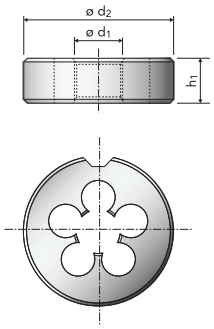
F SERIES

Dies

DIES
With spiral point

HSS

DIN EN 22568



APPLICATION RANGE - CUTTING SPEED m/min

ISO	MG	X200 BRIGHT	X200 LH BRIGHT		
P	P.1-4	•	•		
	P.7	•	•		
M	M.1	•	•		
K	K.2	•	•		
N	N.1-3	•	•		
	N.5-7	•	•		

	X200 BRIGHT	X200 LH BRIGHT
Tolerance	ISO 6g	ISO 6g
Chamfer form	1,75xP	1,75xP
Hole type	—	—
Direction of cut	RH	LH
Through coolant	—	—

Ød1 [mm]	P [mm]	Ød2 [mm]	h1 [mm]	X200 BRIGHT	X200 LH BRIGHT
M 2	0,4	16	5	•	
2,2	0,45	16	5	•	
2,5	0,45	16	5	•	
3	0,5	20	5	•	•
3,5	0,6	20	5	•	
4	0,7	20	5	•	•
5	0,8	20	7	•	•
6	1	20	7	•	•
7	1	25	9	•	
8	1,25	25	9	•	•
9	1,25	25	9	•	
10	1,5	30	11	•	•
11	1,5	30	11	•	
12	1,75	38	14	•	•
14	2	38	14	•	•
16	2	45	18	•	
18	2,5	45	18	•	
20	2,5	45	18	•	
22	2,5	55	22	•	
24	3	55	22	•	
27	3	65	25	•	
30	3,5	65	25	•	
33	3,5	65	25	•	
36	4	65	25	•	
39	4	75	30	•	

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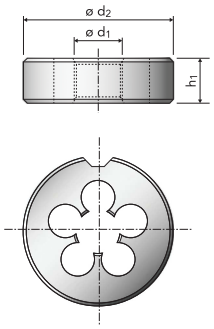
X201
BRIGHT

DIN EN 22568



APPLICATION RANGE - CUTTING SPEED m/min

ISO	MG	X201 BRIGHT			
P	P.1-4	•			
	P.7	•			
M	M.1	•			
K	K.2	•			
N	N.1-3	•			
	N.5-7	•			

	X201 BRIGHT
Tolerance	ISO 6g
Chamfer form	1,75xP
Hole type	—
Direction of cut	RH
Through coolant	—

Ød1 [mm]	P [mm]	Ød2 [mm]	h1 [mm]	X201 BRIGHT	
M 2	0,25	16	5	•	
2,2	0,25	16	5	•	
2,5	0,35	16	5	•	
3	0,35	20	5	•	
4	0,5	20	5	•	
5	0,5	20	5	•	
6	0,75	20	7	•	
7	0,75	25	9	•	
8	0,75	25	9	•	
8	1	25	9	•	
9	1	25	9	•	
10	0,75	30	11	•	
10	1	30	11	•	
10	1,25	30	11	•	
11	1	30	11	•	
12	1	38	10	•	
12	1,25	38	10	•	
12	1,5	38	10	•	
14	1	38	10	•	
14	1,25	38	10	•	
14	1,5	38	10	•	
15	1	38	10	•	
15	1,5	38	10	•	
16	1	45	14	•	
16	1,5	45	14	•	
18	1	45	14	•	

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With spiral point

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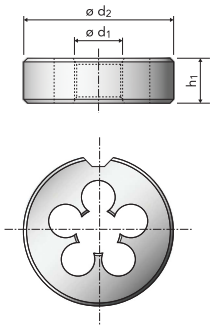
X201
BRIGHT

DIN EN 22568



APPLICATION RANGE - CUTTING SPEED m/min

ISO	MG	X201 BRIGHT			
P	P.1-4	•			
	P.7	•			
M	M.1	•			
K	K.2	•			
N	N.1-3	•			
	N.5-7	•			

Tolerance	ISO 6g
Chamfer form	1,75xP
Hole type	—
Direction of cut	RH
Through coolant	—

