

Drive Shaft ▶ One-end Step Type Shoulder Type



Please order according to the diagram

①~⑥ Select the type and parameters in the order of for ordering

Model(①Code) - ②D - ③L - ④T - ⑤P - ⑥E - ⑦Q - ⑧F - MA() MD() MP()...
NEDAQ D8 L300 T5 P6 E40 Q7 F40 MA-MD

Optional Processing



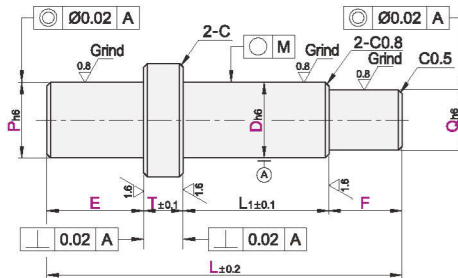
Discounted Price
 Quantity 1~9 10~
 Price 100% Separate Quotation
 Price Excluding Tax (Yen)



CAD 2D 3D

Code	Type	Material		Hardness	Surface Treatment
		International	Equivalent		
NEDAQ	Shoulder Type One-end Step Type	45	S45C	—	—
NEDAH					Black Oxide Finish
NEDAJ		0Cr18Ni9	SUS304	High-frequency quenching, Surface hardness 48HRC	Electroless Nickel Plating
NEDAK					—
NEDBQ					—

D _{h6}	Roundness M
8	0.003
10	
12~12A	
15	
17~17A	
20	0.005
25	
30	
35	
40	
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Model		③L	④T	⑤P	⑥E	⑦Q	⑧F	D ₁	C
①Code	②D	Minimum Unit 0.5	Selection	Minimum Unit 1	Minimum Unit 0.5	Minimum Unit 0.5	Minimum Unit 0.5		
NEDAQ NEDAH NEDAJ NEDAK NEDBQ	8	45.0~300.0	5 10 15 20	6~9	4.0~40.0	5~7	4.0~40.0	12	1
	10			8~12	5.0~50.0	7~9	5.0~50.0	15	
	12			10~13	5.0~60.0	7~11	5.0~60.0		
	12A	95.0~400.0	10 15 20 25	12~18	5.0~75.0	10~14	5.0~75.0	20	2
	15			14~18	5.0~100.0	10~16	5.0~100.0	25	1
	17			14~20	14~19	10.0~125.0	14~24	10.0~125.0	30
	17A	17~23	15.0~150.0	20~29	15.0~150.0	35	2		
	20	20~28	20~34	20~39	20.0~150.0	40			
	25	25~33	20~44						
	30	28~38	20~39	20~44					
	35	35~47	20.0~150.0	20~44					
	40	35~48	20.0~150.0	20~44					
45									

