × 1,25	1,25	12,75	36	10	00514660
MF 14 × 1,5	1,5	12,5	36	10	00514670
MF 15 × 1	1,0	14,88	36	10	00514700
MF 15 × 1,5	1,5	14,85	36	10	00514720

					Art.-No.
MF 16 × 0,75	0,75	15,98	41	14	00514740
MF 16 × 1	1,0	15,88	41	14	00514750
MF 16 × 1,25	1,25	15,86	41	14	00514760
MF 16 × 1,5	1,5	14,5	41	14	00514770
MF 17 × 1	1,0	16,88	41	14	00514790
MF 17 × 1,5	1,5	16,85	41	14	00514800
MF 18 × 1	1,0	17,88	41	14	00514840
MF 18 × 1,25	1,25	17,86	41	14	00514850
MF 18 × 1,5	1,5	16,5	41	14	00514860
MF 18 × 2	2,0	16,0	41	14	00514870
MF 19 × 1,5	1,5	18,85	41	14	00514890
MF 20 × 1	1,0	19,88	41	14	00514930
MF 20 × 1,25	1,25	19,86	41	14	00514940
MF 20 × 1,5	1,5	18,5	41	14	00514950
MF 20 × 2	2,0	18,0	41	14	00514960
MF 21 × 1,5	1,5	20,85	50	16	00515000
MF 22 × 1	1,0	21,88	50	16	00515030
MF 22 × 1,25	1,25	21,86	50	16	00515040
MF 22 × 1,5	1,5	20,5	50	16	00515050
MF 22 × 2	2,0	20,0	50	16	00515060
MF 23 × 1,5	1,5	22,85	50	16	00515080
MF 24 × 1	1,0	23,88	50	16	00515110
MF 24 × 1,25	1,25	23,86	50	16	00515120
MF 24 × 1,5	1,5	22,5	50	16	00515130
MF 24 × 2	2,0	22,0	50	16	00515140
MF 25 × 1	1,0	24,88	50	16	00515150
MF 25 × 1,5	1,5	24,85	50	16	00515170
MF 25 × 2	2,0	24,82	50	16	00515180
MF 26 × 1	1,0	25,88	50	16	00515190
MF 26 × 1,5	1,5	24,5	60	18	00515210
MF 26 × 2	2,0	24,0	60	18	00515220
MF 27 × 1	1,0	26,88	60	18	00515230
MF 27 × 1,5	1,5	25,5	60	18	00515240
MF 27 × 2	2,0	25,0	60	18	00515250
MF 28 × 1	1,0	27,88	60	18	00515260
MF 28 × 1,5	1,5	26,5	60	18	00515270
MF 28 × 2	2,0	26,0	60	18	00515280
MF 30 × 1	1,0	29,88	60	18	00515290
MF 30 × 1,5	1,5	28,5	60	18	00515300
MF 30 × 2	2,0	28,0	60	18	00515310
MF 30 × 3	3,0	29,76	60	25	00515320
MF 32 × 1	1,0	31,88	60	18	00515330
MF 32 × 1,5	1,5	30,5	60	18	00515340
MF 32 × 2	2,0	31,82	60	18	00515350