Ød1 [mm]	P [mm]	Ød2 [mm]	h1 [mm]	X201 BRIGHT	
M 18	1,5	45	14	•	
18	2	45	14	•	
20	1	45	14	•	
20	1,5	45	14	•	
20	2	45	14	•	
22	1	55	16	•	
22	1,5	55	16	•	
22	2	55	16	•	
24	1	55	16	•	
24	1,5	55	16	•	
24	2	55	16	•	
25	1	55	16	•	
25	1,5	55	16	•	
25	2	55	16	•	
26	1,5	55	16	•	
27	1,5	65	18	•	
27	2	65	18	•	
28	1,5	65	18	•	
28	2	65	18	•	
30	1	65	18	•	
30	1,5	65	18	•	
30	2	65	18	•	
32	1,5	65	18	•	
32	2	65	18	•	
33	2	65	18	•	
35	1,5	65	18	•	

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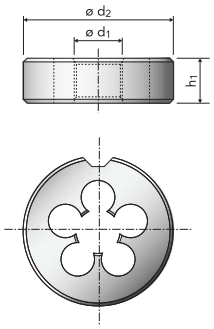
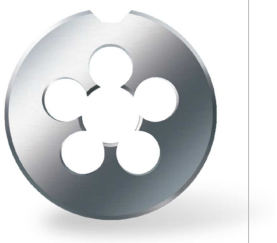
X201
BRIGHT

DIN EN 22568





APPLICATION RANGE - CUTTING SPEED m/min

ISO	MG	X201 BRIGHT			
P	P.1-4	•			
	P.7	•			
M	M.1	•			
K	K.2	•			
N	N.1-3	•			
	N.5-7	•			

	X201 BRIGHT
Tolerance	ISO 6g
Chamfer form	1,75xP
Hole type	—
Direction of cut	RH
Through coolant	—

Ød1 [mm]	P [mm]	Ød2 [mm]	h1 [mm]	X201 BRIGHT	
M 36	1,5	65	18	•	
36	2	65	18	•	
36	3	65	25	•	

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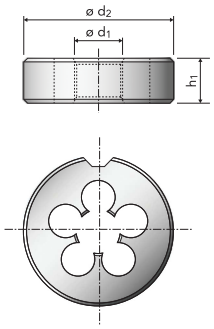
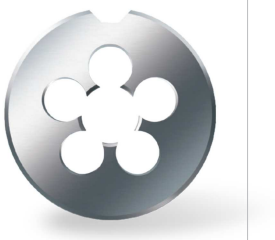
DIES
With spiral point

HSS

X204
BRIGHT

DIN EN 22568





APPLICATION RANGE - CUTTING SPEED m/min

ISO	MG	X204 BRIGHT			
P	P.1-4	•			
	P.7	•			
M	M.1	•			
K	K.2	•			
N	N.1-3	•			
	N.5-7	•			

	X204 BRIGHT
Tolerance	2A
Chamfer form	1,75xP
Hole type	—
Direction of cut	RH
Through coolant	—

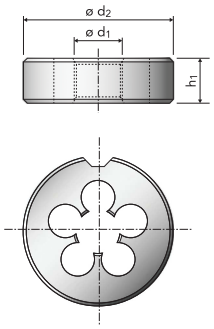
UNC	P [TPI]	Ød1 [mm]	Ød2 [mm]	h1 [mm]	X204 BRIGHT	
Nr. 2	56	2,184	16	5	•	
Nr. 4	40	2,845	20	5	•	
Nr. 5	40	3,175	20	5	•	
Nr. 6	32	3,505	20	7	•	
Nr. 8	32	4,166	20	7	•	
Nr. 10	24	4,826	20	7	•	
Nr. 12	24	5,486	20	7	•	
1/4"	20	6,35	20	7	•	
5/16"	18	7,938	25	9	•	
3/8"	16	9,525	30	11	•	
7/16"	14	11,113	30	11	•	
1/2"	13	12,7	38	14	•	
9/16"	12	14,288	38	14	•	
5/8"	11	15,875	45	18	•	
3/4"	10	19,05	45	18	•	
7/8"	9	22,225	55	22	•	
1"	8	25,4	55	22	•	

DIES
With spiral point

HSS

X205
BRIGHT

DIN EN 22568



APPLICATION RANGE - CUTTING SPEED m/min

ISO	MG	X205 BRIGHT			
P	P.1-4	•			
	P.7	•			
M	M.1	•			
K	K.2	•			
N	N.1-3	•			
	N.5-7	•			

Tolerance	2A
Chamfer form	1,75xP
Hole type	—
Direction of cut	RH
Through coolant	—

