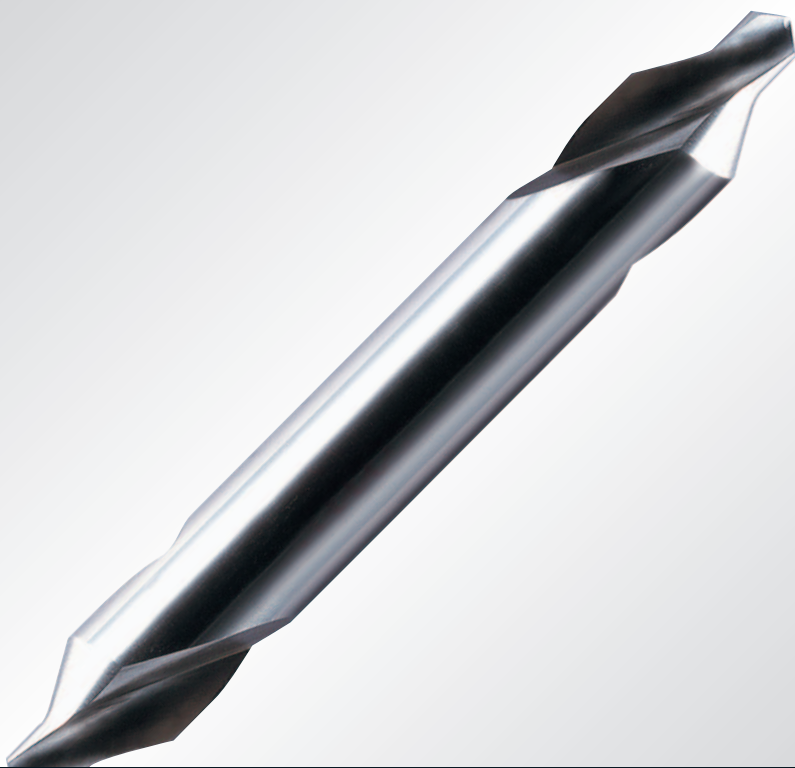


**HSS**



Being the best through innovation



# CENTER DRILLS

## ZENTRIERBOHRER

- General Purpose (HSS & HSS-EX)
- Für allgemeinen Einsatz (HSS & HSS-EX)

# SELECTION GUIDE

## HSS-EX CENTER DRILLS

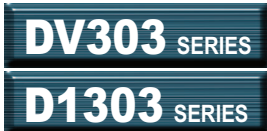
General Purpose

ITEM	MODEL	DESCRIPTION	SIZE		PAGE
			MIN	MAX	
<b>DV303</b>		HSS-EX, CENTER DRILLS HSS-EX, ZENTRIERBOHRER	D1.0	D5.0	<b>212</b>
<b>D1303</b>		HSS, CENTER DRILLS HSS, ZENTRIERBOHRER	D1.0	D5.0	<b>212</b>

# HSS-EX CENTER DRILLS

◎ : Excellent  
○ : Good

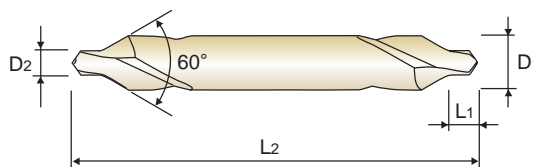
Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels		Cast Iron	Aluminum	Stainless Steels	Titanium	Mild Steels	Copper	Bronze
			HRc45~55	HRc55~							
~HB225	HB225~325	HRc30~45	HRc45~55	HRc55~							
◎	◎				○	○	○	○	○	○	○
◎	◎				○	○	○	○	○	○	○



## HSS-EX & HSS, CENTER DRILLS HSS-EX & HSS, ZENTRIERBOHRER

► **Application** : High heat resistant centering drills. Especially suitable for high thermal load applications.

► **Verwendung** : Zentrierbohrer mit ausgeprägter Warmhärtebeständigkeit. Besonders geeignet bei hoher thermischer Beanspruchung.



### FORM A (60°)

EDP No.	Drill Diameter	Shank Diameter	Pilot Length	Overall Length
	D1	D2	L1	L2
DV303010	1.0	3.15	1.3	31.5
DV303912	1.25	3.15	1.6	31.5
DV303016	1.6	4.0	2.0	35.5
DV303020	2.0	5.0	2.5	40
DV303025	2.5	6.3	3.1	45
DV303931	3.15	8.0	3.9	50
DV303040	4.0	10.0	5.0	56
DV303050	5.0	12.5	6.3	63

### FORM A (60°)

Unit : mm

EDP No.	Drill Diameter	Shank Diameter	Pilot Length	Overall Length
	D1	D2	L1	L2
D1303010	1.0	3.15	1.3	31.5
D1303912	1.25	3.15	1.6	31.5
D1303016	1.6	4.0	2.0	35.5
D1303020	2.0	5.0	2.5	40
D1303025	2.5	6.3	3.1	45
D1303931	3.15	8.0	3.9	50
D1303040	4.0	10.0	5.0	56
D1303050	5.0	12.5	6.3	63

Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels		Cast Iron	Aluminum	Stainless Steels	Titanium	Mild Steels	Copper	Bronze
~HB225	HB225~325	HRc30~45	HRc45~55	HRc55~							
◎	◎				○	○	○	○	○	○	○

◎ : Excellent ○ : Good