HEXAGON DIE NUTS DIN 382

					Art.-No.
MF 33 × 1	1,0	32,88	60	18	00515370
MF 33 × 1,5	1,5	32,85	60	18	00515380
MF 33 × 2	2,0	32,82	60	18	00515390
MF 33 × 3	3,0	32,76	60	25	00515400
MF 34 × 1	1,0	33,88	60	18	00515410
MF 34 × 1,5	1,5	33,85	60	18	00515420
MF 34 × 2	2,0	33,82	60	18	00515430
MF 35 × 1	1,0	34,88	60	18	00515450
MF 35 × 1,5	1,5	33,5	60	18	00515460
MF 35 × 2	2,0	34,82	60	18	00515470
MF 36 × 1	1,0	35,88	60	18	00515490
MF 36 × 1,5	1,5	34,5	60	18	00515500
MF 36 × 2	2,0	35,82	60	18	00515510
MF 36 × 3	3,0	35,76	60	25	00515520
MF 38 × 1	1,0	37,88	70	20	00515530
MF 38 × 1,5	1,5	36,5	70	20	00515540
MF 38 × 2	2,0	37,82	70	20	00515550
MF 38 × 3	3,0	37,76	70	20	00515560
MF 39 × 1,5	1,5	38,85	70	20	00515570
MF 39 × 2	2,0	38,82	70	20	00515580
MF 39 × 3	3,0	38,76	70	20	00515590
MF 40 × 1	1,0	39,88	70	20	00515600
MF 40 × 1,5	1,5	38,5	70	20	00515610
MF 40 × 2	2,0	39,82	70	20	00515620
MF 40 × 3	3,0	39,76	70	20	00515630
MF 42 × 1,5	1,5	40,5	70	20	00515640
MF 42 × 2	2,0	41,82	70	20	00515650
MF 42 × 3	3,0	41,76	70	20	00515660
MF 45 × 1	1,0	44,88	85	22	00515680
MF 45 × 1,5	1,5	44,85	85	22	00515690
MF 45 × 2	2,0	44,82	85	22	00515700
MF 45 × 3	3,0	44,76	85	22	00515710
MF 48 × 1,5	1,5	47,85	85	22	00515740
MF 48 × 2	2,0	47,82	85	22	00515750
MF 48 × 3	3,0	47,76	85	22	00515760
MF 48 × 4	4,0	47,68	85	22	00515770
MF 50 × 1,5	1,5	49,85	85	22	00515790
MF 50 × 2	2,0	49,82	85	22	00515800
MF 50 × 3	3,0	49,76	85	22	00515810
MF 52 × 1,5	1,5	51,85	85	22	00515840
MF 52 × 2	2,0	51,82	85	22	00515850
MF 52 × 3	3,0	51,76	85	22	00515860

HEXAGON DIE NUTS LH

TECHNICAL INFORMATION

Standard	DIN 382	Direction	Left
Thread	MF	Tolerance	6g
Material	HSS		
Raw material	Steel		

					Art.-No.
MF 8 × 1	1,0	7,88	22	9	00517400
MF 10 × 1	1,0	9,88	27	11	00517470
MF 12 × 1,5	1,5	11,85	36	10	00517570
MF 14 × 1,5	1,5	13,85	36	10	00517670
MF 16 × 1,5	1,5	15,85	41	14	00517770
MF 18 × 1,5	1,5	17,85	41	14	00517860
MF 20 × 1,5	1,5	19,85	41	14	00517950
MF 22 × 1,5	1,5	21,85	50	16	00518050
MF 24 × 1,5	1,5	23,85	50	16	00518130
MF 26 × 1,5	1,5	25,85	60	18	00518210
MF 28 × 1,5	1,5	27,85	60	18	00518270
MF 30 × 1,5	1,5	29,85	60	18	00518300

HEXAGON DIE NUTS

TECHNICAL INFORMATION

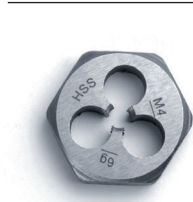
Standard	DIN 382	Direction	Right
Thread	BSW		
Material	HSS		
Raw material	Steel		

					Art.-No.
BSW 1/8	40	2,6	19	5	00536030
BSW 5/32	32	3,88	19	5	00536040
BSW 3/16	24	3,8	19	7	00536050
BSW 7/32	24	5,43	19	7	00536060
BSW 1/4	20	5,1	19	7	00536070
BSW 5/16	18	6,5	22	9	00536080
BSW 3/8	16	7,9	27	11	00536090
BSW 7/16	14	9,3	27	11	00536100
BSW 1/2	12	10,5	36	14	00536110
BSW 9/16	12	12,0	36	14	00536120
BSW 5/8	11	13,5	41	18	00536130
BSW 3/4	10	16,5	41	18	00536140

