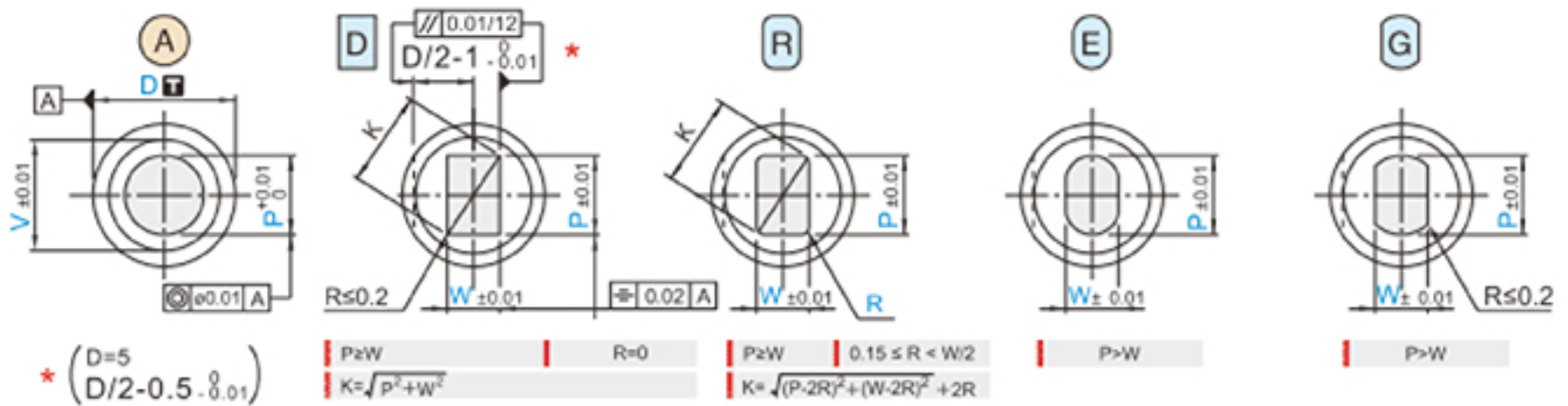
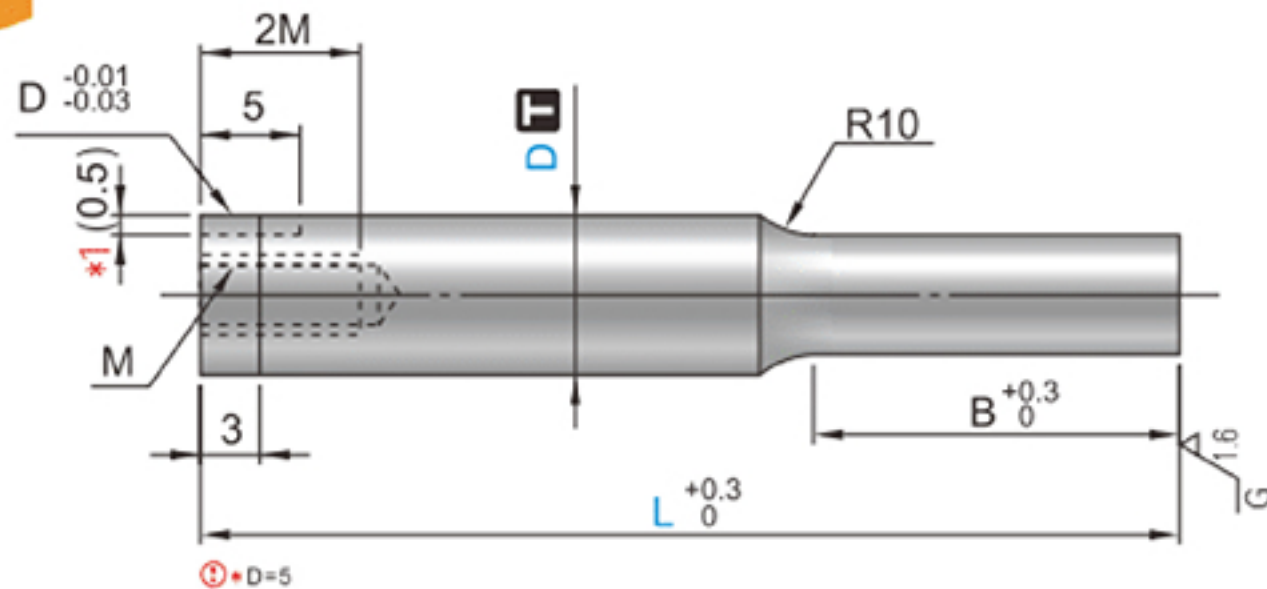