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 Optional Processing

Model		Optional Processing	Technical Specification																																																																																			
Left end	Right end																																																																																					
MA() MB() MC()	MD() ME() MF() MG() MH() MK()	Addition of external thread	Selection Method MA15-MH15 <table> <tr> <th>Code</th><th>Precision Grade</th></tr> <tr> <td>Left end, Right end</td><td></td></tr> <tr> <td>MA MD MG</td><td>Coarse thread</td></tr> <tr> <td>MB ME MH</td><td>Fine Thread(Ordinary Grade)</td></tr> <tr> <td>MC MF MK</td><td>Fine Thread(Precision Grade)</td></tr> </table> ☐ Minimum Unit 1 ☒ Applies when D, P, Q, M are the same size.	Code	Precision Grade	Left end, Right end		MA MD MG	Coarse thread	MB ME MH	Fine Thread(Ordinary Grade)	MC MF MK	Fine Thread(Precision Grade)	<table> <tr> <th>M(Coarse thread)×P</th><th>M(Fine thread)×P</th></tr> <tr> <td>M5×0.8</td><td>M5×0.5</td></tr> <tr> <td>M6×1.0</td><td>M6×0.75</td></tr> <tr> <td>M8×1.25</td><td>M8×0.75</td></tr> <tr> <td>M10×1.5</td><td>M10×0.75</td></tr> <tr> <td>M12×1.75</td><td>M12×1.0</td></tr> <tr> <td>M20×2.5</td><td>M15×1.0</td></tr> <tr> <td>M24×3</td><td>M17×1.0</td></tr> <tr> <td>M30×3.5</td><td>M20×1.0</td></tr> <tr> <td>M36×4</td><td>M25×1.5</td></tr> </table>	M(Coarse thread)×P	M(Fine thread)×P	M5×0.8	M5×0.5	M6×1.0	M6×0.75	M8×1.25	M8×0.75	M10×1.5	M10×0.75	M12×1.75	M12×1.0	M20×2.5	M15×1.0	M24×3	M17×1.0	M30×3.5	M20×1.0	M36×4	M25×1.5																																																				
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Add internal thread	Selection Method MP5-MQ5 <table> <tr> <th colspan="2">Selection</th></tr> <tr> <th>MP(Coarse thread)</th><th>MQ(Coarse thread)</th></tr> <tr> <td>M3 M4 M5 M6 M8 M10</td><td></td></tr> <tr> <td>M12 M16 M20 M24 M30 M36</td><td></td></tr> </table>	Selection		MP(Coarse thread)	MQ(Coarse thread)	M3 M4 M5 M6 M8 M10		M12 M16 M20 M24 M30 M36																																																																														
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JA() JB() JC() JD()	JB() JC() JD()	Add keyway	Selection Method JA20-A20-JB20-B10 ☐ Minimum Unit 1 ☒ A, B, C, K=3~100 ☒ For keyway details, see the product brief of the rotating shaft.																																																																																			
		Add keyway + flat surface	Selection Method PA40-AA20-KA90 ☐ Minimum Unit 1 ☒ AA, HH, DD, CC=3~100 ☒ For keyway details, see the product brief of the rotating shaft. ☒ Specify code table: <table> <tr> <th>Specify keyway position</th><th>Specify keyway width</th><th>Specify angle Minimum Unit 30°</th></tr> <tr> <td>PA</td><td>AA</td><td>KA</td></tr> <tr> <td>PB</td><td>HH</td><td>KB</td></tr> <tr> <td>PC</td><td>CC</td><td>KC</td></tr> <tr> <td>PD</td><td>DD</td><td>KD</td></tr> </table> ☒ KA, KB, KC, KD= Minimum Unit 30° ☒ KA, KB, KC, KD=30°~330° <table> <tr> <th>D-P-Q</th><th>6~17</th><th>18~40</th><th>41~48</th></tr> <tr> <td>H</td><td>1</td><td>2</td><td>3</td></tr> </table>	Specify keyway position	Specify keyway width	Specify angle Minimum Unit 30°	PA	AA	KA	PB	HH	KB	PC	CC	KC	PD	DD	KD	D-P-Q	6~17	18~40	41~48	H	1	2	3																																																												
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DA() DB() DC()	DB() DC()	Addition of retainer groove	Selection Method DA10-DB10-DC10 ☐ Minimum Unit 1 ☒ DA(DB)(DC)=4~E(F)-3 ☒ With retaining ring attached ☐ For details of the retaining ring groove size, please refer to the drive shaft product overview. ☒ When P,Q,D are below 8, use type E retaining ring; when P,Q is above 8 and D is above 10, use type C retaining ring.																																																																																			
		Addition of wrench slots	Selection Method BA5-BB10-BC ☒ BA,BB= Minimum Unit 1 <table> <tr> <th>D</th><th>8</th><th>10</th><th>12</th><th>15</th><th>17</th><th>20</th><th>25</th><th>30</th><th>35</th><th>40</th><th>45</th></tr> <tr> <td>W</td><td>7</td><td>8</td><td>10</td><td>13</td><td>14</td><td>17</td><td>22</td><td>27</td><td>30</td><td>36</td><td>38</td></tr> <tr> <td>V</td><td>10</td><td></td><td></td><td></td><td></td><td>12</td><td></td><td>16</td><td></td><td>20</td><td></td></tr> </table> <table> <tr> <th>P-Q</th><th>5</th><th>6</th><th>7</th><th>8~10</th><th>11~13</th><th>14~15</th><th>16~18</th><th>19~21</th><th>22~25</th><th>26~28</th><th>29~31</th><th>32~37</th><th>38~41</th><th>42~45</th><th>46~48</th></tr> <tr> <td>W1</td><td>4</td><td>5</td><td>5.5</td><td>7</td><td>10</td><td>13</td><td>14</td><td>17</td><td>19</td><td>22</td><td>27</td><td>30</td><td>36</td><td>38</td><td>41</td></tr> <tr> <td>V</td><td></td><td></td><td>10</td><td></td><td></td><td></td><td>12</td><td></td><td></td><td></td><td>16</td><td></td><td></td><td>20</td><td></td></tr> </table>	D	8	10	12	15	17	20	25	30	35	40	45	W	7	8	10	13	14	17	22	27	30	36	38	V	10					12		16		20		P-Q	5	6	7	8~10	11~13	14~15	16~18	19~21	22~25	26~28	29~31	32~37	38~41	42~45	46~48	W1	4	5	5.5	7	10	13	14	17	19	22	27	30	36	38	41	V			10				12				16			20
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FA() FB() FC()	FB() FC()	Add two flat surfaces at a specified angle	Selection Method FA15-EE10-KH30 ☒ FA, FB, FC, EE, FF, GG=Minimum Unit 1 ☒ KH, KG, KK= Minimum Unit 30° ☒ KH, KG, KK=0°~330° ☒ For details of the specified code <table> <tr> <th>Specify flat surface processing position</th><th>Specify flat surface processing width</th><th>Specify angle Minimum Unit 30°</th></tr> <tr> <td>FA</td><td>EE</td><td>KH</td></tr> <tr> <td>FB</td><td>FF</td><td>KG</td></tr> <tr> <td>FC</td><td>GG</td><td>KK</td></tr> </table> <table> <tr> <th>D-P-Q</th><th>5</th><th>6~17</th><th>18~40</th><th>41~48</th></tr> <tr> <td>H</td><td>0.5</td><td>1</td><td>2</td><td>3</td></tr> </table>	Specify flat surface processing position	Specify flat surface processing width	Specify angle Minimum Unit 30°	FA	EE	KH	FB	FF	KG	FC	GG	KK	D-P-Q	5	6~17	18~40	41~48	H	0.5	1	2	3																																																													
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Change D tolerance	Selection Method TJ ☒ Change the tolerance of D dimension to js6, k6																																																																																					

Regarding the selection of drive shafts:

1. Use the specification table to select the basic shape and size of the drive shaft.
2. Utilize optional processing to select necessary processing such as threading and keyway machining for the drive shaft according to needs.

Selection example

Select optional processing: 2 external threads, 2 keyways