HEXAGON DIE NUTS DIN 382

					Art.-No.
BSW 7/8	9	19,5	50	22	00536150
BSW 1	8	22,0	50	22	00536160
BSW 1.1/8	7	25,0	60	25	00536170
BSW 1.1/4	7	28,0	60	25	00536180
BSW 1.3/8	6	30,5	60	25	00536190
BSW 1.1/2	6	33,5	70	30	00536200
BSW 1.5/8	5	40,76	70	30	00536210
BSW 1.3/4	5	39,0	85	36	00536220
BSW 1.7/8	4,5	47,08	85	36	00536230
BSW 2	4,5	44,5	85	36	00536240
BSW 2.1/4	4	56,57	100	36	00536250
BSW 2.1/2	4	62,92	115	36	00536260
BSW 2.3/4	3,5	69,27	115	36	00536270
BSW 3	3,5	75,62	115	36	00536280

HEXAGON DIE NUTS



TECHNICAL INFORMATION

Standard	DIN 382	Direction	Right
Thread	BSF		
Material	HSS		
Raw material	Steel		

					Art.-No.
BSF 3/16	32	4,0	19	7	00544040
BSF 1/4	26	5,3	19	7	00544060
BSF 5/16	22	6,8	22	9	00544070
BSF 3/8	20	8,3	27	11	00544080
BSF 7/16	18	9,7	27	11	00544090
BSF 1/2	16	11,1	36	10	00544100
BSF 9/16	16	12,7	36	10	00544110
BSF 5/8	14	14,0	41	14	00544120
BSF 3/4	12	16,8	41	14	00544140
BSF 7/8	11	19,8	50	16	00544160
BSF 1	10	22,8	50	16	00544180

HEXAGON DIE NUTS



TECHNICAL INFORMATION

Standard	DIN 382	Direction	Right
Thread	BSP		
Material	HSS		
Raw Material	Steel		

					Art.-No.
BSP 1/8	28	8,8	36	10	00552020
BSP 1/4	19	11,8	36	10	00552060
BSP 3/8	19	15,3	41	14	00552080
BSP 1/2	14	19,0	41	14	00552100
BSP 5/8	14	21,0	50	16	00552120
BSP 3/4	14	24,5	60	18	00552130
BSP 7/8	14	28,3	60	18	00552140
BSP 1	11	30,5	60	18	00552150
BSP 1.1/8	11	35,5	70	22	00552170
BSP 1.1/4	11	39,5	70	22	00552180
BSP 1.3/8	11	42,0	85	22	00552190
BSP 1.1/2	11	45,0	85	22	00552200
BSP 1.3/4	11	51,0	100	22	00552210
BSP 2	11	57,0	100	22	00552220
BSP 2.1/4	11	65,49	115	22	00552240
BSP 2.1/2	11	74,97	115	22	00552250
BSP 2.3/4	11	81,32	115	22	00552260
BSP 3	11	87,67	130	25	00552270

HEXAGON DIE NUTS



TECHNICAL INFORMATION

Standard	DIN 382	Direction	Right
Thread	BSPT		
Material	HSS		
Raw material	Steel		

					Art.-No.
BSPT 1/4	19		28	12,7	00553060
BSPT 3/8	19		33	15,9	00553080
BSPT 1/2	14		42	20,6	00553100
BSPT 3/4	14		52	23,8	00553130
BSPT 1	11		65	28,5	00553150