WMPTW
WMPHTW
A-WMPTW
A-WMPHTW
-TiCN
H-WMPHTW
AH-WMPHTW
-HW
HW-WMPHTW
AHW-WMPHTW



D _T m5 +0.005 0			Type			Catalog No.
T	M	H		TiCN 3100HV	HW 3100HV	
D m5	SKD11	60-63HRC	WMPTW	—	—	A D R E G
		64-67HRC	WMPHTW	H-WMPHTW	HW-WMPHTW	
D ₀ ^{+0.005}	SKD11	60-63HRC	A-WMPTW	—	—	
		64-67HRC	A-WMPHTW	AH-WMPHTW	AHW-WMPHTW	

ORDER

Catalog No. - L - P - W - B - V - F - R (R)
H-WPHTWR 13 - 80 - P10.5 - W7.34 - B25 - V12.00 - F45 - R0.5

Catalog No.		L	(A)		Kmax.	(D E R G)		(R)	V	F	M			
Type	D		P	B		P-W	B							
(D m5) WMPTW WMPHTW -TiCN H-WMPHTW -HW HW-WMPHTW (D ^{+0.005} ₀) A-WMPTW A-WMPHTW -TiCN AH-WMPHTW -HW AHW-WMPHTW	5	40-50-60-70-80	1.00 ~ 1.999	2.0 ~ 20.0	4.96	0.80(1.00) ~ 1.49	2.0 ~ 8.0	0.15 ~ W/2 (R) D > V > (P, K) + 0.03	B + f + 2 < F ≤ Fmax & F ≤ L - 30 V Fmax 0.83~0.99 10 1.00~1.99 20 2.00~3.99 35 4.00~5.99 45 6.00~ 60 (V - P)/2 = X (V - W)/2 = X	3				
	2.00 ~ 3.999		2.0 ~ 35.0	1.50 ~ 1.99		2.0 ~ 13.0								
	4.00 ~ 4.98		2.0 ~ 45.0	2.00 ~ 3.49		2.0 ~ 19.0	4							
	4.00 ~ 4.98		2.0 ~ 45.0	3.50 ~ 4.96		2.0 ~ 25.0	5							
	6	40-50-60-70-80	1.00 ~ 1.999	2.0 ~ 20.0	5.96	0.80(1.00) ~ 1.49	2.0 ~ 8.0			1.00 ~ 1.99	2.0 ~ 13.0			
	2.00 ~ 3.999		2.0 ~ 35.0	1.50 ~ 1.99		2.0 ~ 13.0	2.00 ~ 3.49			2.0 ~ 19.0				
	4.00 ~ 5.98		2.0 ~ 45.0	2.00 ~ 3.49		2.0 ~ 19.0	3.50 ~ 4.99			2.0 ~ 25.0				
	4.00 ~ 5.98		2.0 ~ 45.0	5.00 ~ 5.96		2.0 ~ 30.0	6							
	8	40-50-60-70-80-90-100	1.00 ~ 1.999	2.0 ~ 20.0	7.96	1.00 ~ 1.49	2.0 ~ 8.0			2.00 ~ 3.49	2.0 ~ 19.0	5.00 ~ 7.96	2.0 ~ 30.0	
	2.00 ~ 3.999		2.0 ~ 35.0	1.50 ~ 1.99		2.0 ~ 13.0	3.50 ~ 4.99			2.0 ~ 25.0				
	4.00 ~ 5.999		2.0 ~ 45.0	2.00 ~ 3.49		2.0 ~ 19.0	5.00 ~ 7.96			2.0 ~ 30.0				
	6.00 ~ 7.98		2.0 ~ 60.0	3.50 ~ 4.99		2.0 ~ 25.0	1.25 ~ 1.49			2.0 ~ 8.0				
	6.00 ~ 7.98		2.0 ~ 60.0	5.00 ~ 7.96		2.0 ~ 30.0	1.50 ~ 1.99			2.0 ~ 13.0				
	10		40-50-60-70-80-90-100	1.50 ~ 1.999	2.0 ~ 20.0	9.96	1.25 ~ 1.49			2.0 ~ 8.0	2.00 ~ 3.49	2.0 ~ 19.0	5.00 ~ 9.96	2.0 ~ 30.0
	2.00 ~ 3.999			2.0 ~ 35.0	1.50 ~ 1.99		2.0 ~ 13.0			3.50 ~ 4.99	2.0 ~ 25.0			
	4.00 ~ 5.999			2.0 ~ 45.0	2.00 ~ 3.49		2.0 ~ 19.0			5.00 ~ 9.96	2.0 ~ 30.0			
	6.00 ~ 9.98			2.0 ~ 60.0	3.50 ~ 4.99		2.0 ~ 25.0			1.50 ~ 1.99	2.0 ~ 13.0			
	6.00 ~ 9.98			2.0 ~ 60.0	5.00 ~ 9.96		2.0 ~ 30.0			2.00 ~ 3.49	2.0 ~ 19.0			
