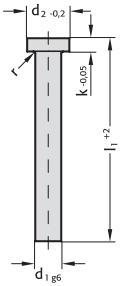
Ejector pin, nitrided, DIN ISO 6751

237.8.



Material:

NWA
Order No 237.8.
Hardness:
Shaft* ≥ 950 HV 0,3
Head 45 ± 5 HRC
Core strength > 1400 N/mm²

NWA = Hot-Work Tool Steel – Suitable for Nitriding

Material No 1.2344 or similar.

Characteristics: Chrome-Molybdenum-Chrome-Molybdenum-Vanadium hot working die steel; core strength: > 1400 N/mm²; temperature resistant up to 650°C; surface hardness (nitrided) ≧ 950 HV 0,3.

Execution:

Shank nitrided and precision ground.
Head hot upset-forged.

Note:

*Owing to thinness of nitrided skin, hardness testing on shank restricted to Vickers only. Test load = 3 N max.

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d_1	d_2	k	r	l_1 100	l_1 125	l_1 160	l_1 200	l_1 250	l_1 315	l_1 400	l_1 500	l_1 630	l_1 800
1.5	3	1.5	0.2	●	●	●	●						
2	4	2	0.2	●	●	●	●	●					
2.2	4	2	0.2	●	●	●	●						
2.4	5	2	0.2	●	●	●	●	●	●				
2.5	5	2	0.3	●	●	●	●	●	●				
2.7	5	2	0.3	●	●	●	●						
2.9	5	2	0.3	●	●	●	●	●	●				
3	6	3	0.3	●	●	●	●	●	●	●	●		
3.2	6	3	0.3	●	●	●	●	●	●	●			
3.4	6	3	0.3	●	●	●	●	●	●				
3.5	7	3	0.3	●	●	●	●	●	●	●			
3.7	7	3	0.3	●	●	●	●	●	●	●			
3.9	7	3	0.3	●	●	●	●	●	●				
4	8	3	0.3	●	●	●	●	●	●	●	●		
4.2	8	3	0.3	●	●	●	●	●	●	●			
4.4	8	3	0.3	●	●	●	●	●	●				
4.5	8	3	0.3	●	●	●	●	●	●	●			
4.7	8	3	0.3	●	●	●	●	●	●				
4.9	8	3	0.3	●	●	●	●	●	●				
5	10	3	0.3	●	●	●	●	●	●	●	●	●	●
5.2	10	3	0.3	●	●	●	●	●	●	●	●		
5.4	10	3	0.3	●	●	●	●	●	●				
5.5	10	3	0.3	●	●	●	●	●	●	●	●		
5.7	10	3	0.3	●	●	●	●	●	●				
5.9	10	3	0.3	●	●	●	●	●	●				
6	12	5	0.5	●	●	●	●	●	●	●	●	●	●

Ordering Code (example):

Ejector pin, nitrided, DIN ISO 6751			=237.8.
Shaft diameter d_1	1.5 mm	=	0150.
Length l_1	100 mm	=	100
Order No			=237.8.0150.100

Ejector pin, nitrided, DIN ISO 6751

Material:

NWA
Order No 237.8.
Hardness:
Shaft* ≥ 950 HV 0,3
Head 45 ± 5 HRC
Core strength > 1400 N/mm²

NWA = Hot-Work Tool Steel – Suitable for Nitriding

Material No 1.2344 or similar.

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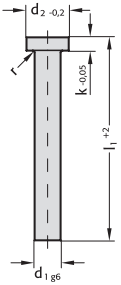

237.8. Ejector pin, nitrided, DIN ISO 6751

d_1	d_2	k	r	l_1 100	l_1 125	l_1 160	l_1 200	l_1 250	l_1 315	l_1 400	l_1 500	l_1 630	l_1 800	l_1 1000
6.2	12	5	0.5	●	●	●	●	●	●	●	●	●		
6.5	12	5	0.5	●	●	●	●	●	●	●	●			
6.7	12	5	0.5	●	●	●	●	●	●					
6.9	12	5	0.5	●	●	●	●	●	●					
7	12	5	0.5	●	●	●	●	●	●	●	●	●		
7.2	12	5	0.5	●	●	●	●	●	●					
7.8	12	5	0.5	●	●	●	●	●	●					
8	14	5	0.5	●	●	●	●	●	●	●	●	●	●	●
8.2	14	5	0.5	●	●	●	●	●	●	●	●	●	●	
8.4	14	5	0.5	●	●	●	●	●	●					
8.5	14	5	0.5	●	●	●	●	●	●	●	●	●		
9	14	5	0.5	●	●	●	●	●	●	●	●	●		
9.7	14	5	0.5	●	●	●	●	●	●					
10	16	5	0.5	●	●	●	●	●	●	●	●	●	●	●
10.2	16	5	0.5	●	●	●	●	●	●	●	●	●	●	
10.5	16	5	0.5	●	●	●	●	●	●	●	●	●		
11	16	5	0.5	●	●	●	●	●	●	●	●	●		
12	18	7	0.8	●	●	●	●	●	●	●	●	●	●	●
12.2	18	7	0.8	●	●	●	●	●	●	●	●	●	●	
12.5	18	7	0.8	●	●	●	●	●	●	●	●	●	●	
14	22	7	0.8	●	●	●	●	●	●	●	●	●	●	●
16	22	7	0.8	●	●	●	●	●	●	●	●	●	●	●
18	24	7	0.8			●	●	●	●	●	●	●	●	●
20	26	8	1			●	●	●	●	●	●	●	●	●
25	32	10	1				●	●	●	●	●	●	●	●
32	40	10	1				●	●	●	●	●	●	●	●

Ordering Code (example):

Ejector pin, nitrided, DIN ISO 6751			=237.8.
Shaft diameter d_1	1.5 mm	=	0150.
Length l_1	100 mm	=	100
Order No			=237.8.0150.100