HEXAGON DIE NUTS DIN 382

HEXAGON DIE NUTS LH



TECHNICAL INFORMATION

Standard	DIN 382	Direction	Left
Thread	BSP		
Material	HSS		
Raw material	Steel		

					Art.-No.
BSP 1/8	28	9,62	36	10	00556010
BSP 1/4	19	13,03	36	10	00556020
BSP 3/8	19	16,54	41	14	00556030
BSP 1/2	14	20,81	41	14	00556040
BSP 5/8	14	22,77	50	16	00556050
BSP 3/4	14	26,3	60	18	00556060
BSP 7/8	14	30,06	60	18	00556070
BSP 1	11	33,07	60	18	00556080
BSP 1.1/8	11	37,72	70	22	00556090
BSP 1.1/4	11	41,73	70	22	00556100
BSP 1.3/8	11	44,14	85	22	00556110
BSP 1.1/2	11	47,62	85	22	00556120
BSP 1.3/4	11	53,57	100	22	00556220
BSP 2	11	59,43	100	22	00556230

HEXAGON DIE NUTS



TECHNICAL INFORMATION

Standard	DIN 382	Direction	Right
Thread	UNC	Tolerance	2a
Material	HSS		
Raw material	Steel		

					Art.-No.
UNC No. 10	24	4,71	19	7	00562100
UNC No. 12	24	5,37	19	7	00562120
UNC 1/4	20	5,2	19	7	00562130
UNC 5/16	18	6,6	22	9	00562140
UNC 3/8	16	8,0	27	11	00562150
UNC 7/16	14	9,4	27	11	00562160
UNC 1/2	13	10,8	36	14	00562170
UNC 9/16	12	12,3	36	14	00562180
UNC 5/8	11	13,5	41	18	00562190
UNC 3/4	10	16,5	41	18	00562210
UNC 7/8	9	19,5	50	22	00562230
UNC 1	8	22,3	50	22	00562250
UNC 1.1/8	7	25,0	60	25	00562260
UNC 1.1/4	7	28,3	60	25	00562270
UNC 1.3/8	6	30,8	60	25	00562280
UNC 1.1/2	6	34,0	70	30	00562290
UNC 1.3/4	5	39,5	85	36	00562310
UNC 2	4,5	45,0	85	36	00562330

HEXAGON DIE NUTS DIN 382

HEXAGON DIE NUTS

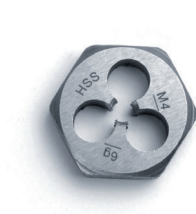


TECHNICAL INFORMATION

Standard	DIN 382	Direction	Right
Thread	UNF	Tolerance	2a
Material	HSS		
Raw material	Steel		

					Art.-No.
UNF No. 10	32	4,73	18	7	00572100
UNF No. 12	28	5,38	18	7	00572120
UNF 1/4	28	6,24	19	7	00572130
UNF 5/16	24	7,82	22	9	00572140
UNF 3/8	24	9,41	27	11	00572150
UNF 7/16	20	10,98	27	11	00572160
UNF 1/2	20	12,56	36	10	00572170
UNF 9/16	18	14,14	36	10	00572180
UNF 5/8	18	15,73	41	14	00572190
UNF 3/4	16	18,89	41	14	00572210
UNF 7/8	14	22,05	50	16	00572230
UNF 1	12	25,21	50	16	00572250
UNF 1.1/8	12	28,38	60	18	00572270
UNF 1.1/4	12	31,56	60	18	00572280
UNF 1.3/8	12	34,73	60	18	00572290
UNF 1.1/2	12	37,91	70	20	00572300

HEXAGON DIE NUTS



TECHNICAL INFORMATION

Standard	DIN 382	Direction	Right
Thread	NPT		
Material	HSS		
Raw material	Steel		

					Art.-No.
NPT 1/8	27	9,93	27	11	00580020
NPT 1/4	18	13,18	36	14	00580030
NPT 3/8	18	16,6	41	14	00580040
NPT 1/2	14	20,63	41	18	00580050
NPT 3/4	14	25,95	60	18	00580060
NPT 1	11,5	32,51	60	25	00580070