UNF	P [TPI]	Ød1 [mm]	Ød2 [mm]	h1 [mm]	X205 BRIGHT	
Nr. 3	56	2,515	16	5	•	
Nr. 4	48	2,845	20	5	•	
Nr. 5	44	3,175	20	5	•	
Nr. 6	40	3,505	20	5	•	
Nr. 8	36	4,166	20	7	•	
Nr. 10	32	4,826	20	7	•	
Nr. 12	28	5,486	20	7	•	
1/4"	28	6,35	20	7	•	
5/16"	24	7,938	25	9	•	
3/8"	24	9,525	30	11	•	
7/16"	20	11,113	30	11	•	
1/2"	20	12,7	38	10	•	
9/16"	18	14,288	38	10	•	
5/8"	18	15,875	45	14	•	
3/4"	16	19,05	45	14	•	
7/8"	14	22,225	55	16	•	
1"	12	25,4	55	16	•	

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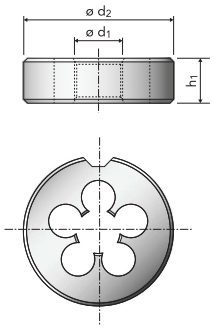
DIES
With spiral point

HSS

X203
BRIGHT

DIN EN 24231



APPLICATION RANGE - CUTTING SPEED m/min

ISO	MG	X203 BRIGHT			
P	P.1-4	•			
	P.7	•			
M	M.1	•			
K	K.2	•			
N	N.1-3	•			
	N.5-7	•			

	X203 BRIGHT
Tolerance	A
Chamfer form	1,75xP
Hole type	—
Direction of cut	RH
Through coolant	—

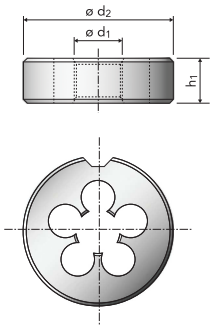
G	P [TPI]	Ød1 [mm]	Ød2 [mm]	h1 [mm]	X203 BRIGHT	
1/8"	28	9,728	30	11	•	
1/4"	19	13,157	38	10	•	
3/8"	19	16,662	45	14	•	
1/2"	14	20,955	45	14	•	
5/8"	14	22,911	55	16	•	
3/4"	14	26,441	55	16	•	
7/8"	14	30,201	65	18	•	
1"	11	33,249	65	18	•	
1 1/4"	11	41,91	75	20	•	
1 1/2"	11	47,803	90	22	•	
2"	11	59,614	105	22	•	

DIES
With spiral point

HSS

X202
BRIGHT

DIN EN 22568



APPLICATION RANGE - CUTTING SPEED m/min

ISO	MG	X202 BRIGHT			
P	P.1-4	•			
	P.7	•			
M	M.1	•			
K	K.2	•			
N	N.1-3	•			
	N.5-7	•			

Tolerance	mc
Chamfer form	1,75xP
Hole type	—
Direction of cut	RH
Through coolant	—

BSW	P [TPI]	Ød1 [mm]	Ød2 [mm]	h1 [mm]	X202 BRIGHT	
3/32"	48	2,381	20	5	•	
1/8"	40	3,175	20	5	•	
3/16"	24	4,763	20	7	•	
1/4"	20	6,35	25	9	•	
5/16"	18	7,938	25	9	•	
3/8"	16	9,525	30	11	•	
7/16"	14	11,113	30	11	•	
1/2"	12	12,7	38	14	•	
5/8"	11	15,875	45	18	•	
3/4"	10	19,05	45	18	•	
7/8"	9	22,225	55	22	•	
1"	8	25,4	55	22	•	

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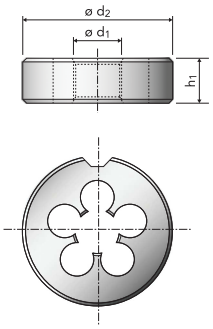
DIES
With spiral point

HSS

X206
BRIGHT

DIN EN 22568



APPLICATION RANGE - CUTTING SPEED m/min

ISO	MG	X206 BRIGHT			
P	P.1-4	•			
	P.7	•			
M	M.1	•			
K	K.2	•			
N	N.1-3	•			
	N.5-7	•			

	X206 BRIGHT
Tolerance	—
Chamfer form	1,75xP
Hole type	—
Direction of cut	RH
Through coolant	—

NPT	P [TPI]	Ød1 [mm]	Ød2 [mm]	h1 [mm]	X206 BRIGHT	
1/16"	27	7,938	25	10	•	
1/8"	27	10,287	30	10	•	
1/4"	18	13,716	38	15	•	
3/8"	18	17,145	45	15,3	•	
1/2"	14	21,336	45	20	•	
3/4"	14	26,67	55	20,2	•	
1"	11 1/2	33,401	65	25	•	