	13		40-50-60-70-80-90-100	3.00 ~ 3.999	2.0 ~ 35.0	12.96	2.00 ~ 3.49			2.0 ~ 19.0	3.50 ~ 4.99	2.0 ~ 25.0	5.00 ~ 12.96	2.0 ~ 30.0
	4.00 ~ 5.999			2.0 ~ 45.0	2.00 ~ 3.49		2.0 ~ 19.0			5.00 ~ 12.96	2.0 ~ 30.0			
	6.00 ~ 12.98			2.0 ~ 60.0	3.50 ~ 4.99		2.0 ~ 25.0			2.00 ~ 3.49	2.0 ~ 19.0			
	6.00 ~ 12.98			2.0 ~ 60.0	5.00 ~ 12.96		2.0 ~ 30.0			3.50 ~ 4.99	2.0 ~ 25.0			
	5.00 ~ 5.999			2.0 ~ 45.0	2.00 ~ 3.49		2.0 ~ 19.0			5.00 ~ 15.96	2.0 ~ 30.0			
	16		40-50-60-70-80-90-100	6.00 ~ 15.98	2.0 ~ 60.0	15.96	3.50 ~ 4.99			2.0 ~ 25.0	5.00 ~ 15.96	2.0 ~ 30.0	2.50 ~ 3.49	2.0 ~ 19.0
6.00 ~ 15.98	2.0 ~ 60.0			5.00 ~ 15.96	2.0 ~ 30.0		3.50 ~ 4.99	2.0 ~ 25.0						
6.50 ~ 19.98	2.0 ~ 60.0			2.50 ~ 3.49	2.0 ~ 19.0		5.00 ~ 19.96	2.0 ~ 30.0						
6.50 ~ 19.98	2.0 ~ 60.0			3.50 ~ 4.99	2.0 ~ 25.0		3.00 ~ 3.49	2.0 ~ 19.0						
6.50 ~ 19.98	2.0 ~ 60.0			5.00 ~ 19.96	2.0 ~ 30.0		3.50 ~ 4.99	2.0 ~ 25.0						
20	40-50-60-70-80-90-100		9.00 ~ 24.98	2.0 ~ 60.0	19.96	5.00 ~ 19.96	2.0 ~ 30.0	3.00 ~ 3.49	2.0 ~ 19.0	3.50 ~ 4.99	2.0 ~ 25.0			
9.00 ~ 24.98			2.0 ~ 60.0	3.50 ~ 4.99		2.0 ~ 25.0	5.00 ~ 24.96	2.0 ~ 30.0						
9.00 ~ 24.98			2.0 ~ 60.0	5.00 ~ 24.96		2.0 ~ 30.0	3.00 ~ 3.49	2.0 ~ 19.0						
25	40-50-60-70-80-90-100		9.00 ~ 24.98	2.0 ~ 60.0	24.96	5.00 ~ 24.96	2.0 ~ 30.0	3.00 ~ 3.49	2.0 ~ 19.0	3.50 ~ 4.99	2.0 ~ 25.0			
9.00 ~ 24.98			2.0 ~ 60.0	5.00 ~ 24.96		2.0 ~ 30.0	3.00 ~ 3.49	2.0 ~ 19.0						
9.00 ~ 24.98		2.0 ~ 60.0	5.00 ~ 24.96	2.0 ~ 30.0		3.00 ~ 3.49	2.0 ~ 19.0							
⚠ V>D-0.03 ----> ℓ = 0 ⚠ P-W(1.00) ----> TiCN														

■ Coating punch feature:

- 1、TiCN-coated punches are PVD coatings for punches, which can improve the hardness and wear resistance of the cutting edge and increase the service life of the punches. It is the abbreviation of "Titanium carbonitride".
- 2、It can correspond to the sheet material with tensile strength above 270MPa, and it is a material with higher strength that the punch can process.

■ Using Features :

- 1、It is widely Apply to mould manufacturing and processing industries.
- 2、You can choose SKD11, SKH51, powder high speed steel two or three base materials to deal with various stamping conditions
- 3、The diameter of the punch rod has two tolerances of m5 and 0~+0.005, which can correspond to different matching methods.

